

#01_GSM850_GPRS(4Tx slots)_Right Cheek_Ch251

Communication System: GPRS/EDGE (4 Tx slots) (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.08
Medium: HSL_835_150216 Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 41.193$;

$$\rho = 1000 \text{ kg/m}^3$$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.4 °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)

Ch251/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.718 mW/g

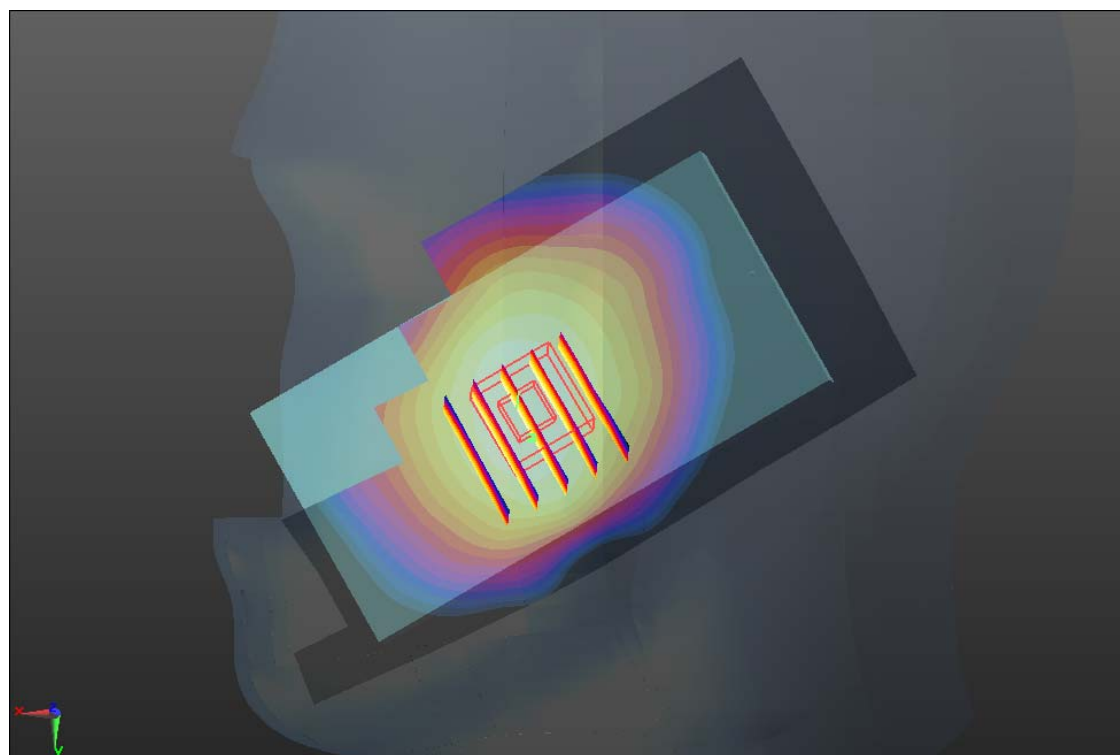
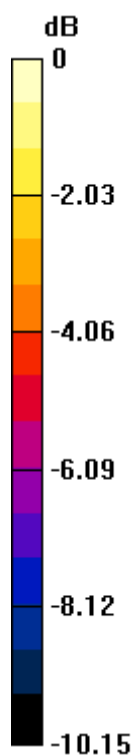
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.415 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.770 W/kg

SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.481 mW/g

Maximum value of SAR (measured) = 0.713 mW/g



0 dB = 0.710mW/g

#02_GSM1900_GPRS(2Tx slots)_Right Cheek_Ch512

Communication System: GPRS/EDGE (2 Tx slots) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_1900_150207 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.374$ mho/m; $\epsilon_r =$

39.177; $\rho = 1000$ kg/m³

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

Ch512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.607 mW/g

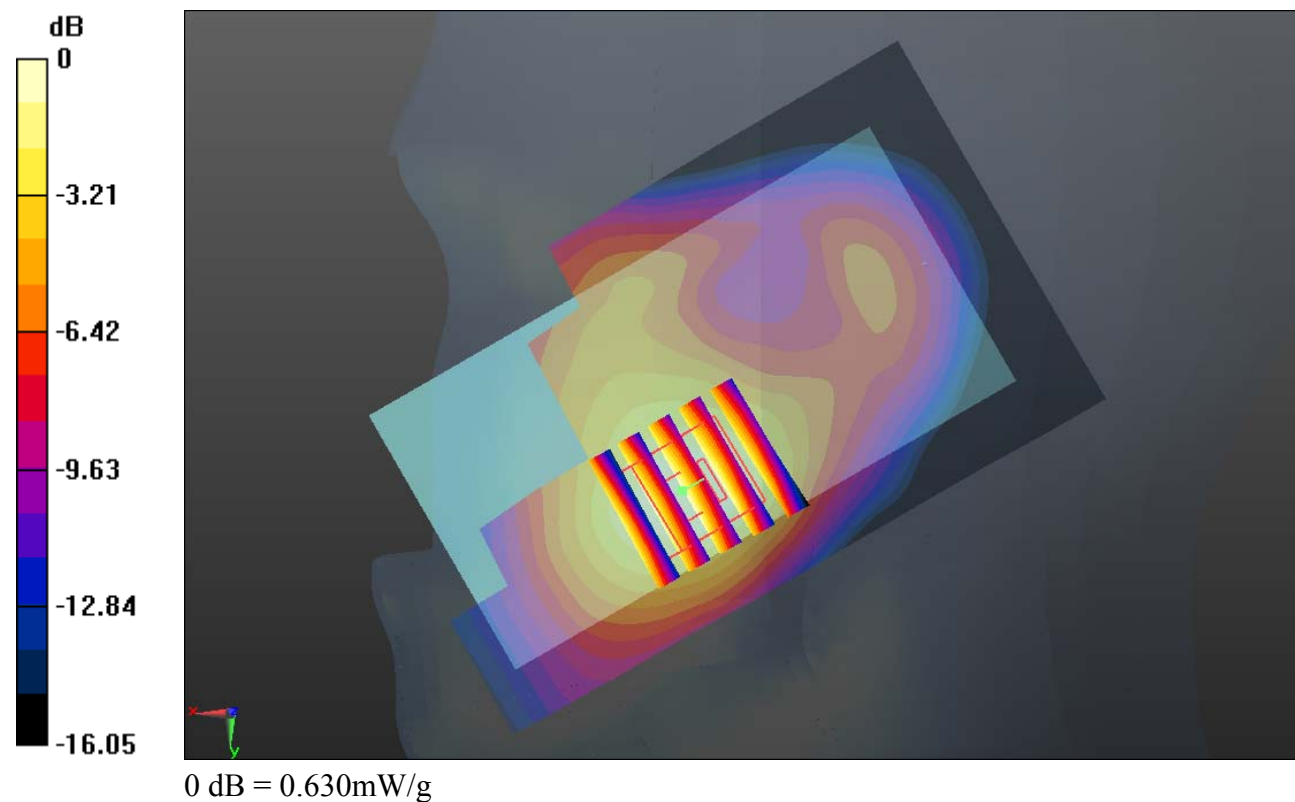
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.125 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.315 mW/g

Maximum value of SAR (measured) = 0.626 mW/g



#03_WCDMA Band V_RMC12.2k_Right Cheek_Ch4182

Communication System: UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_835_150216 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r =$

41.365; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.4 °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)

Ch4182/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.528 mW/g

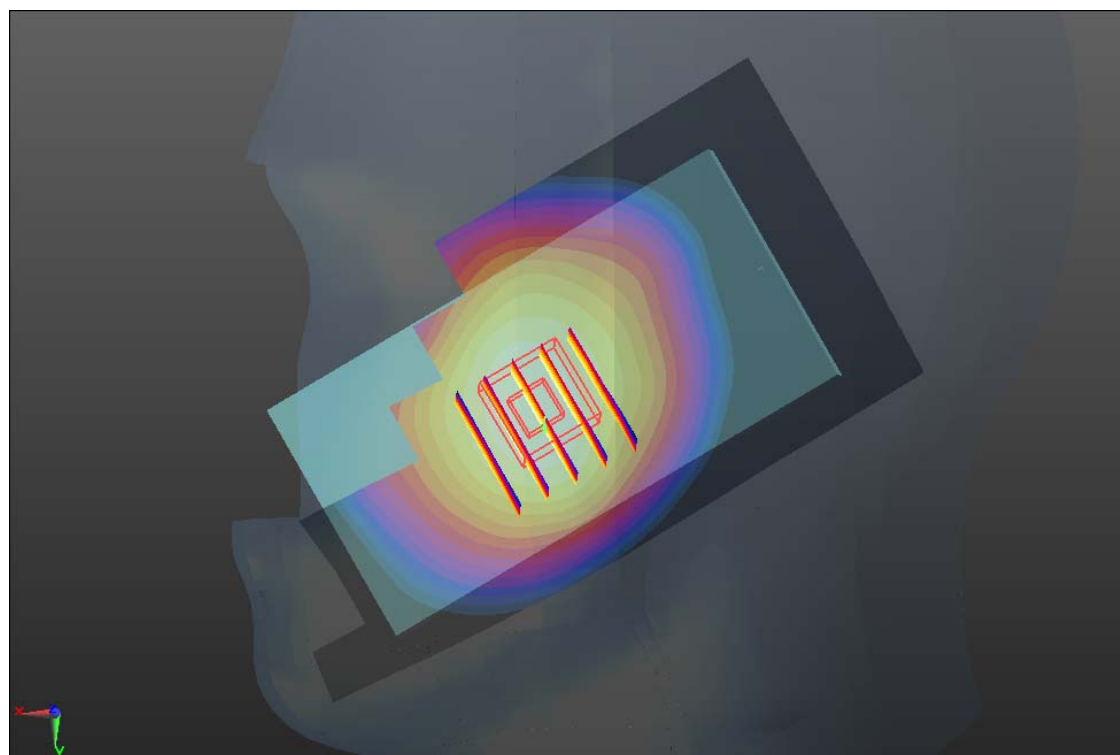
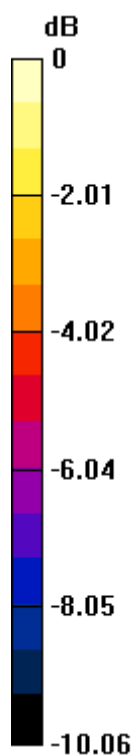
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.041 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.573 W/kg

SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.358 mW/g

Maximum value of SAR (measured) = 0.528 mW/g



0 dB = 0.530mW/g

#04_WCDMA Band II_RMC12.2k_Right Cheek_Ch9262

Communication System: UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_150207 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.376$ mho/m; $\epsilon_r =$

39.169; $\rho = 1000$ kg/m³

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

Ch9262/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.717 mW/g

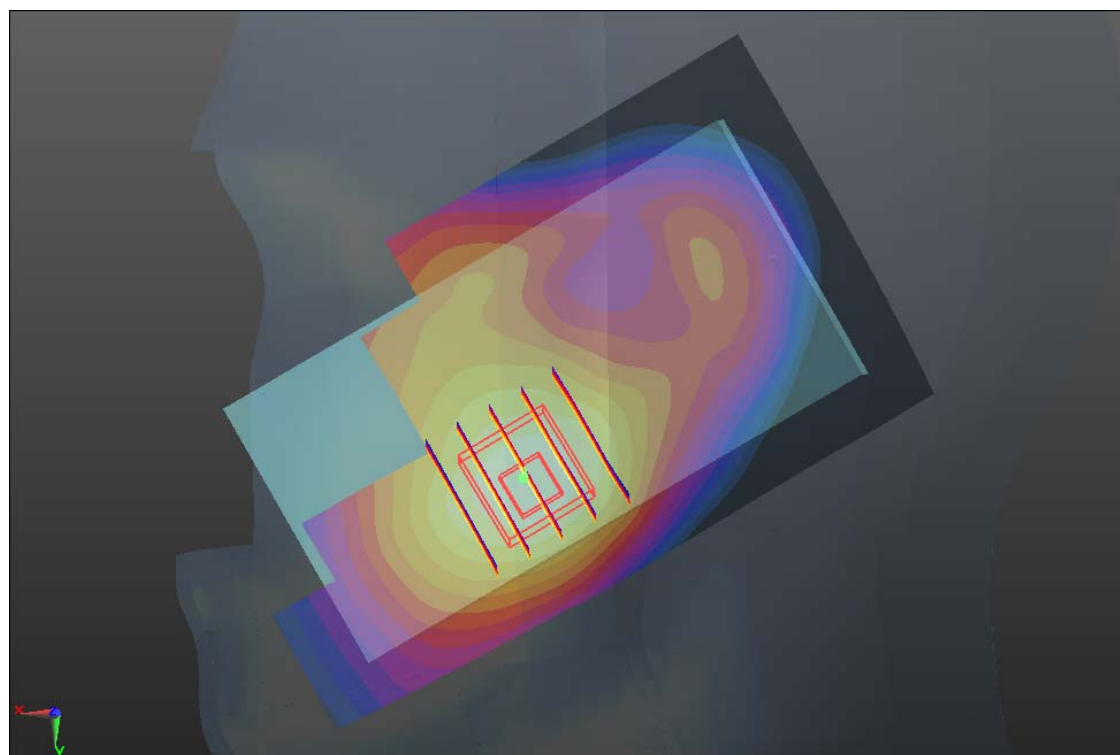
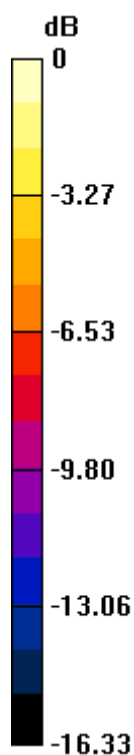
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.117 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.870 W/kg

SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.351 mW/g

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



0 dB = 0.720mW/g

#05_WLAN2.4G_802.11b_1Mbps_Right Cheek_Ch11

Communication System: WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.025

Medium: HSL_2450_150207 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.142; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °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 (81x131x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.501 mW/g

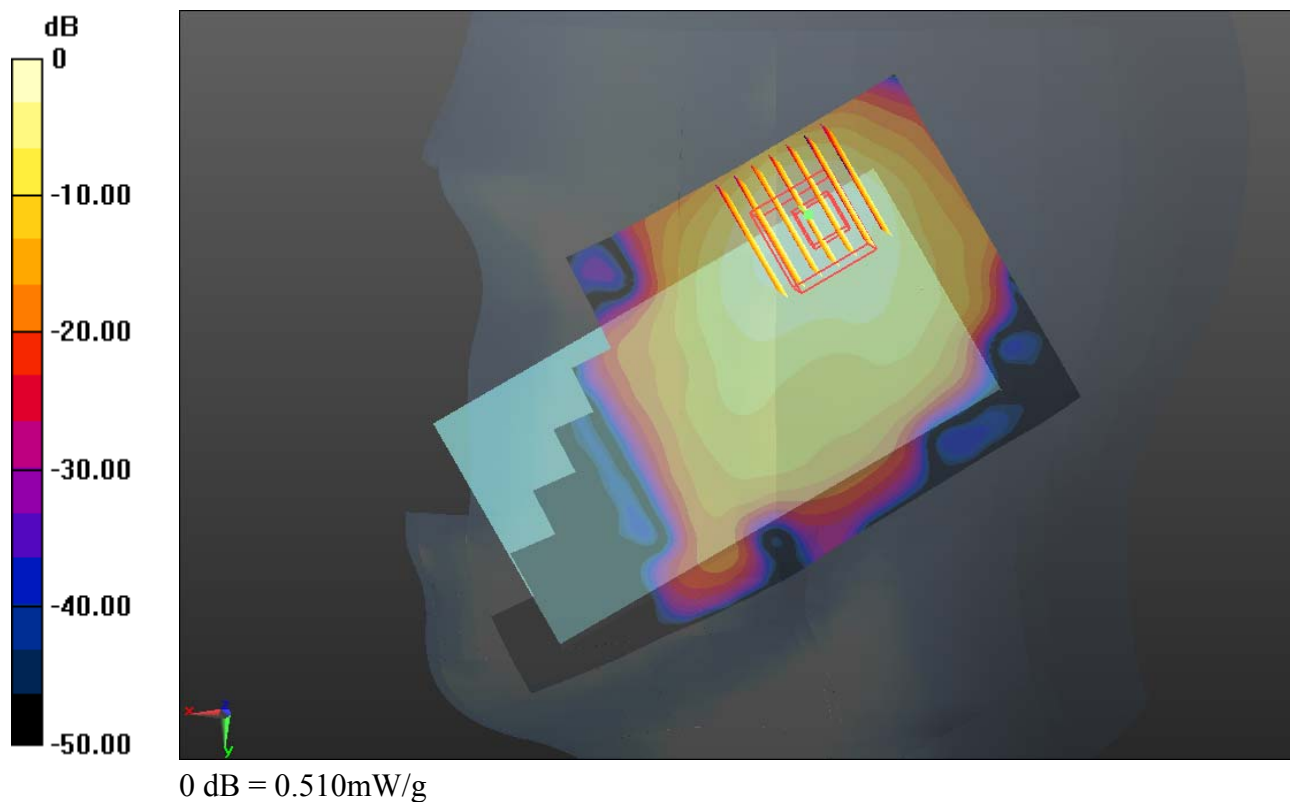
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.741 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.157 mW/g

Maximum value of SAR (measured) = 0.513 mW/g



#06_GSM850_GPRS(4Tx slots)_Back 1cm_Ch251

Communication System: GPRS/EDGE (4 Tx slots) (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.08
Medium: MSL_835_150215 Medium parameters used: $f=848.8$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.311$;

$$\rho = 1000 \text{ kg/m}^3$$

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °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 (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.061 mW/g

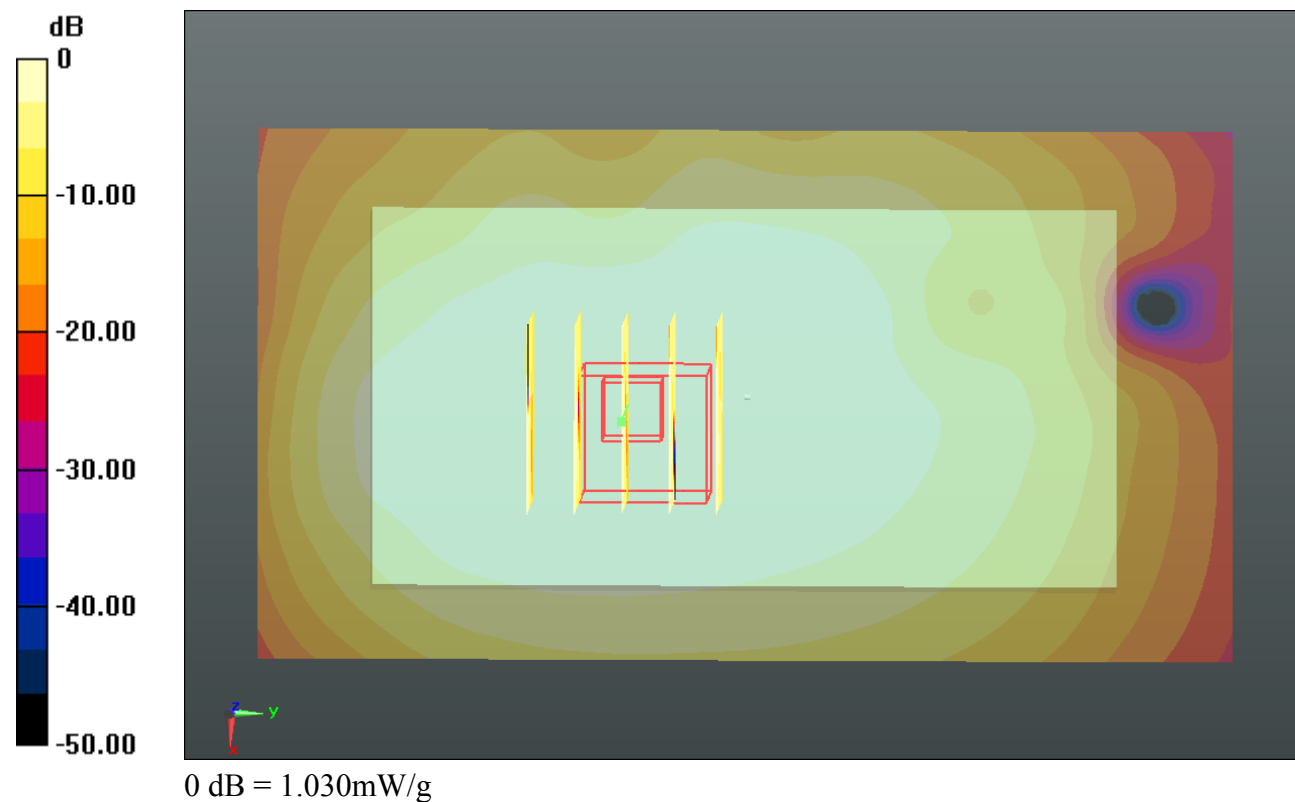
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.234 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.844 W/kg

SAR(1 g) = 0.906 mW/g; SAR(10 g) = 0.619 mW/g

Maximum value of SAR (measured) = 1.026 mW/g



#07_GSM1900_GPRS(2Tx slots)_Back 1cm_Ch512

Communication System: GPRS/EDGE (2 Tx slots) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_150207 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

53.268; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.200 mW/g

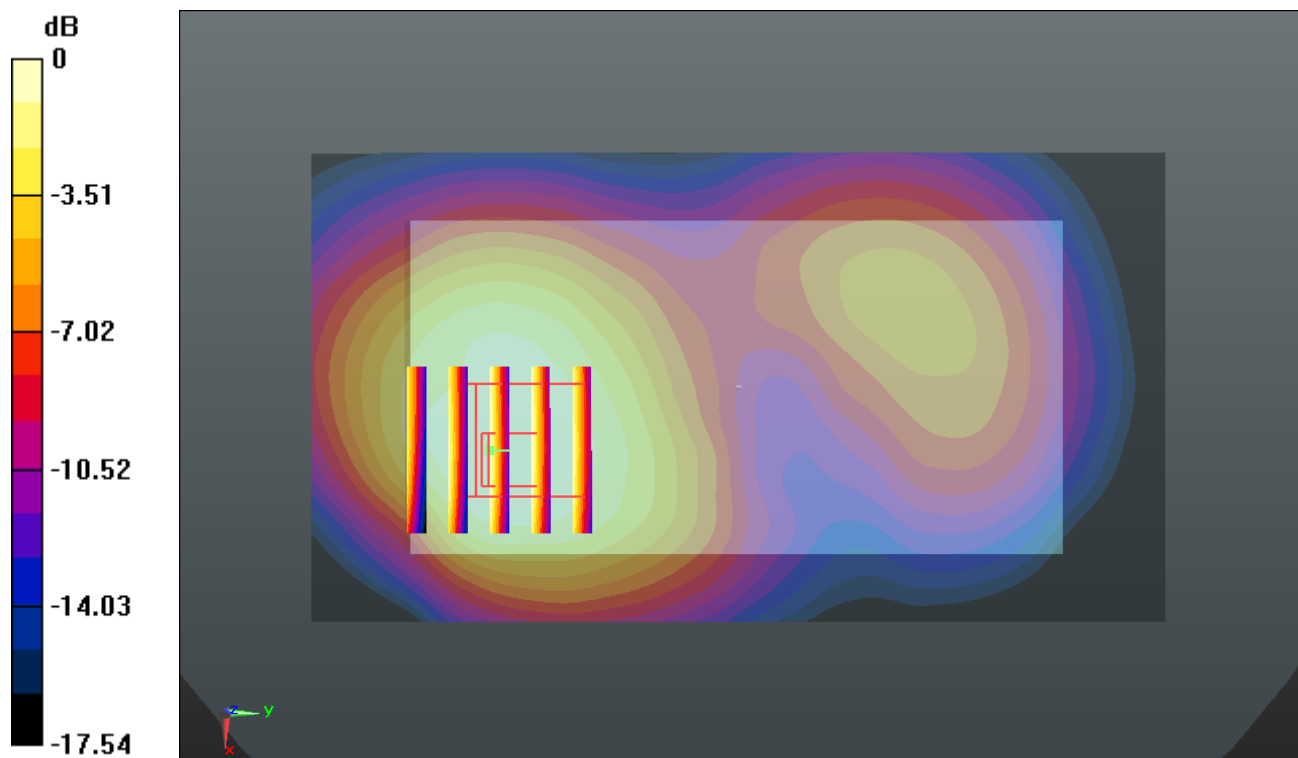
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.971 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.320 W/kg

SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.541 mW/g

Maximum value of SAR (measured) = 1.063 mW/g



0 dB = 1.060mW/g

#08_WCDMA Band V_RMC12.2k_Back 1cm_Ch4182

Communication System: UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_835_150215 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r =$

54.448; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °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)

Ch4182/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.984 mW/g

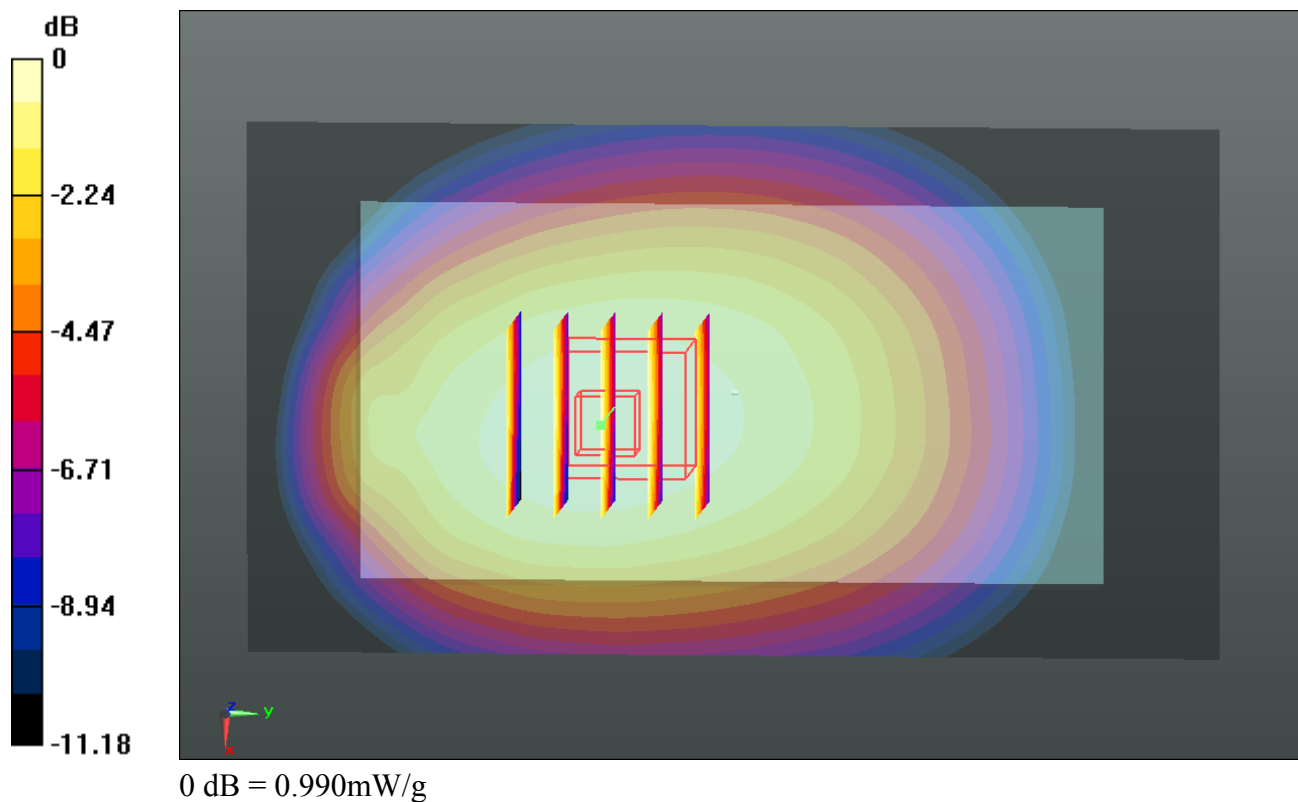
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.039 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.106 W/kg

SAR(1 g) = 0.858 mW/g; SAR(10 g) = 0.643 mW/g

Maximum value of SAR (measured) = 0.990 mW/g



#09_WCDMA Band II_RMC12.2k_Back 1cm_Ch9262

Communication System: UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_150207 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

53.262; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

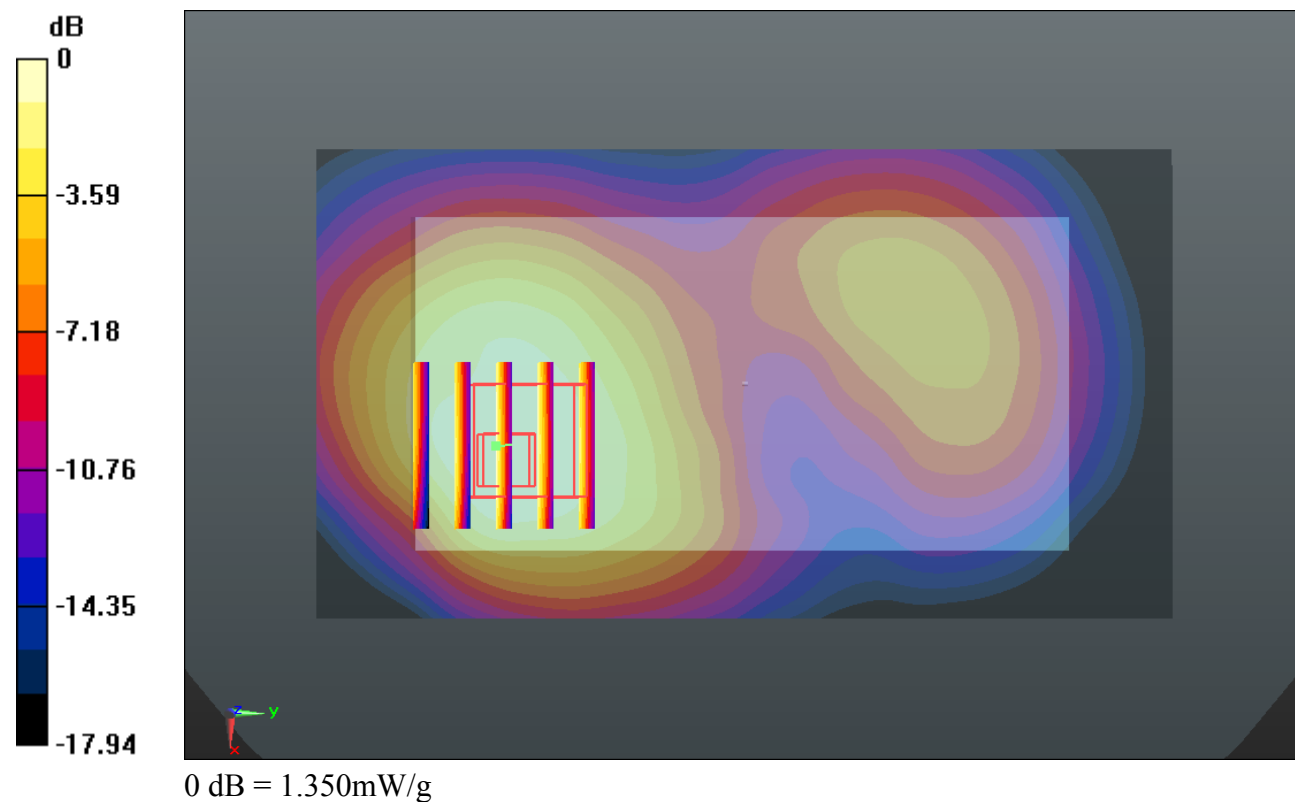
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.890 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.713 W/kg

SAR(1 g) = 1.070 mW/g; SAR(10 g) = 0.669 mW/g

Maximum value of SAR (measured) = 1.352 mW/g



#10_WLAN2.4G_802.11b_1Mbps_Front 1cm_Ch1

Communication System: WIFI (0); Frequency: 2412 MHz; Duty Cycle: 1:1.025

Medium: MSL_2450_150209 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.887$ mho/m; $\epsilon_r =$

51.135; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °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)

Ch1/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.141 mW/g

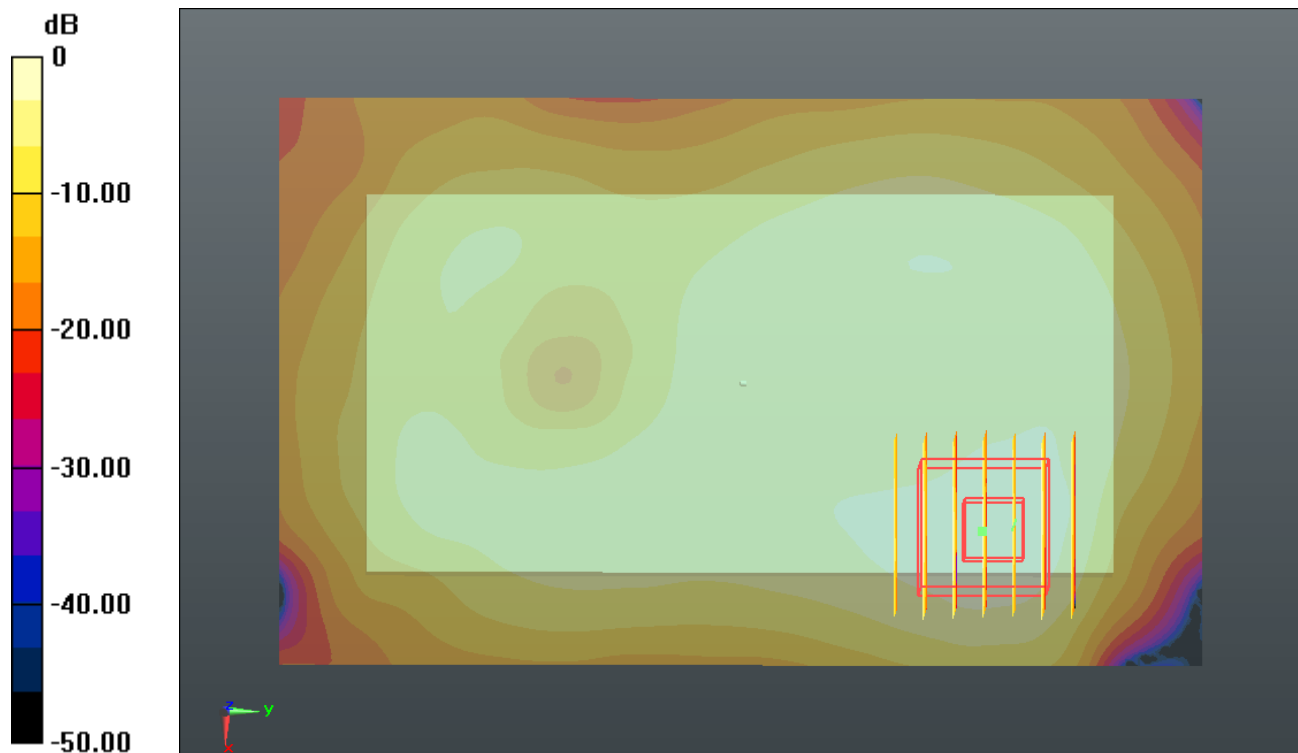
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.862 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.142 mW/g



0 dB = 0.140mW/g