

#07 GSM850_Horizontal Up_0.5cm_Ch251

DUT: 070302

Communication System: Generic GSM; Frequency: 848.6 MHz; Duty Cycle: 1:8.3

Medium: MSL_850_100714 Medium parameters used: $f = 849$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

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

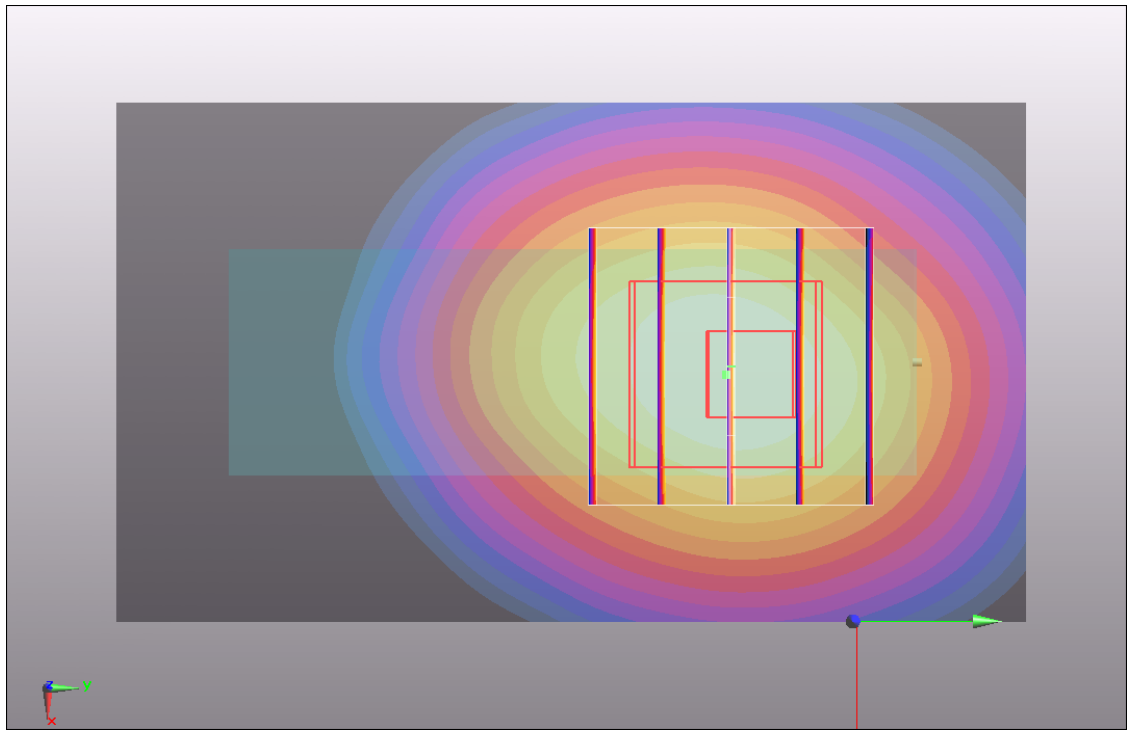
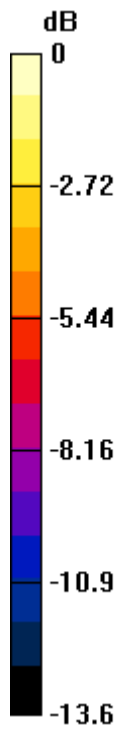
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 1.6 W/kg

SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.598 mW/g

Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.05mW/g

#07 GSM850_Horizontal Up_0.5cm_Ch251_2D

DUT: 070302

Communication System: Generic GSM; Frequency: 848.6 MHz; Duty Cycle: 1:8.3

Medium: MSL_850_100714 Medium parameters used: $f = 849$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

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

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

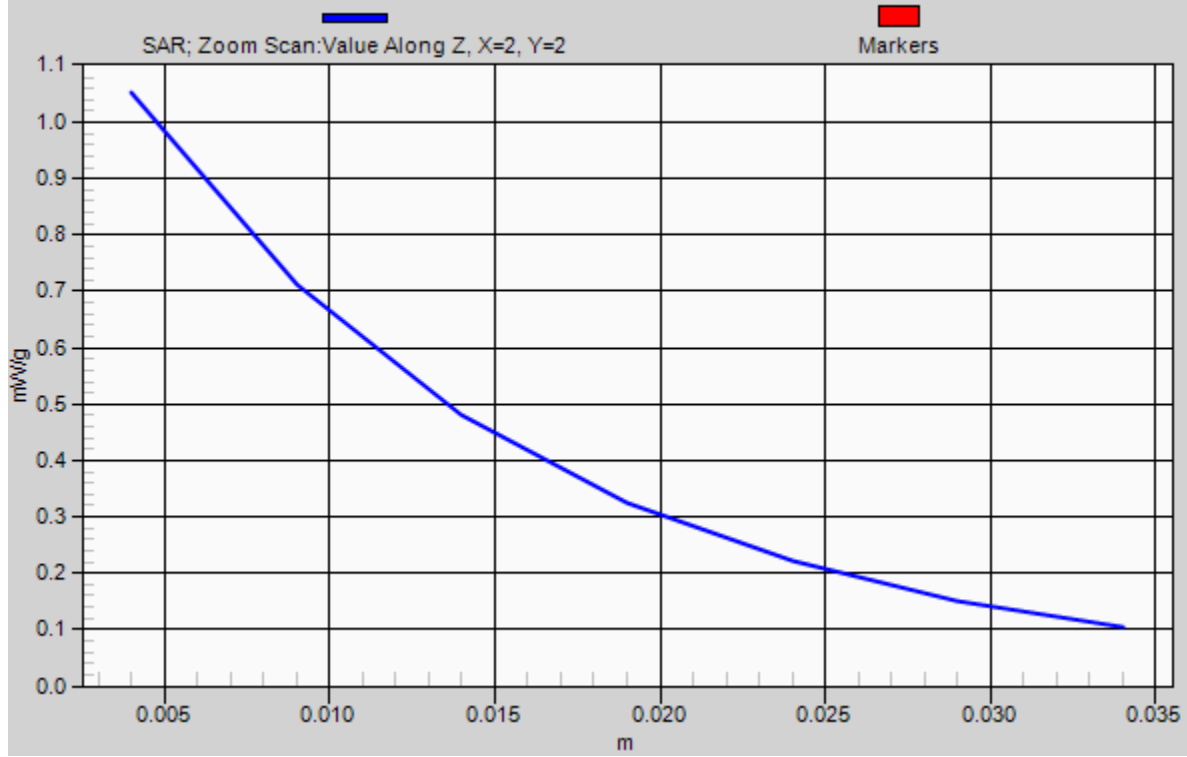
Reference Value = 18.2 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 1.6 W/kg

SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.598 mW/g

Maximum value of SAR (measured) = 1.05 mW/g

1g/10g Averaged SAR



#02 GSM850_Horizontal Down_0.5cm_Ch189

DUT: 070302

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: MSL_850_100714 Medium parameters used: $f = 837$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.701 mW/g

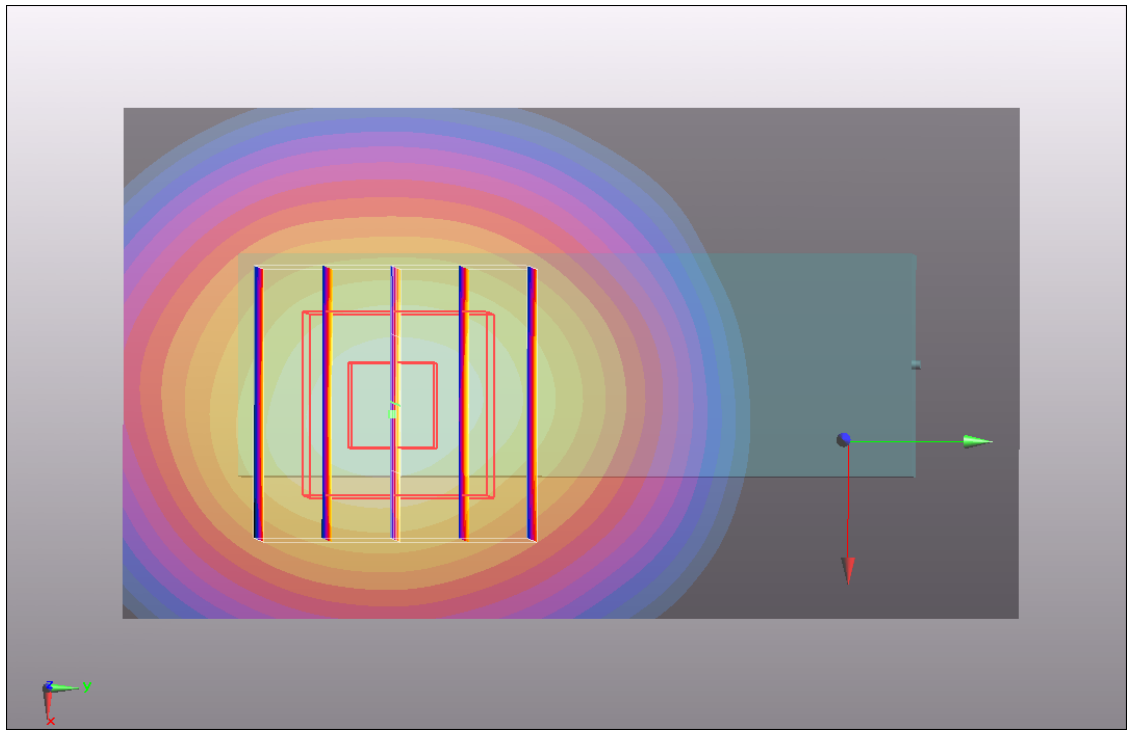
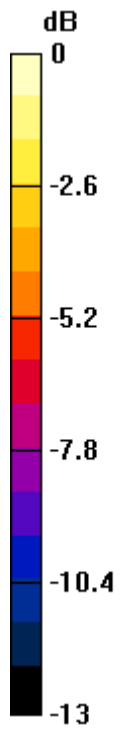
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.45 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 0.716 mW/g



0 dB = 0.716mW/g

#03 GSM850_Veritical Front_0.5cm_Ch189

DUT: 070302

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: MSL_850_100714 Medium parameters used: $f = 837$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.517 mW/g

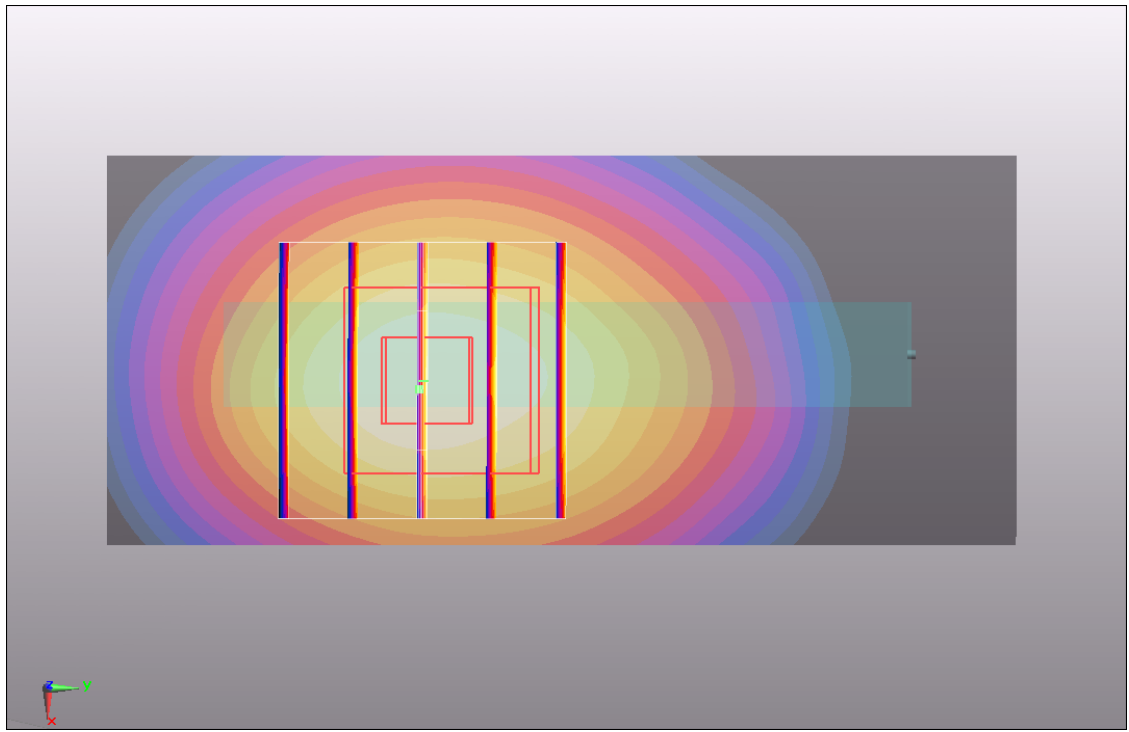
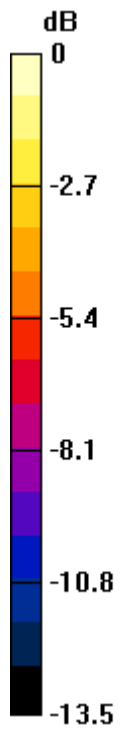
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.65 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.748 W/kg

SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.281 mW/g

Maximum value of SAR (measured) = 0.503 mW/g



0 dB = 0.503mW/g

#04 GSM850_Veritical Back_0.5cm_Ch189

DUT: 070302

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: MSL_850_100714 Medium parameters used: $f = 837$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.317 mW/g

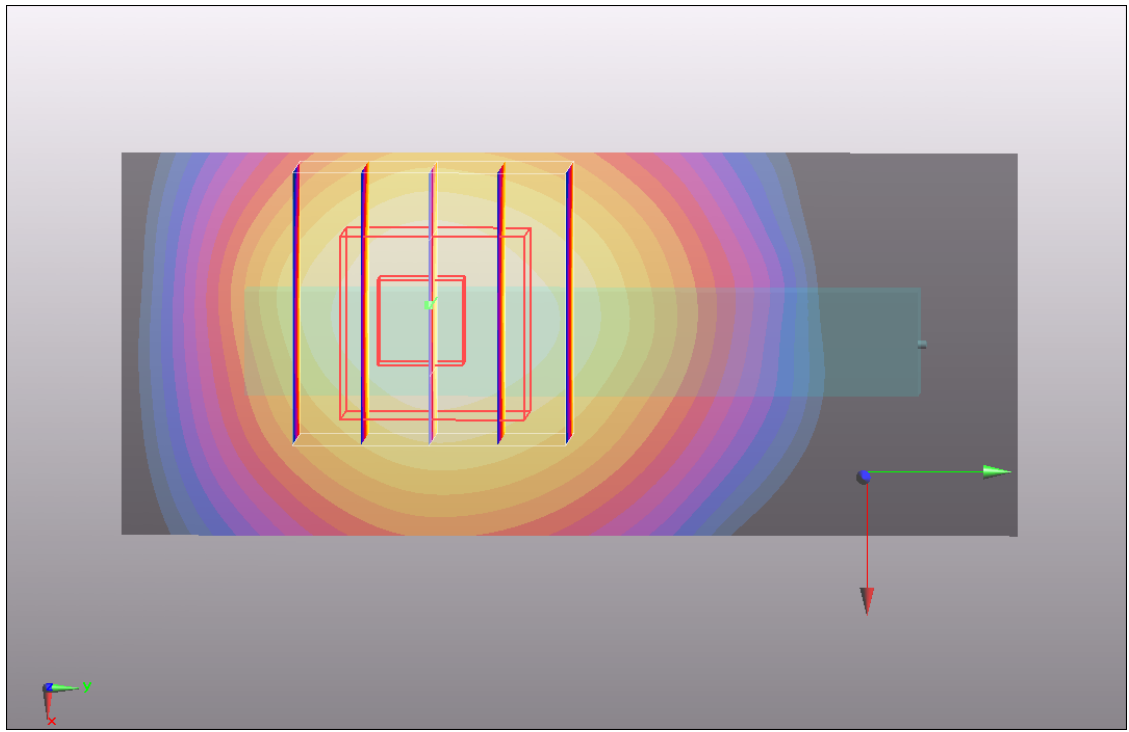
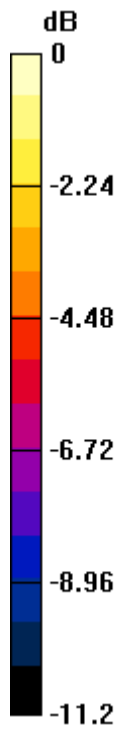
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.72 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.185 mW/g

Maximum value of SAR (measured) = 0.291 mW/g



0 dB = 0.291mW/g

#05 GSM850_Tip_0.5cm_Ch189

DUT: 070302

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: MSL_850_100714 Medium parameters used: $f = 837$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (41x31x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.132 mW/g

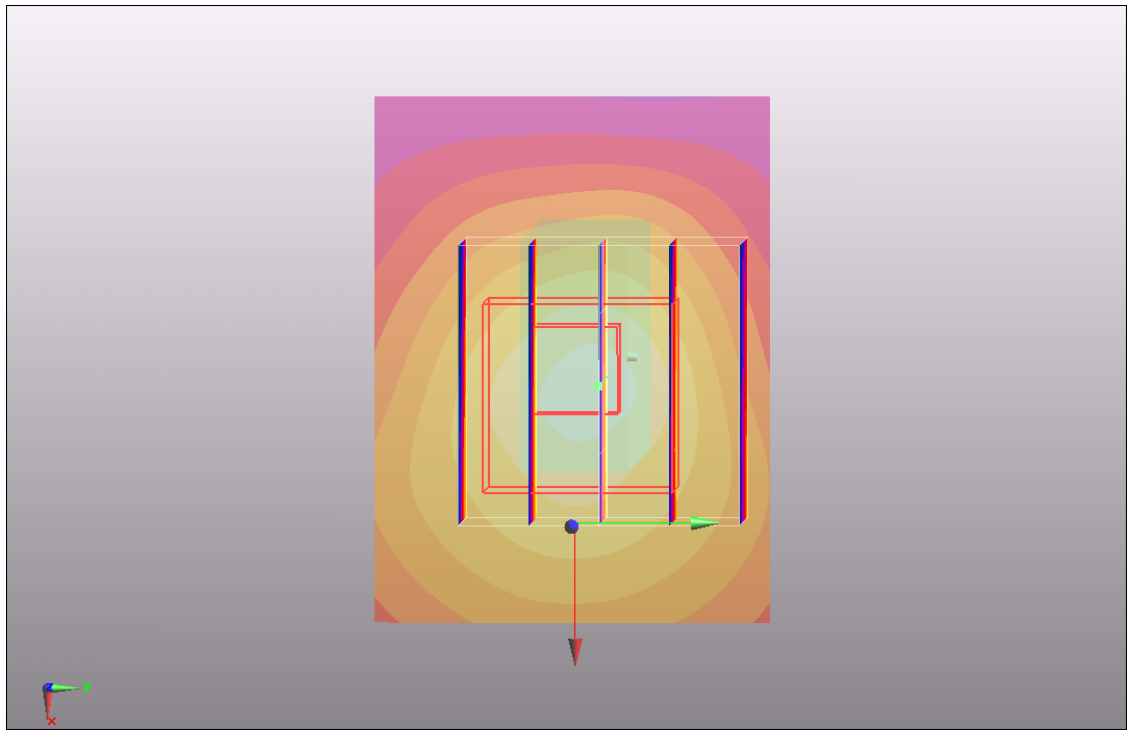
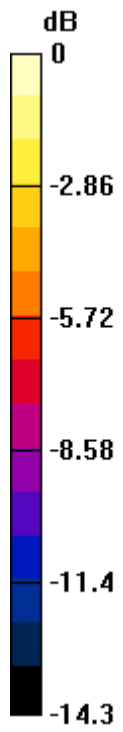
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.148 mW/g



0 dB = 0.148mW/g

#08 GSM1900_Horizontal Up_0.5cm_Ch661

DUT: 070302

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_100725 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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 (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.822 mW/g

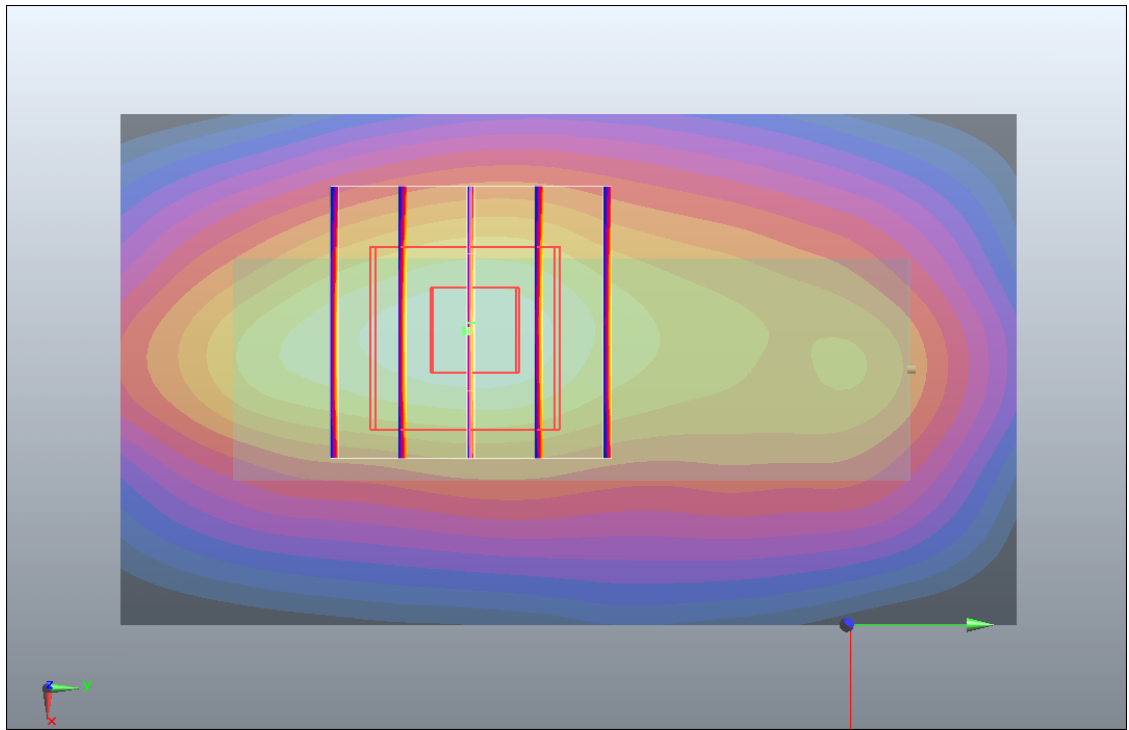
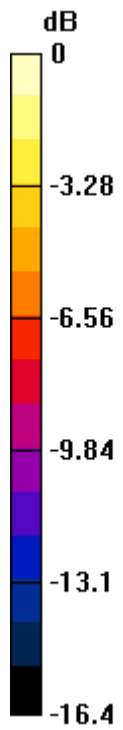
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.8 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.411 mW/g

Maximum value of SAR (measured) = 0.832 mW/g



0 dB = 0.832mW/g

#09 GSM1900_Horizontal Down_0.5cm_Ch661

DUT: 070302

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_100725 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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 (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.1 mW/g

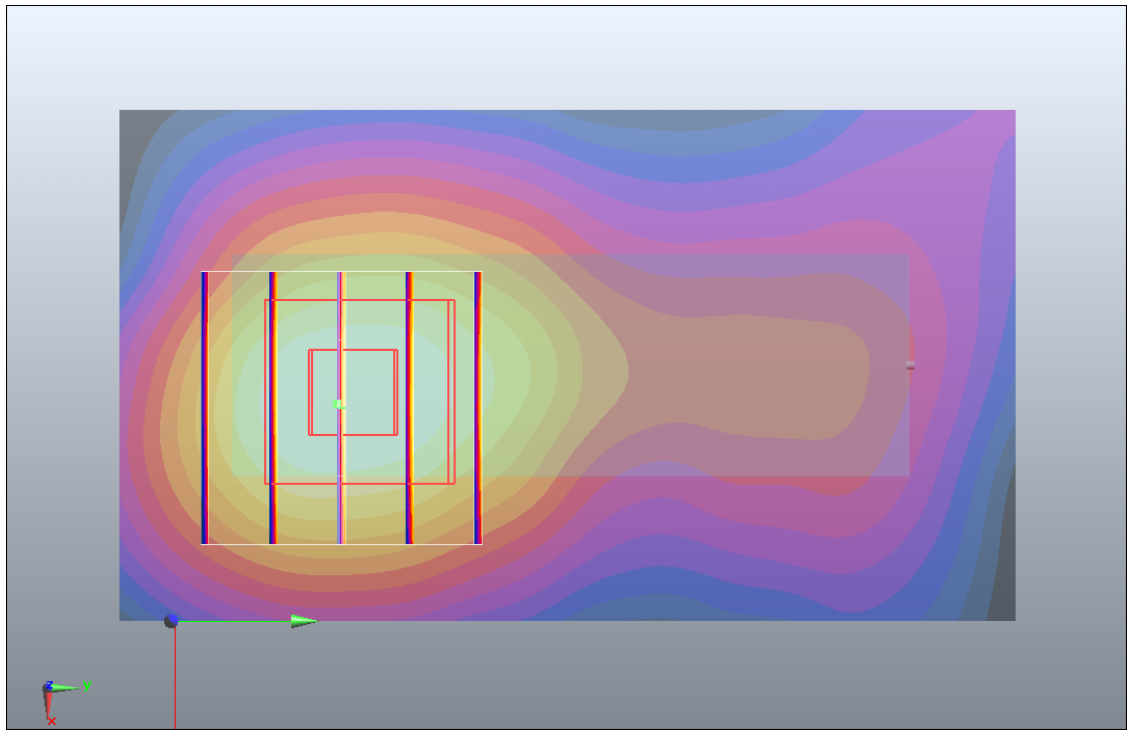
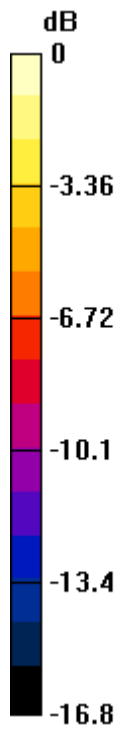
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.7 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.935 mW/g; SAR(10 g) = 0.519 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02mW/g

#09 GSM1900_Horizontal Down_0.5cm_Ch661_2D

DUT: 070302

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_100725 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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 (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.1 mW/g

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

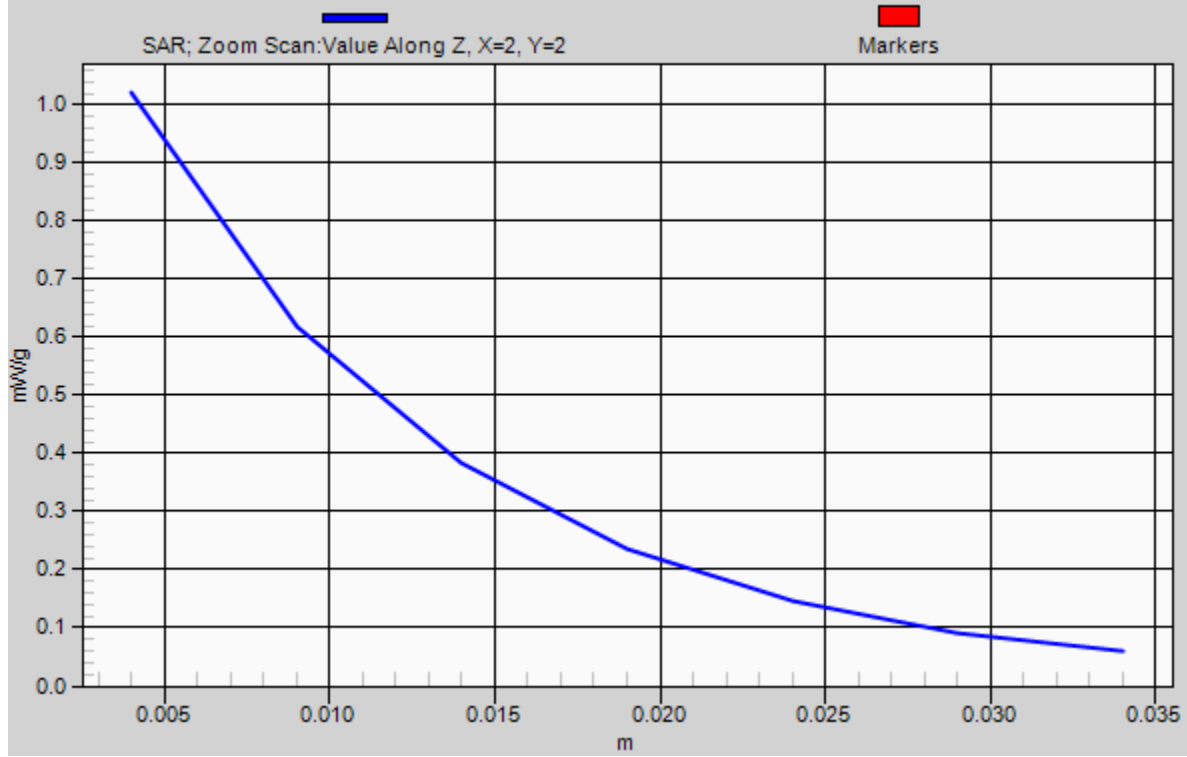
Reference Value = 17.7 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.935 mW/g; SAR(10 g) = 0.519 mW/g

Maximum value of SAR (measured) = 1.02 mW/g

1g/10g Averaged SAR



#10 GSM1900_Vertical Front_0.5cm_Ch661

DUT: 070302

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_100725 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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 (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.704 mW/g

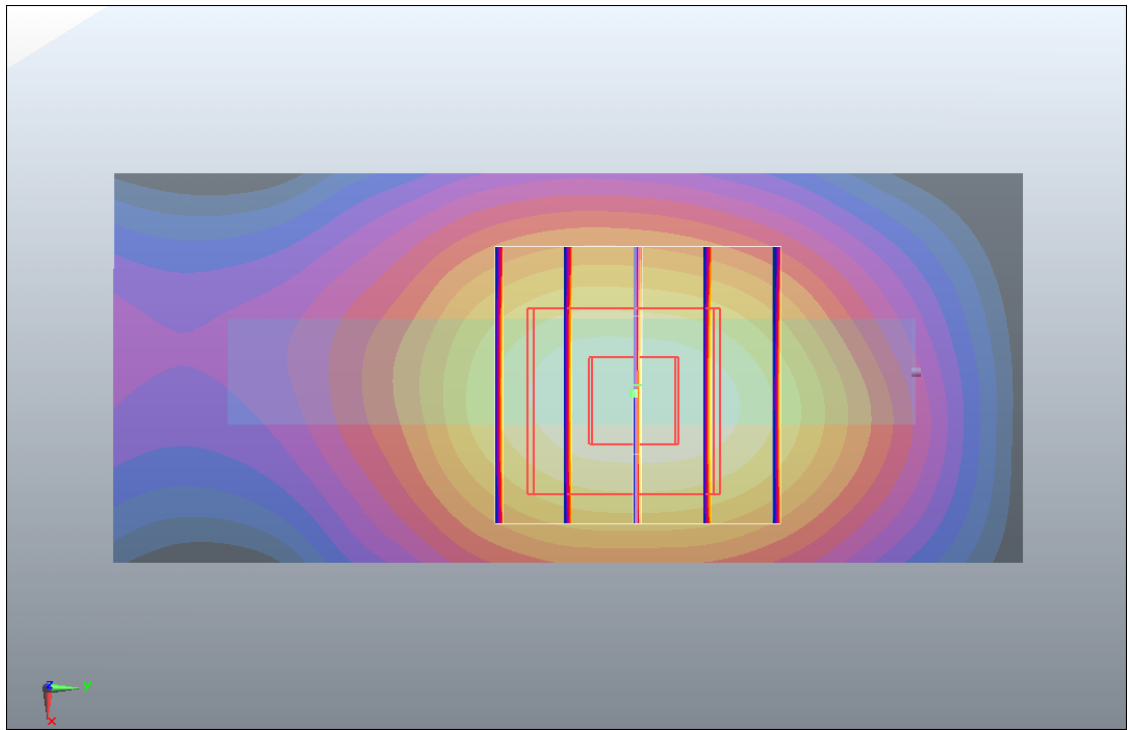
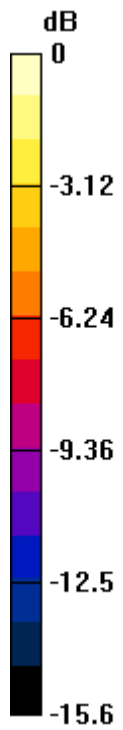
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.43 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.689 mW/g



0 dB = 0.689mW/g

#16 GSM1900_Vertical Back_0.5cm_Ch810

DUT: 070302

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_100725 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch810/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.15 mW/g

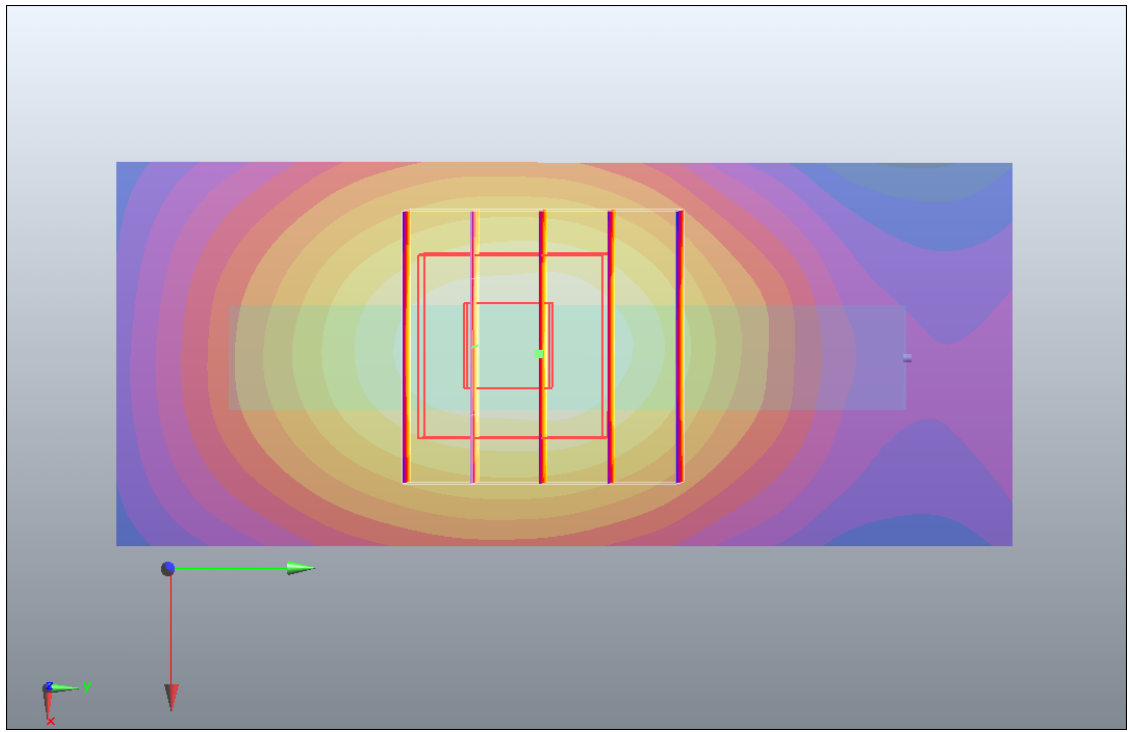
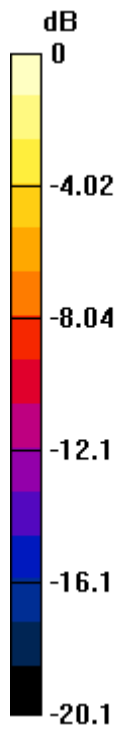
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.33 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.930 mW/g; SAR(10 g) = 0.521 mW/g

Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01mW/g

#12 GSM1900_Tip_0.5cm_Ch661

DUT: 070302

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_100725 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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 (41x31x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.063 mW/g

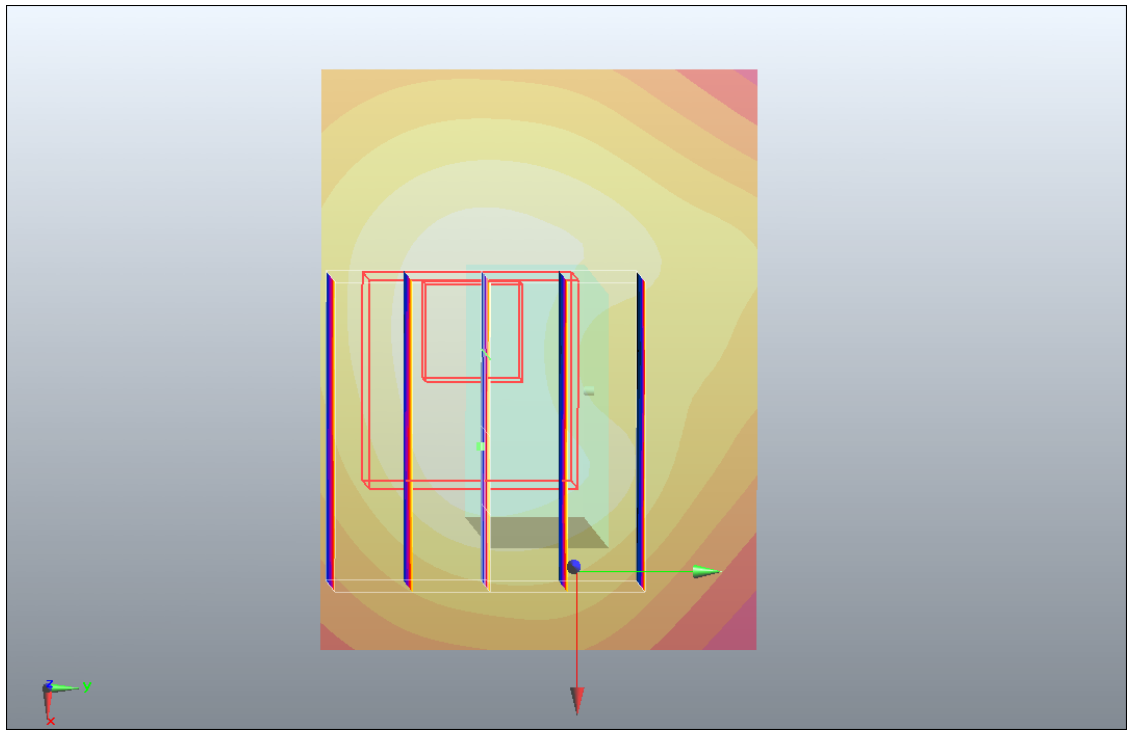
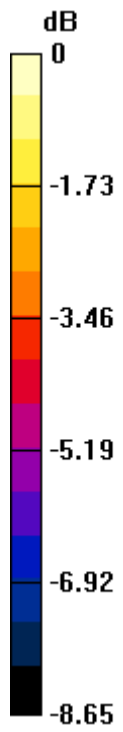
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.38 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.062 mW/g



0 dB = 0.062mW/g

#17 WCDMA V_RMC 12.2K_Horizontal Up_0.5cm_Ch4182

DUT: 070302

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

Medium: MSL_850_100714 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch4182/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.978 mW/g

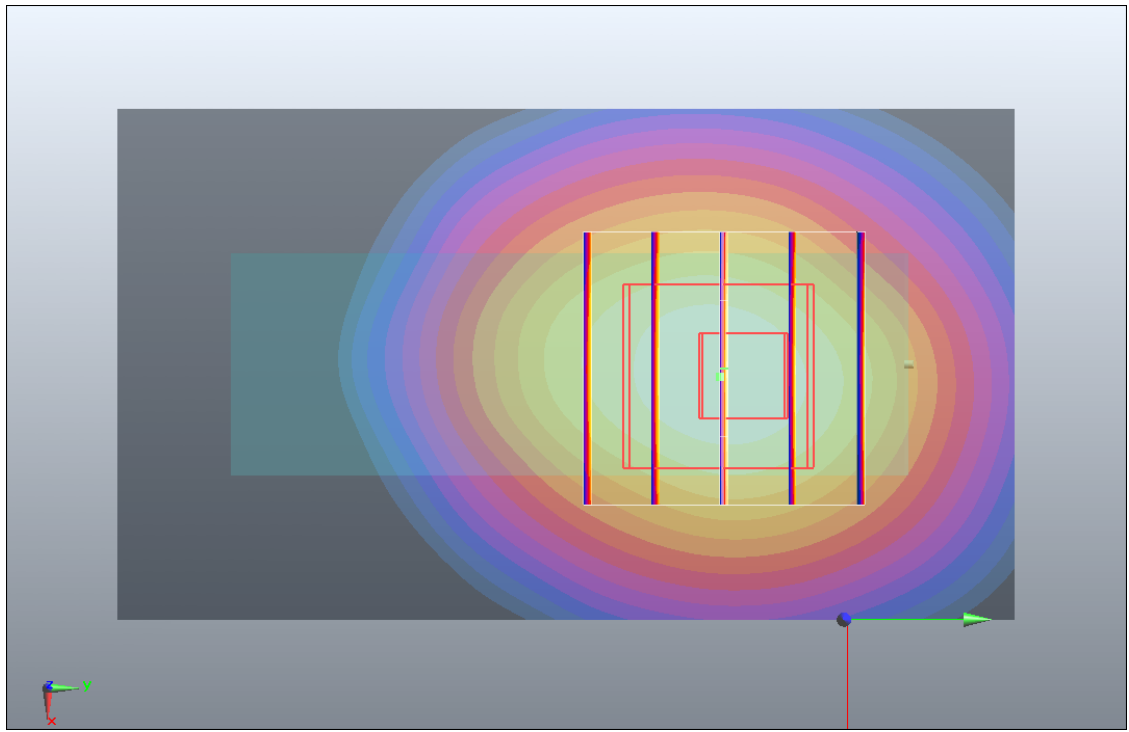
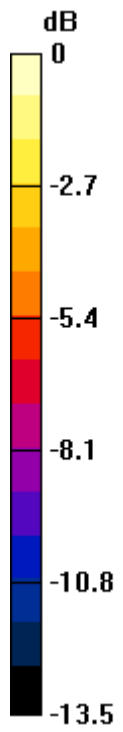
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.551 mW/g

Maximum value of SAR (measured) = 0.965 mW/g



0 dB = 0.965mW/g

#17 WCDMA V_RMC 12.2K_Horizontal Up_0.5cm_Ch4182_2D

DUT: 070302

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

Medium: MSL_850_100714 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch4182/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.978 mW/g

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

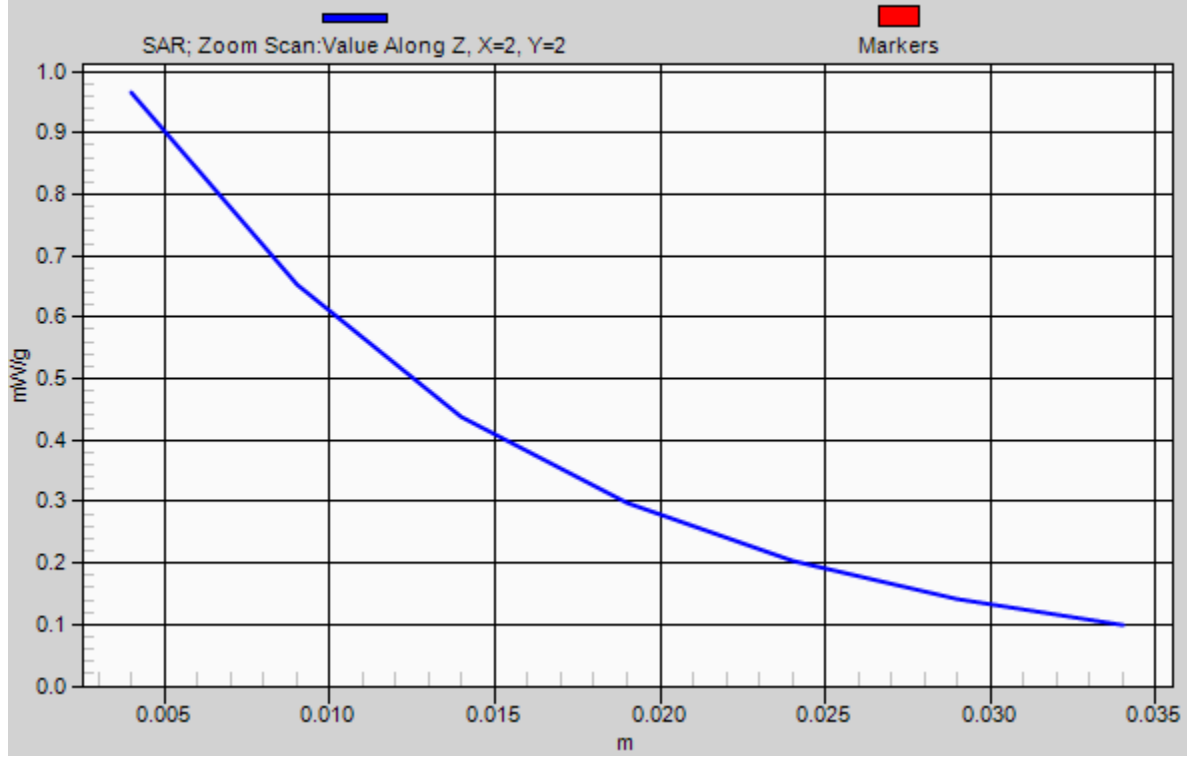
Reference Value = 17 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.551 mW/g

Maximum value of SAR (measured) = 0.965 mW/g

1g/10g Averaged SAR



#18 WCDMA V_RMC 12.2K_Horizontal Down_0.5cm_Ch4182

DUT: 070302

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

Medium: MSL_850_100714 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4182/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.603 mW/g

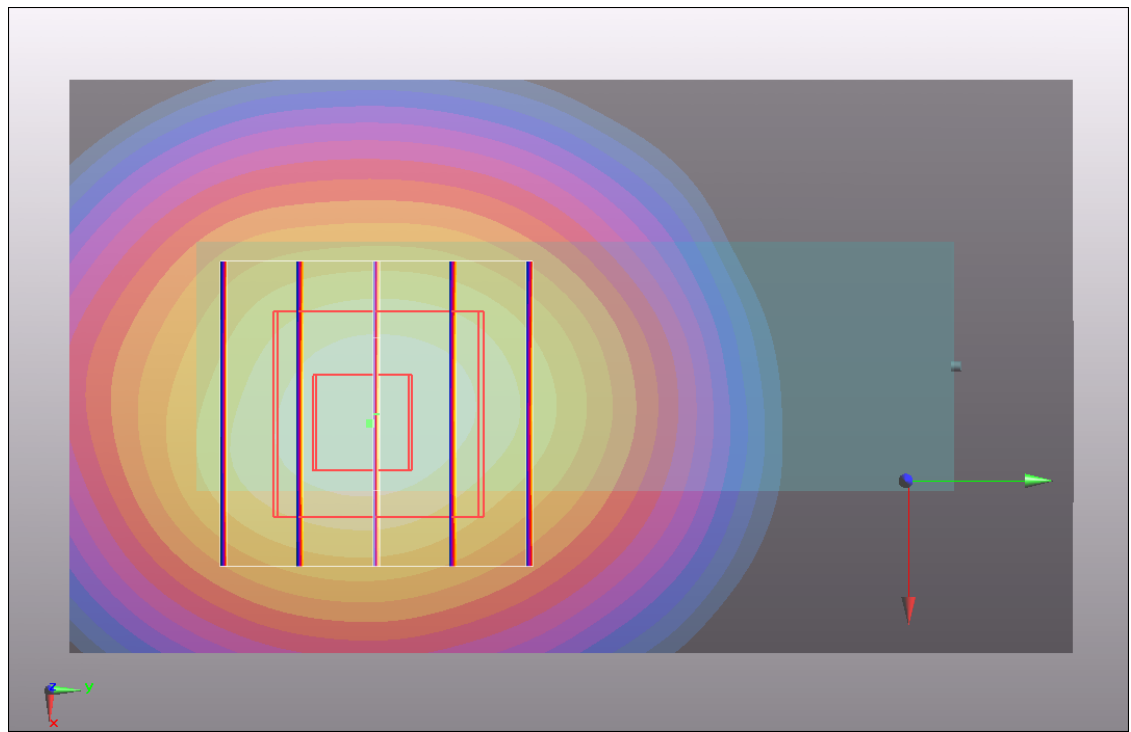
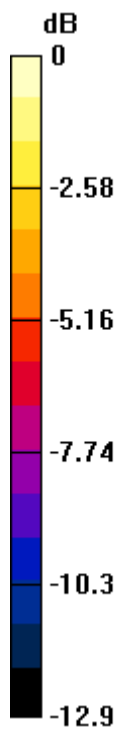
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.65 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 0.912 W/kg

SAR(1 g) = 0.556 mW/g; SAR(10 g) = 0.334 mW/g

Maximum value of SAR (measured) = 0.609 mW/g



0 dB = 0.609mW/g

#19 WCDMA V_RMC 12.2K_Vertical Front_0.5cm_Ch4182

DUT: 070302

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

Medium: MSL_850_100714 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4182/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.445 mW/g

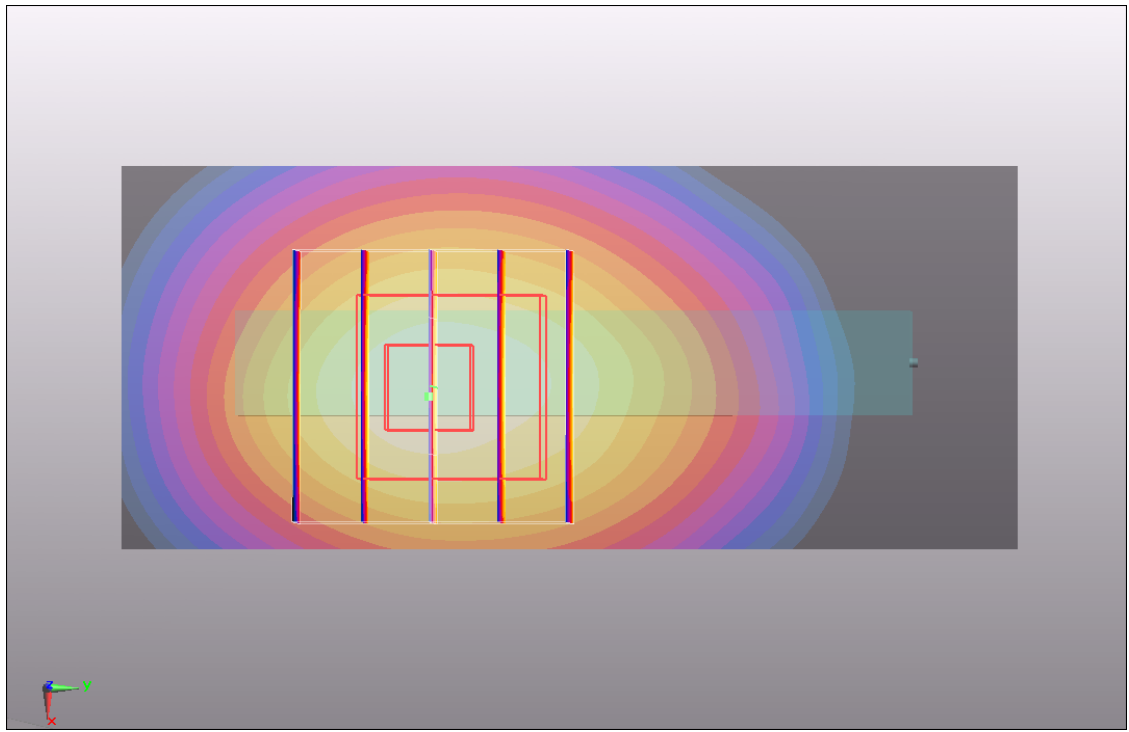
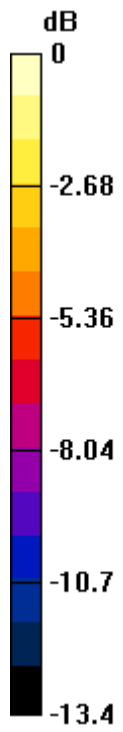
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.56 V/m; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 0.645 W/kg

SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 0.438 mW/g



0 dB = 0.438mW/g

#20 WCDMA V_RMC 12.2K_Vertical Back_0.5cm_Ch4182

DUT: 070302

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

Medium: MSL_850_100714 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4182/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.266 mW/g

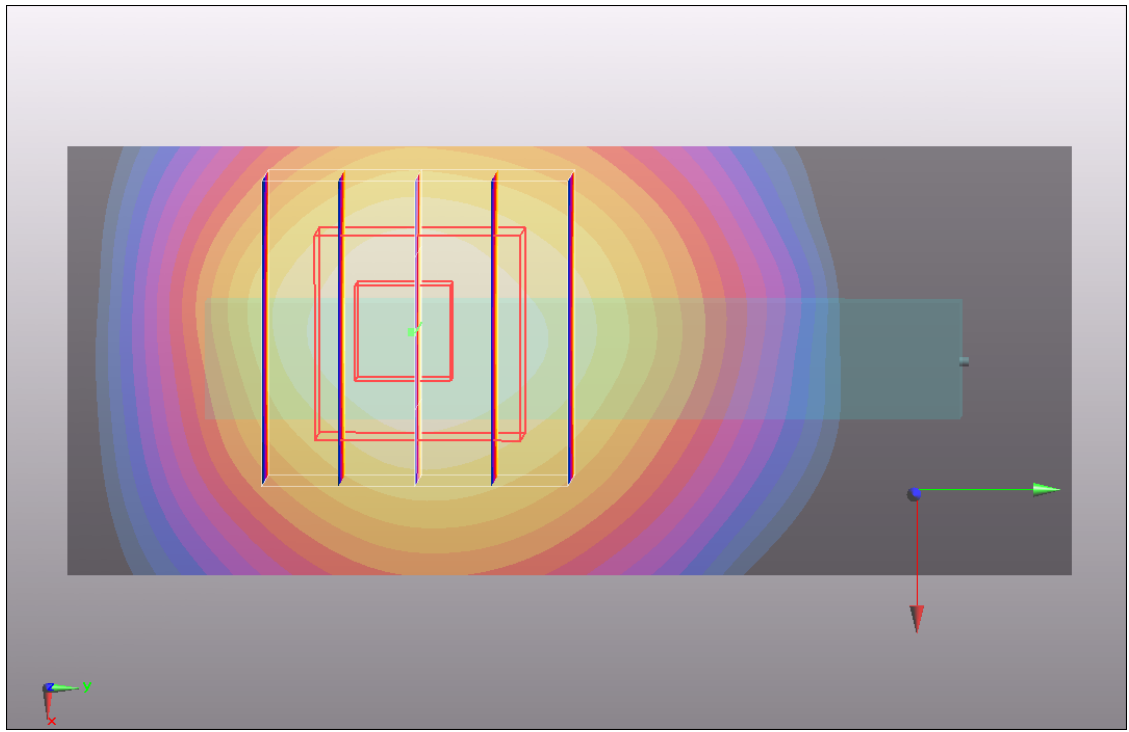
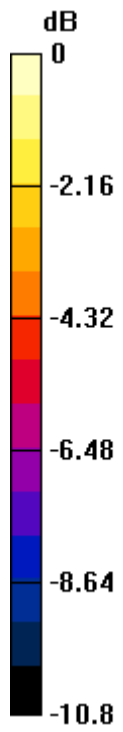
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.44 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.156 mW/g

Maximum value of SAR (measured) = 0.247 mW/g



0 dB = 0.247mW/g

#21 WCDMA V_RMC 12.2K_Tip_0.5cm_Ch4182

DUT: 070302

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

Medium: MSL_850_100714 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4182/Area Scan (41x31x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.119 mW/g

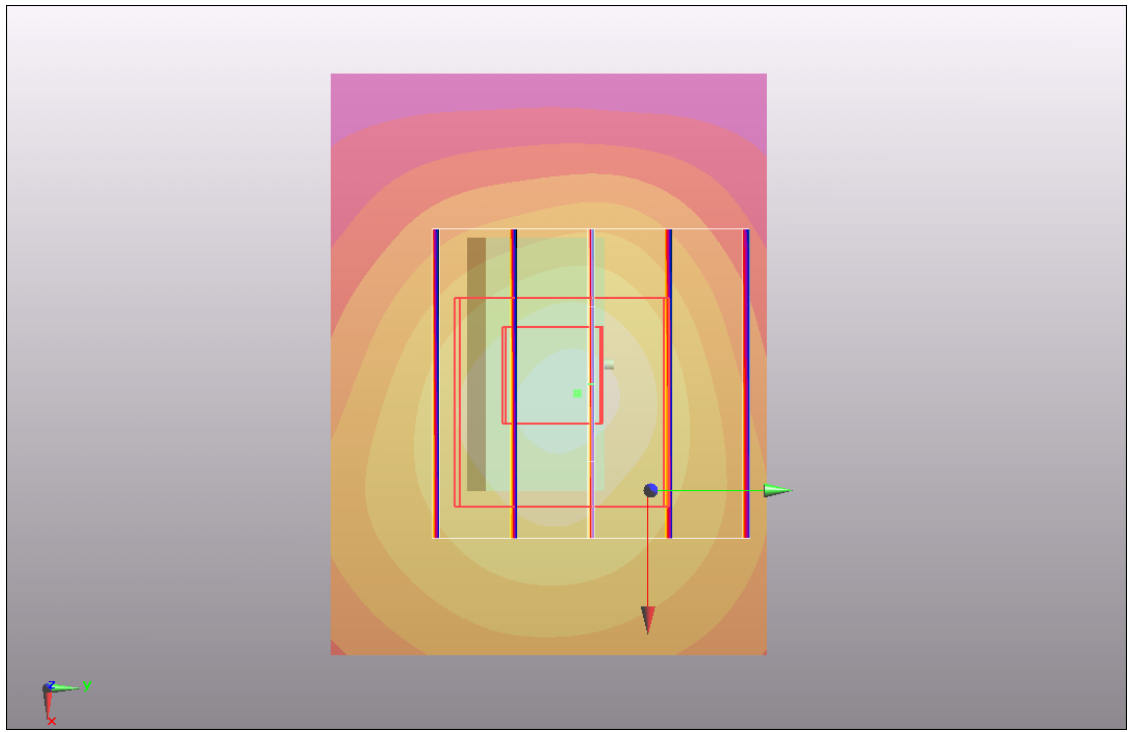
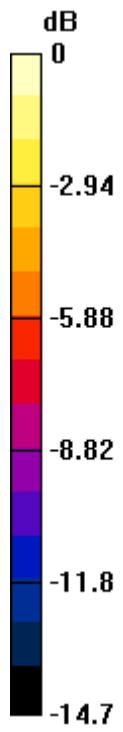
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.65 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.065 mW/g

Maximum value of SAR (measured) = 0.135 mW/g



0 dB = 0.135mW/g

#29 WCDMA IV_RMC 12.2K_Horizontal Up_0.5cm_Ch1312

DUT: 070302

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

Medium: MSL_1800_100725 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.37, 7.37, 7.37); Calibrated: 2009/11/23
- 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

Ch1312/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.976 mW/g

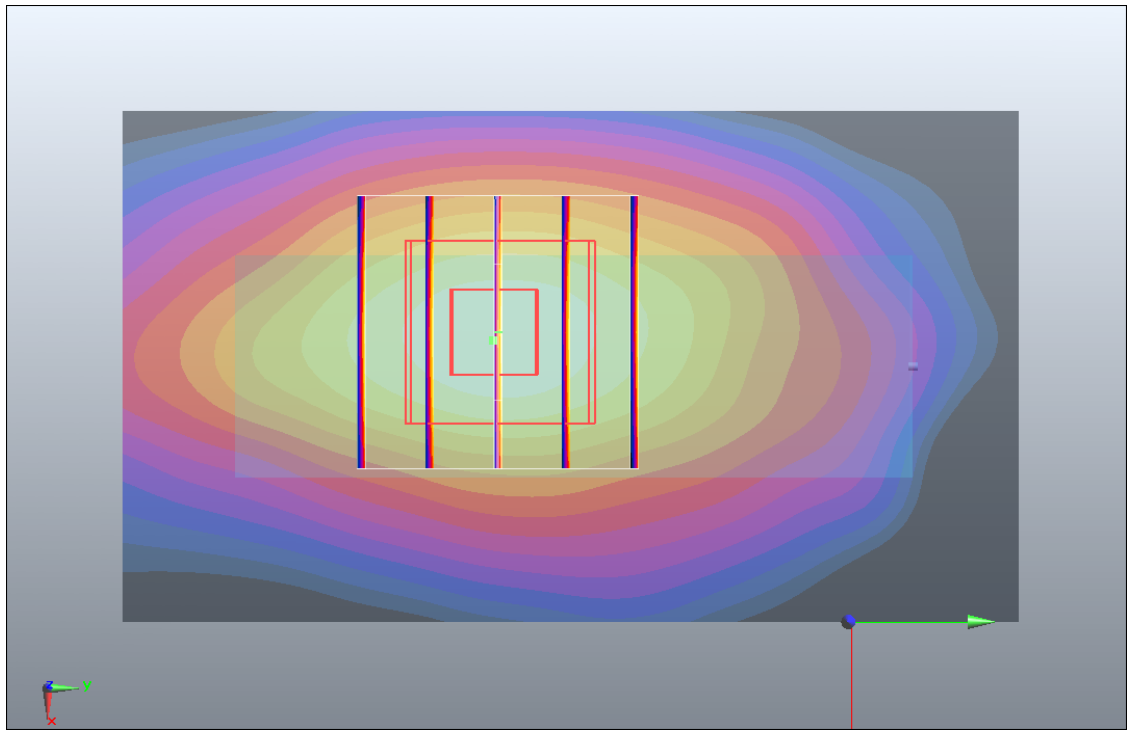
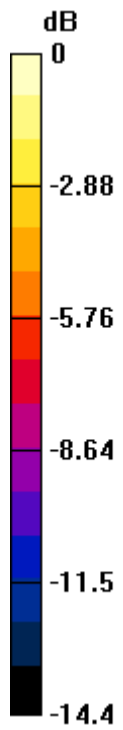
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.48 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.514 mW/g

Maximum value of SAR (measured) = 0.975 mW/g



0 dB = 0.975mW/g

#29 WCDMA IV_RMC 12.2K_Horizontal Up_0.5cm_Ch1312_2D

DUT: 070302

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

Medium: MSL_1800_100725 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.37, 7.37, 7.37); Calibrated: 2009/11/23
- 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

Ch1312/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.976 mW/g

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

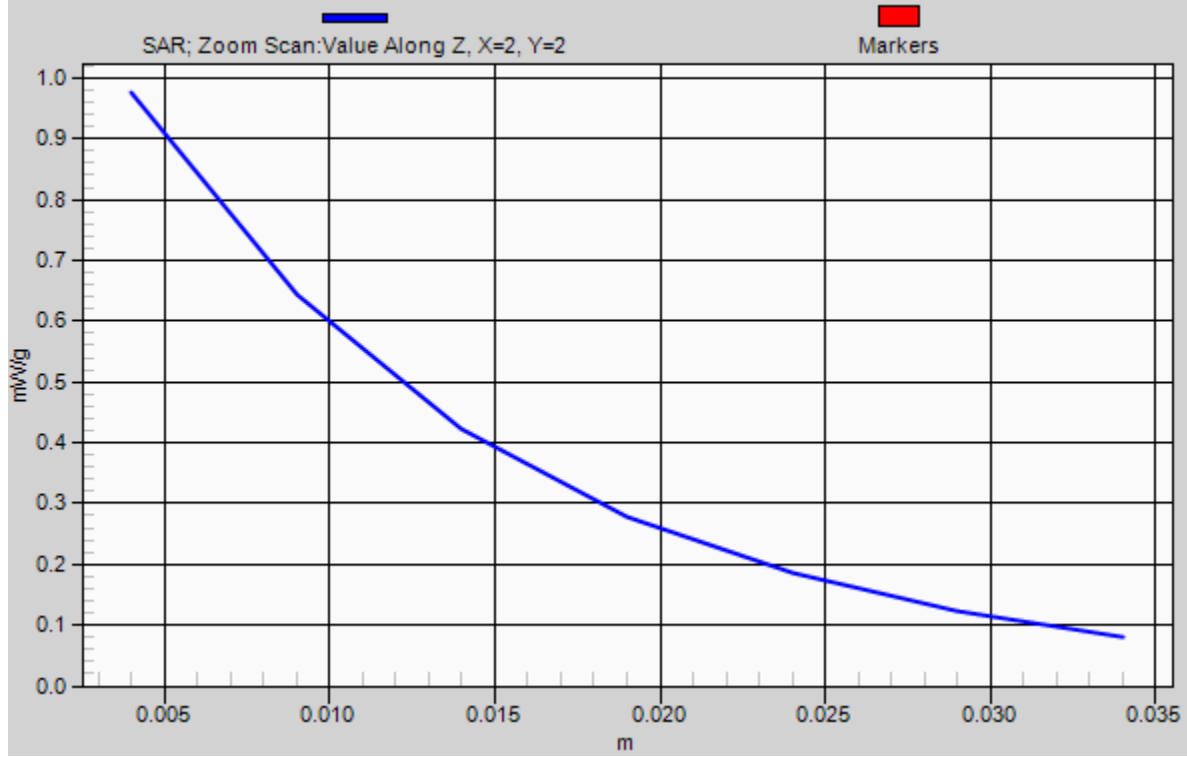
Reference Value = 6.48 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.514 mW/g

Maximum value of SAR (measured) = 0.975 mW/g

1g/10g Averaged SAR



#25 WCDMA IV_RMC 12.2K_Horizontal Down_0.5cm_Ch1413

DUT: 070302

Communication System: UMTS; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1800_100725 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.37, 7.37, 7.37); Calibrated: 2009/11/23
- 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

Ch1413/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.787 mW/g

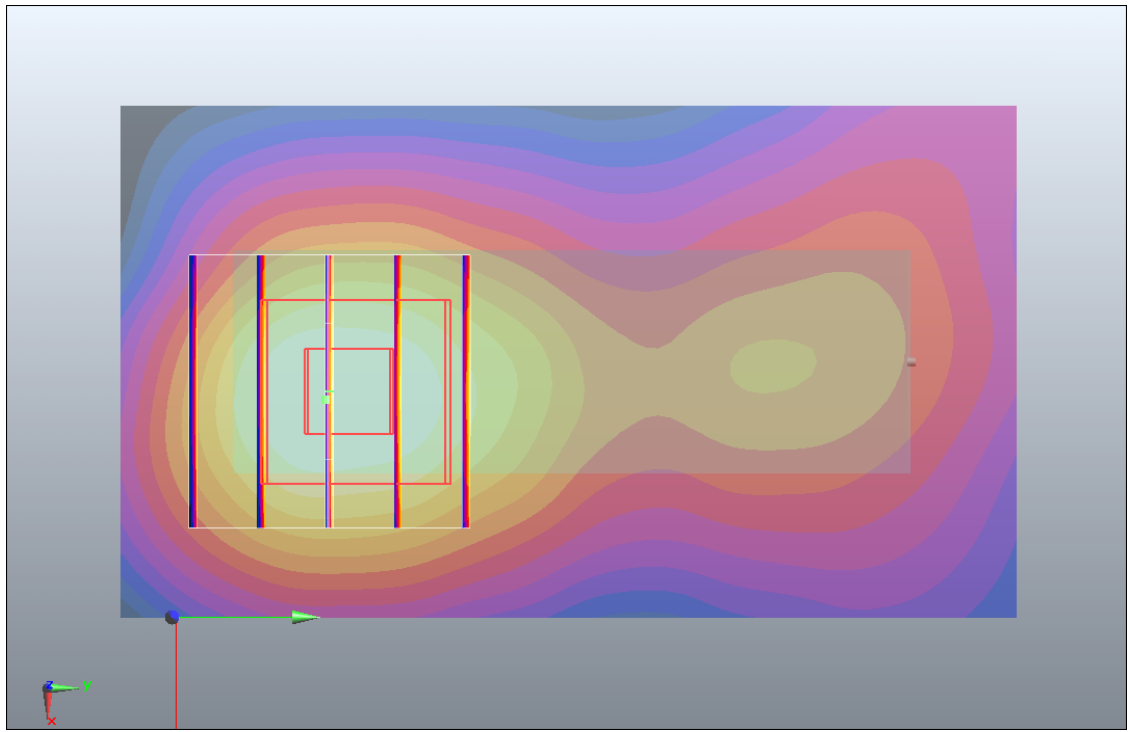
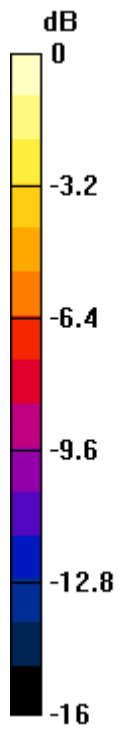
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.9 V/m; Power Drift = 0.068 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.370 mW/g

Maximum value of SAR (measured) = 0.708 mW/g



0 dB = 0.708mW/g

#26 WCDMA IV_RMC 12.2K_Verical Front_0.5cm_Ch1413

DUT: 070302

Communication System: UMTS; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1800_100725 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.37, 7.37, 7.37); Calibrated: 2009/11/23
- 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

Ch1413/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.611 mW/g

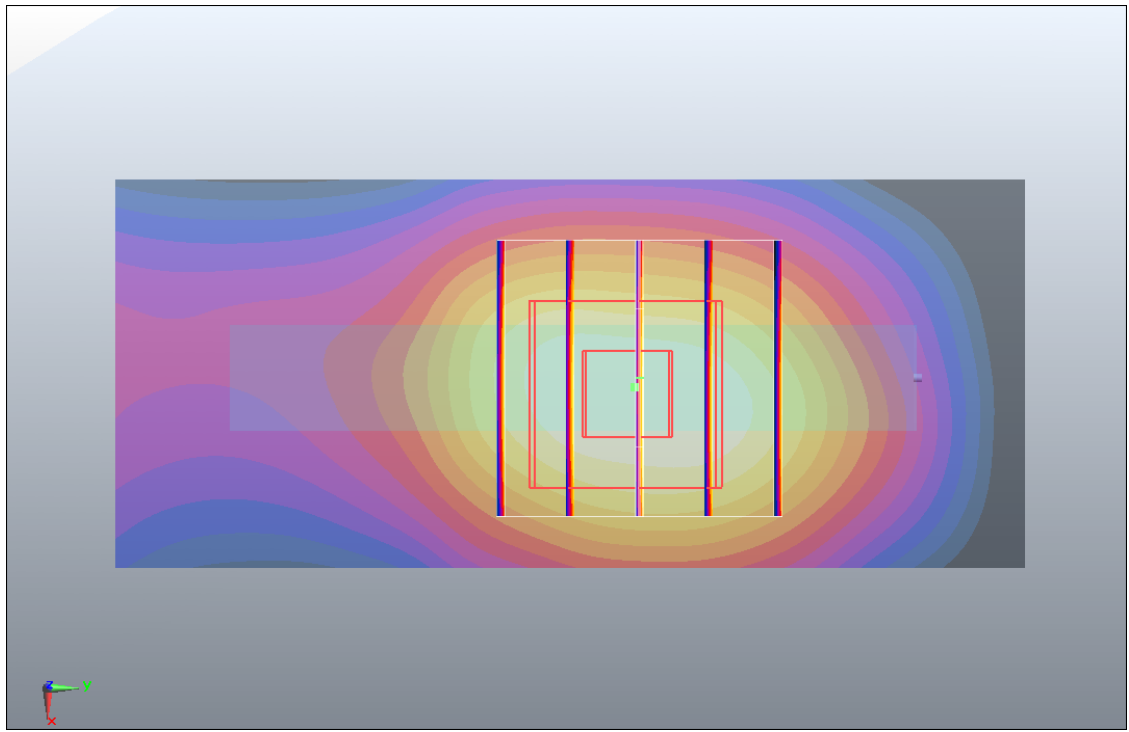
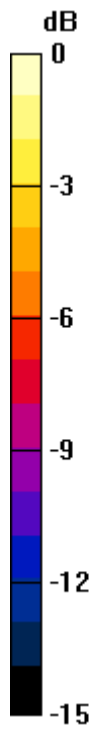
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.85 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.873 W/kg

SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.302 mW/g

Maximum value of SAR (measured) = 0.568 mW/g



0 dB = 0.568mW/g

#27 WCDMA IV_RMC 12.2K_Veritical Back_0.5cm_Ch1413

DUT: 070302

Communication System: UMTS; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1800_100725 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.37, 7.37, 7.37); Calibrated: 2009/11/23
- 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

Ch1413/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.879 mW/g

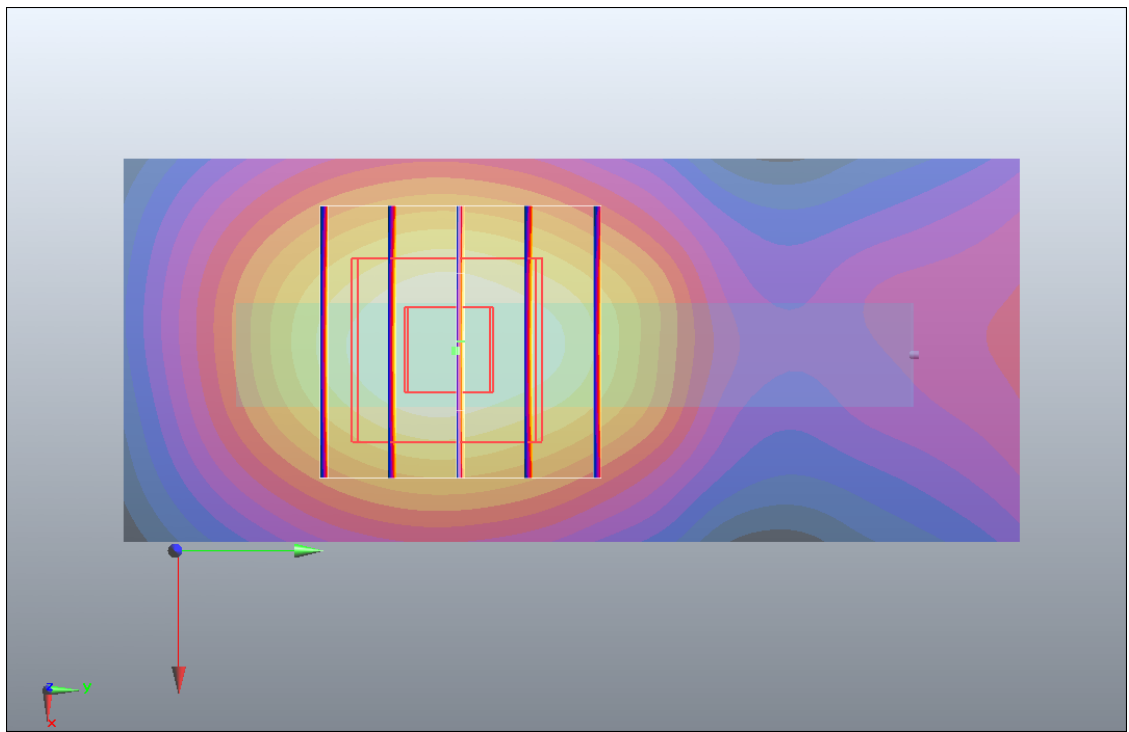
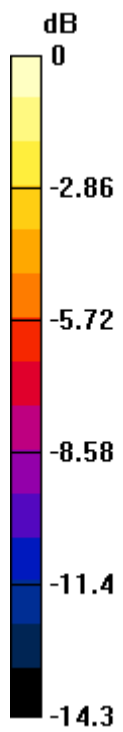
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.406 mW/g

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



0 dB = 0.762mW/g

#28 WCDMA IV_RMC 12.2K_Tip_0.5cm_Ch1413

DUT: 070302

Communication System: UMTS; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1800_100725 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.37, 7.37, 7.37); Calibrated: 2009/11/23
- 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

Ch1413/Area Scan (41x31x1): Measurement grid: dx=15mm, dy=15mm

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

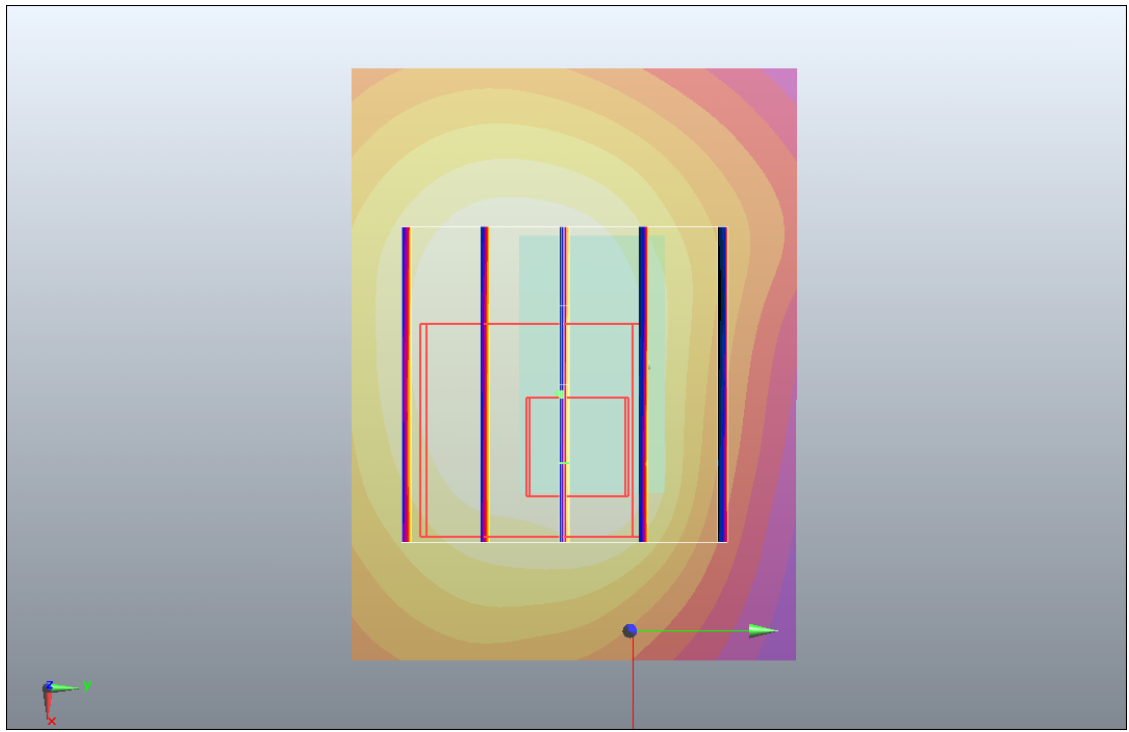
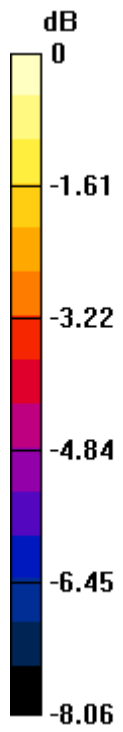
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.96 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 0.068 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.049 mW/g



0 dB = 0.049mW/g

#36 WCDMA II_RMC 12.2K_Horizontal Up_0.5cm_Ch9262

DUT: 070302

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

Medium: MSL_1900_100725 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch9262/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.19 mW/g

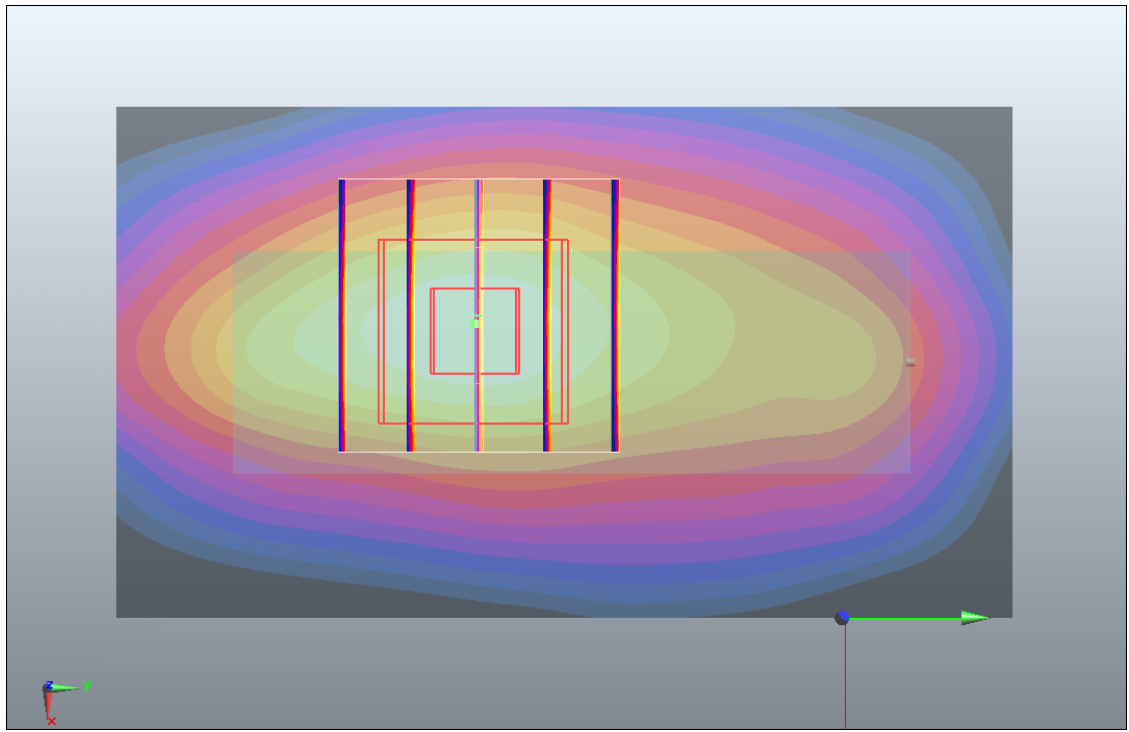
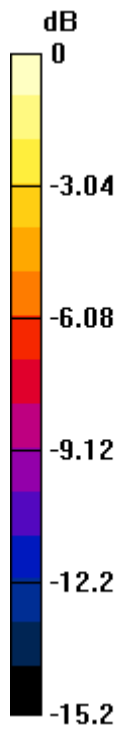
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.00533 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.581 mW/g

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



0 dB = 1.16mW/g

#36 WCDMA II_RMC 12.2K_Horizontal Up_0.5cm_Ch9262_2D

DUT: 070302

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

Medium: MSL_1900_100725 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch9262/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.19 mW/g

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

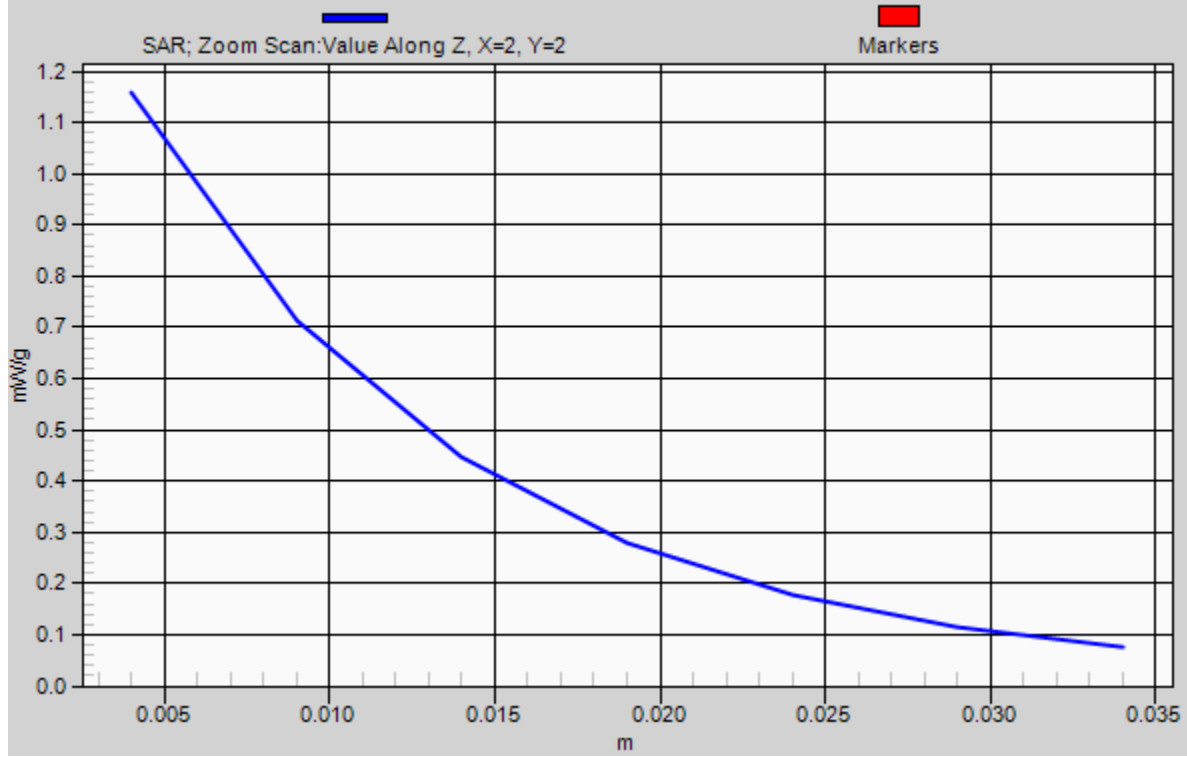
Reference Value = 10.2 V/m; Power Drift = -0.00533 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.581 mW/g

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

1g/10g Averaged SAR



#32 WCDMA II_RMC 12.2K_Horizontal Down_0.5cm_Ch9400

DUT: 070302

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

Medium: MSL_1900_100725 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch9400/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.612 mW/g

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

Reference Value = 6.97 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 0.931 W/kg

SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.328 mW/g

Maximum value of SAR (measured) = 0.630 mW/g

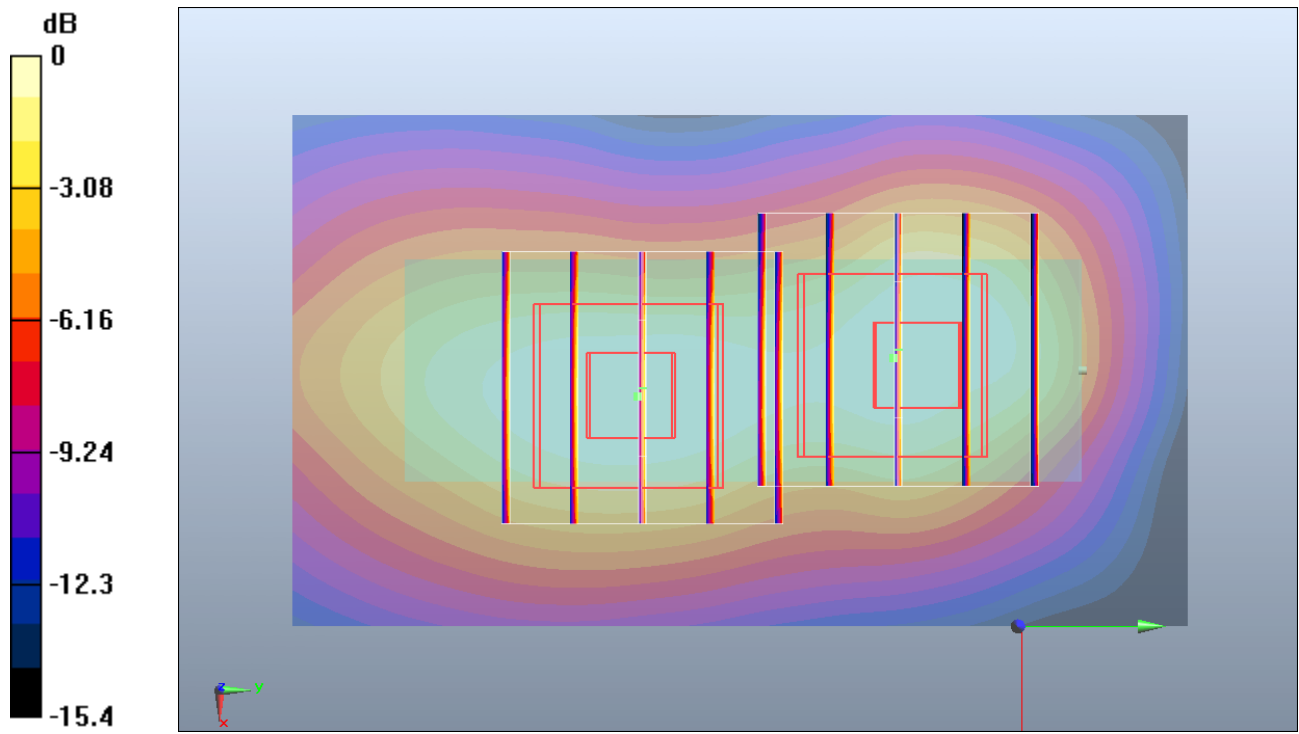
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.97 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 0.957 W/kg

SAR(1 g) = 0.535 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 0.571 mW/g



0 dB = 0.571mW/g

#33 WCDMA II_RMC 12.2K_Verical Front_0.5cm_Ch9400

DUT: 070302

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

Medium: MSL_1900_100725 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch9400/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.806 mW/g

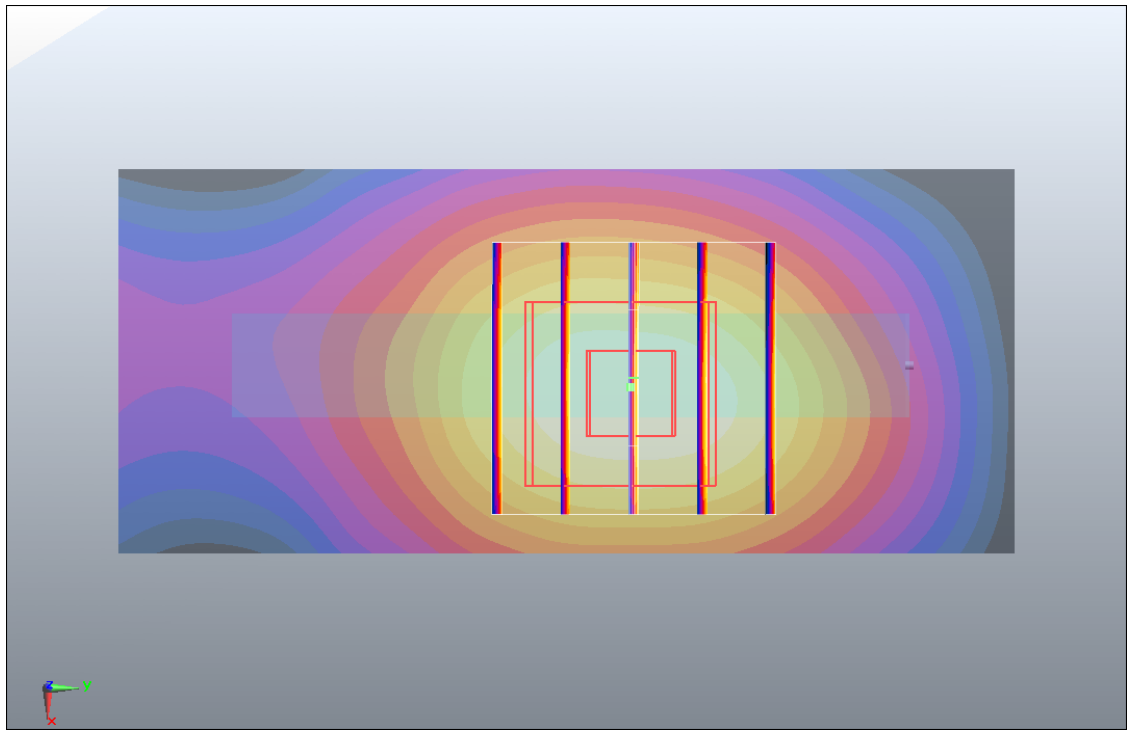
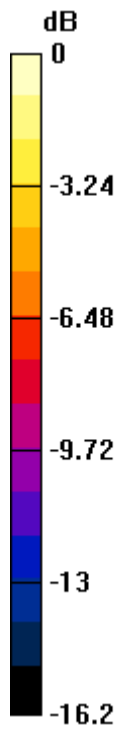
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.45 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 0.789 mW/g



0 dB = 0.789mW/g

#34 WCDMA II_RMC 12.2K_Veritical Back_0.5cm_Ch9400

DUT: 070302

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

Medium: MSL_1900_100725 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch9400/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.14 mW/g

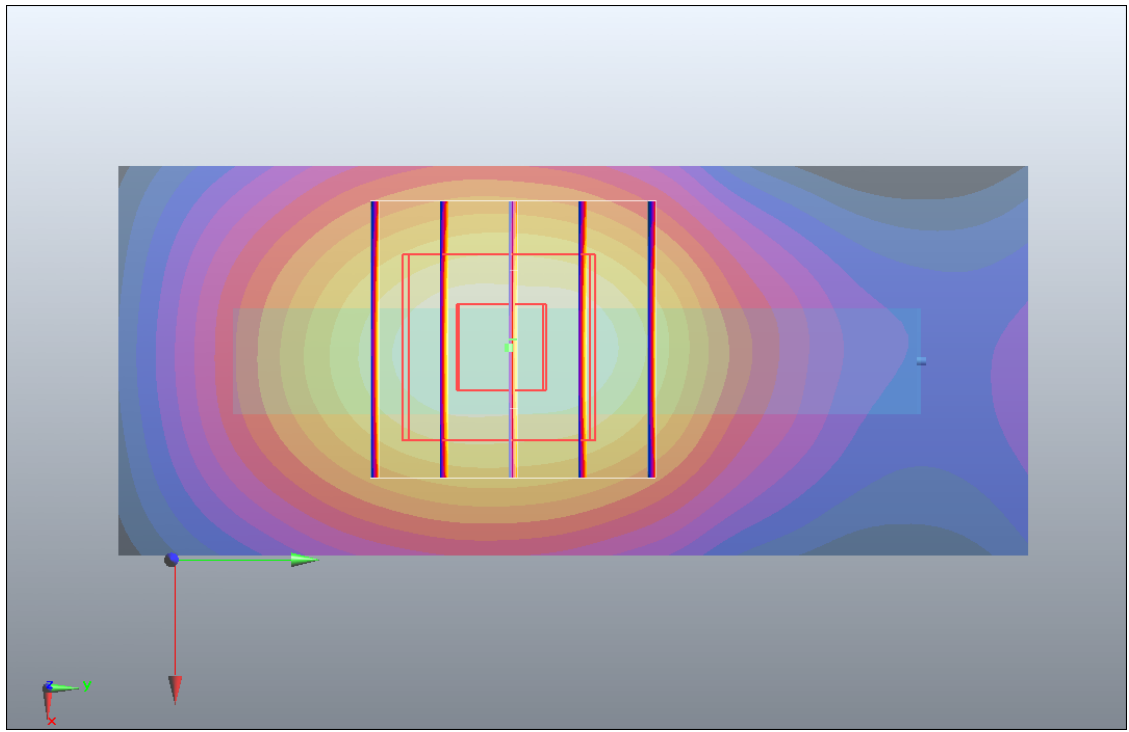
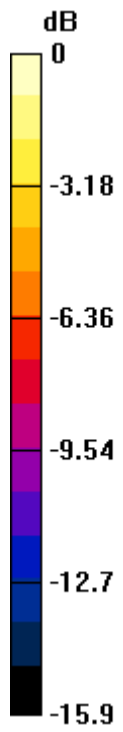
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.938 mW/g; SAR(10 g) = 0.530 mW/g

Maximum value of SAR (measured) = 1.03 mW/g



0 dB = 1.03mW/g

#35 WCDMA II_RMC 12.2K_Tip_0.5cm_Ch9400

DUT: 070302

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

Medium: MSL_1900_100725 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch9400/Area Scan (41x31x1): Measurement grid: dx=15mm, dy=15mm

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

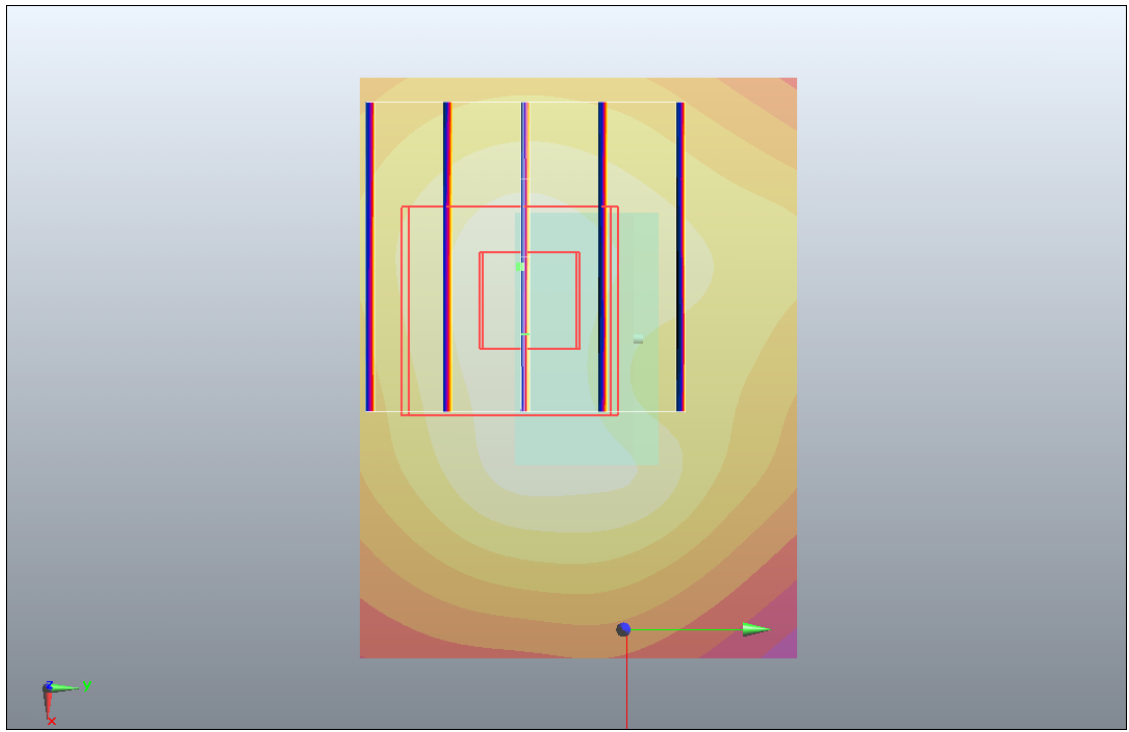
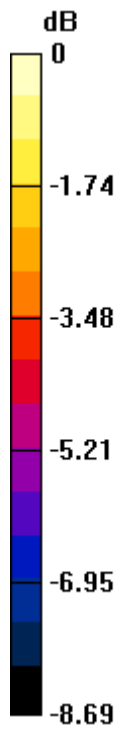
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.36 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.085 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.063 mW/g



0 dB = 0.063mW/g