

#01_GSM1900_GPRS(2 Tx slots)_Left Cheek_Ch512

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_1900_141006 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.369$ S/m; $\epsilon_r = 40.567$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3633; ConvF(7.92, 7.92, 7.92); Calibrated: 2013.10.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch512/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.983 W/kg

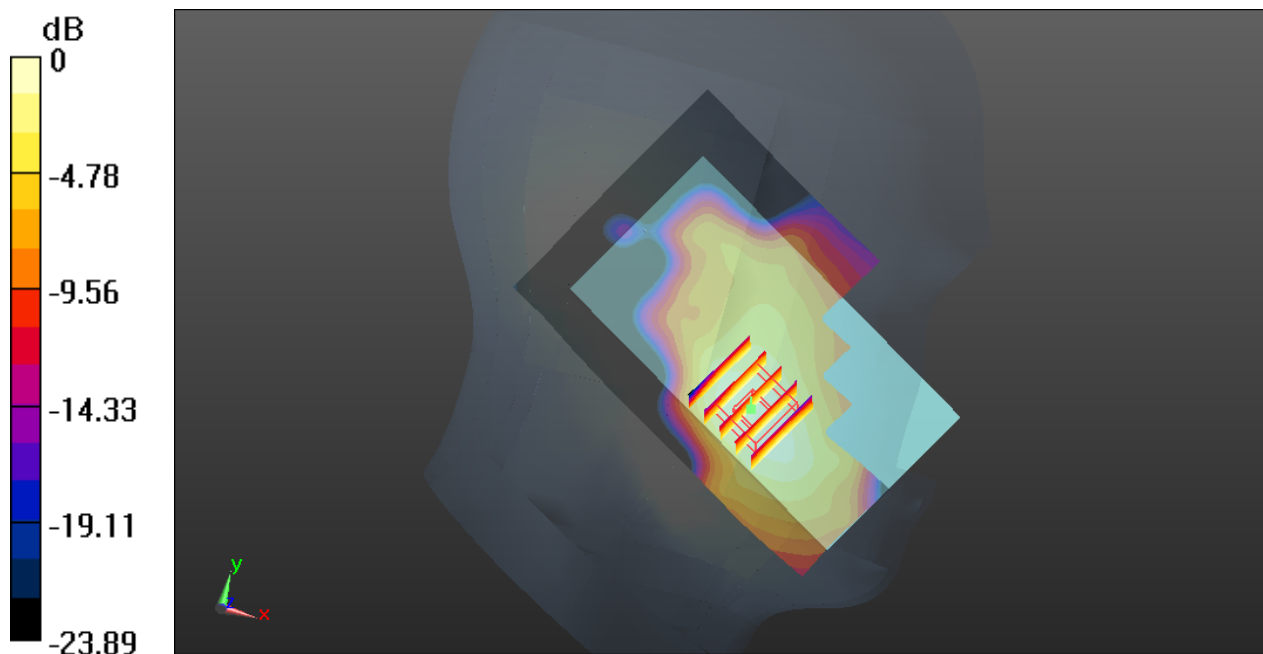
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.120 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.423 W/kg

Maximum value of SAR (measured) = 0.908 W/kg



0 dB = 0.908 W/kg

#02_WCDMA Band V_RMC 12.2K_Left Cheek_Ch4233

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_835_140930 Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 42.747$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3633; ConvF(9.32, 9.32, 9.32); Calibrated: 2013.10.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch4233/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.345 W/kg

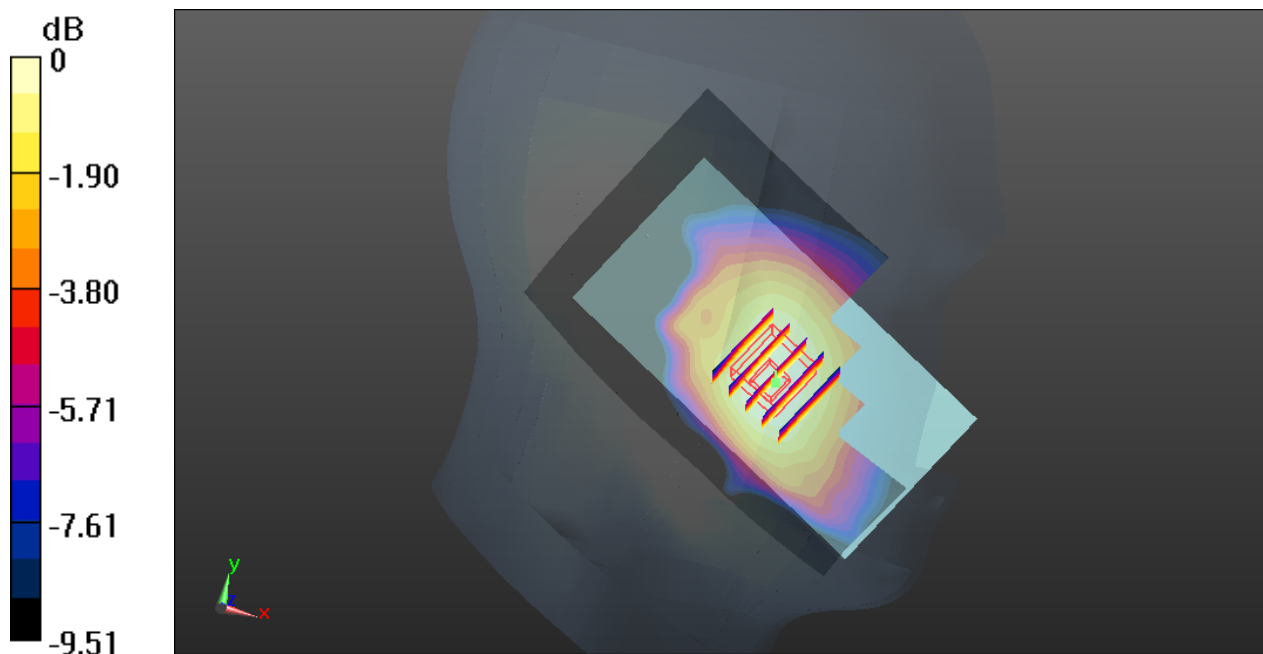
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.168 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.398 W/kg

SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.245 W/kg

Maximum value of SAR (measured) = 0.337 W/kg



#03_WCDMA Band II_RMC 12.2K_Left Cheek_Ch9400

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_141006 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ S/m; $\epsilon_r = 40.437$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3633; ConvF(7.92, 7.92, 7.92); Calibrated: 2013.10.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9400/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.42 W/kg

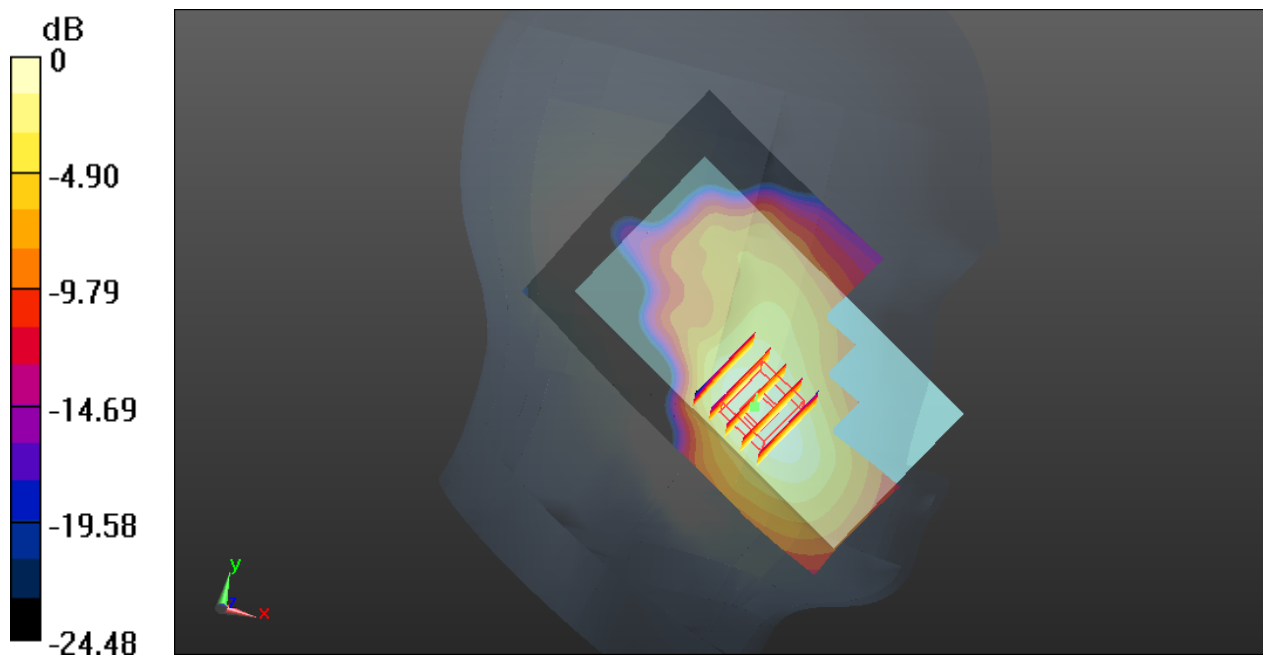
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.373 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.621 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg

#04_LTE Band 41_20M_QPSK(1,99)_Left Cheek_Ch39750

Communication System: TDD_LTE (0); Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_141013 Medium parameters used: $f = 2506$ MHz; $\sigma = 1.889$ mho/m; $\epsilon_r =$

38.622 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °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)

Ch39750/Area Scan (91x151x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.671 mW/g

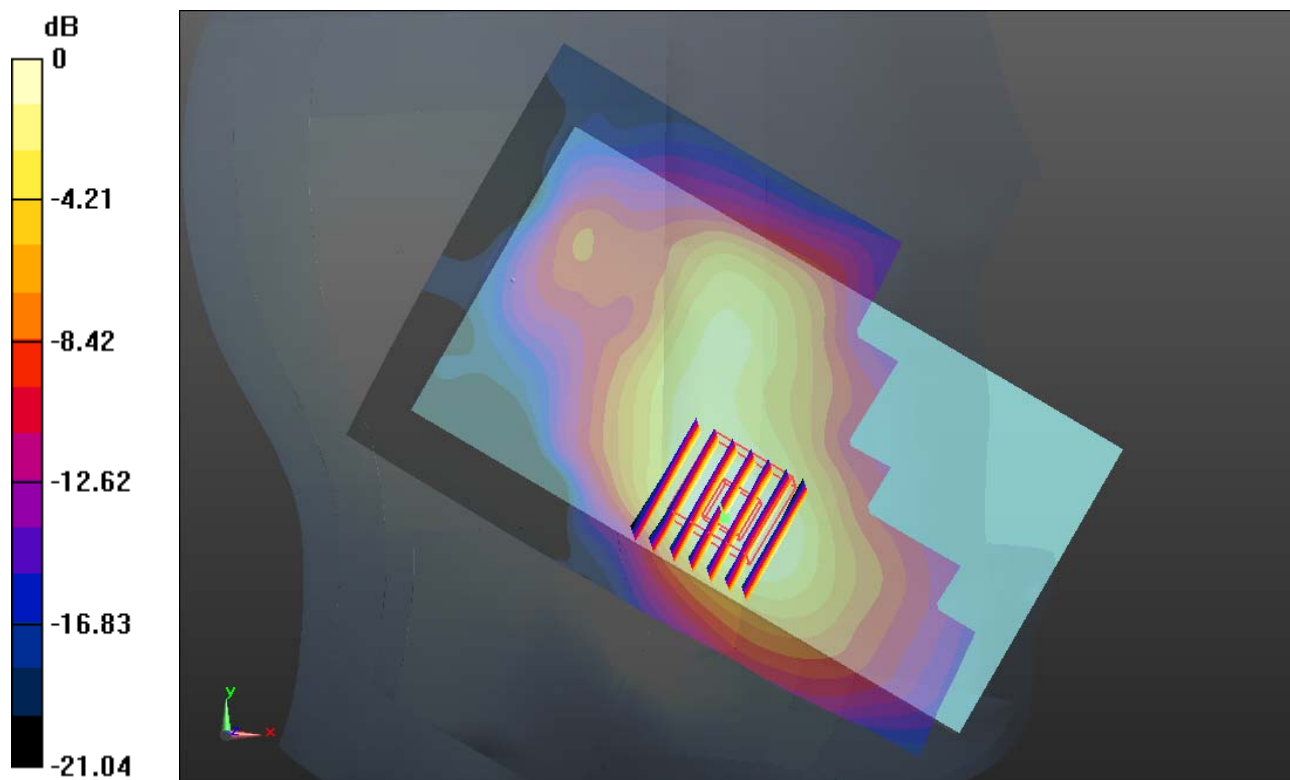
Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.092 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.851 W/kg

SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.644 mW/g



0 dB = 0.640 mW/g

#05_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch11

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

Medium: HSL_2450_141001 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.892$ S/m; $\epsilon_r = 40.41$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3633; ConvF(7.78, 7.78, 7.78); Calibrated: 2013.10.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.575 W/kg

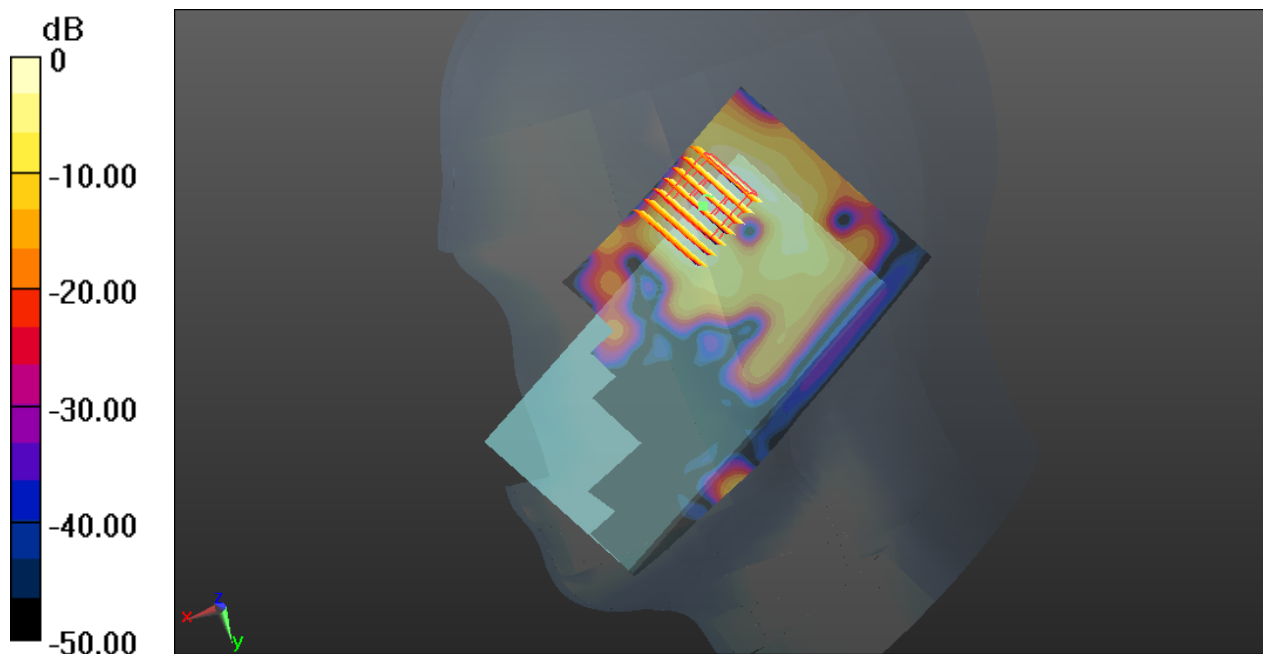
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.527 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg

#06_Bluetooth_DH5_Right Cheek_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.2
Medium: HSL_2450_141001 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.868$ S/m; $\epsilon_r = 40.502$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3633; ConvF(7.78, 7.78, 7.78); Calibrated: 2013.10.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch39/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0492 W/kg

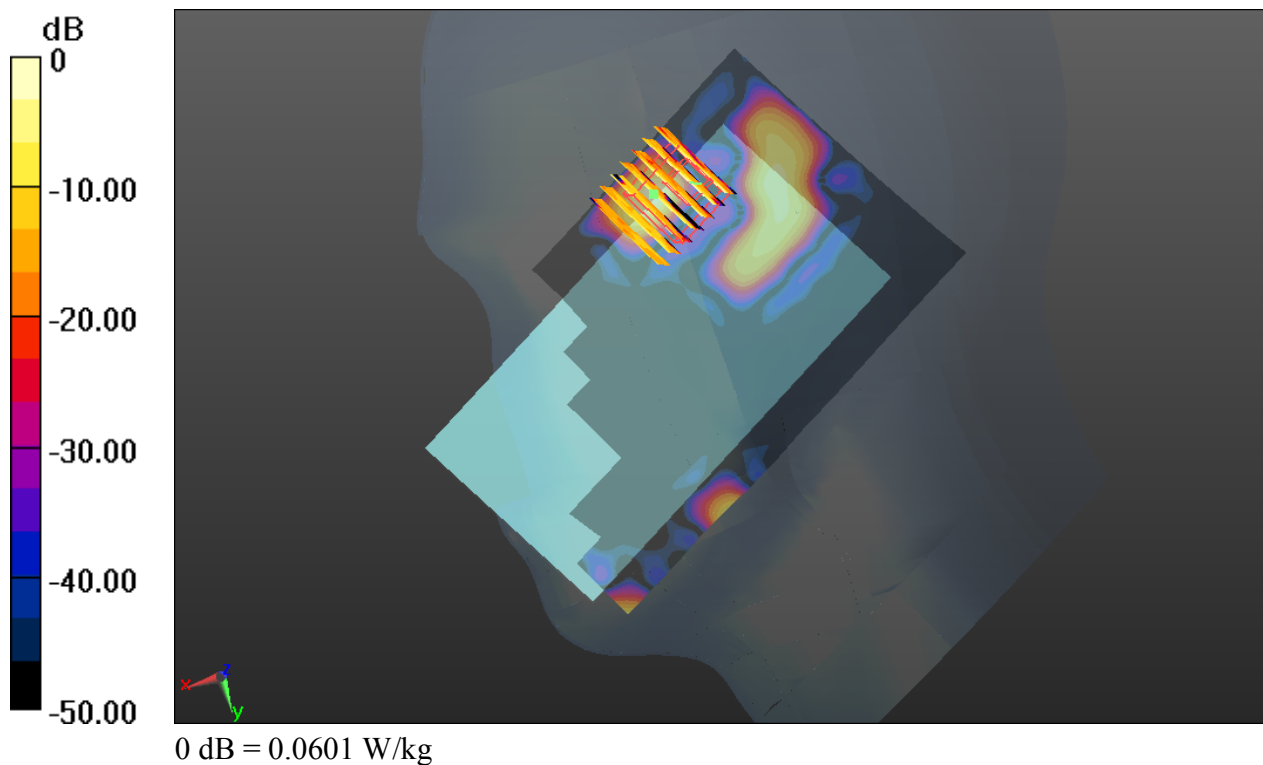
Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.988 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0601 W/kg



#07_GSM1900_GPRS(2 Tx slots)_Back_1cm_Ch512

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_141004 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.483$ S/m; $\epsilon_r = 53.628$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3633; ConvF(7.37, 7.37, 7.37); Calibrated: 2013.10.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch512/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.750 W/kg

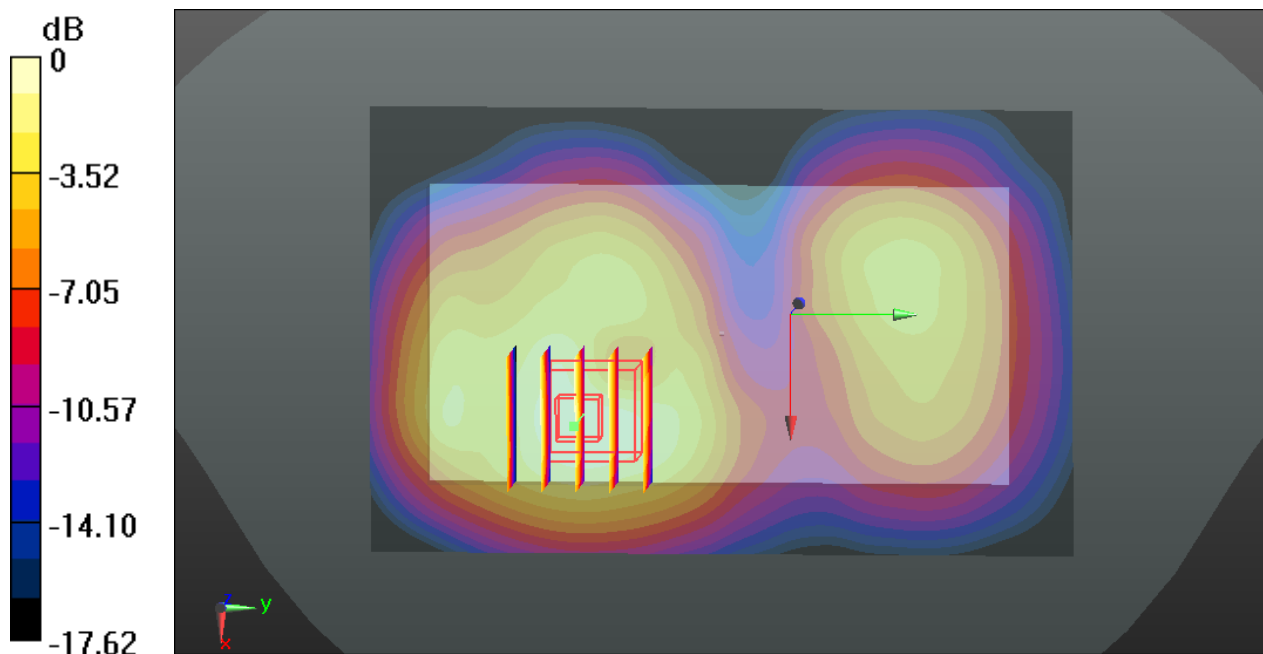
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.112 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.959 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.447 W/kg

Maximum value of SAR (measured) = 0.748 W/kg



0 dB = 0.748 W/kg

#08_WCDMA Band V_RMC 12.2K_Back_1cm_Ch4233

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_835_141006 Medium parameters used: $f = 846.6$ MHz; $\sigma = 1.015$ S/m; $\epsilon_r = 53.97$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3633; ConvF(9.52, 9.52, 9.52); Calibrated: 2013.10.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch4233/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.665 W/kg

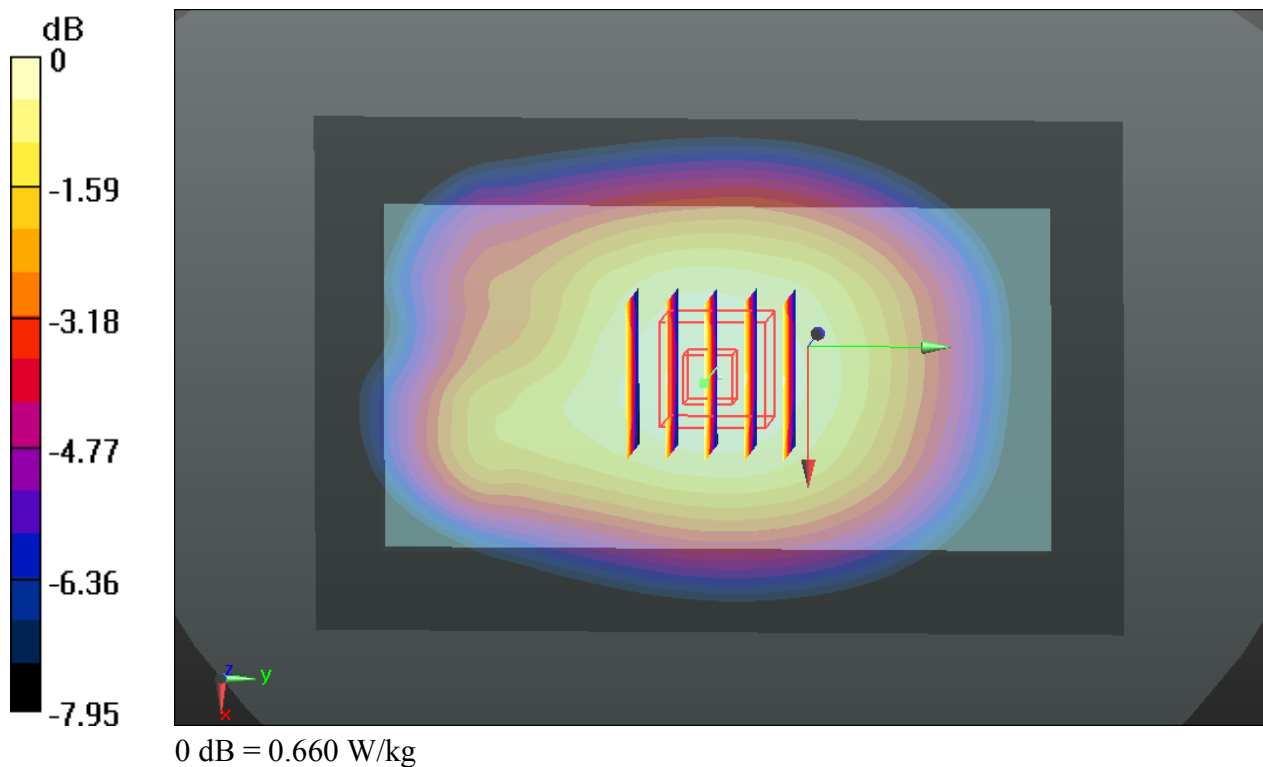
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.806 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.576 W/kg; SAR(10 g) = 0.442 W/kg

Maximum value of SAR (measured) = 0.660 W/kg



#09_WCDMA Band II_RMC 12.2K_Back_1cm_Ch9400

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL_1900_141004 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.517$ S/m; $\epsilon_r = 53.569$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3633; ConvF(7.37, 7.37, 7.37); Calibrated: 2013.10.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9400/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.07 W/kg

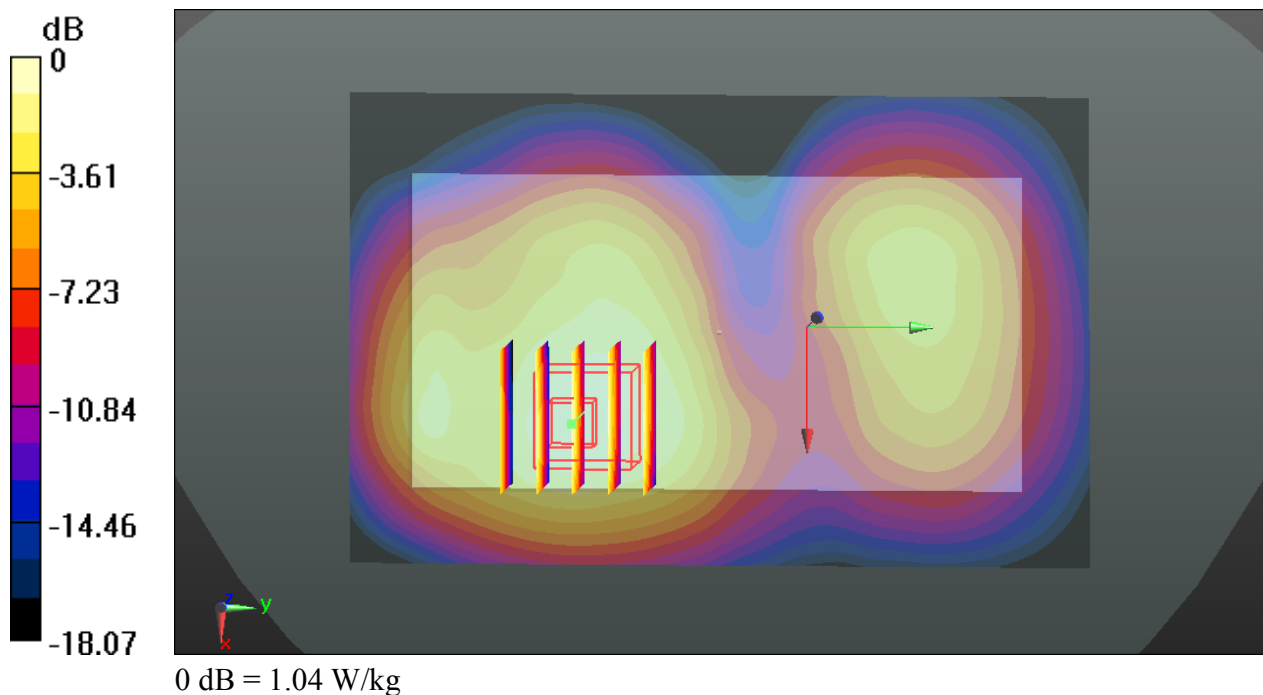
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.250 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.962 W/kg; SAR(10 g) = 0.617 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



#10_LTE Band 41_20M_QPSK(1,99)_Back 1cm_Ch40620

Communication System: TDD_LTE (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59

Medium: MSL_2600_141012 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.105$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch40620/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.003 mW/g

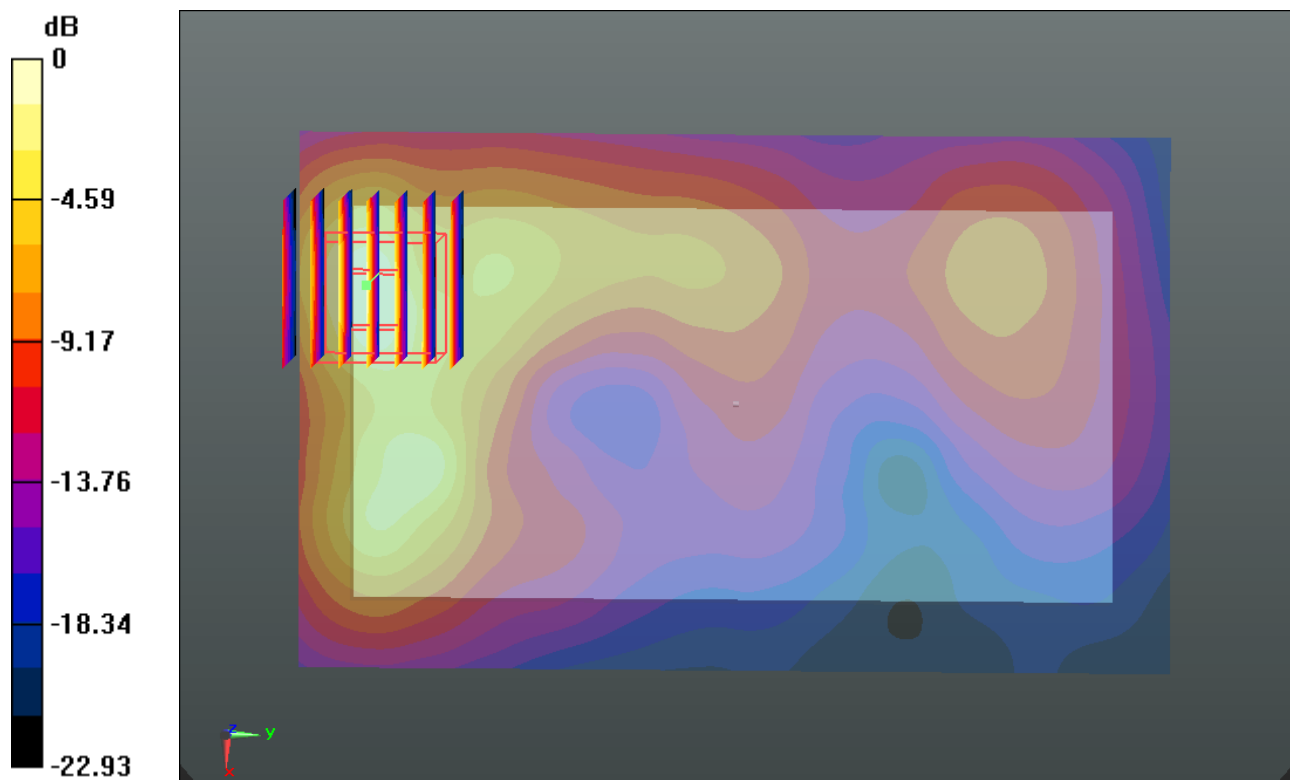
Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.213 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.586 W/kg

SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 1.053 mW/g



0 dB = 1.050mW/g

#11_WLAN2.4GHz_802.11b 1Mbps_Back_1cm_Ch11

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

Medium: MSL_2450_141005 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.012$ S/m; $\epsilon_r = 52.233$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3633; ConvF(7.6, 7.6, 7.6); Calibrated: 2013.10.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.312 W/kg

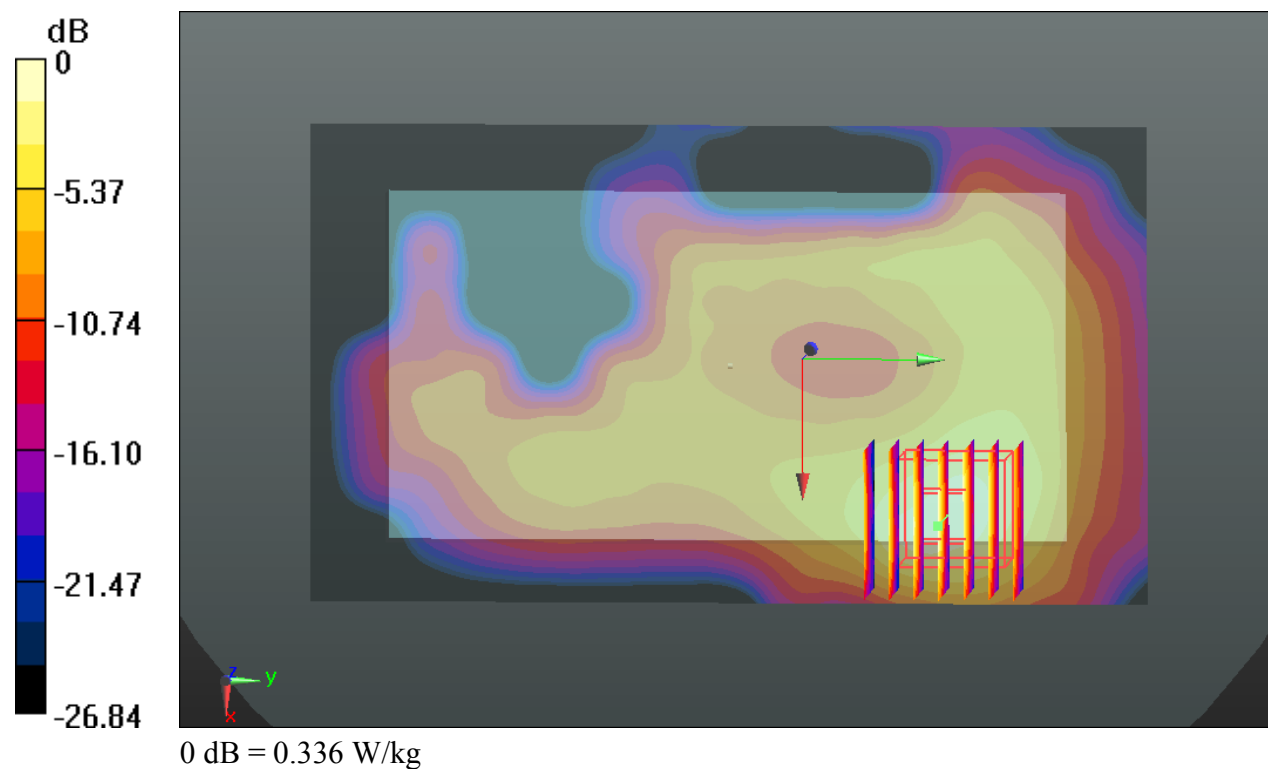
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.396 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.453 W/kg

SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.336 W/kg



#12_Bluetooth_DH5_Back_1cm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.2
Medium: MSL_2450_141005 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.979$ S/m; $\epsilon_r = 52.358$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3633; ConvF(7.6, 7.6, 7.6); Calibrated: 2013.10.24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch39/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0809 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.858 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0472 W/kg

