

#01_GSM850_GPRS(2Tx slots)_Left Cheek_Ch128

Communication System: GPRS/EDGE (2 Tx slots) (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_835_150415 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.894$ mho/m; $\epsilon_r =$

42.395; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.41, 9.41, 9.41); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.767 mW/g

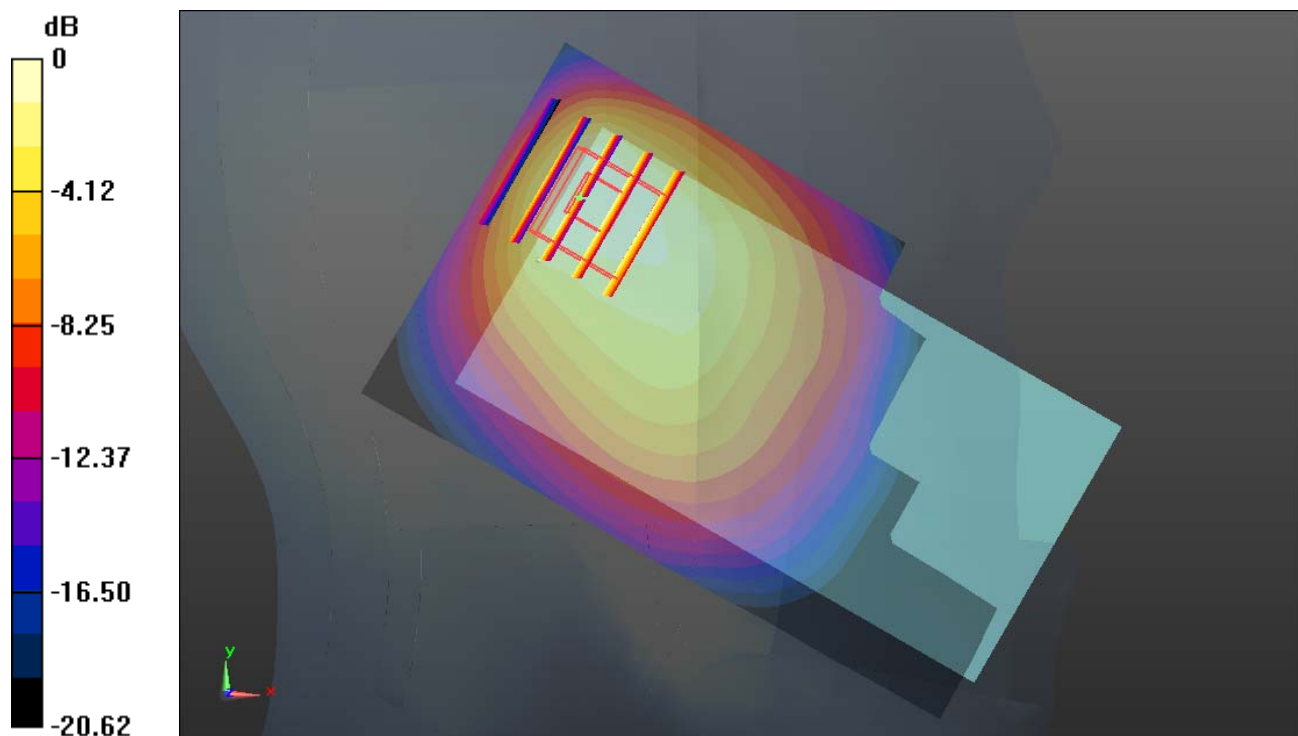
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.615 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.187 W/kg

SAR(1 g) = 1.090 mW/g; SAR(10 g) = 0.643 mW/g

Maximum value of SAR (measured) = 1.532 mW/g



0 dB = 1.530mW/g

#02_GSM1900_GSM Voice_Left Cheek_Ch810

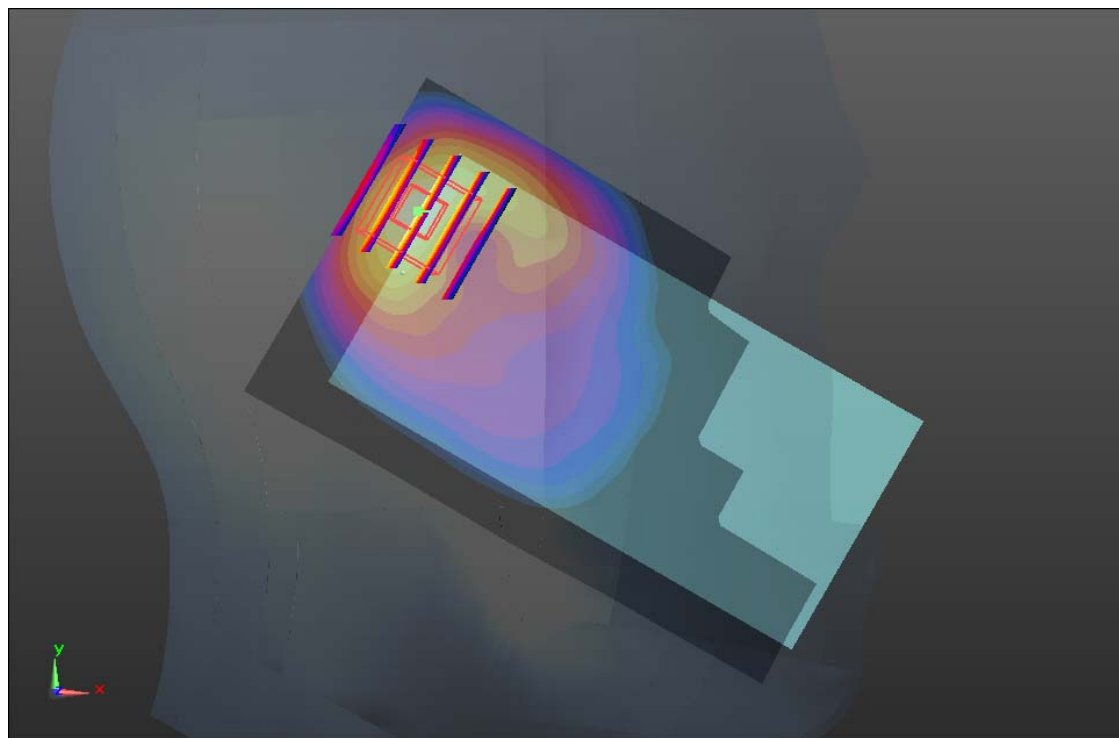
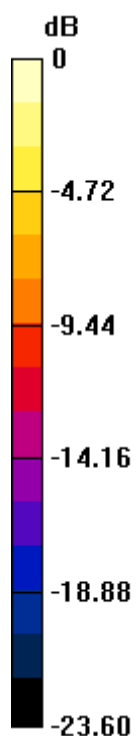
Communication System: General GSM (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_1900_150415 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.434$ mho/m; $\epsilon_r = 38.942$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.4, 8.4, 8.4); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.557 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.596 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.119 W/kg
SAR(1 g) = 0.959 mW/g; SAR(10 g) = 0.406 mW/g
Maximum value of SAR (measured) = 1.595 mW/g



0 dB = 1.600mW/g

#03_WCDMA Band V_RMC12.2Kbps_Left Cheek_Ch4132

Communication System: UMTS (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL_835_150216 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r =$

41.154; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.41, 9.41, 9.41); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.181 mW/g

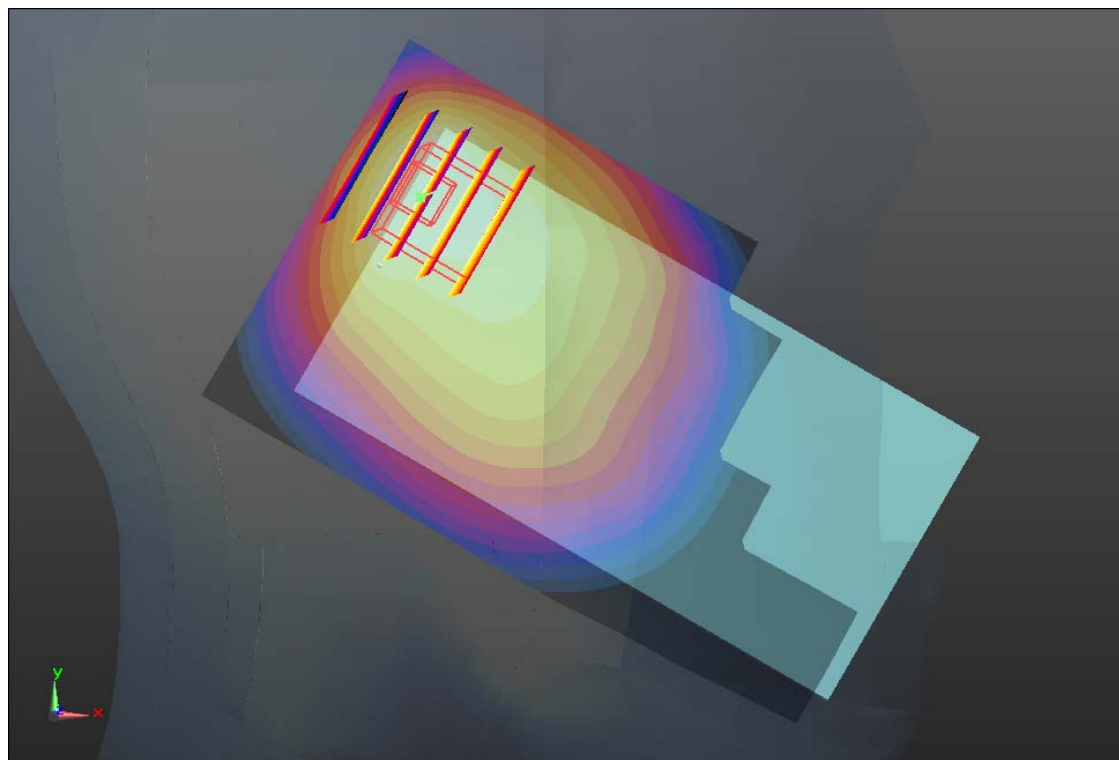
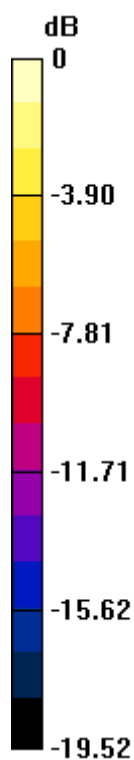
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.028 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.590 W/kg

SAR(1 g) = 1.230 mW/g; SAR(10 g) = 0.747 mW/g

Maximum value of SAR (measured) = 1.681 mW/g



0 dB = 1.680mW/g

#04_WCDMA Band II_RMC12.2Kbps_Left Tilted_Ch9400

Communication System: UMTS (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_150216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.992 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.4, 8.4, 8.4); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.667 mW/g

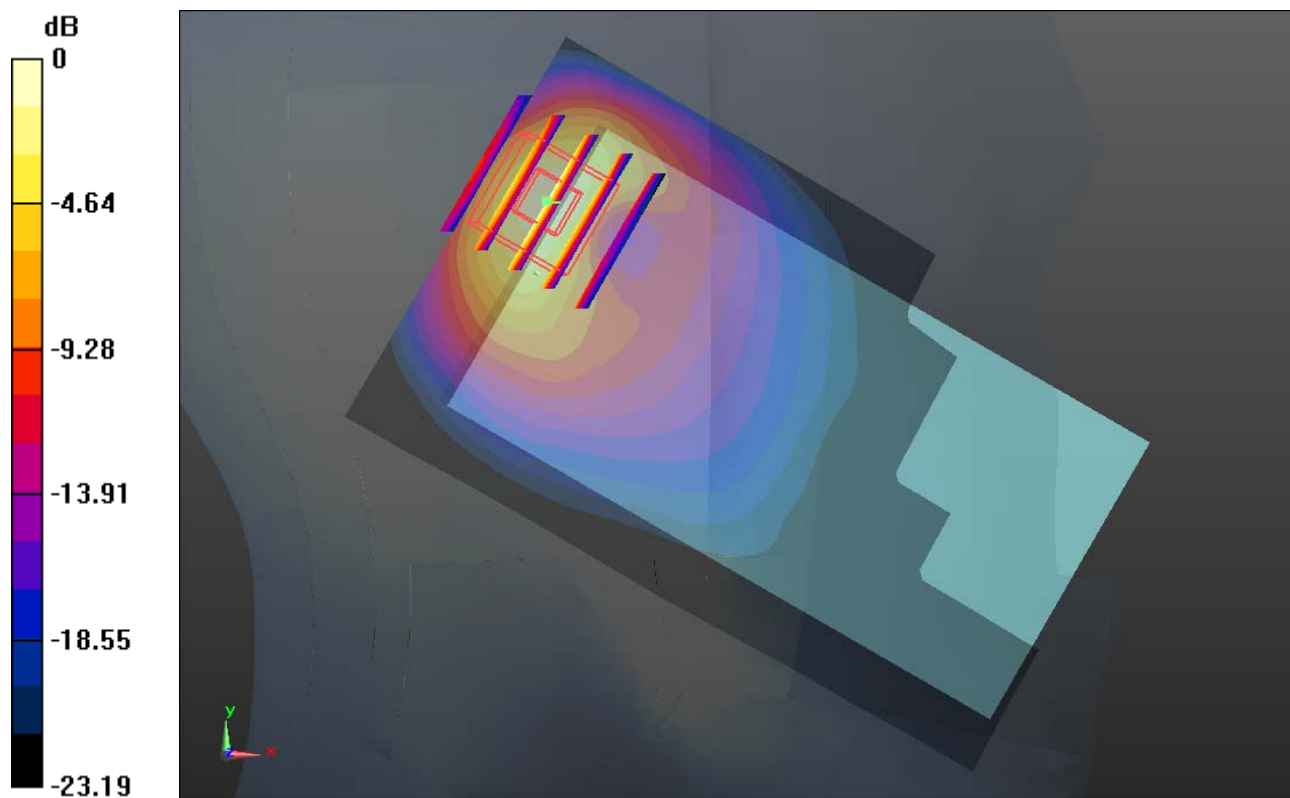
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.671 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.108 W/kg

SAR(1 g) = 1.040 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 1.655 mW/g



0 dB = 1.660 mW/g

#05_LTE Band 4_20M_QPSK(50,0)_Left Cheek_Ch20175

Communication System: FDD_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1750_150217 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.355$ mho/m; $\epsilon_r =$

41.479; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.55, 8.55, 8.55); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.084 mW/g

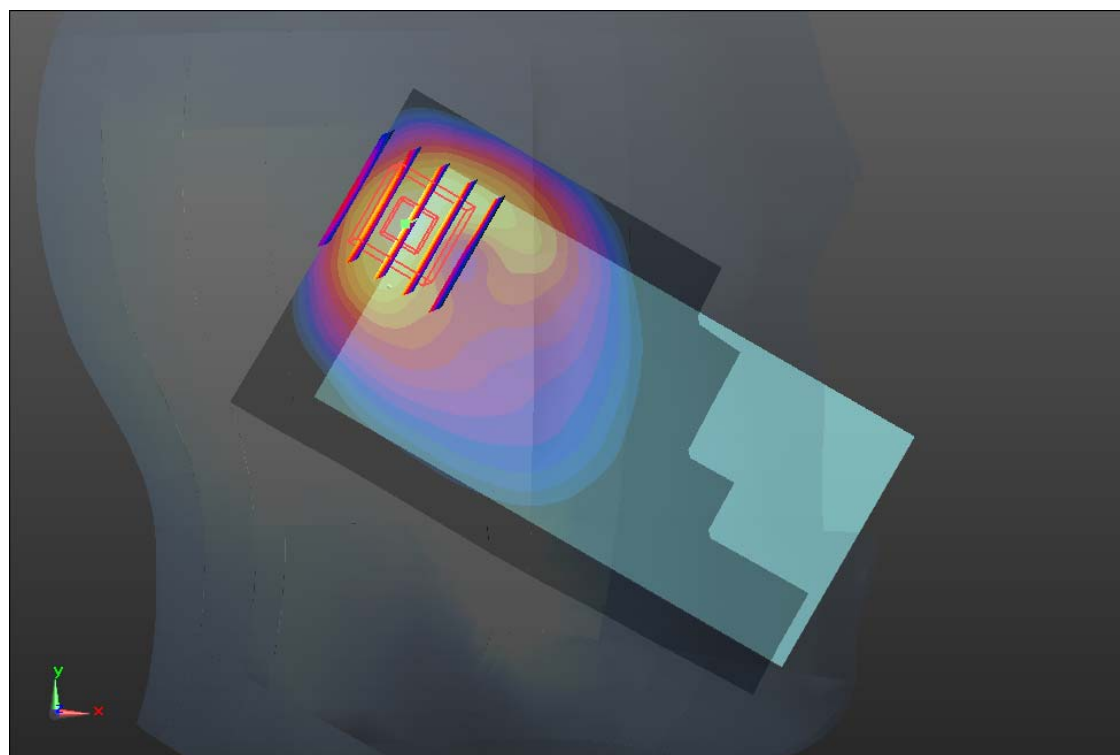
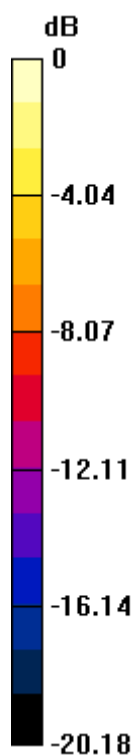
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.475 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.707 W/kg

SAR(1 g) = 1.330 mW/g; SAR(10 g) = 0.612 mW/g

Maximum value of SAR (measured) = 2.067 mW/g



0 dB = 2.070mW/g

#06_LTE Band 2_20M_QPSK(1,0)_Left Cheek_Ch19100

Communication System: FDD_LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_150216 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.425$ mho/m; $\epsilon_r =$

38.906 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.4, 8.4, 8.4); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.958 mW/g

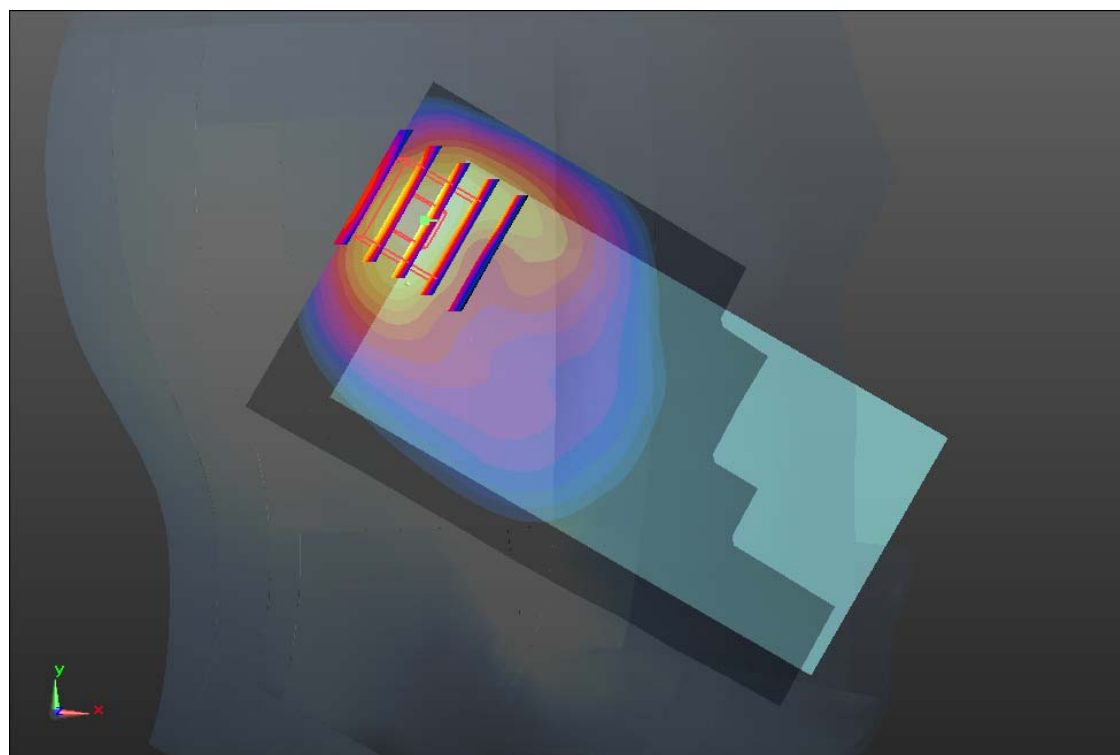
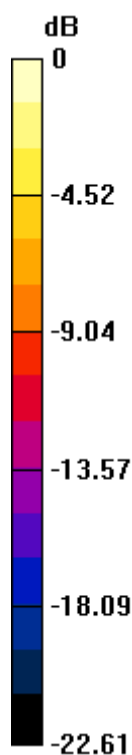
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.391 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.580 W/kg

SAR(1 g) = 1.210 mW/g; SAR(10 g) = 0.522 mW/g

Maximum value of SAR (measured) = 2.022 mW/g



0 dB = 2.020 mW/g

#07_LTE Band 7_20M_QPSK(50,0)_Left Tilted_Ch20850

Communication System: FDD_LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL_2600_150225 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.9$ mho/m; $\epsilon_r = 38.66$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.3, 7.3, 7.3); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch20850/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.988 mW/g

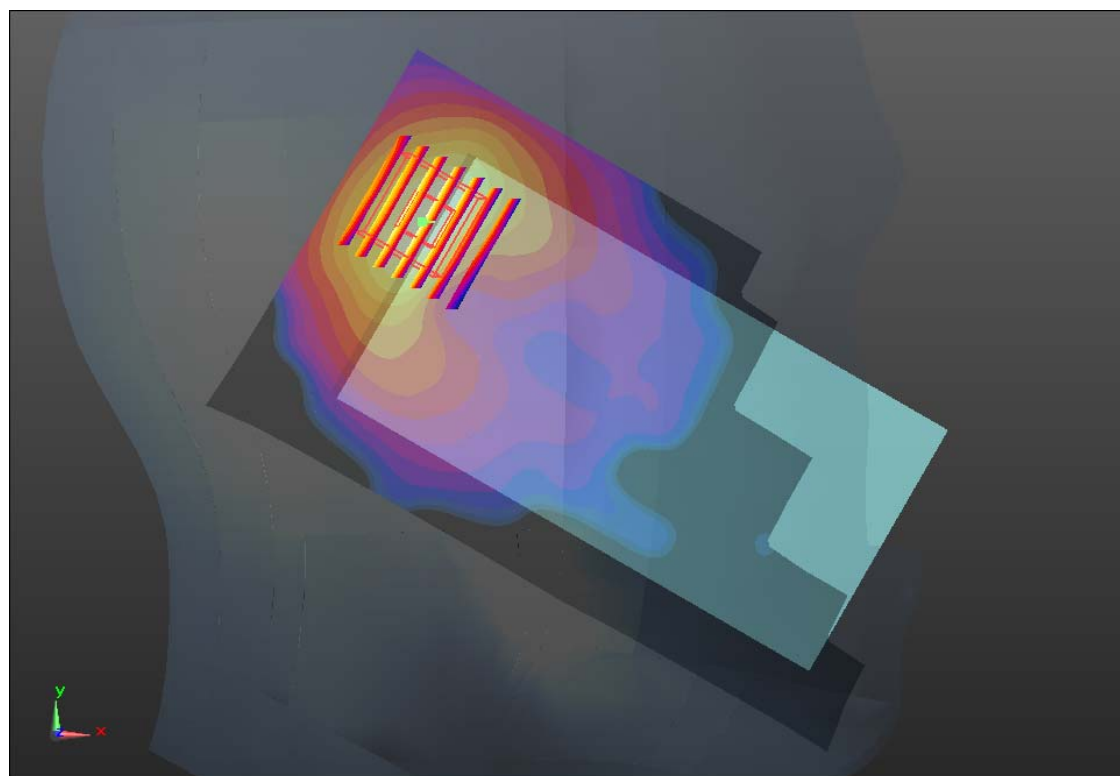
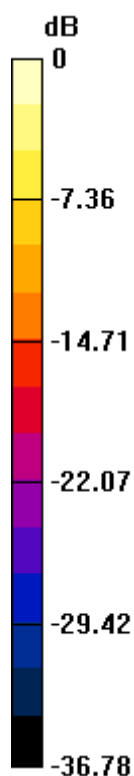
Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.896 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.713 W/kg

SAR(1 g) = 1.090 mW/g; SAR(10 g) = 0.401 mW/g

Maximum value of SAR (measured) = 1.855 mW/g



0 dB = 1.850mW/g

#08_WLAN 2.4GHz_802.11b_1Mbps_Right Cheek_Ch11

Communication System: WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: HSL_2450_150416 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.856$ mho/m; $\epsilon_r =$

39.882; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.48, 7.48, 7.48); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.394 mW/g

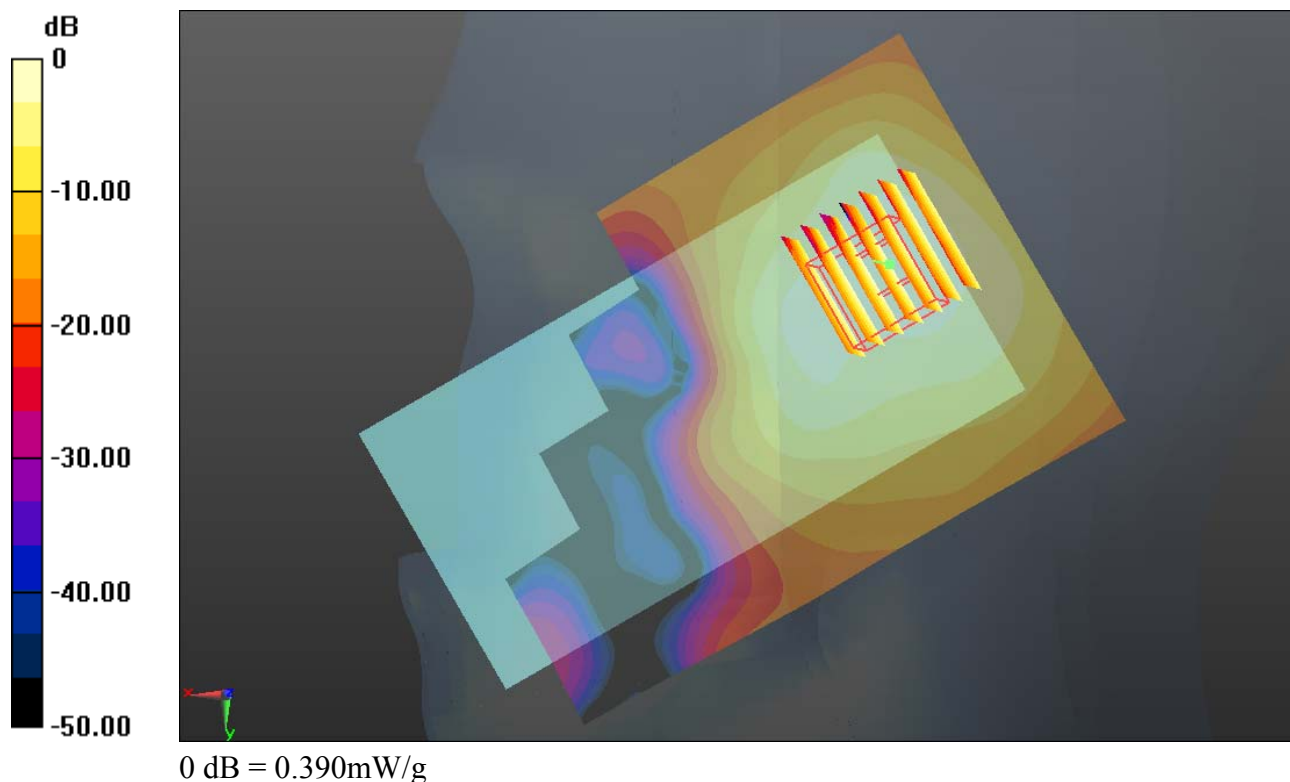
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.551 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.587 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.394 mW/g



#09_GSM850_GPRS(2Tx slots)_Left Side 1cm_Ch128

Communication System: GPRS/EDGE (2 Tx slots) (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_835_150415 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r =$

54.583; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.31, 9.31, 9.31); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.384 mW/g

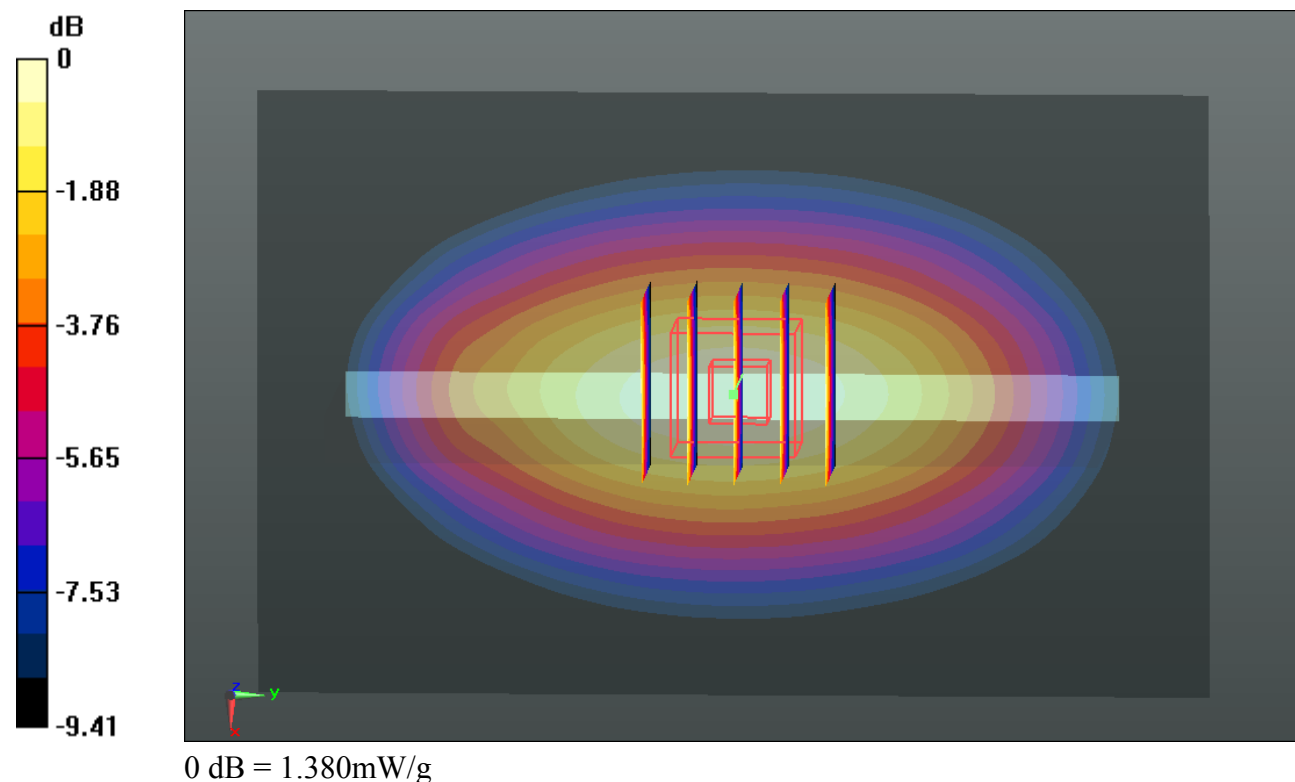
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.368 V/m; Power Drift = -0.0072 dB

Peak SAR (extrapolated) = 1.573 W/kg

SAR(1 g) = 1.120 mW/g; SAR(10 g) = 0.776 mW/g

Maximum value of SAR (measured) = 1.377 mW/g



#10_GSM1900_GPRS(2Tx slots)_Bottom Side 1cm_Ch661

Communication System: GPRS/EDGE (2 Tx slots) (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_150228 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.358; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.56, 7.56, 7.56); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.271 mW/g

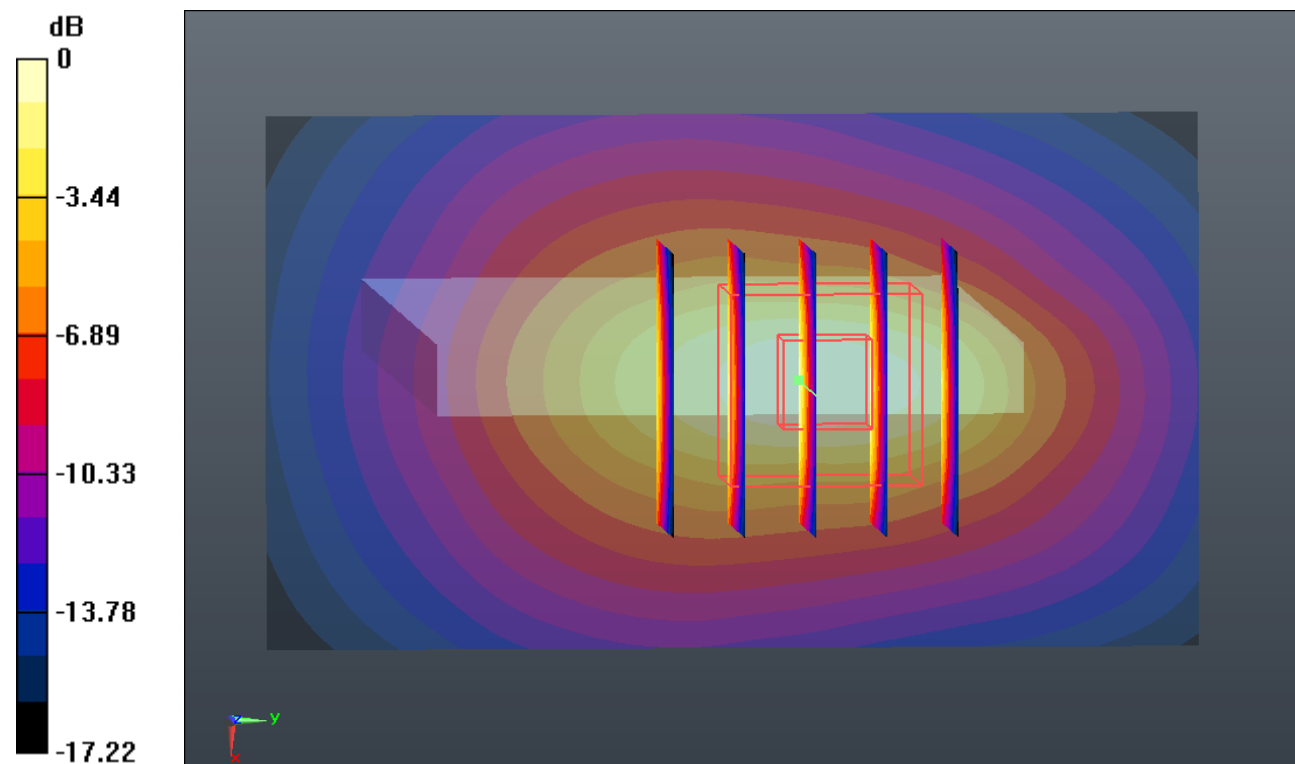
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.902 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.568 W/kg

SAR(1 g) = 0.920 mW/g; SAR(10 g) = 0.481 mW/g

Maximum value of SAR (measured) = 1.276 mW/g



0 dB = 1.280mW/g

#11_WCDMA Band V_RMC12.2Kbps_Left Side 1cm_Ch4132

Communication System: UMTS (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_835_150304 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r =$

54.926; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.31, 9.31, 9.31); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.912 mW/g

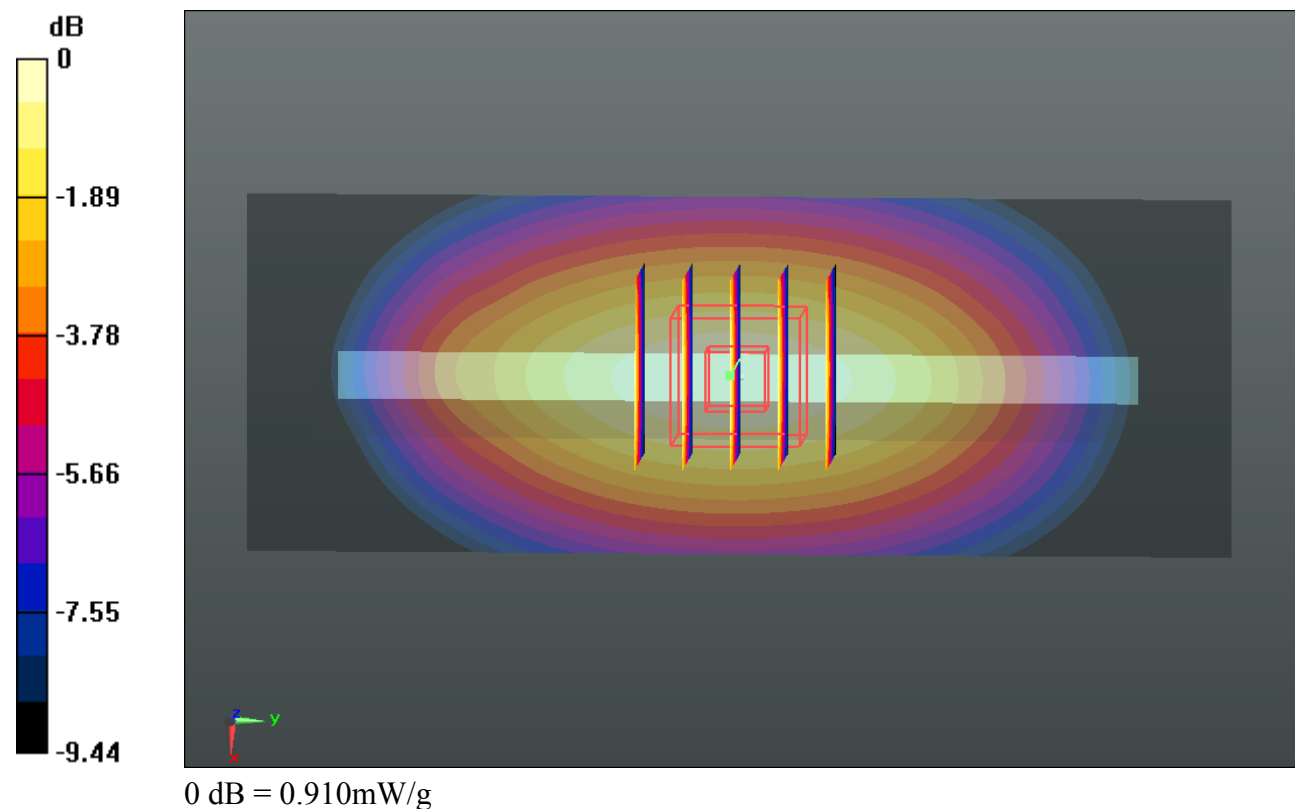
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.683 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.040 W/kg

SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.514 mW/g

Maximum value of SAR (measured) = 0.910 mW/g



#12_WCDMA Band II_RMC12.2Kbps_Bottom Side 1cm_Ch9538

Communication System: UMTS (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_150228 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53.28$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.56, 7.56, 7.56); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.727 mW/g

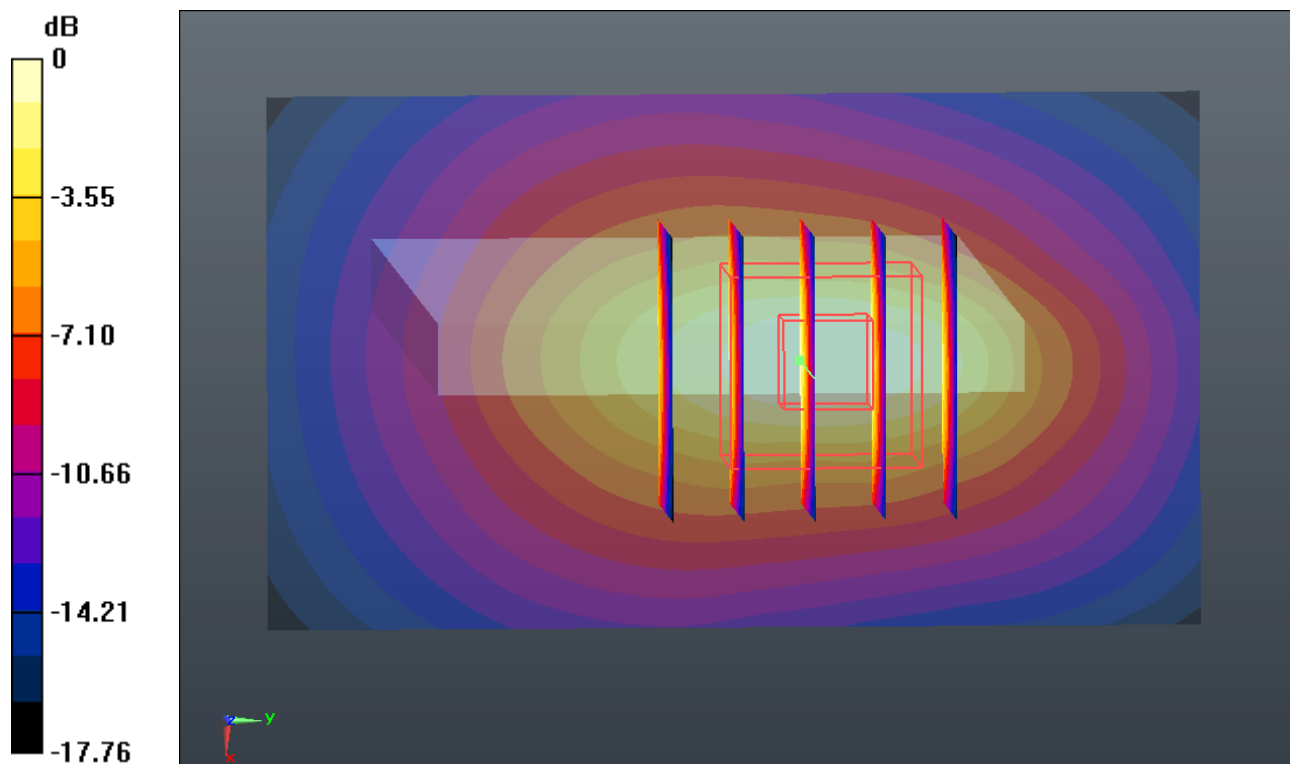
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.313 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.132 W/kg

SAR(1 g) = 1.240 mW/g; SAR(10 g) = 0.643 mW/g

Maximum value of SAR (measured) = 1.718 mW/g



0 dB = 1.720mW/g

#13_LTE Band 4_20M_QPSK(1,0)_Front 1cm_Ch20300

Communication System: FDD_LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_150228 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

55.282 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.89, 7.89, 7.89); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch20300/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.291 mW/g

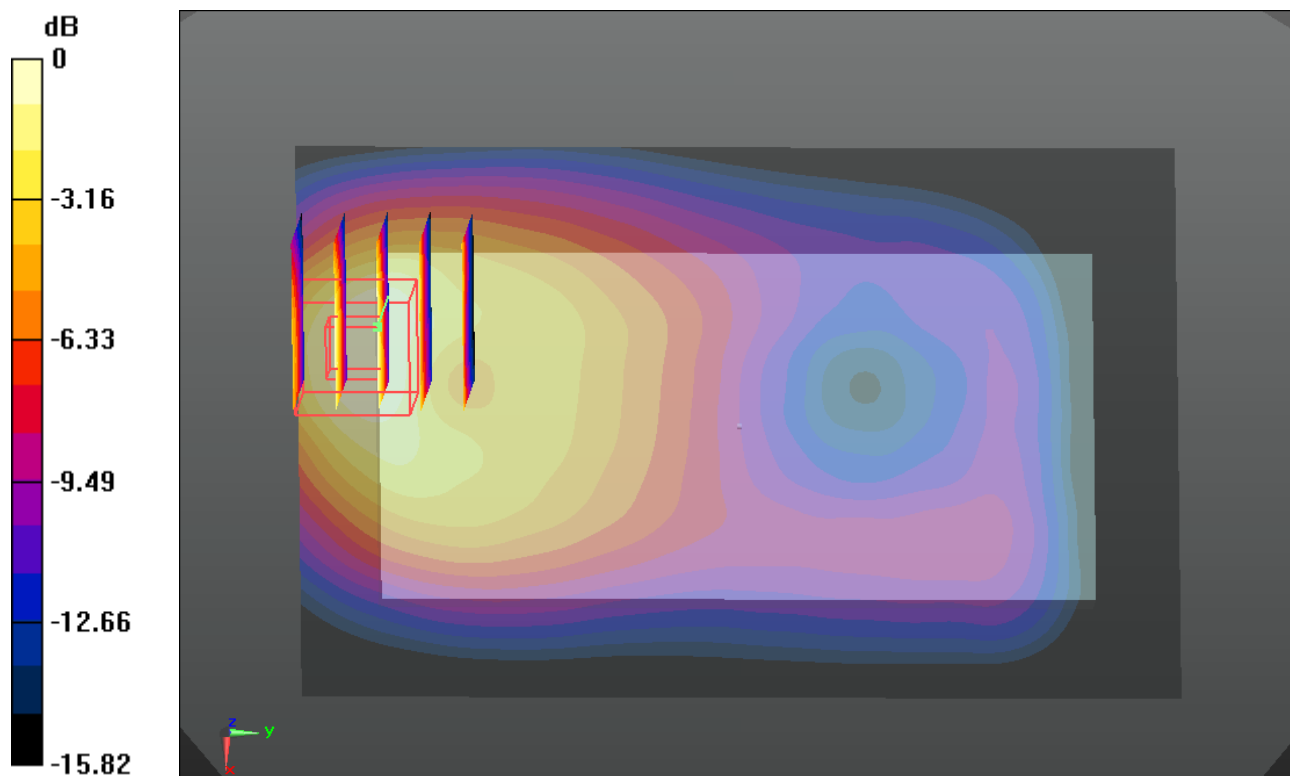
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.106 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.661 W/kg

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.548 mW/g

Maximum value of SAR (measured) = 1.205 mW/g



0 dB = 1.200 mW/g

#14_LTE Band 2_20M_QPSK(1,49)_Front 1cm_Ch19100

Communication System: FDD_LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL_1900_150228 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.552$ mho/m; $\epsilon_r =$

53.303; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.56, 7.56, 7.56); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.617 mW/g

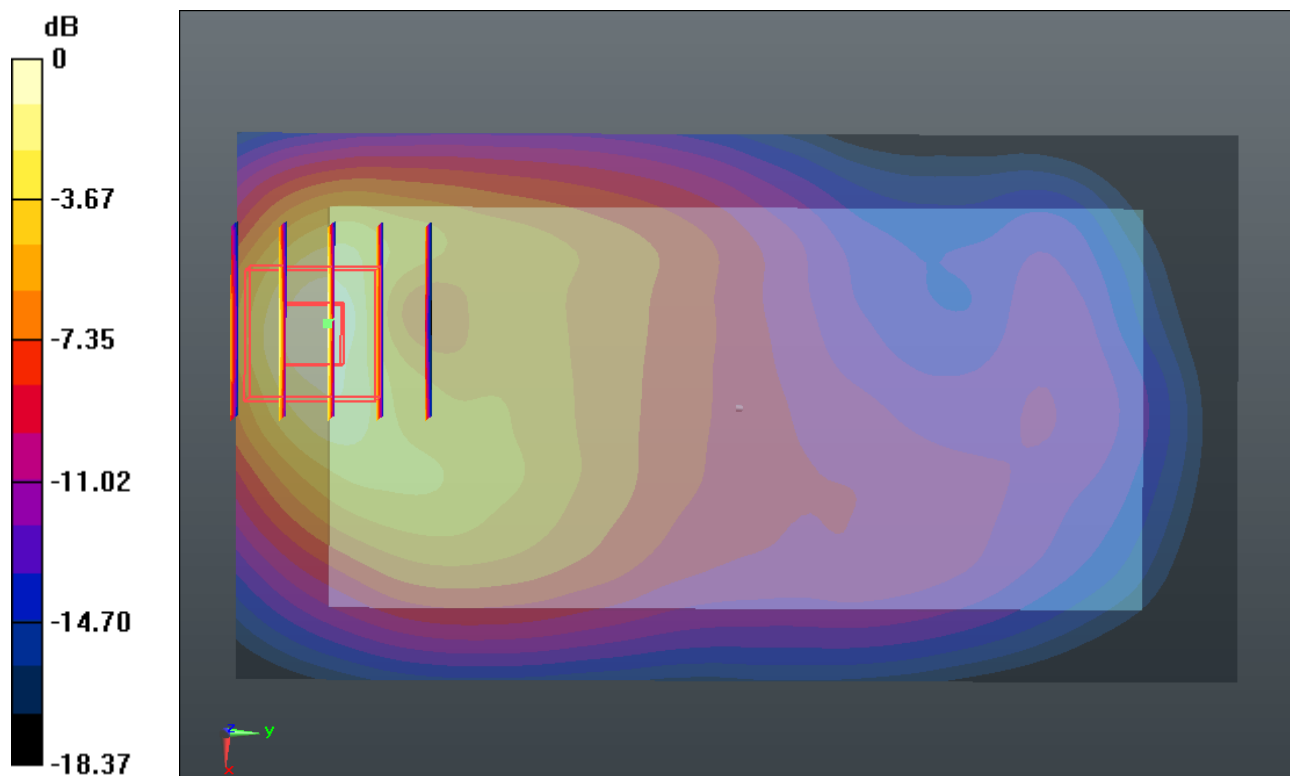
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.423 V/m; Power Drift = -0.0063 dB

Peak SAR (extrapolated) = 2.015 W/kg

SAR(1 g) = 1.170 mW/g; SAR(10 g) = 0.608 mW/g

Maximum value of SAR (measured) = 1.620 mW/g



0 dB = 1.620mW/g

#15_LTE Band 7_20M_QPSK(50,0)_Bottom Side 1cm_Ch20850

Communication System: FDD_LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL_2600_150326 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.113$ mho/m; $\epsilon_r =$

51.294; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.82, 6.82, 6.82); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch20850/Area Scan (41x81x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.840 mW/g

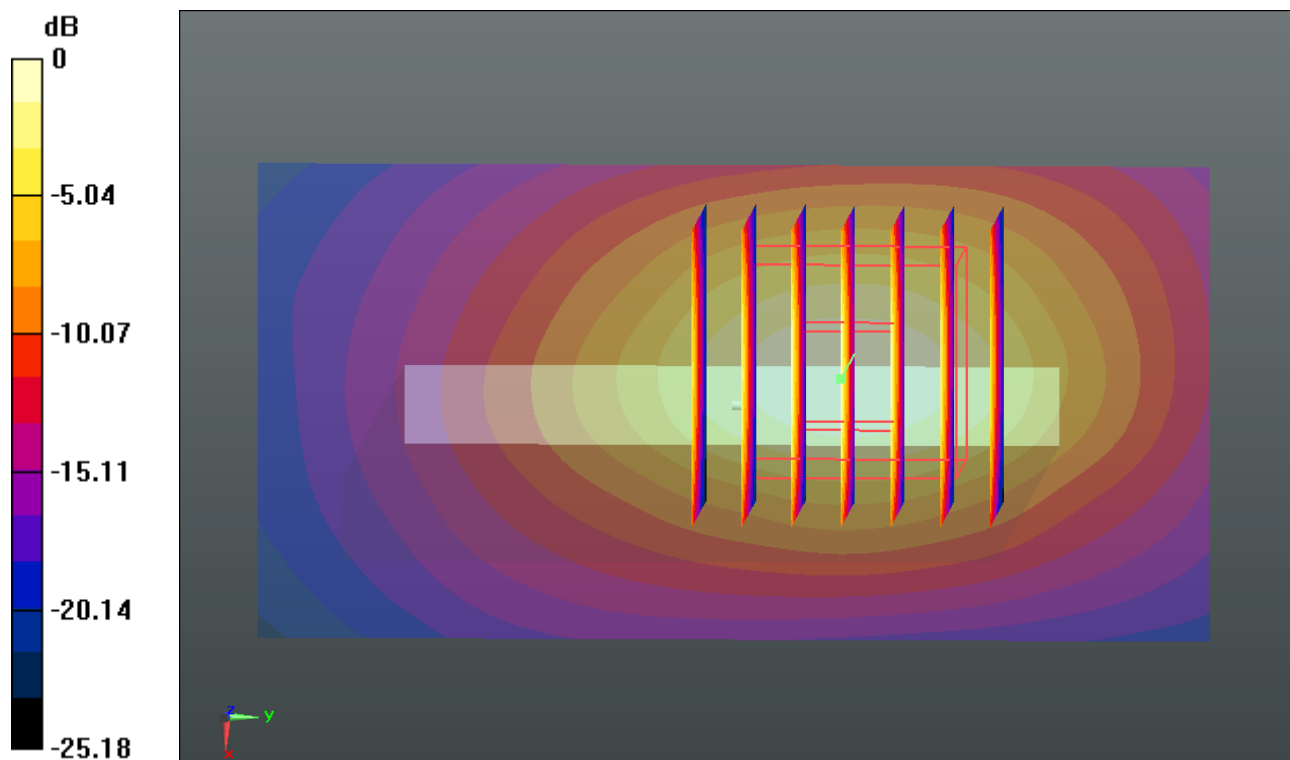
Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.832 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.442 W/kg

SAR(1 g) = 1.180 mW/g; SAR(10 g) = 0.525 mW/g

Maximum value of SAR (measured) = 1.812 mW/g



0 dB = 1.810mW/g

#16_WLAN 2.4GH_802.11b_1Mbps_Back 1cm_Ch11

Communication System: WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL_2450_150416 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r =$

50.912; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.14, 7.14, 7.14); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.488 mW/g

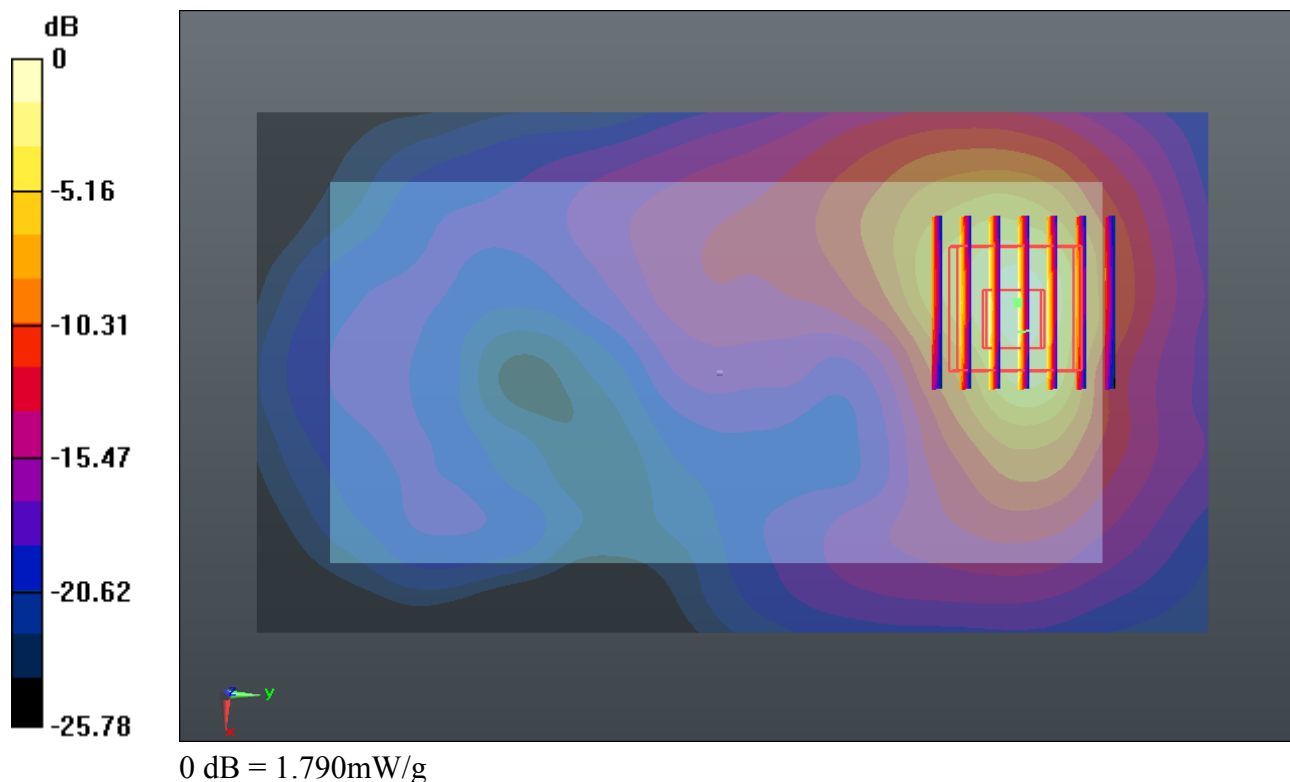
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.273 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.589 W/kg

SAR(1 g) = 1.140 mW/g; SAR(10 g) = 0.470 mW/g

Maximum value of SAR (measured) = 1.794 mW/g



#17_GSM850_GPRS(2Tx slots)_Back 1.5cm_Ch251

Communication System: GPRS/EDGE (2 Tx slots) (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium: MSL_835_150415 Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 54.331$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C; Liquid Temperature : 22.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.31, 9.31, 9.31); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.696 mW/g

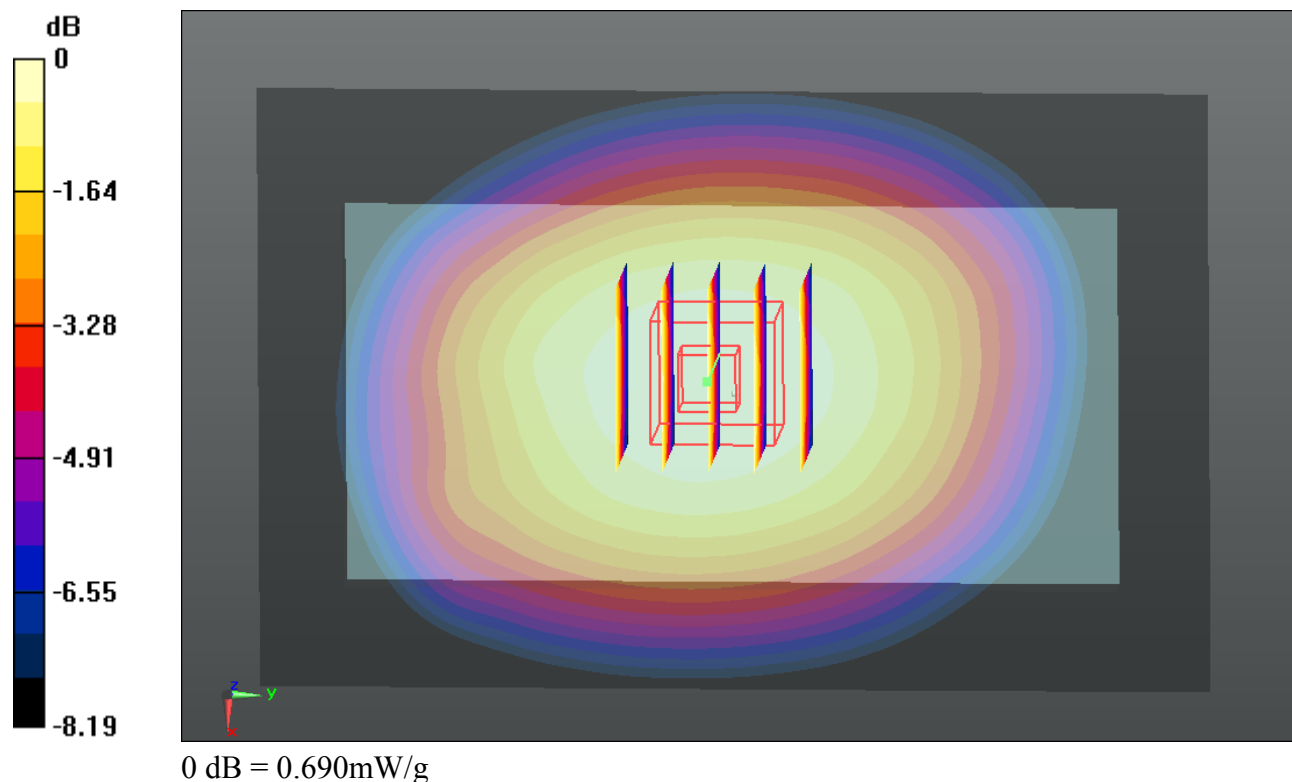
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.263 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.759 W/kg

SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 0.693 mW/g



#18_GSM1900_GPRS(2Tx slots)_Front 1.5cm_Ch810

Communication System: GPRS/EDGE (2 Tx slots) (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_150228 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.562$ mho/m; $\epsilon_r =$

53.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.56, 7.56, 7.56); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.548 mW/g

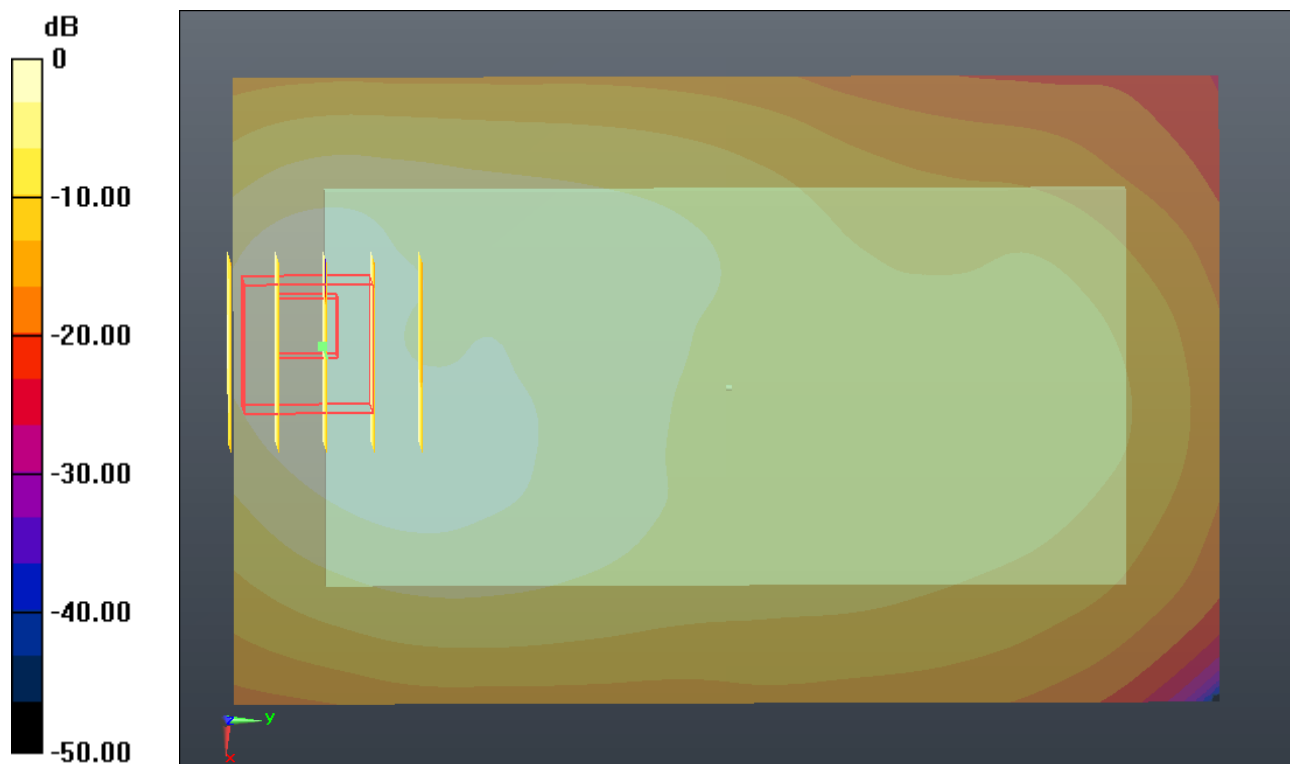
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.004 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 0.548 mW/g



0 dB = 0.550mW/g

#19_WCDMA Band V_RMC12.2Kbps_Back 1.5cm_Ch4132

Communication System: UMTS (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_835_150304 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r =$

54.926; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.31, 9.31, 9.31); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.659 mW/g

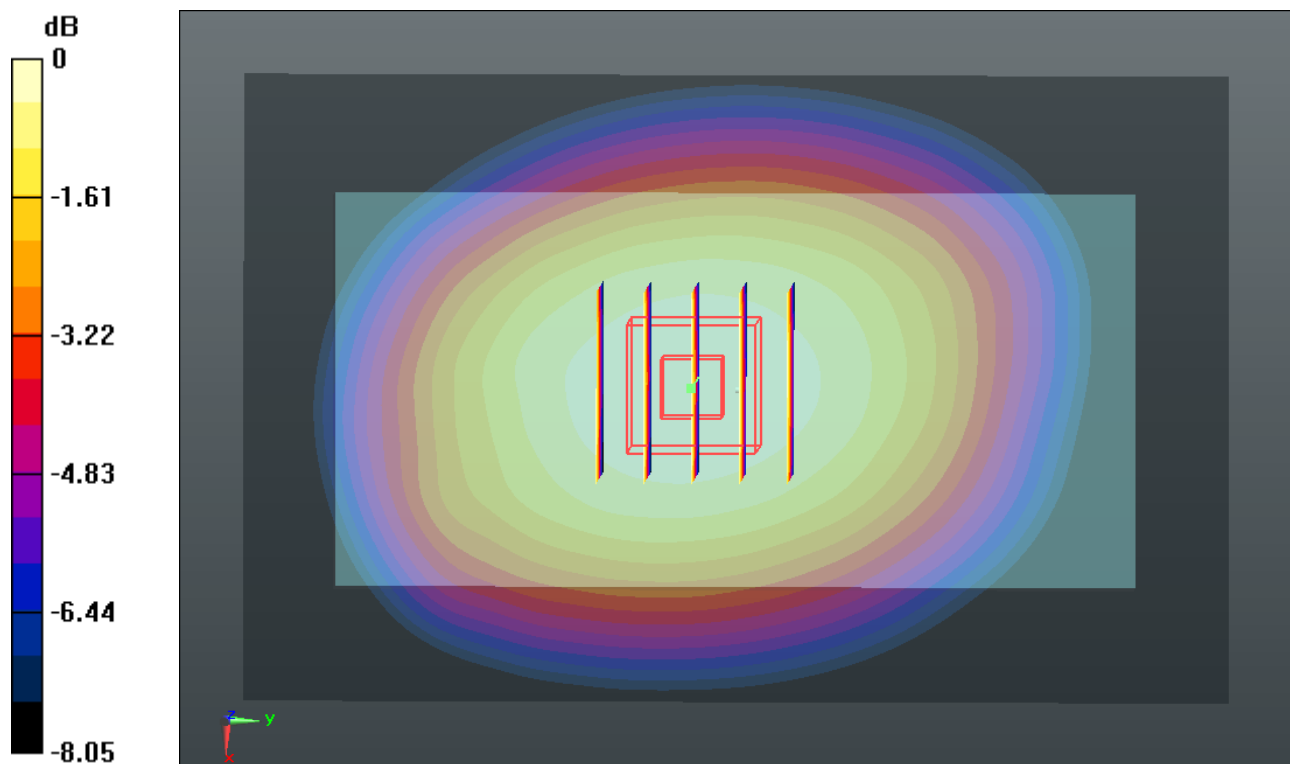
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.743 V/m; Power Drift = -0.0099 dB

Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.439 mW/g

Maximum value of SAR (measured) = 0.656 mW/g



#20_WCDMA Band II_RMC12.2Kbps_Front 1.5cm_Ch9538

Communication System: UMTS (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_150228 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53.28$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.56, 7.56, 7.56); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.672 mW/g

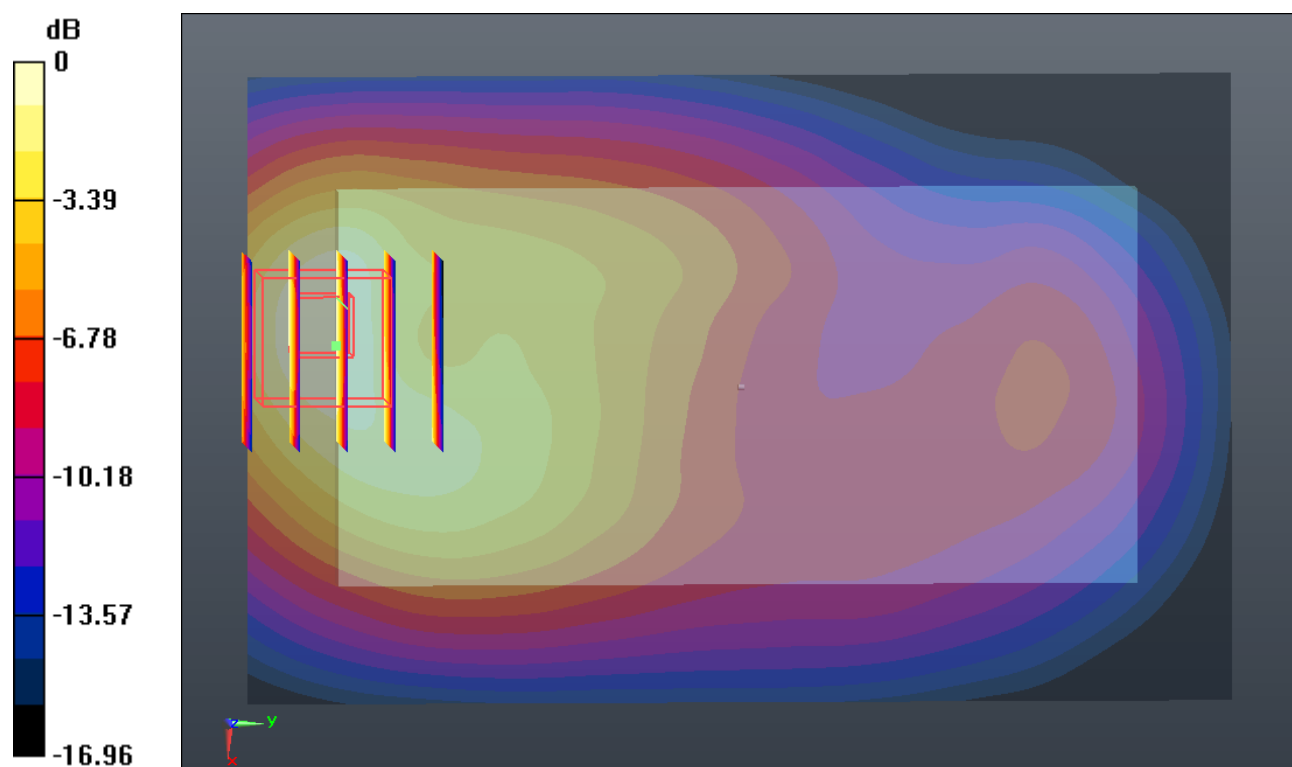
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.737 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.852 W/kg

SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.301 mW/g

Maximum value of SAR (measured) = 0.675 mW/g



0 dB = 0.680mW/g

#21_LTE Band 4_20M_QPSK(1,0)_Front 1.5cm_Ch20175

Communication System: FDD_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_150228 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.89, 7.89, 7.89); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.596 mW/g

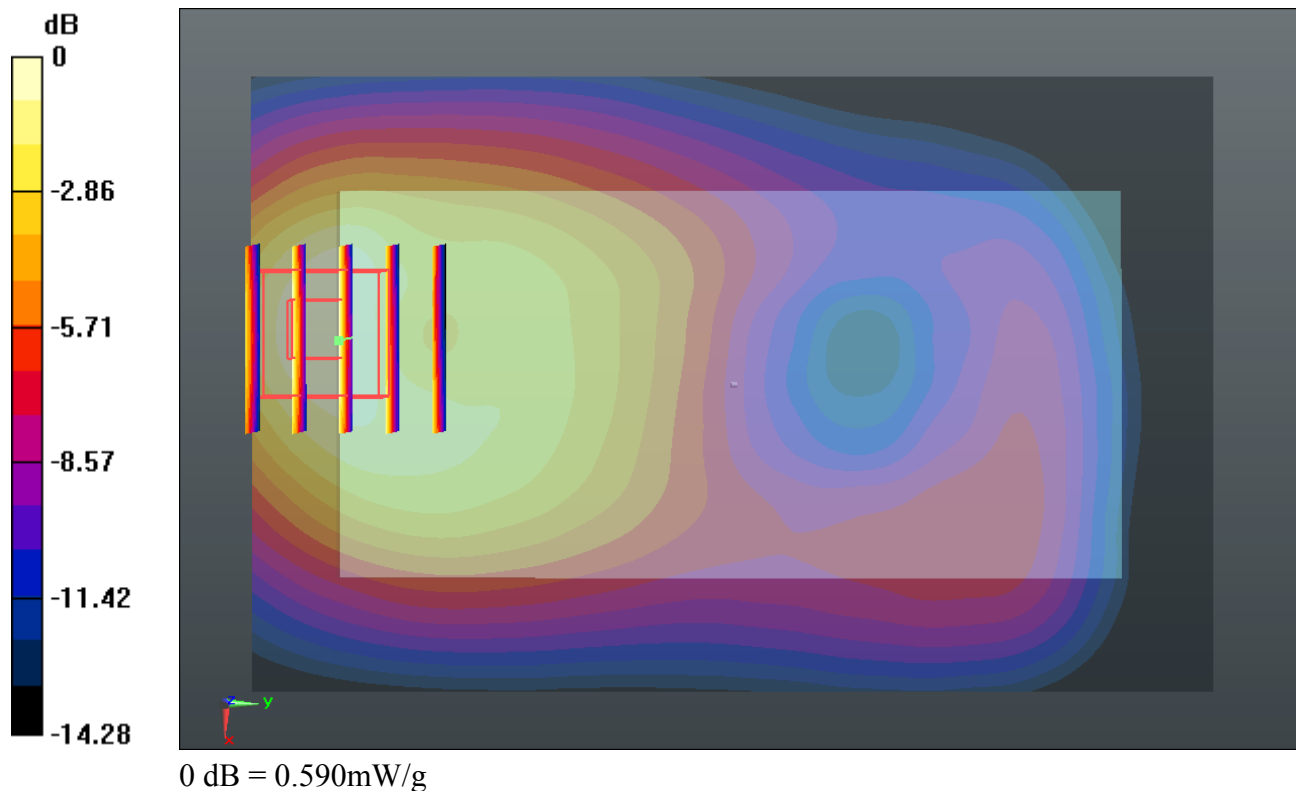
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.476 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.736 W/kg

SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 0.586 mW/g



#22_LTE Band 2_20M_QPSK(1,49)_Front 1.5cm_Ch18900

Communication System: FDD_LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_150228 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.358; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.56, 7.56, 7.56); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.618 mW/g

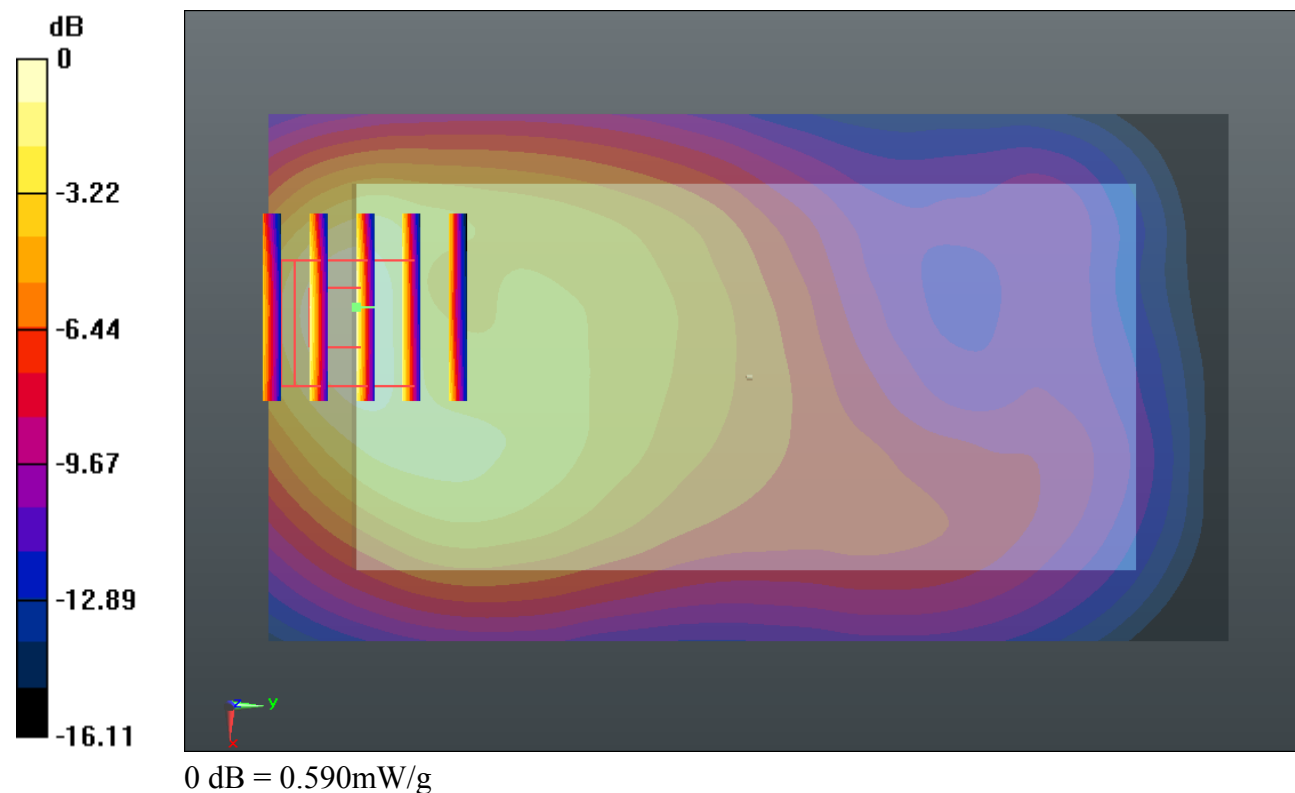
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.707 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.723 W/kg

SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.592 mW/g



#23_LTE Band 7_20M_QPSK(1,0)_Back 1.5cm_Ch20850

Communication System: FDD_LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL_2600_150301 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.085$ mho/m; $\epsilon_r =$

52.993; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.82, 6.82, 6.82); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch20850/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.612 mW/g

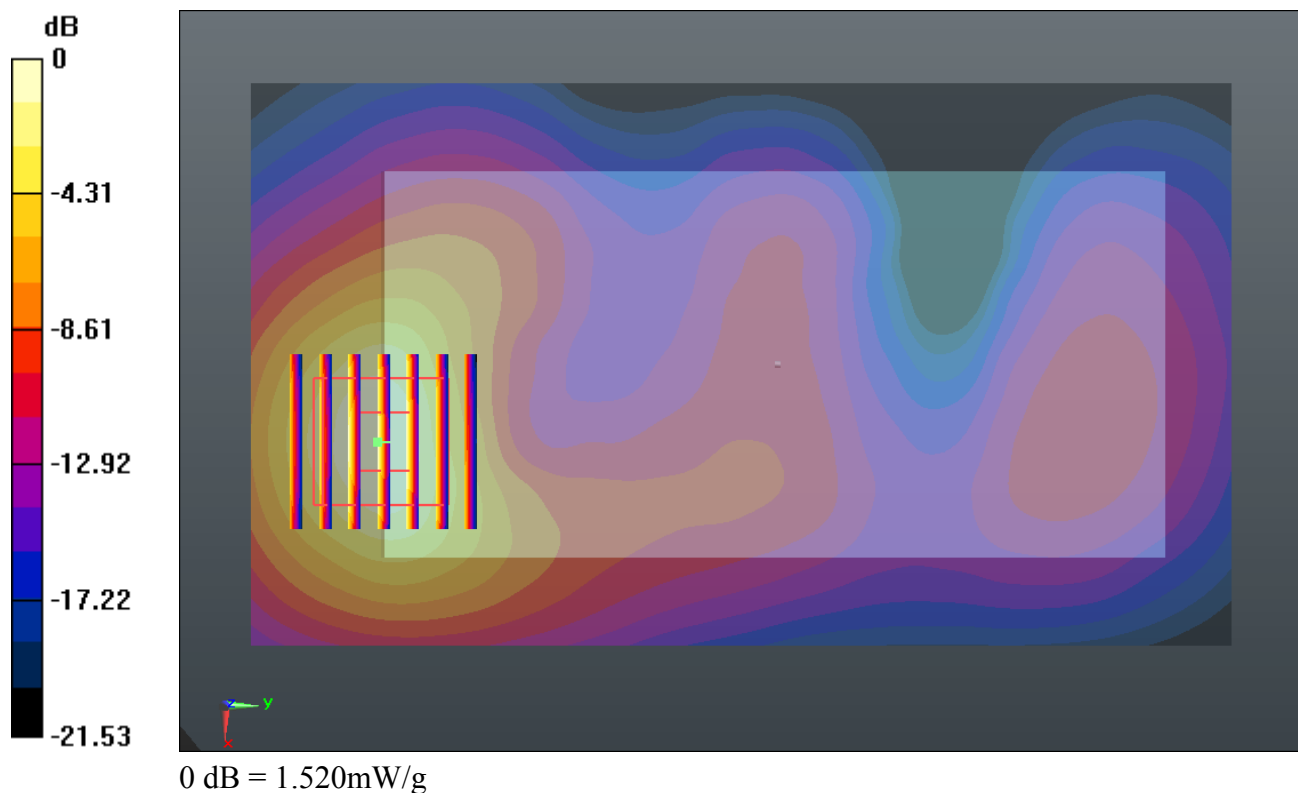
Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.021 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.989 W/kg

SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.520 mW/g

Maximum value of SAR (measured) = 1.521 mW/g



#24_WLAN 2.4GHz_802.11b_1Mbps_Back 1.5cm_Ch11

Communication System: WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_150416 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r =$

50.912; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C; Liquid Temperature : 22.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.14, 7.14, 7.14); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.597 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.544 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.872 W/kg

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.196 mW/g

Maximum value of SAR (measured) = 0.635 mW/g

