

System Check_Body_5750MHz

DUT: D5GHzV2-SN:1167-5750

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: MSL_5750_180821 Medium parameters used: $f = 5750$ MHz; $\sigma = 6.113$ S/m; $\epsilon_r = 47.307$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.4, 4.4, 4.4); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 18.1 W/kg

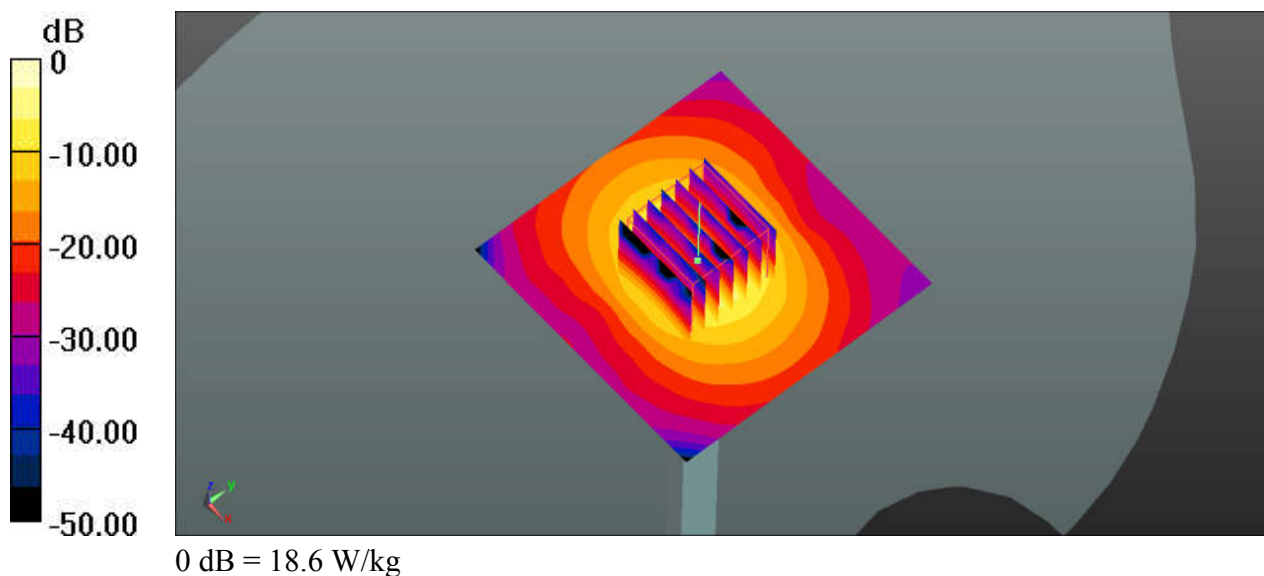
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 44.98 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 30.2 W/kg

SAR(1 g) = 7.26 W/kg; SAR(10 g) = 1.97 W/kg

Maximum value of SAR (measured) = 18.6 W/kg





Appendix B. Plots of High SAR Measurement

The plots are shown as follows.

01_GSM850_GPRS(1 Tx slots)_Right Cheek_Ch251

Communication System: UID 0, Generic GSM (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_835_180803 Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 39.447$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.53 W/kg

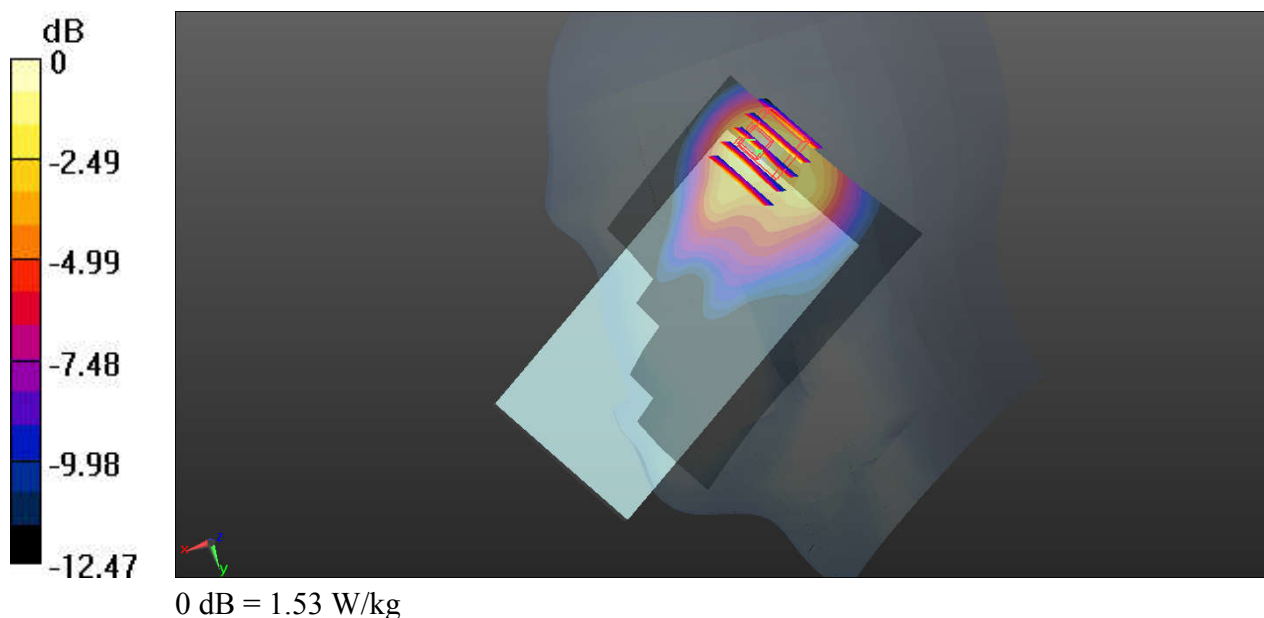
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.679 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.963 W/kg; SAR(10 g) = 0.583 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



02_GSM1900_GPRS(3 Tx slots)_Right Cheek_Ch661

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium: HSL_1900_180810 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 40.129$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.13, 8.13, 8.13); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.49 W/kg

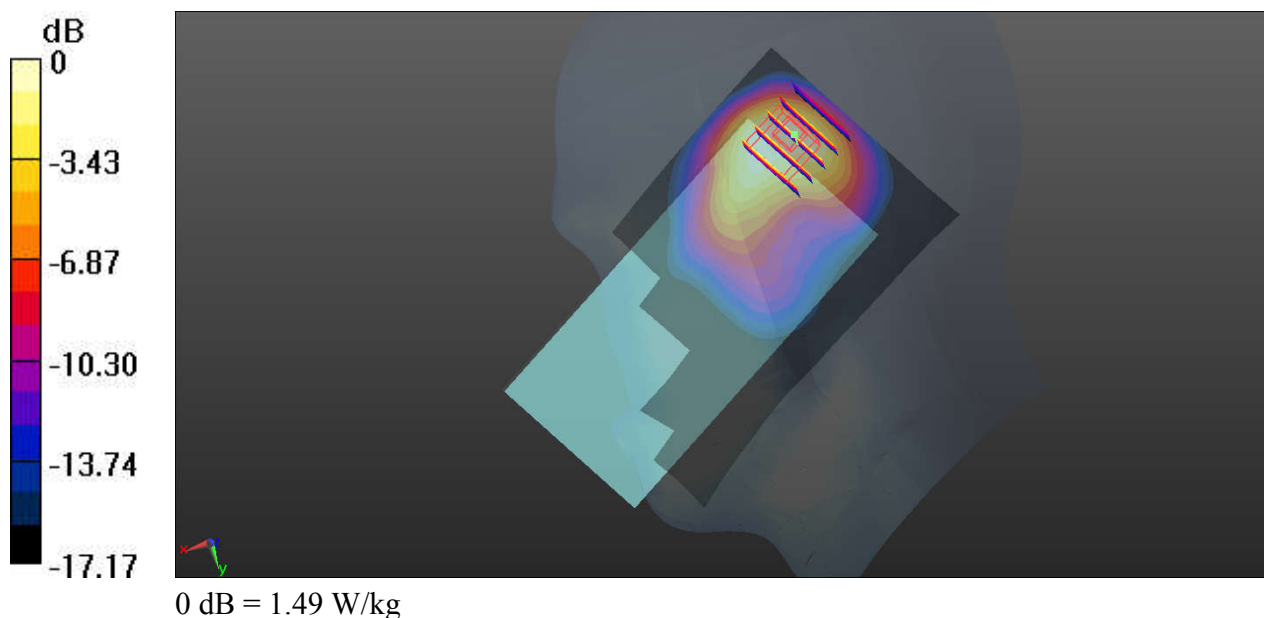
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.794 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.20 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.571 W/kg

Maximum value of SAR (measured) = 1.64 W/kg



03_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4233

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_835_180803 Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 39.468$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.38 W/kg

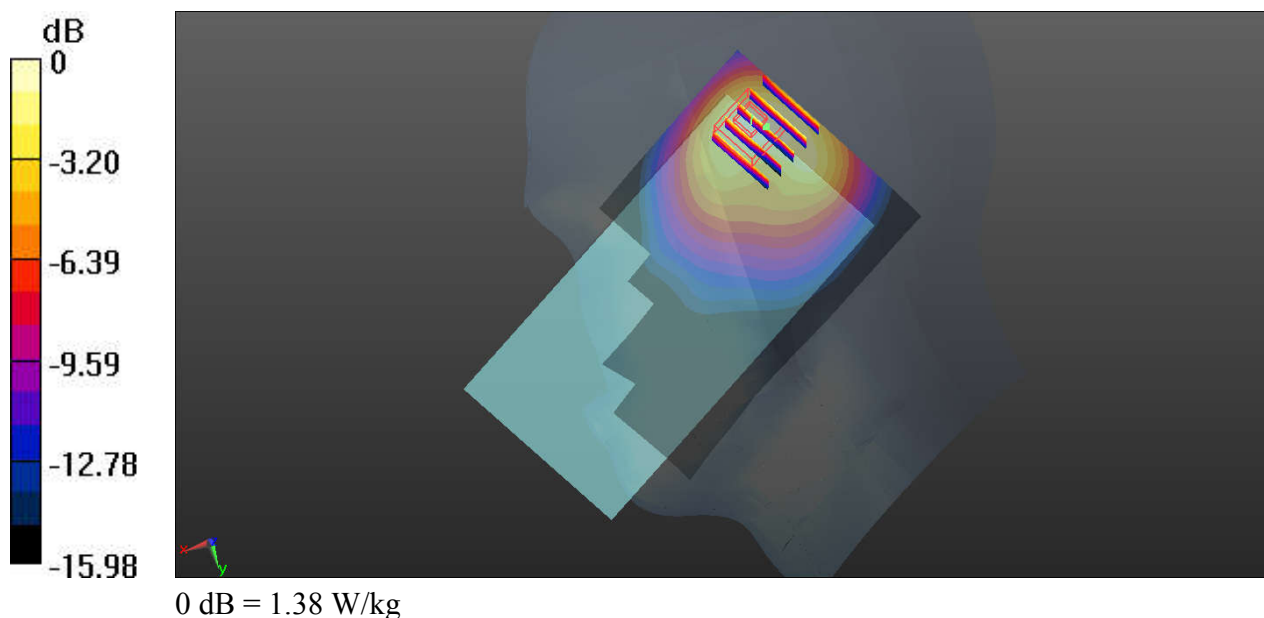
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.926 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.486 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



04_WCDMA IV_RMC 12.2Kbps_Right Cheek_Ch1413

Communication System: UID 0, UMTS (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: HSL_1750_180805 Medium parameters used: $f = 1732.6$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 40.176$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.37, 8.37, 8.37); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1413/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.80 W/kg

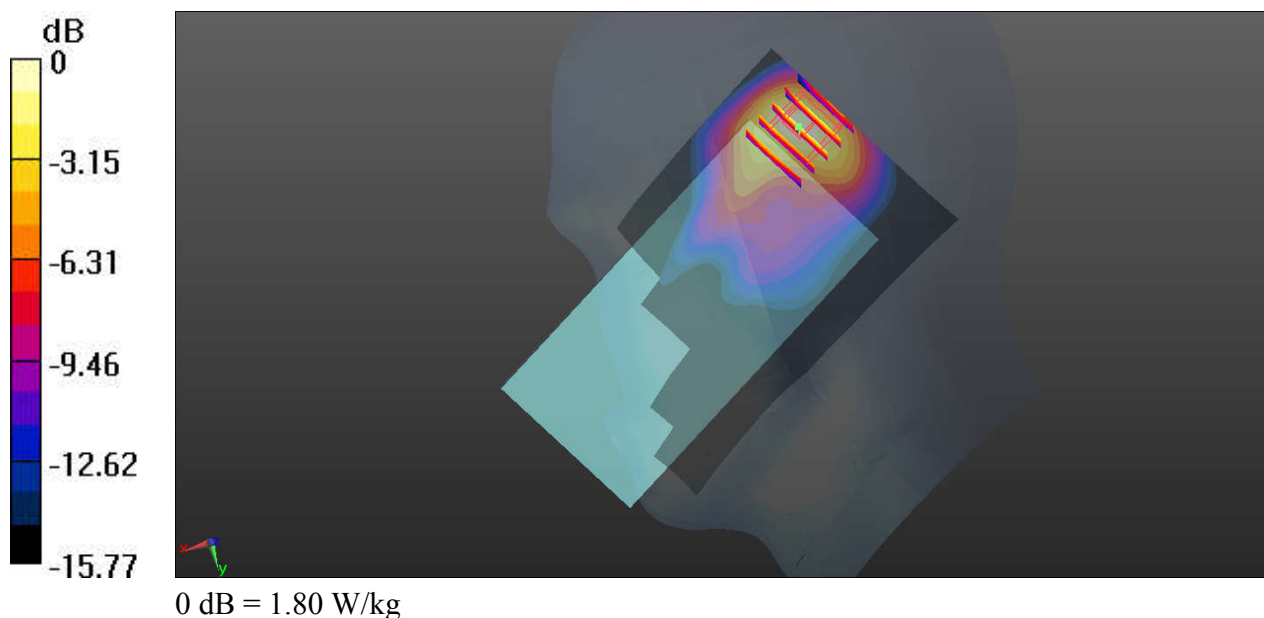
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.551 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.691 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



05_WCDMA II_RMC 12.2Kbps_Right Cheek_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: HSL_1900_180810 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.391$ S/m; $\epsilon_r = 40.251$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.13, 8.13, 8.13); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9262/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.76 W/kg

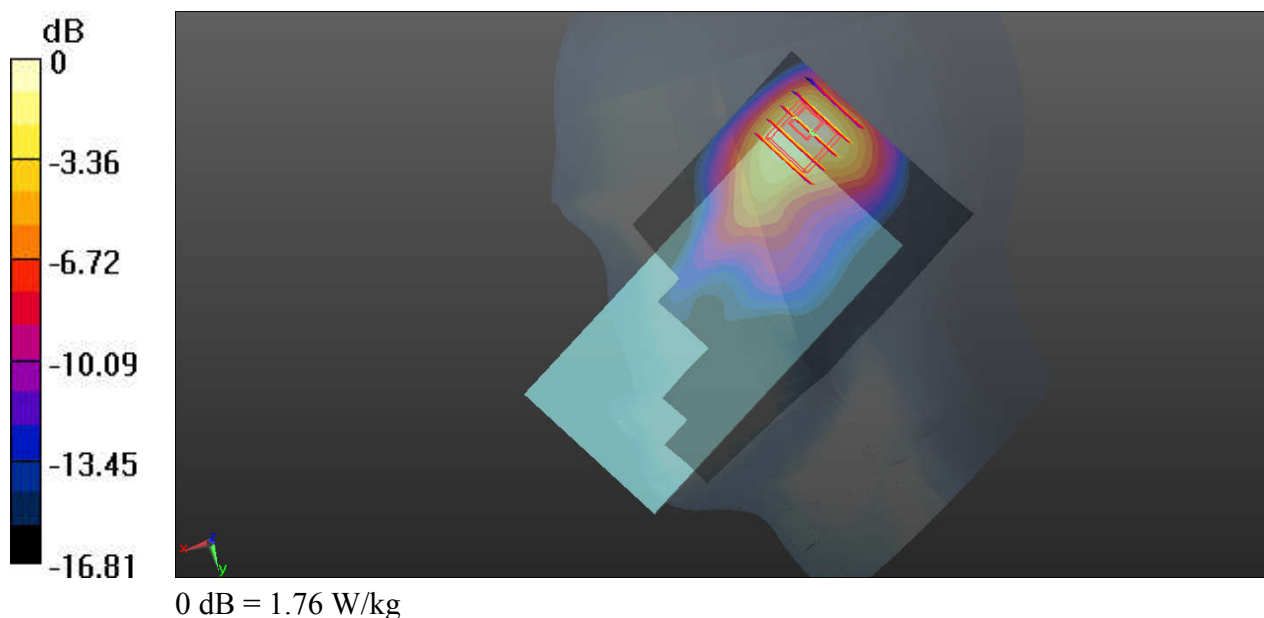
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.712 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.710 W/kg

Maximum value of SAR (measured) = 1.40 W/kg



06_CDMA2000 BC0_RC3+SO55_Right Cheek_Ch777

Communication System: UID 0, CDMA2000 (0); Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium: HSL_835_180803 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 39.454$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch777/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.55 W/kg

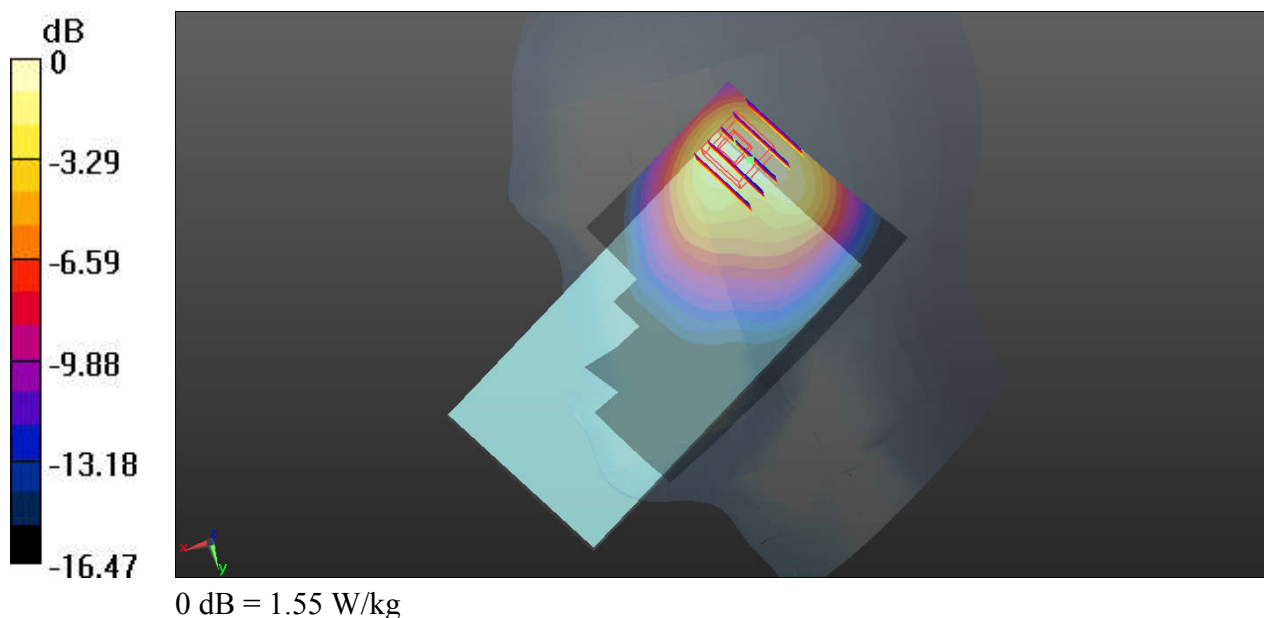
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.243 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.579 W/kg

Maximum value of SAR (measured) = 1.82 W/kg



07_CDMA2000 BC1_RC3+SO55_Right Cheek_Ch1175

Communication System: UID 0, CDMA2000 (0); Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_180810 Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.449$ S/m; $\epsilon_r = 40$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.13, 8.13, 8.13); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1175/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.06 W/kg

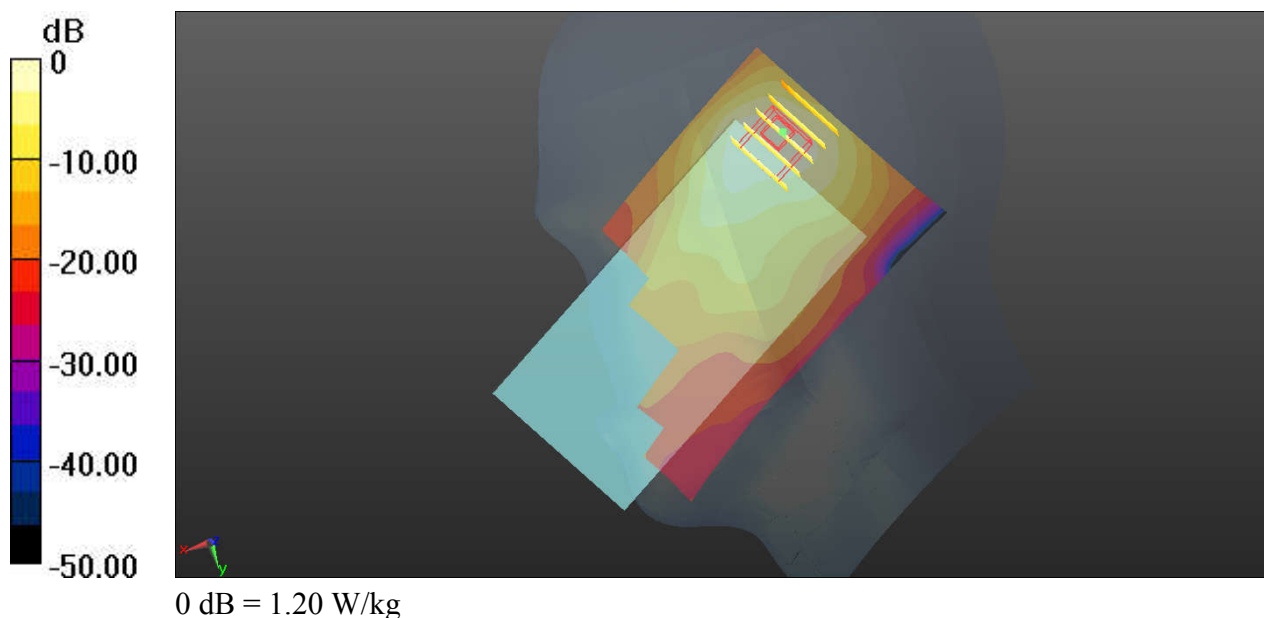
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.432 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.862 W/kg; SAR(10 g) = 0.541 W/kg

Maximum value of SAR (measured) = 1.20 W/kg



08_LTE Band 71_20M_QPSK_1RB_0Offset_Right Tilted_Ch133322

Communication System: UID 0, LTE (0); Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL_750_180802 Medium parameters used: $f = 683$ MHz; $\sigma = 0.837$ S/m; $\epsilon_r = 42.066$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(10.06, 10.06, 10.06); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch133322/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm.

Maximum value of SAR (interpolated) = 1.73 W/kg

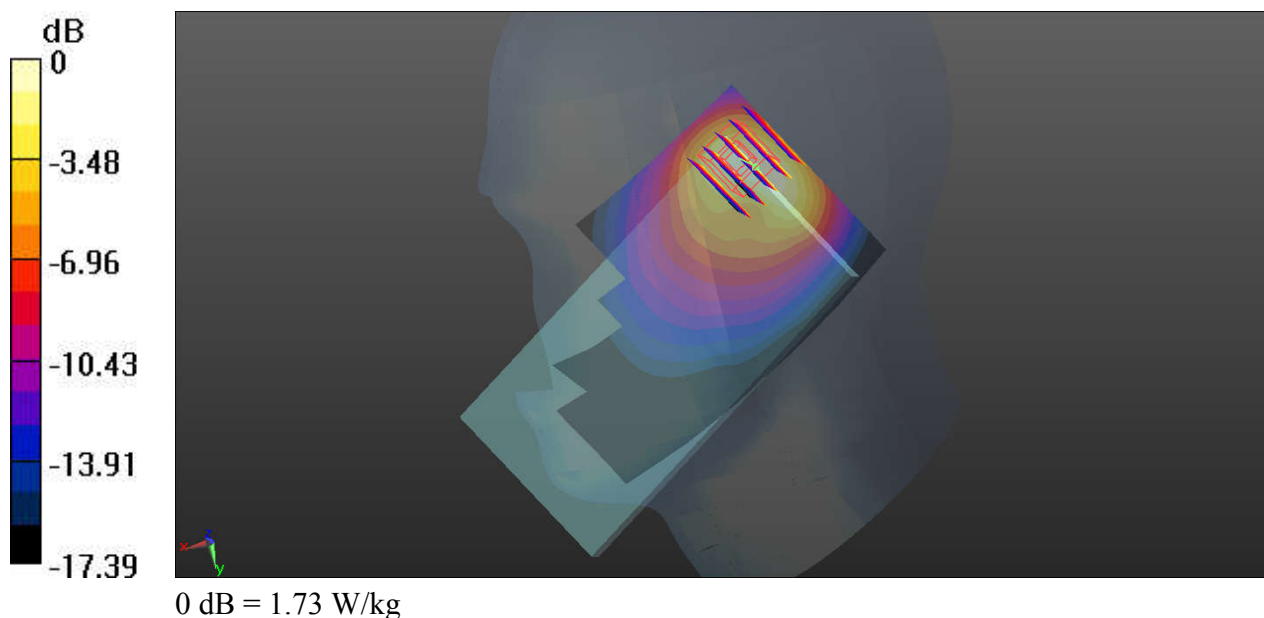
Ch133322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.751 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.99 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.556 W/kg

Maximum value of SAR (measured) = 1.77 W/kg



09_LTE Band 12_10M_QPSK_1RB_0Offset_Right Cheek_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: HSL_750_180802 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 41.674$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(10.06, 10.06, 10.06); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23095/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

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

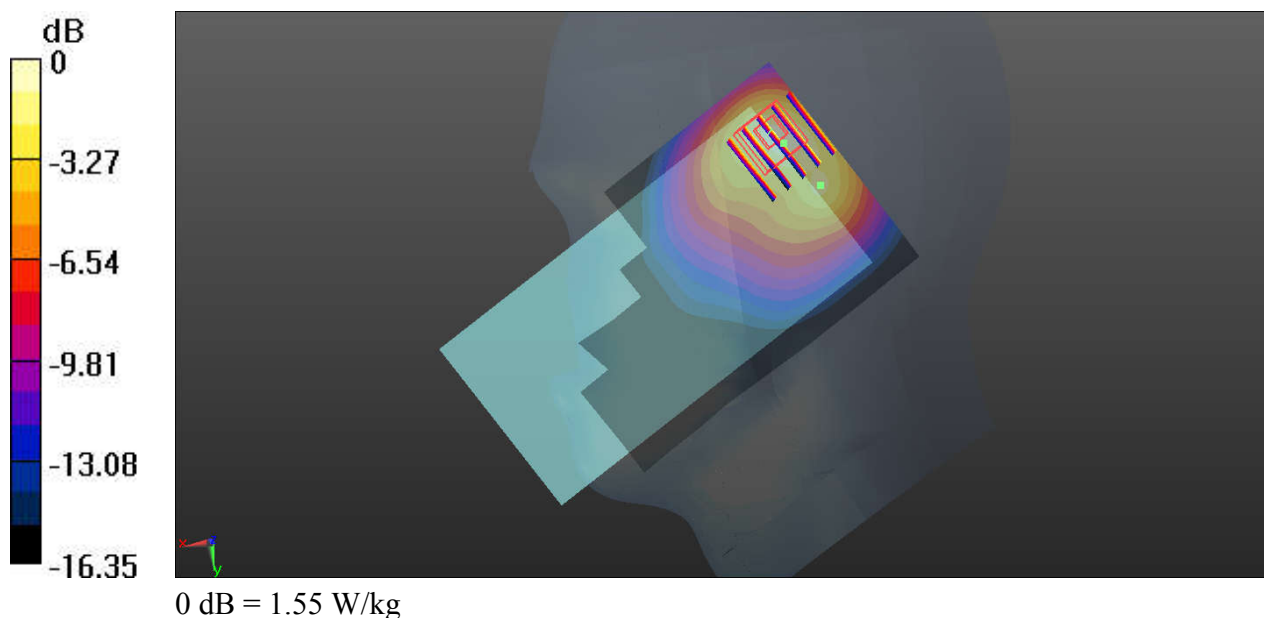
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.054 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.492 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



10_LTE Band 13_10M_QPSK_1RB_49Offset_Right Cheek_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_180802 Medium parameters used: $f = 782$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 40.018$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(10.06, 10.06, 10.06); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23230/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.34 W/kg

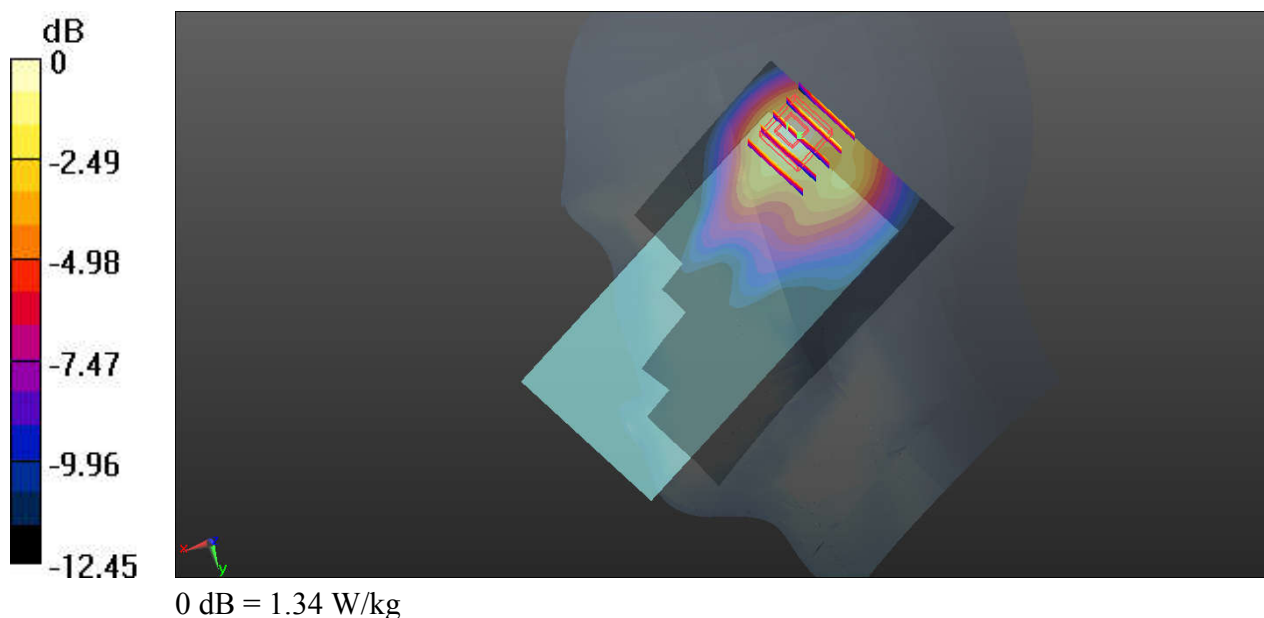
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.003 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.575 W/kg

Maximum value of SAR (measured) = 1.28 W/kg



11_LTE Band 5_10M_QPSK_25RB_12Offset_Right Tilted_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_180803 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 39.59$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.76 W/kg

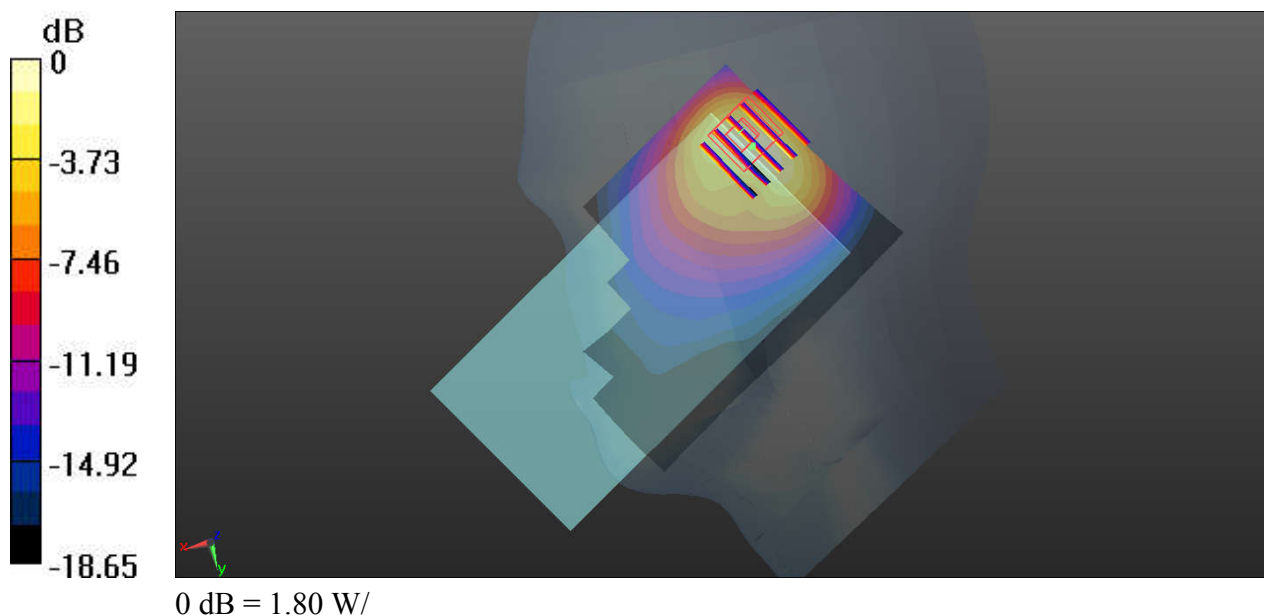
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.326 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.522 W/kg

Maximum value of SAR (measured) = 1.80 W/kg



12_LTE Band 26_15M_QPSK_1RB_0Offset_Right Cheek_Ch26965

Communication System: UID 0, LTE (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_180803 Medium parameters used: $f = 841.5$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 39.533$;
 $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26965/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.65 W/kg

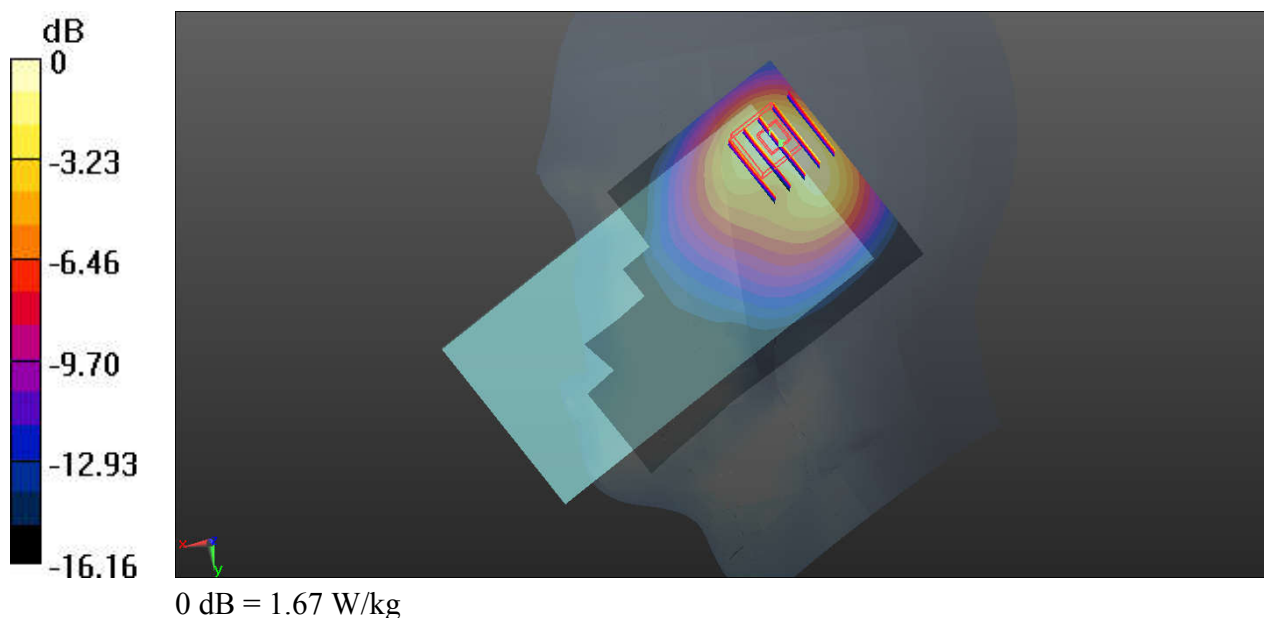
Ch26965/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.307 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.558 W/kg

Maximum value of SAR (measured) = 1.67 W/kg



13_LTE Band 66_20M_QPSK_100RB_0Offset_Right Cheek_Ch132322

Communication System: UID 0, LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL_1750_180805 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 40.127$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.37, 8.37, 8.37); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.26 W/kg

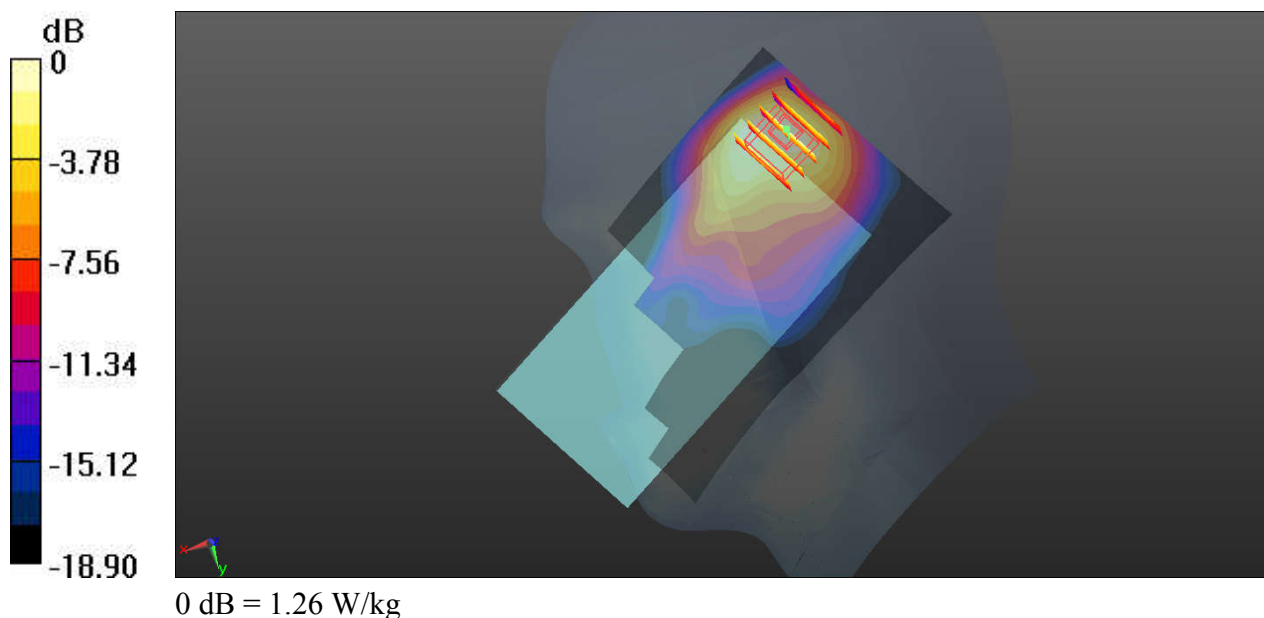
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.582 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.644 W/kg

Maximum value of SAR (measured) = 1.49 W/kg



14_LTE Band 25_20M_QPSK_50RB_0Offset_Right Tilted_Ch26340

Communication System: UID 0, LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_180810 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 40.129$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.13, 8.13, 8.13); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26340/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.13 W/kg

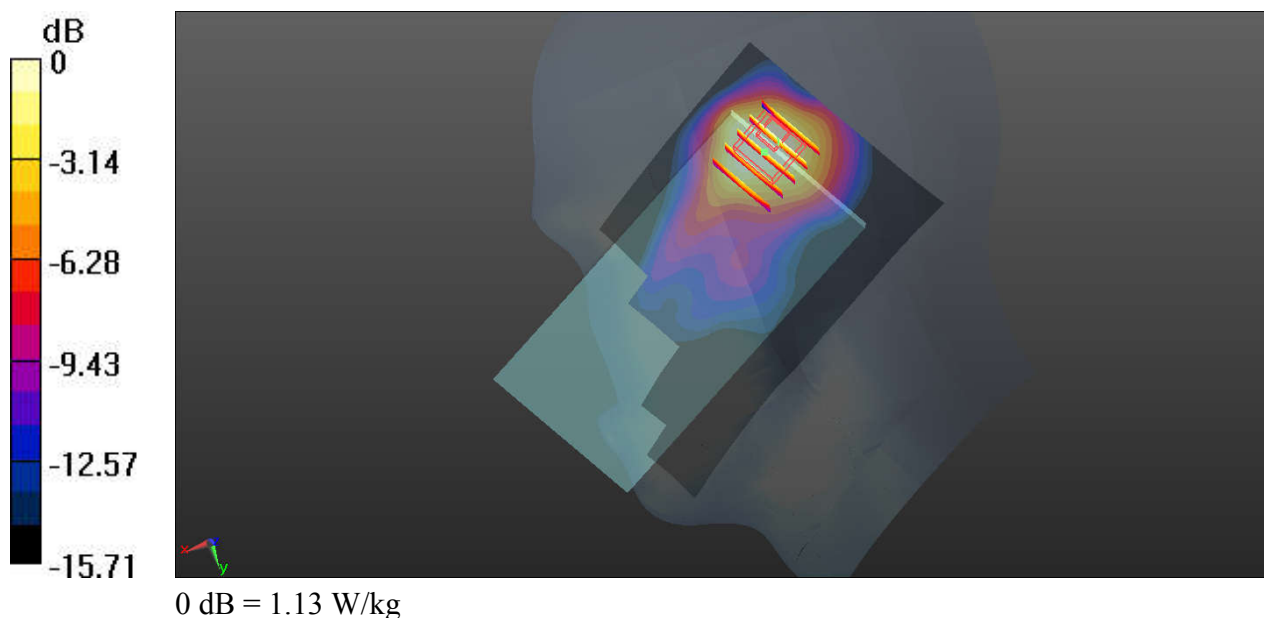
Ch26340/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.242 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.662 W/kg

Maximum value of SAR (measured) = 1.72 W/kg



15_LTE Band 2_20M_QPSK_1RB_0Offset_Right Cheek_Ch18900

Communication System: UID 0, LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_180810 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 40.129$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.13, 8.13, 8.13); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.12 W/kg

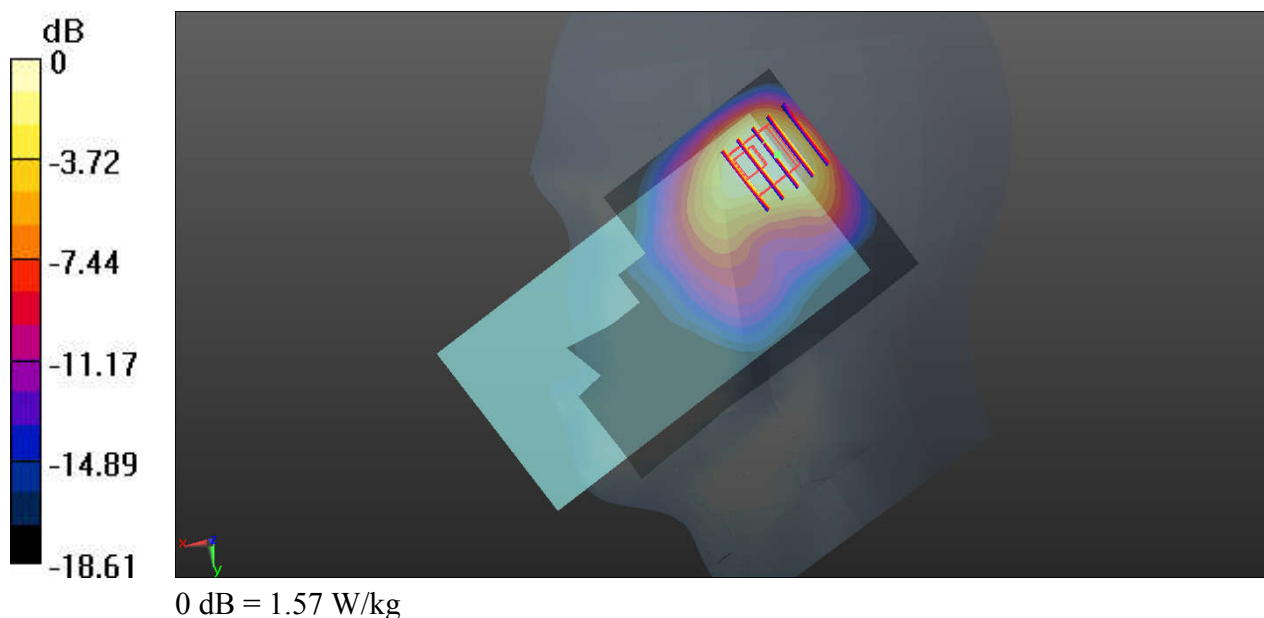
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.382 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.619 W/kg

Maximum value of SAR (measured) = 1.57 W/kg



16_LTE Band 30_10M_QPSK_1RB_0Offset_Right Cheek_Ch27710

Communication System: UID 0, LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL_2300_180807 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.682$ S/m; $\epsilon_r = 38.704$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8.38, 8.38, 8.38); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch27710/Area Scan (91x161x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 2.06 W/kg

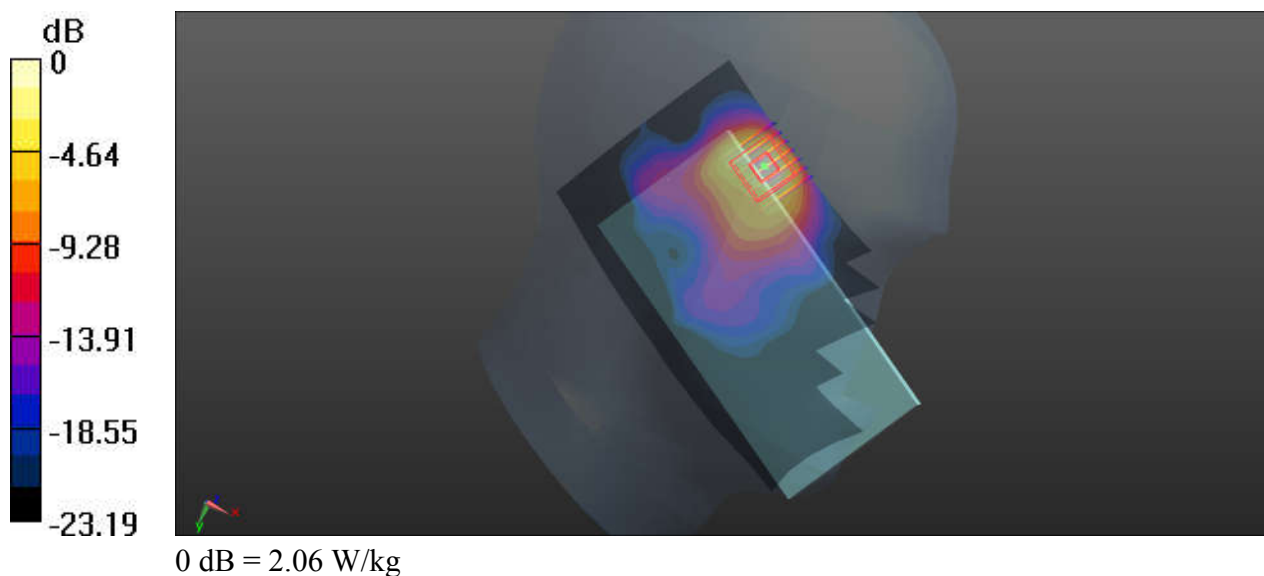
Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.635 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.508 W/kg

Maximum value of SAR (measured) = 2.01 W/kg



17_LTE Band 7_20M_QPSK_1RB_0Offset_Right Cheek_Ch21350

Communication System: UID 0, LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL_2600_180806 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 37.49$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(7.82, 7.82, 7.82); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21350/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.28 W/kg

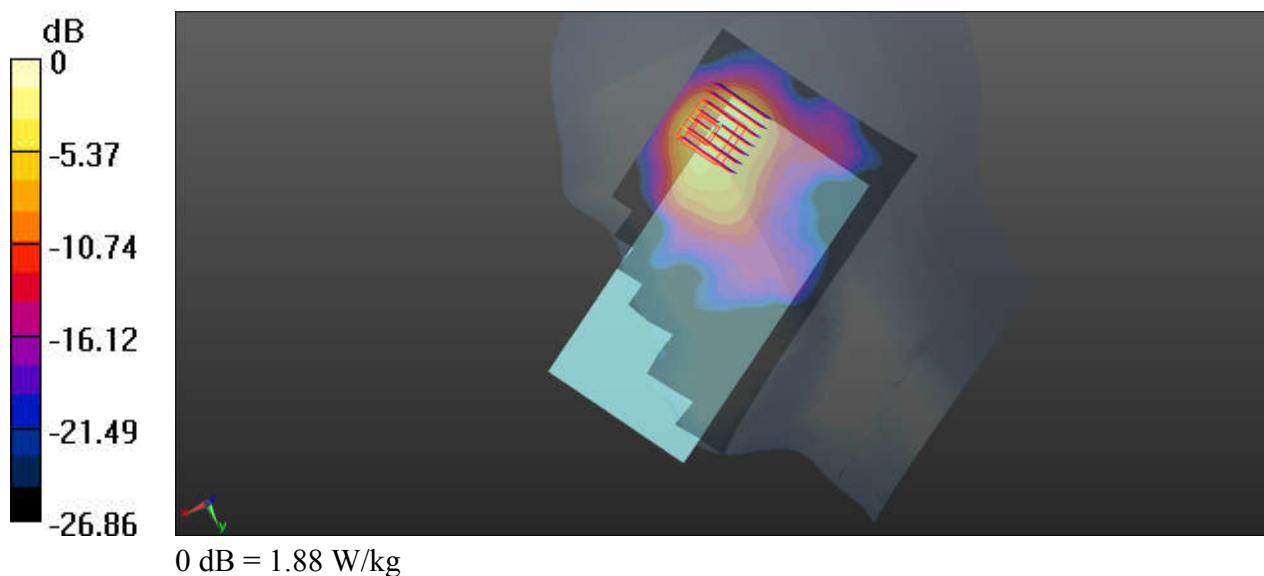
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.010 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.72 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.439 W/kg

Maximum value of SAR (measured) = 1.88 W/kg



18_LTE Band 41_20M_QPSK_50RB_0Offset_Right Cheek_Ch41490

Communication System: UID 0, LTE (0); Frequency: 2680 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_180806 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.153$ S/m; $\epsilon_r = 37.005$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(7.82, 7.82, 7.82); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch41490/Area Scan (91x161x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.70 W/kg

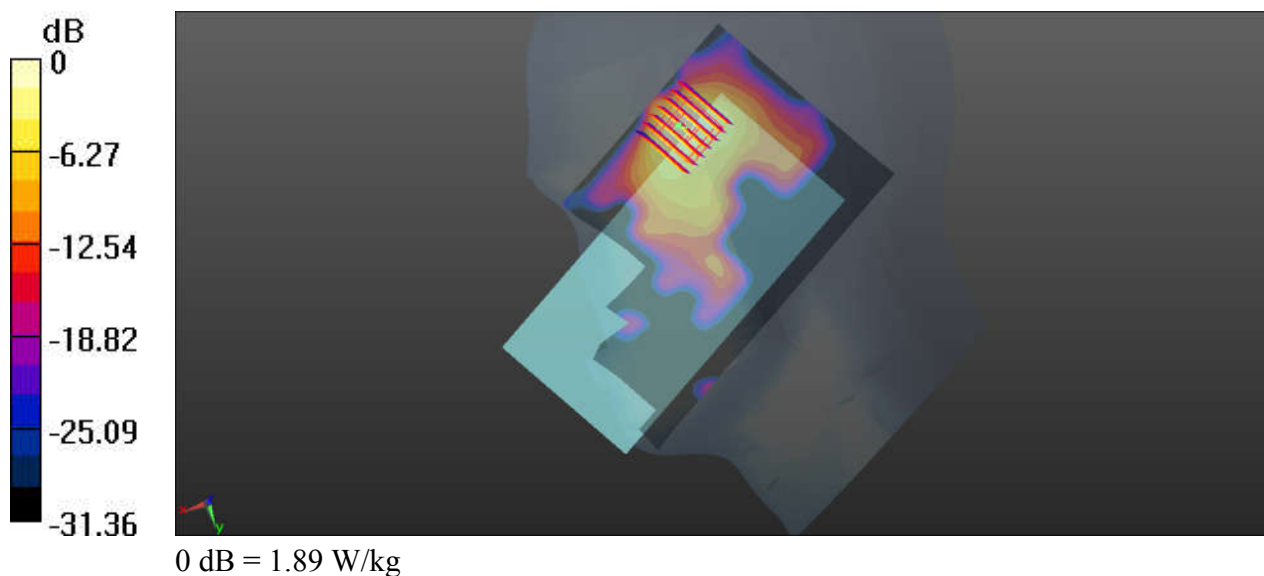
Ch41490/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.807 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.05 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.468 W/kg

Maximum value of SAR (measured) = 1.89 W/kg



19_WLAN 2.4GHz _802.11b 1Mbps_Left Cheek_0mm_Ant 1_Ch6

Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.007

Medium: HSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.834$ S/m; $\epsilon_r = 39.063$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.49, 7.49, 7.49); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.65 W/kg

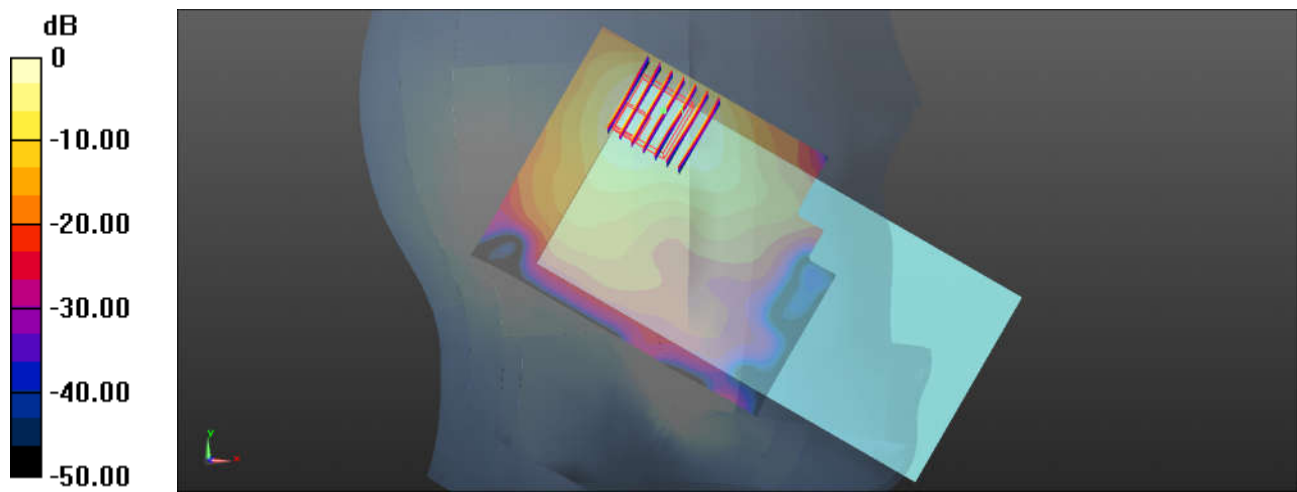
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.361 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.432 W/kg

Maximum value of SAR (measured) = 1.56 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

20_WLAN 2.4GHz _802.11b 1Mbps_Right Cheek_0mm_Ant 2_Ch6

Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.007

Medium: HSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.834$ S/m; $\epsilon_r = 39.063$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.49, 7.49, 7.49); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

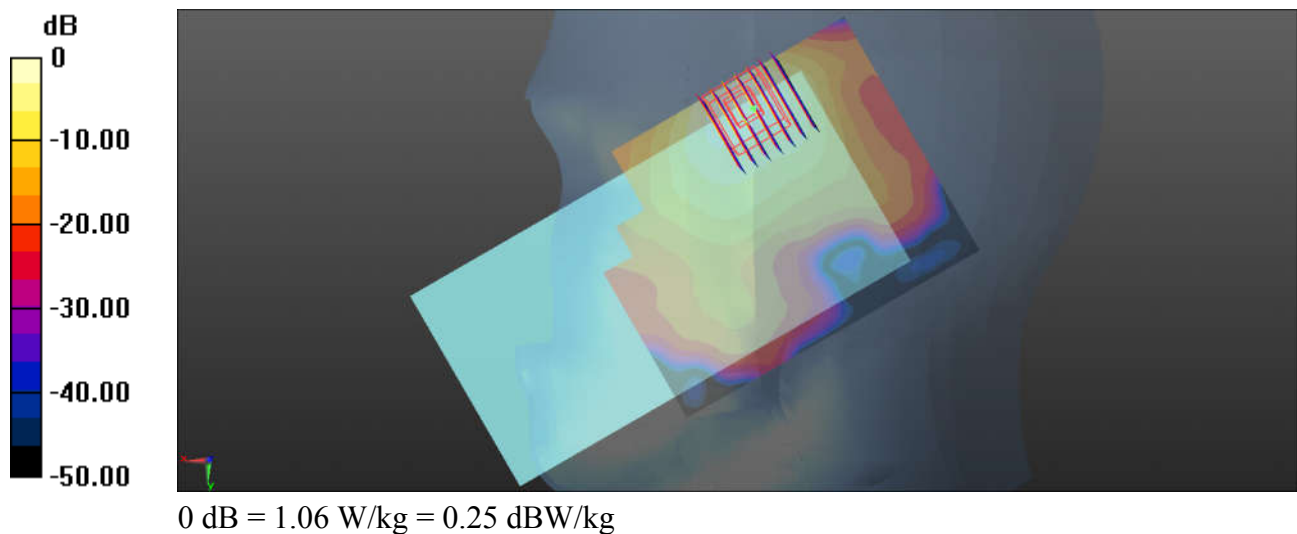
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.50 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.304 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



21_WLAN5GHz_802.11n-HT40 MCS0_Left Tilted_0mm_Ch62

Communication System: UID 0, WIFI (0); Frequency: 5310 MHz; Duty Cycle: 1:1.037

Medium: HSL_5250_180823 Medium parameters used: $f = 5310$ MHz; $\sigma = 4.654$ S/m; $\epsilon_r = 36.58$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(5.77, 5.77, 5.77); Calibrated: 2018.01.11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch62/Area Scan (101x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.62 W/kg

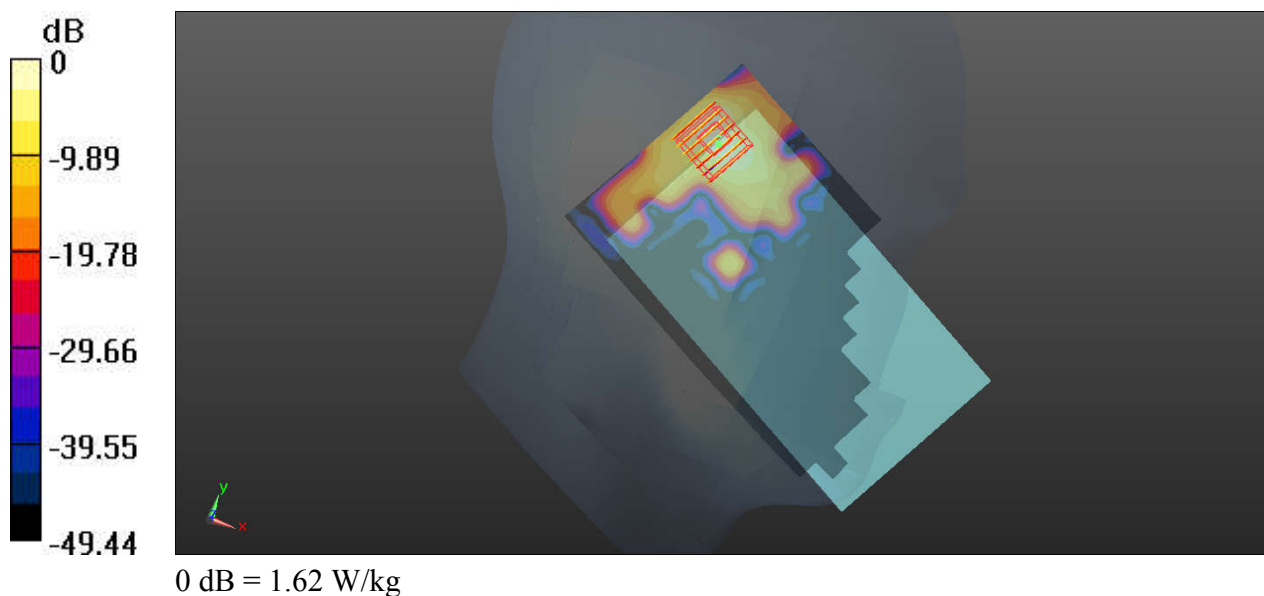
Ch62/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.659 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.31 W/kg

SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 1.82 W/kg



22_WLAN5GHz_802.11n-HT40 MCS0_Left Tilted_0mm_MIMO_Ch102

Communication System: UID 0, 802.11n (0); Frequency: 5510 MHz; Duty Cycle: 1:1.037

Medium: HSL_5000 Medium parameters used: $f = 5510$ MHz; $\sigma = 5.114$ S/m; $\epsilon_r = 36.724$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.59, 4.59, 4.59); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch102/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.08 W/kg

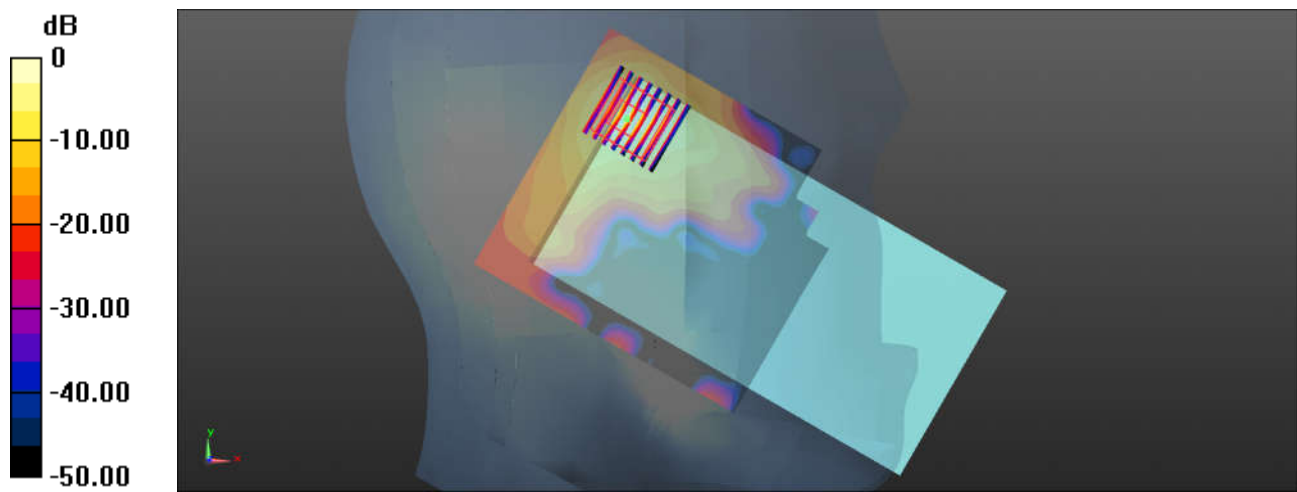
Ch102/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.34 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 0.917 W/kg; SAR(10 g) = 0.298 W/kg

Maximum value of SAR (measured) = 2.39 W/kg



0 dB = 2.08 W/kg = 3.18 dBW/kg

23_WLAN5GHz_802.11n-HT40 MCS0_Left Cheek_0mm_MIMO_Ch151

Communication System: UID 0, 802.11n (0); Frequency: 5755 MHz; Duty Cycle: 1:1.037

Medium: HSL_5000 Medium parameters used: $f = 5755$ MHz; $\sigma = 5.368$ S/m; $\epsilon_r = 36.358$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.74, 4.74, 4.74); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch151/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.04 W/kg

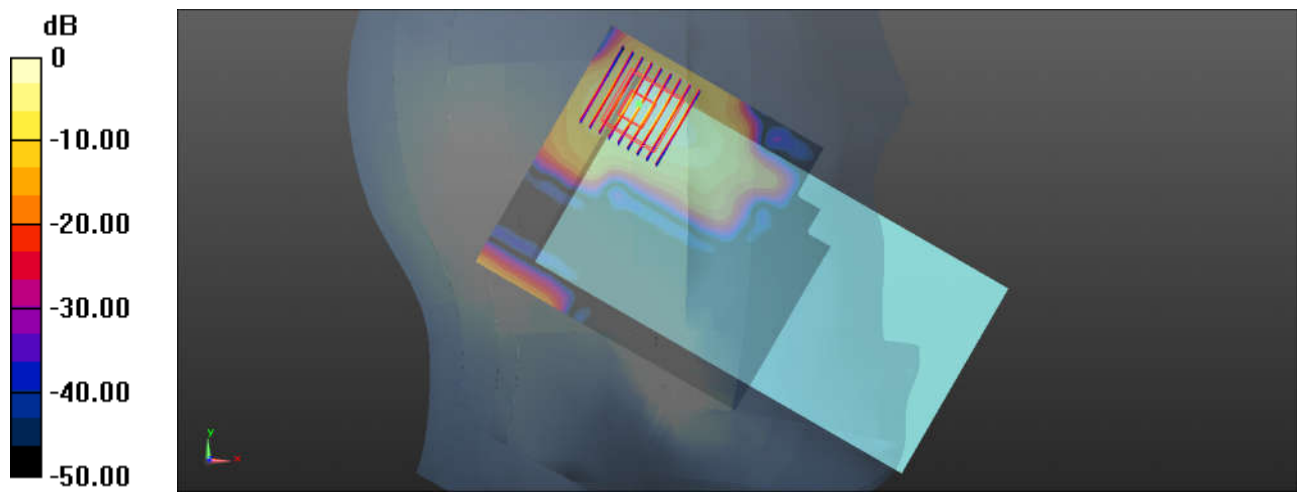
Ch151/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.93 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.16 W/kg

SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 2.05 W/kg



0 dB = 2.04 W/kg = 3.10 dBW/kg

24_Bluetooth_DH5 1Mbps_Left Cheek_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.301
Medium: HSL_2450_180812 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.812$ S/m; $\epsilon_r = 38.037$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(7.92, 7.92, 7.92); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.529 W/kg

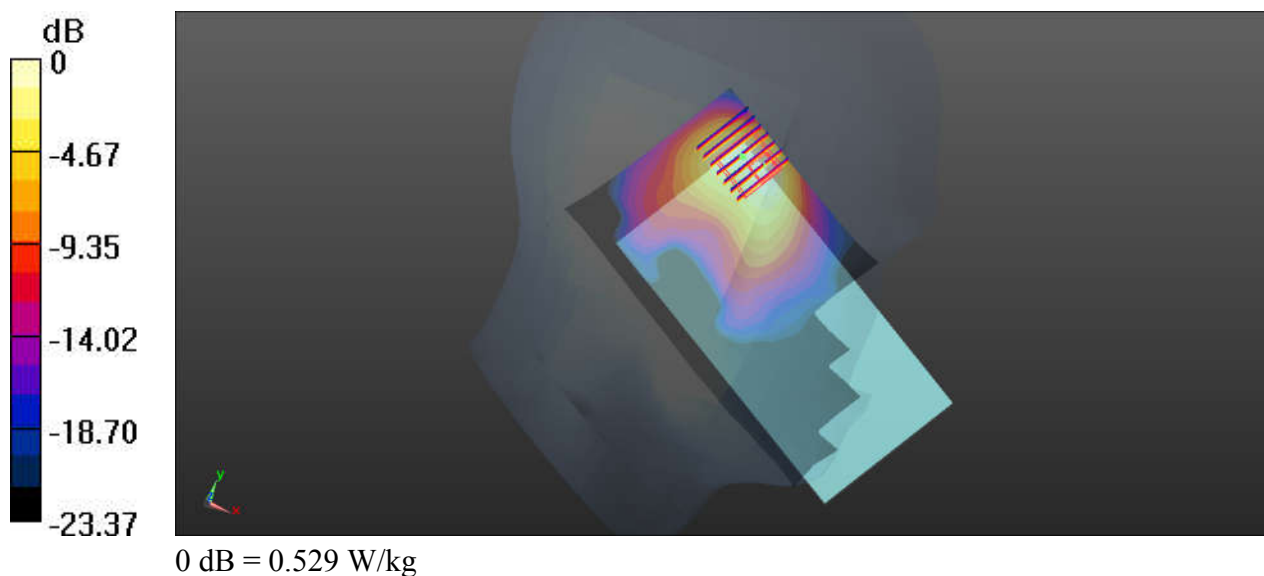
Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.479 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 0.569 W/kg



25_GSM850_GPRS(3 Tx slots)_Back_10mm_Ch128

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.77
Medium: MSL_835_180730 Medium parameters used: $f = 824.2$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 56.363$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.679 W/kg

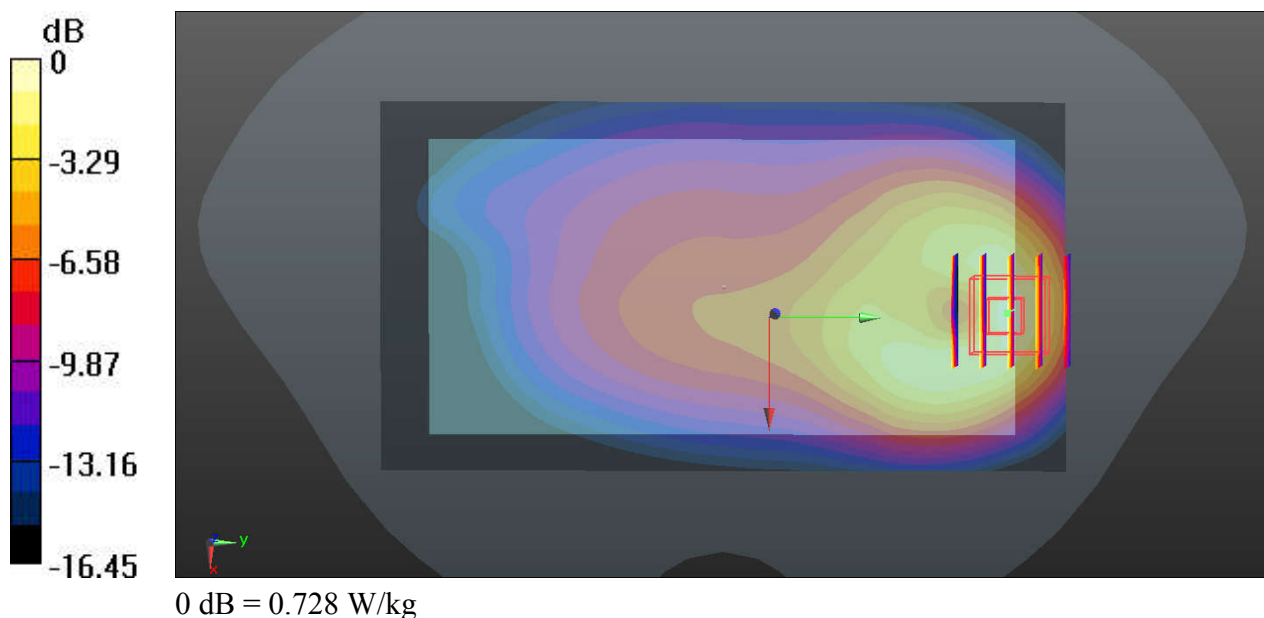
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.611 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.950 W/kg

SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 0.728 W/kg



26_GSM1900_GPRS(3 Tx slots)_Bottom Side_10mm_Ch810

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.77
Medium: MSL_1900_180731 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.54$ S/m; $\epsilon_r = 54.651$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8.27, 8.27, 8.27); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch810/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.61 W/kg

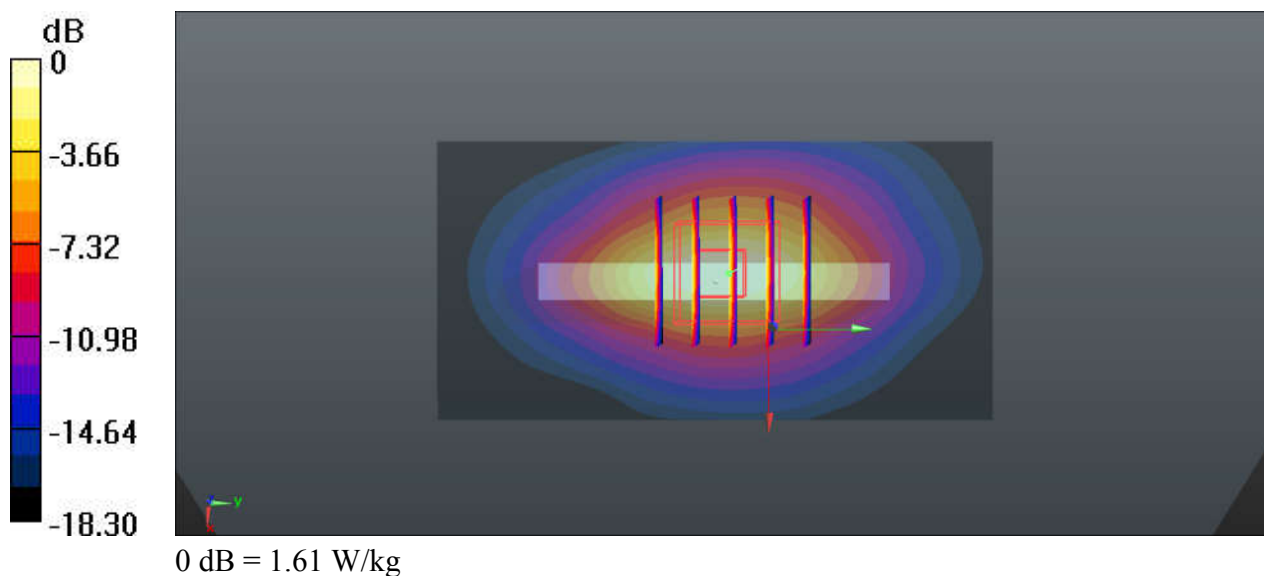
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.531 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.579 W/kg

Maximum value of SAR (measured) = 1.56 W/kg



27_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4233

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_835_180730 Medium parameters used: $f = 846.6$ MHz; $\sigma = 1.024$ S/m; $\epsilon_r = 56.127$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.816 W/kg

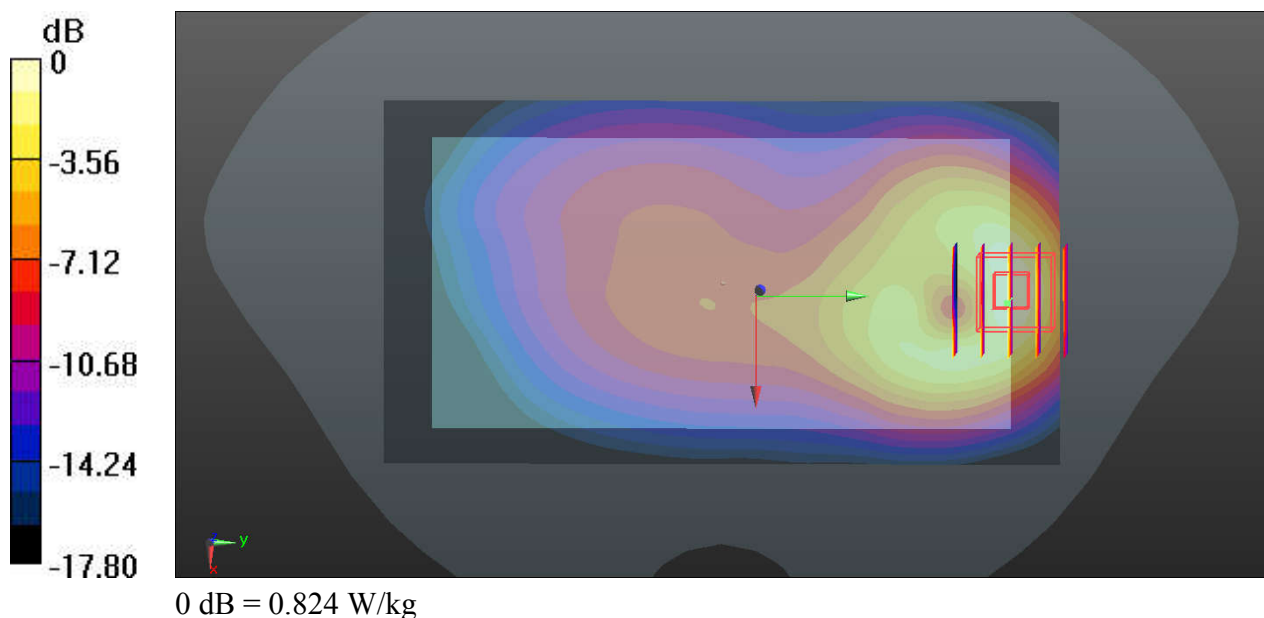
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.623 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.320 W/kg

Maximum value of SAR (measured) = 0.824 W/kg



28_WCDMA IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1513

Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium: MSL_1750_180801 Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.531$ S/m; $\epsilon_r = 52.028$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8.61, 8.61, 8.61); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.51 W/kg

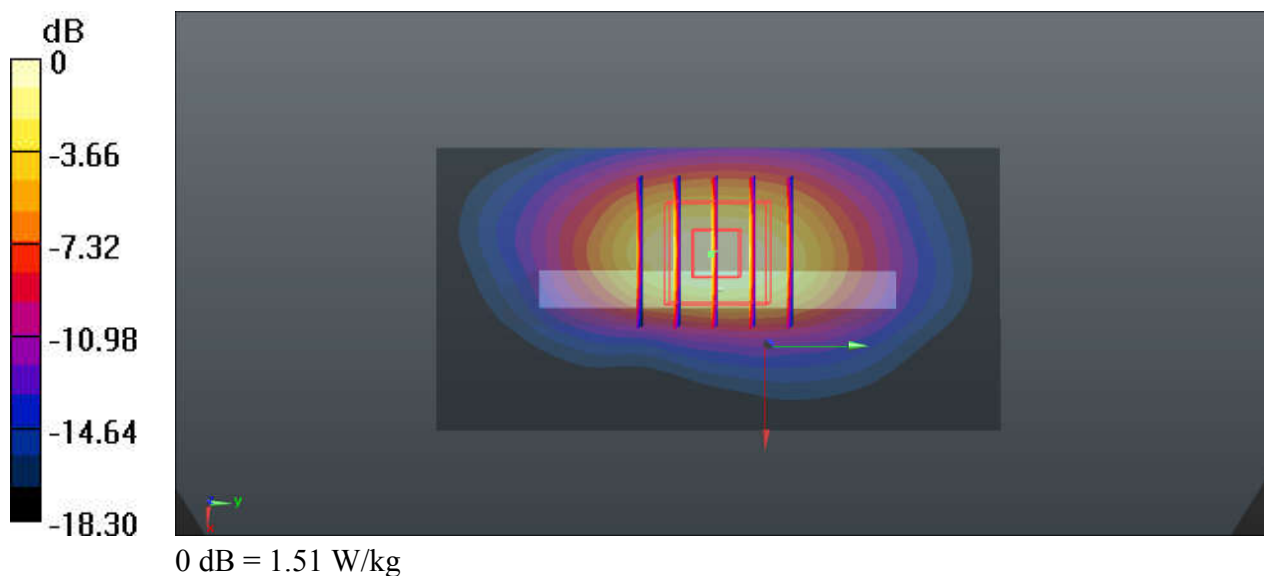
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.975 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.534 W/kg

Maximum value of SAR (measured) = 1.38 W/kg



29_WCDMA II_RMC 12.2Kbps_Bottom Side_10mm_Ch9538

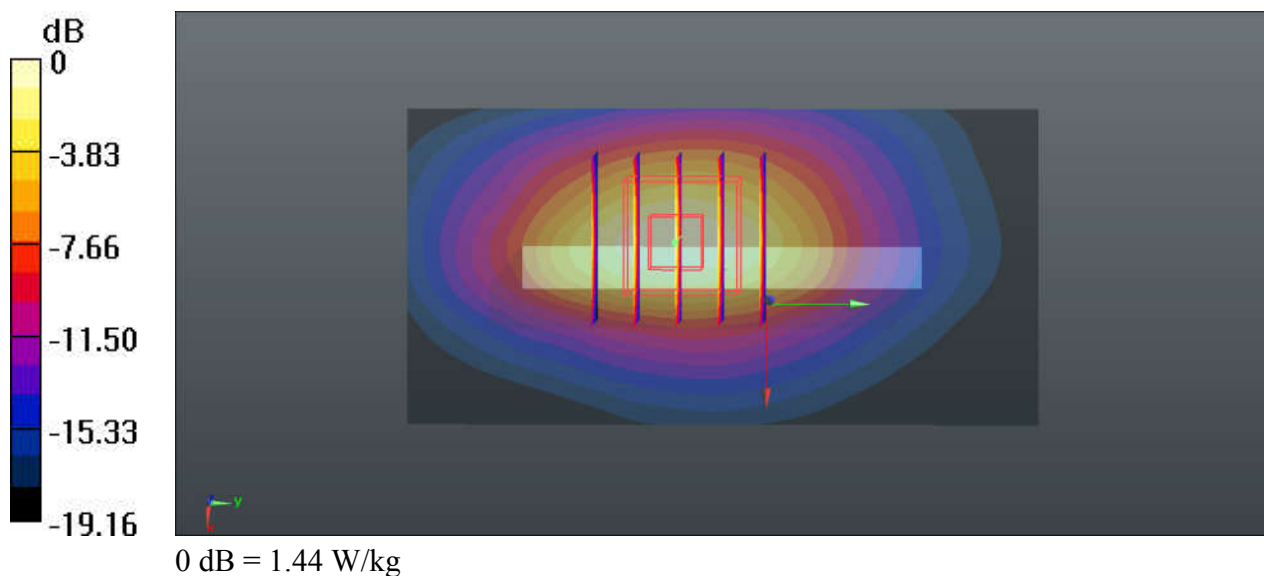
Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: MSL_1900_180731 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.538$ S/m; $\epsilon_r = 54.657$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8.27, 8.27, 8.27); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.53 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.034 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.527 W/kg
Maximum value of SAR (measured) = 1.44 W/kg



30_CDMA2000 BC0_RTAP 153.6Kbps_Back_10mm_Ch777

Communication System: UID 0, CDMA2000 (0); Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium: MSL_835_180730 Medium parameters used: $f = 848.31$ MHz; $\sigma = 1.026$ S/m; $\epsilon_r = 56.116$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch777/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.793 W/kg

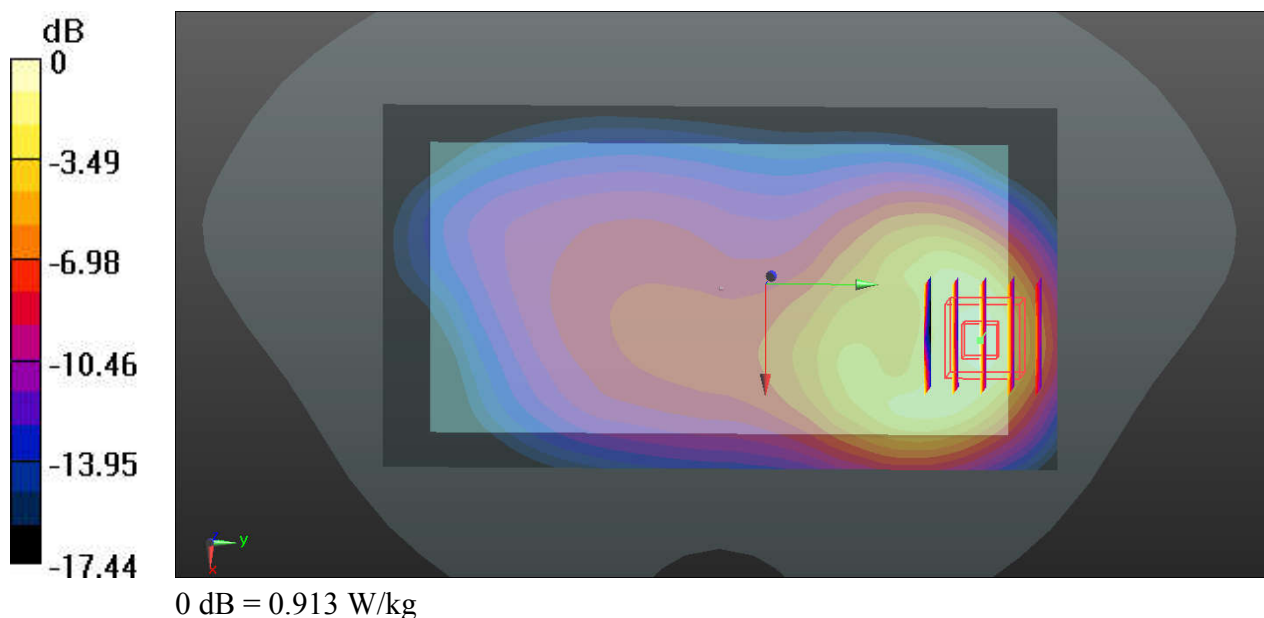
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.505 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.355 W/kg

Maximum value of SAR (measured) = 0.913 W/kg



31_CDMA2000 BC1_RTAP 153.6Kbps_Top Side_10mm_Ch25

Communication System: UID 0, CDMA2000 (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_180731 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.471$ S/m; $\epsilon_r = 54.769$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8.27, 8.27, 8.27); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch25/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.16 W/kg

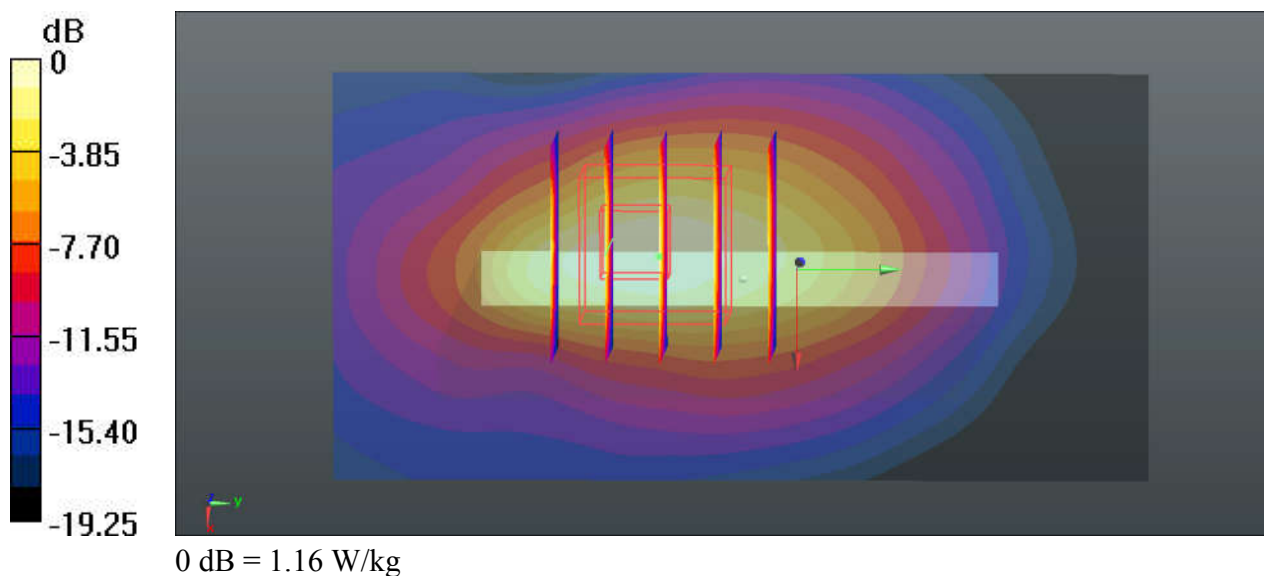
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.947 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.431 W/kg

Maximum value of SAR (measured) = 1.21 W/kg



32_LTE Band 71_20M_QPSK_1RB_0Offset_Back_10mm_Ch133322

Communication System: UID 0, LTE (0); Frequency: 683 MHz; Duty Cycle: 1:1

Medium: MSL_750_180731 Medium parameters used: $f = 683$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 56.05$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.7, 9.7, 9.7); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch133322/Area Scan (71x131x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.614 W/kg

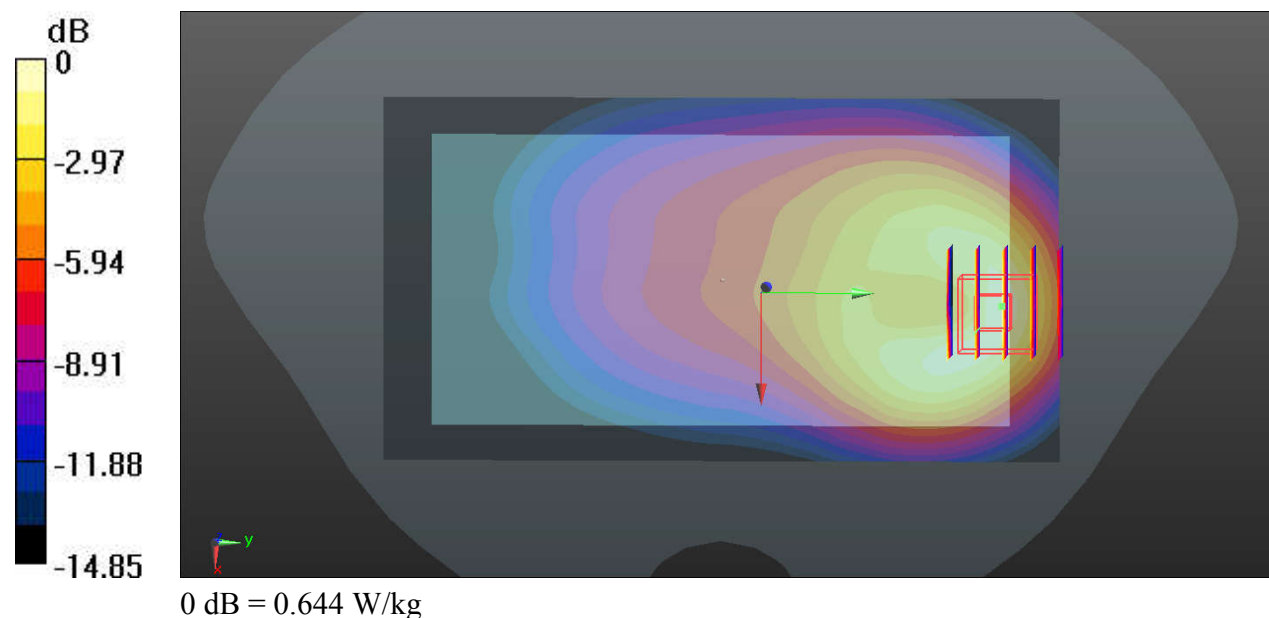
Ch133322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.648 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.280 W/kg

Maximum value of SAR (measured) = 0.644 W/kg



33_LTE Band 12_10M_QPSK_1RB_0Offset_Back_10mm_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL_750_180731 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.941$ S/m; $\epsilon_r = 55.606$;
 $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.7, 9.7, 9.7); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23095/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.672 W/kg

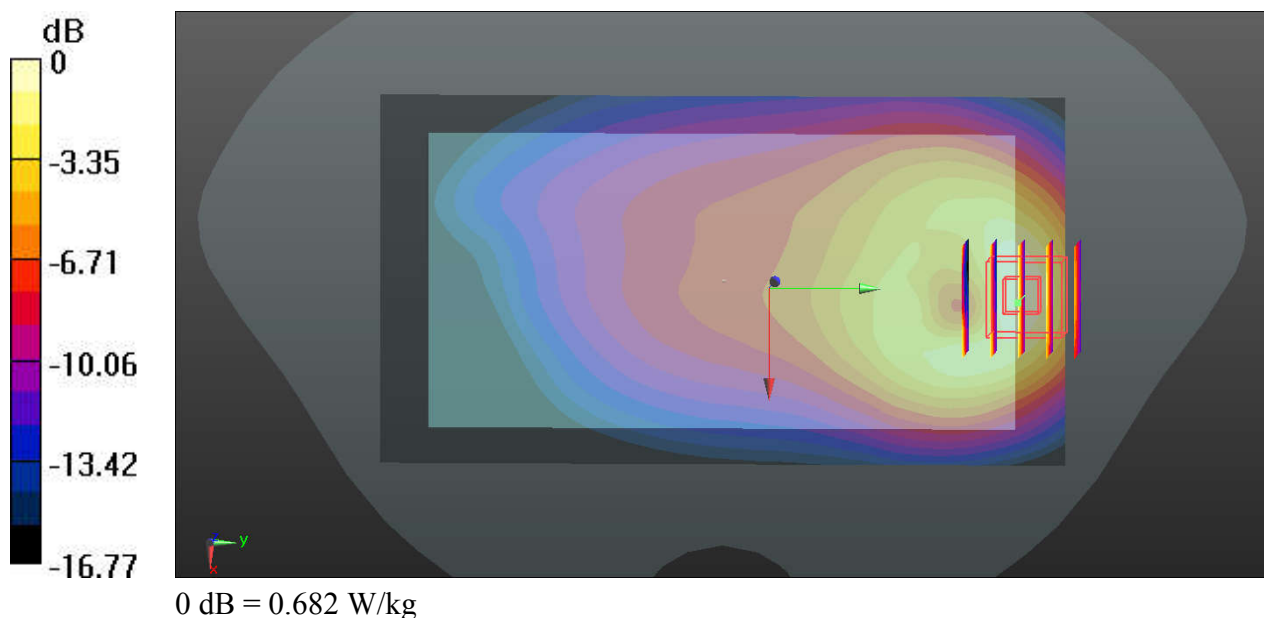
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.682 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.884 W/kg

SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.270 W/kg

Maximum value of SAR (measured) = 0.682 W/kg



34_LTE Band 13_10M_QPSK_1RB_49Offset_Back_10mm_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_180731 Medium parameters used: $f = 782$ MHz; $\sigma = 0.996$ S/m; $\epsilon_r = 53.964$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.7, 9.7, 9.7); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23230/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.655 W/kg

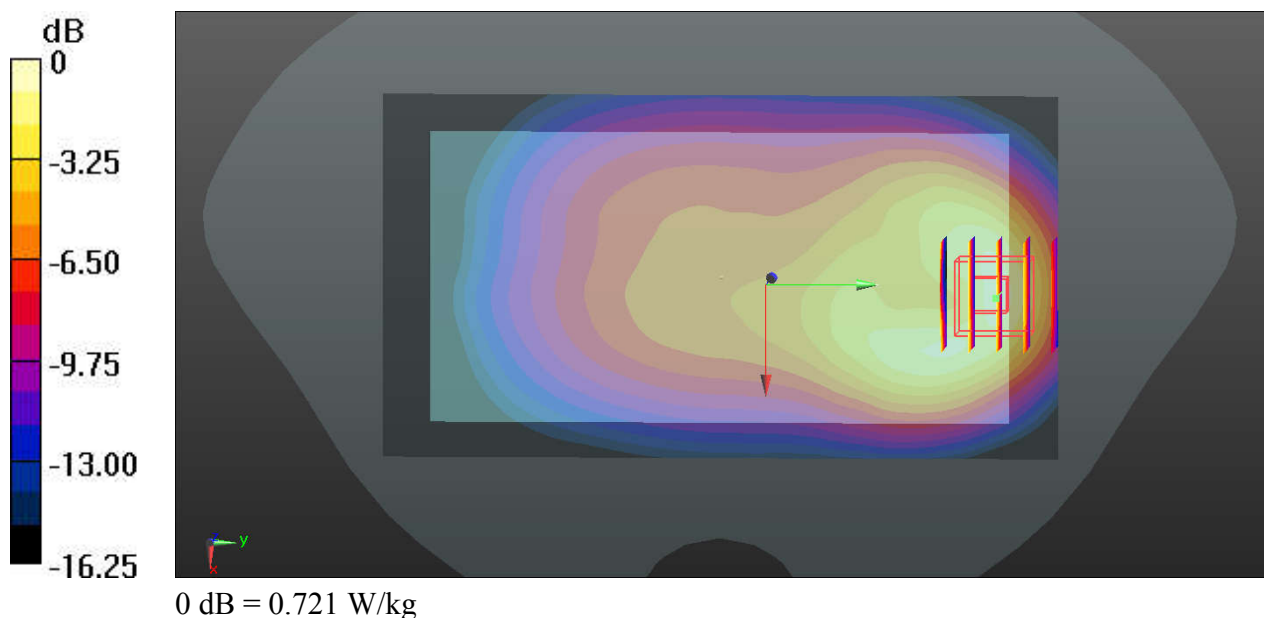
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.430 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.971 W/kg

SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.298 W/kg

Maximum value of SAR (measured) = 0.721 W/kg



35_LTE Band 5_10M_QPSK_1RB_0Offset_Back_10mm_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: MSL_835_180730 Medium parameters used: $f = 836.5$ MHz; $\sigma = 1.013$ S/m; $\epsilon_r = 56.227$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.386 W/kg

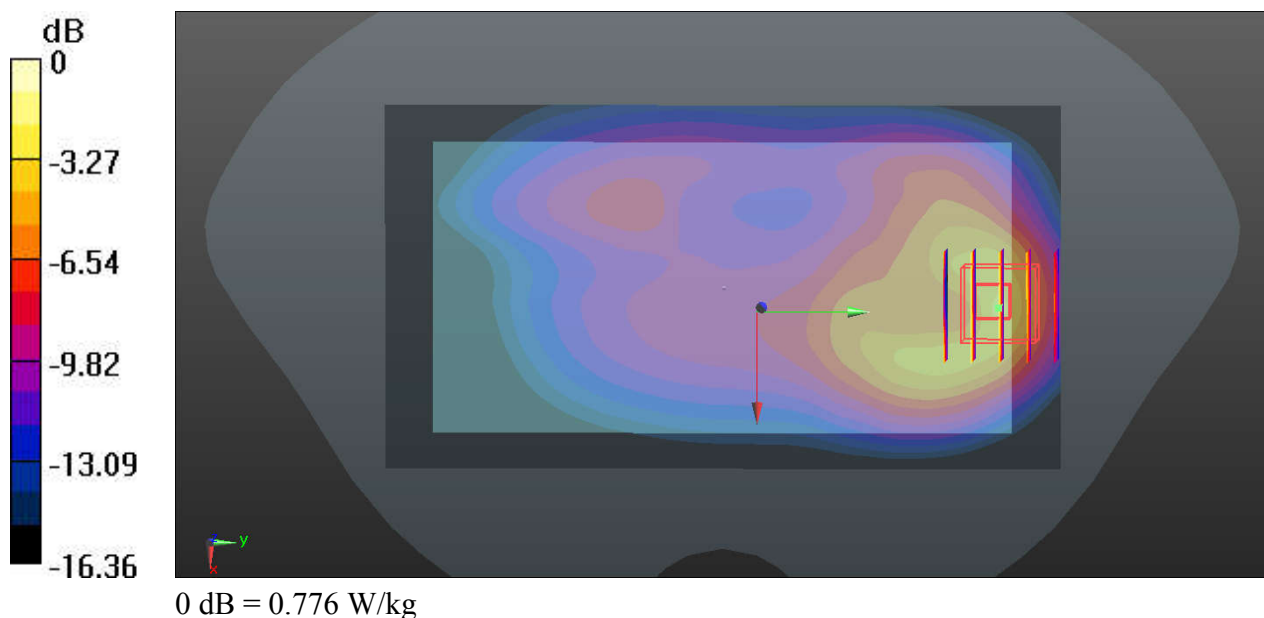
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.528 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.320 W/kg

Maximum value of SAR (measured) = 0.776 W/kg



36_LTE Band 26_15M_QPSK_1RB_0Offset_Back_10mm_Ch26765

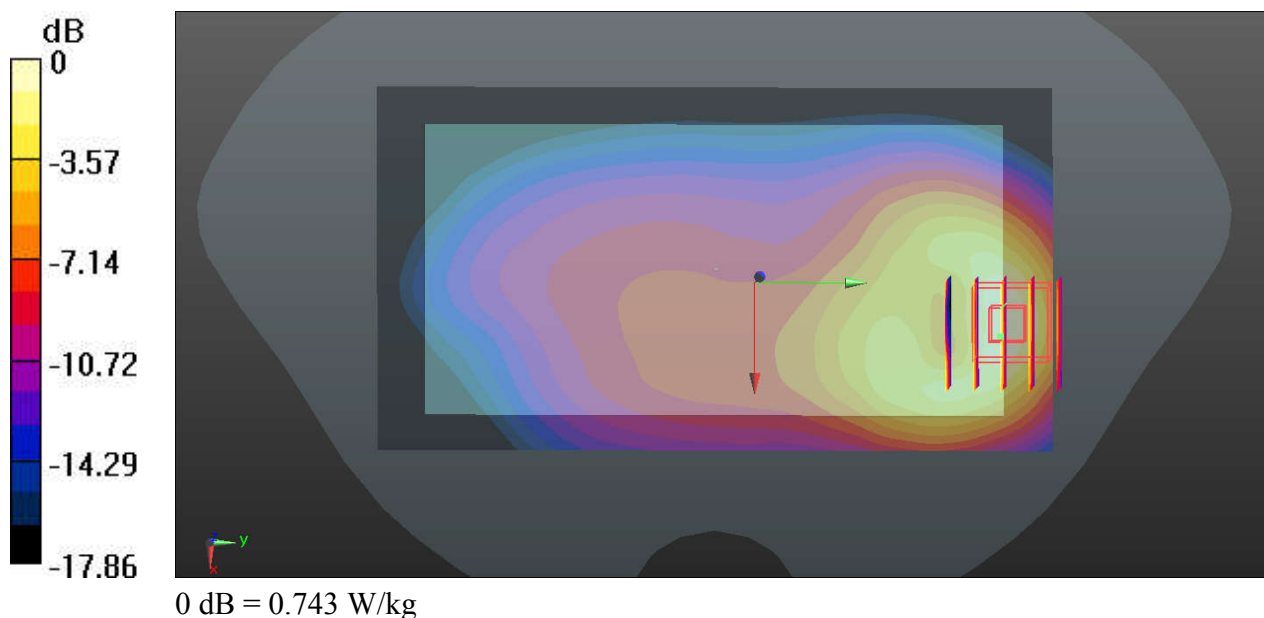
Communication System: UID 0, LTE (0); Frequency: 821.5 MHz; Duty Cycle: 1:1
Medium: MSL_835_180730 Medium parameters used: $f = 821.5$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.396$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26765/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.715 W/kg

Ch26765/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.026 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.955 W/kg
SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.285 W/kg
Maximum value of SAR (measured) = 0.743 W/kg



37_LTE Band 66_20M_QPSK_50RB_0Offset_Bottom Side_10mm_Ch132322

Communication System: UID 0, LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_180801 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.522$ S/m; $\epsilon_r = 52.055$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8.61, 8.61, 8.61); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.41 W/kg

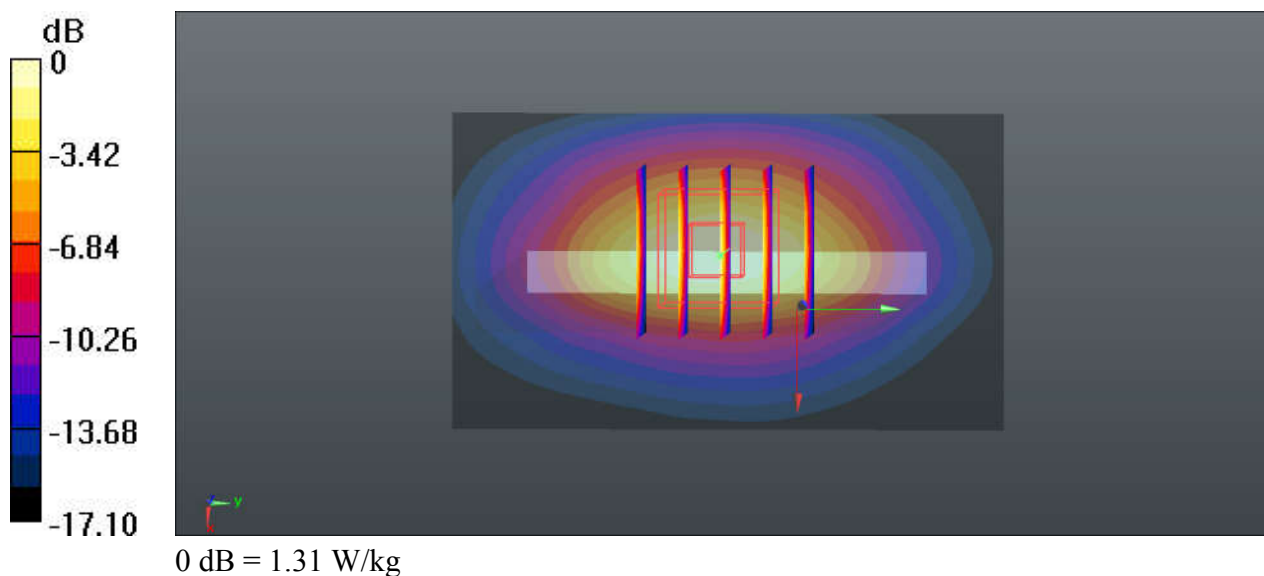
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.926 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.510 W/kg

Maximum value of SAR (measured) = 1.31 W/kg



38_LTE Band 25_20M_QPSK_100RB_0Offset_Bottom Side_10mm_Ch26590

Communication System: UID 0, LTE (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL_1900_180731 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 54.663$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8.27, 8.27, 8.27); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26590/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.56 W/kg

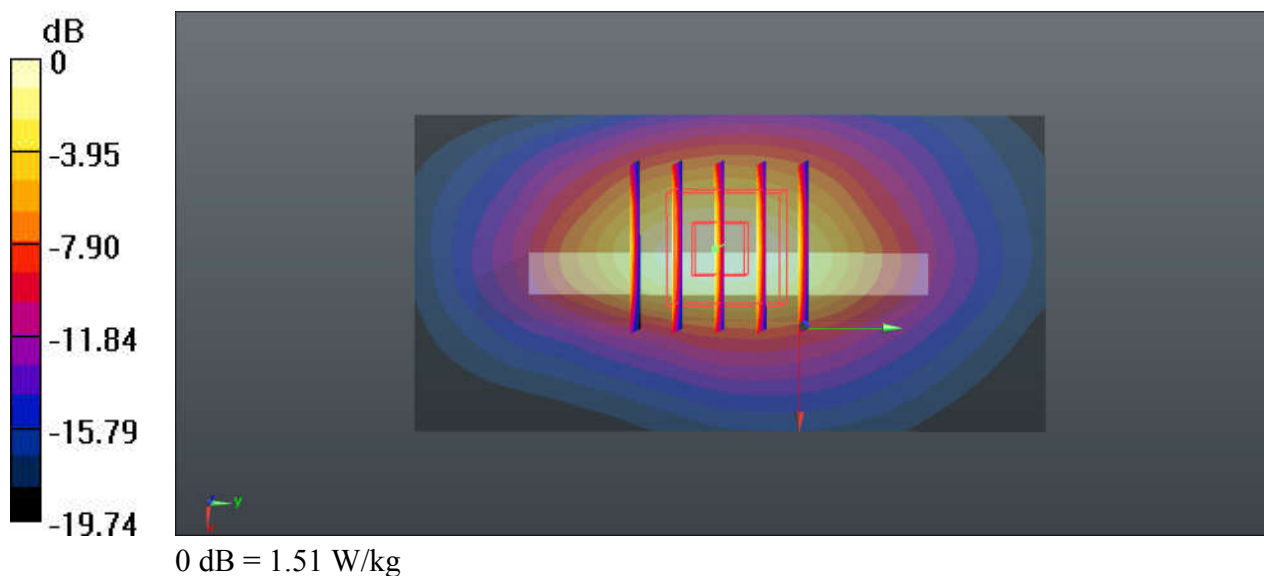
Ch26590/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.327 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.558 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



39_LTE Band 2_20M_QPSK_100RB_0Offset_Bottom Side_10mm_Ch19100

Communication System: UID 0, LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL_1900_180731 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.531$ S/m; $\epsilon_r = 54.671$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8.27, 8.27, 8.27); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.71 W/kg

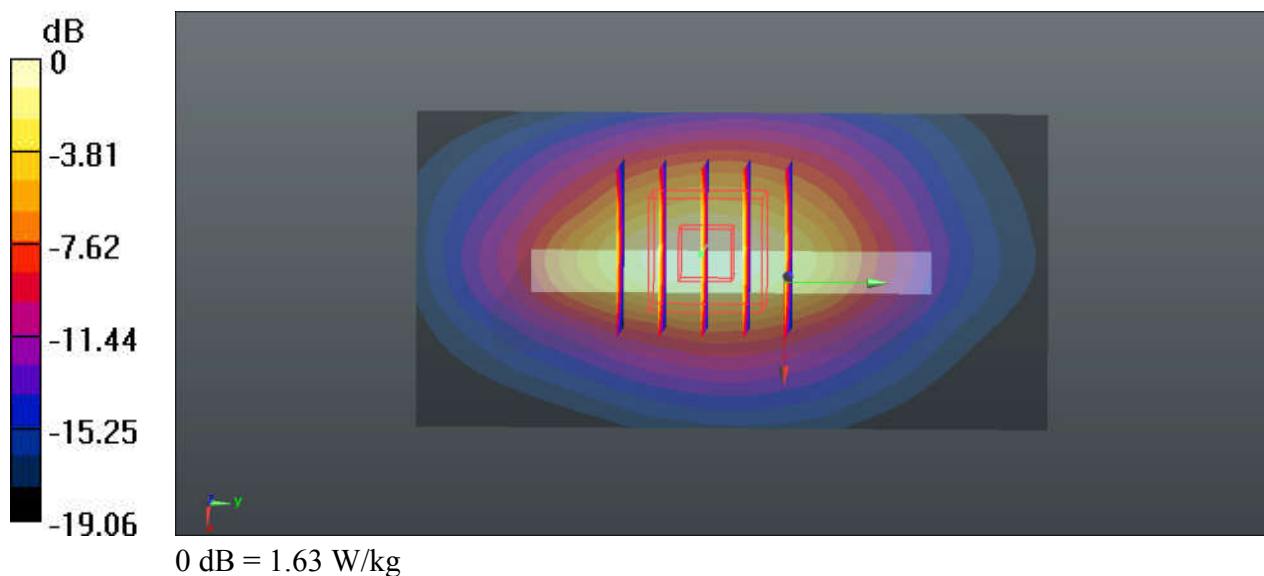
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.333 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.606 W/kg

Maximum value of SAR (measured) = 1.63 W/kg



40_LTE Band 30_10M_QPSK_1RB_0Offset_Back_10mm_Ch27710

Communication System: UID 0, LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: MSL_2300_180802 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.773$ S/m; $\epsilon_r = 53.718$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8.14, 8.14, 8.14); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch27710/Area Scan (91x161x1): Interpolated grid: dx=12mm, dy=12mm

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

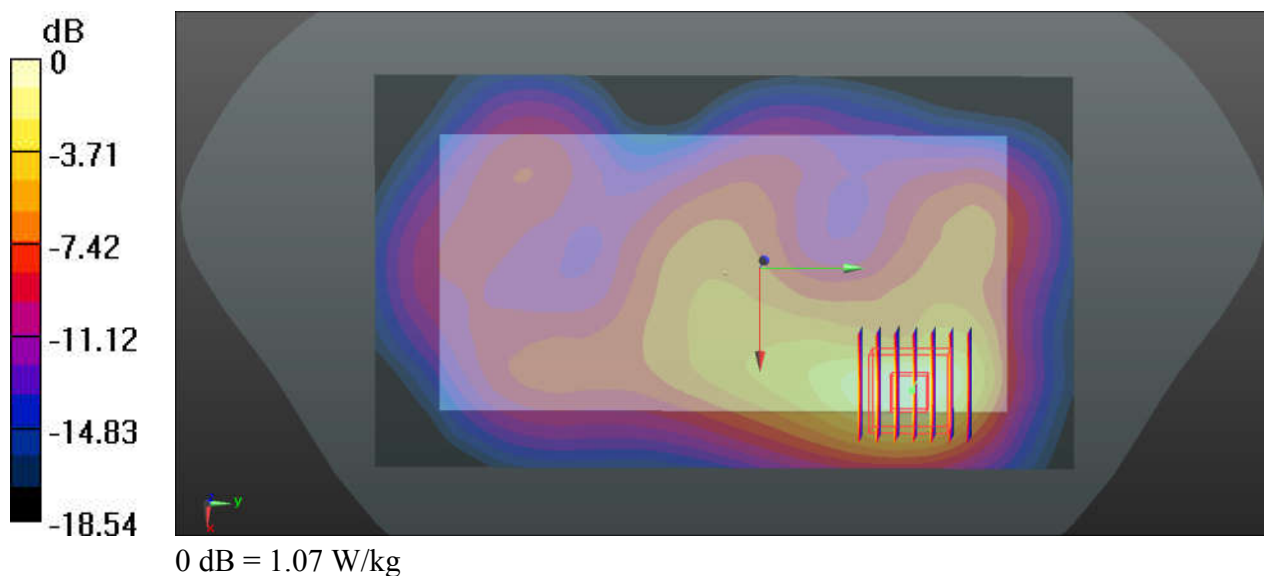
Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.22 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.387 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



41_LTE Band 7_20M_QPSK_1RB_0Offset_Left Side_10mm_Ch21100

Communication System: UID 0, LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_180802 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.11$ S/m; $\epsilon_r = 51.275$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(7.84, 7.84, 7.84); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (41x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.27 W/kg

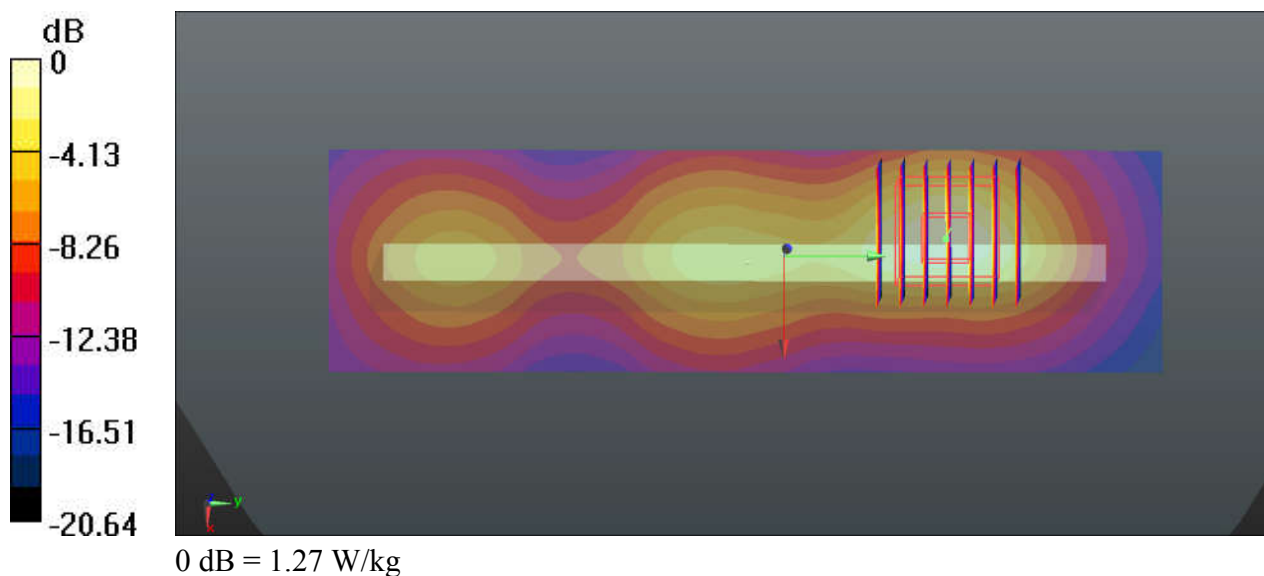
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.19 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.840 W/kg; SAR(10 g) = 0.397 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



42_LTE Band 41_20M_QPSK_1RB_0Offset_Left Side_10mm_Ch40620

Communication System: UID 0, LTE (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59

Medium: MSL_2600_180802 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.182$ S/m; $\epsilon_r = 50.751$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(7.84, 7.84, 7.84); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40620/Area Scan (51x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.840 W/kg

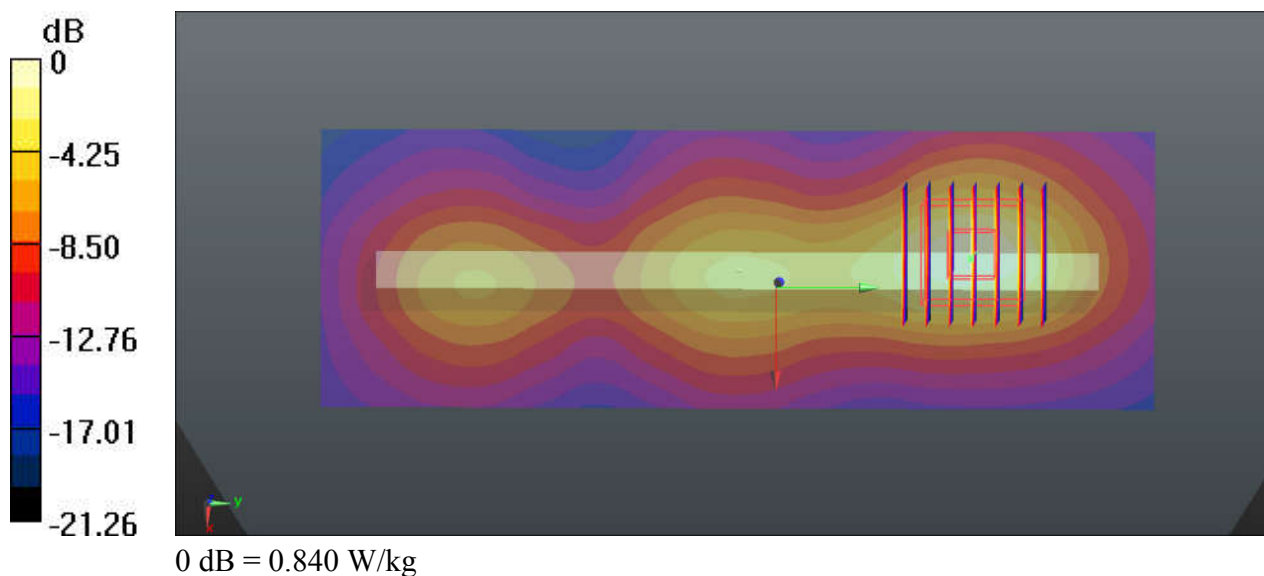
Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.84 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.819 W/kg



43_WLAN2.4GHz_802.11b 1Mbps_Right Side_10mm_Ch6

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1.007
Medium: MSL_2450_180819 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 51.645$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8, 8, 8); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (41x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.359 W/kg

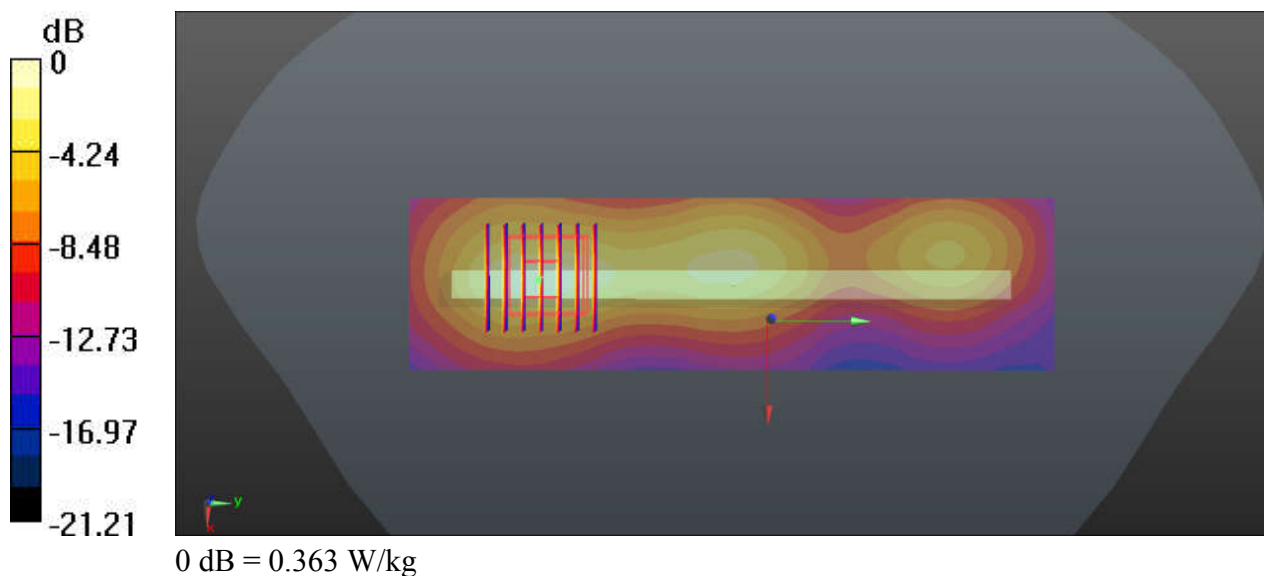
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.04 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.446 W/kg

SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.363 W/kg



44_WLAN2.4GHz_802.11b 1Mbps_Left Side_10mm_Ch6

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1.007
Medium: MSL_2450_180819 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 51.645$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8, 8, 8); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (41x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.290 W/kg

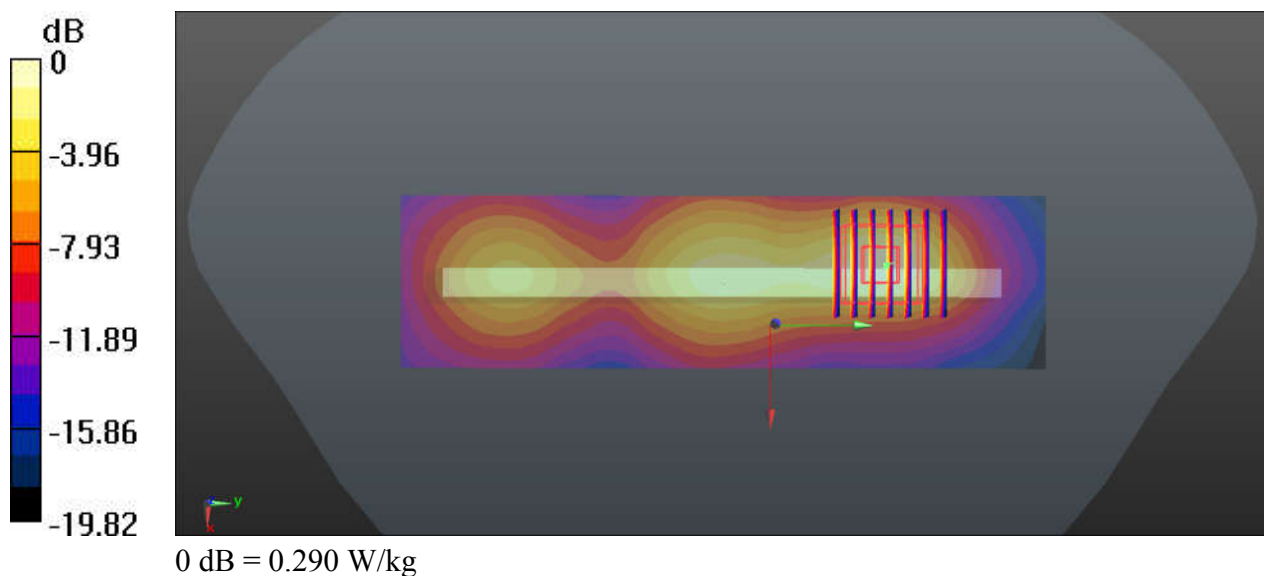
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.06 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.285 W/kg



45_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch46

Communication System: UID 0, WIFI (0); Frequency: 5230 MHz; Duty Cycle: 1:1.037

Medium: MSL_5250_180821 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.319$ S/m; $\epsilon_r = 48.155$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(5.2, 5.2, 5.2); Calibrated: 2018.01.11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch46/Area Scan (111x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.60 W/kg

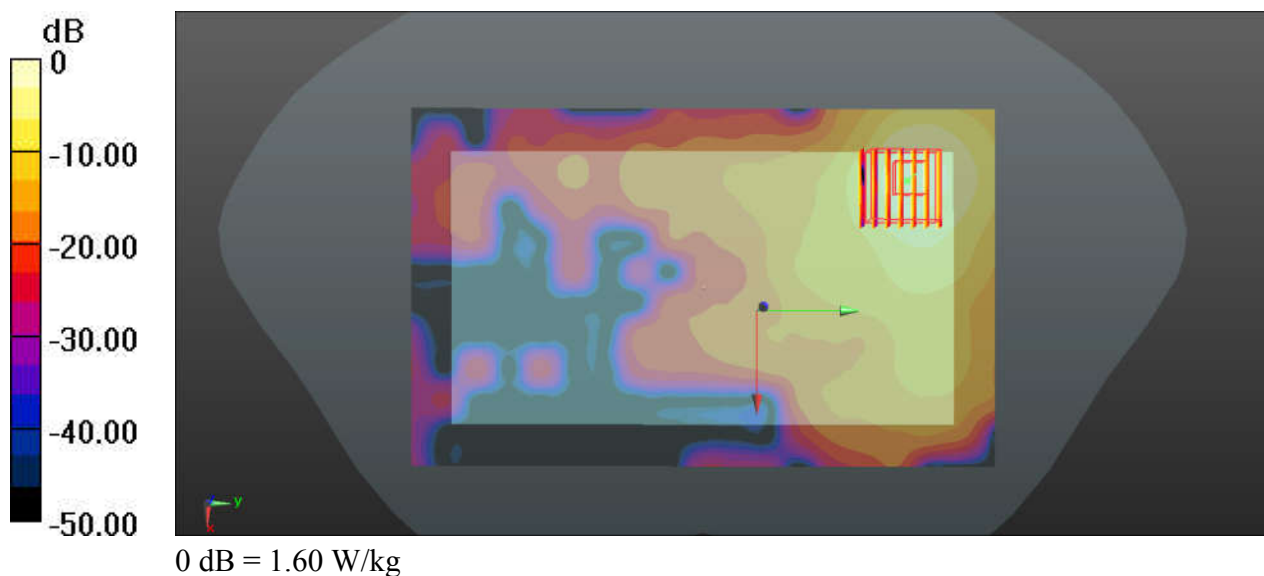
Ch46/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.07600 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.44 W/kg

SAR(1 g) = 0.641 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 1.53 W/kg



46_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch151

Communication System: UID 0, WIFI (0); Frequency: 5755 MHz; Duty Cycle: 1:1.037
Medium: MSL_5750_180821 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.011$ S/m; $\epsilon_r = 48.505$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.4, 4.4, 4.4); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch151/Area Scan (101x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.63 W/kg

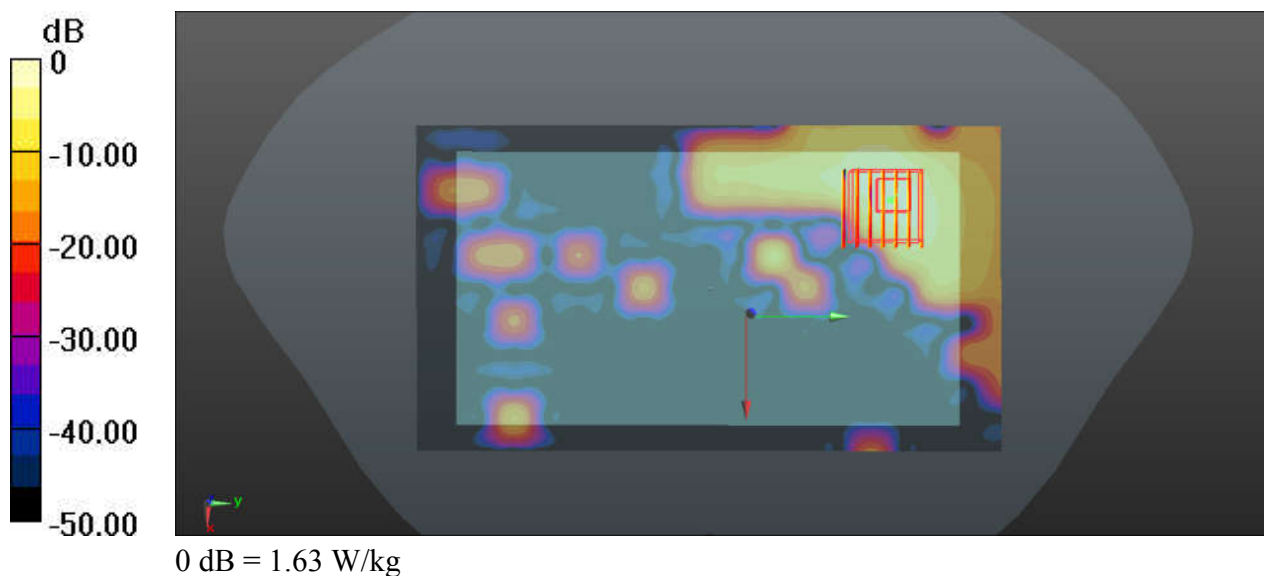
Ch151/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.091 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.55 W/kg

SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



47_Bluetooth_DH5 1Mbps_Right Side_10mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.301
Medium: MSL_2450_180819 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.967$ S/m; $\epsilon_r = 51.626$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8, 8, 8); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39/Area Scan (41x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.101 W/kg

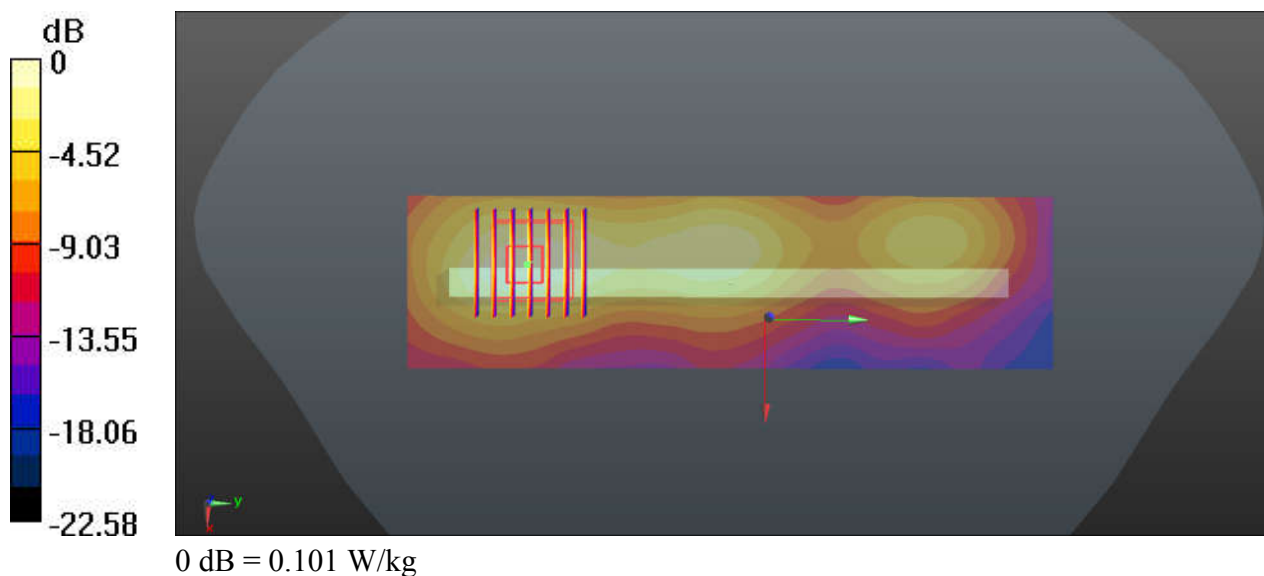
Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.989 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.117 W/kg



48_GSM850_GPRS(3 Tx slots)_Back_15mm_Ch189

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.77
Medium: MSL_835_180730 Medium parameters used: $f = 836.4$ MHz; $\sigma = 1.013$ S/m; $\epsilon_r = 56.228$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch189/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.314 W/kg

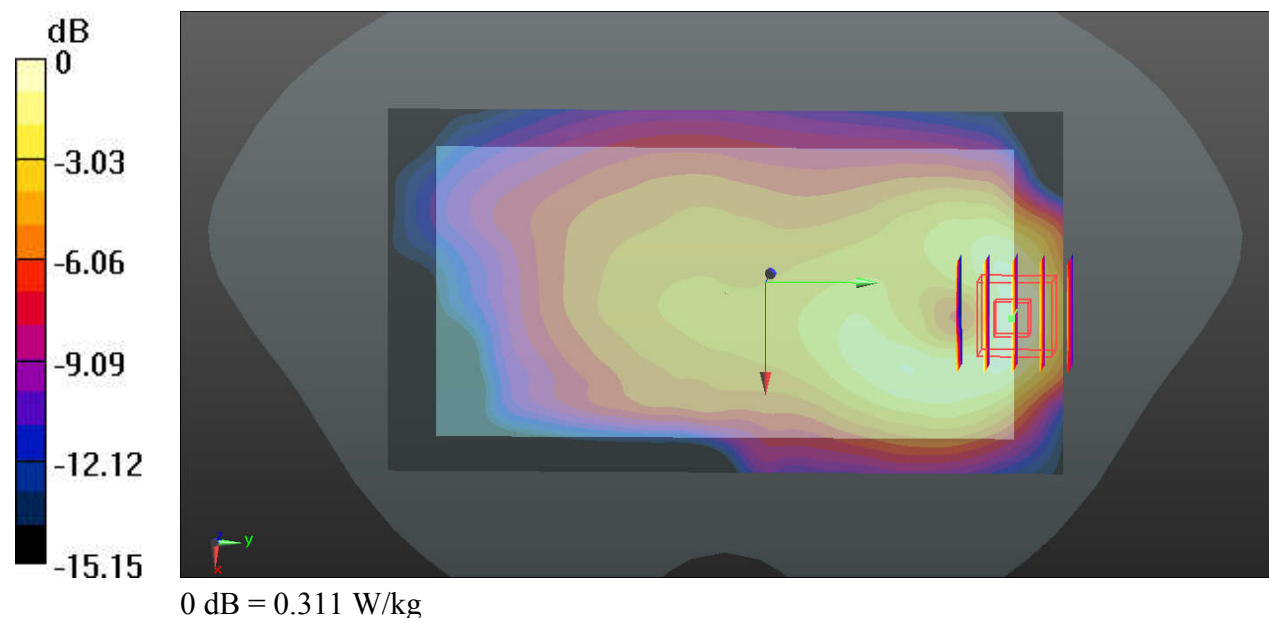
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.711 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.311 W/kg



49_GSM1900_GPRS(4 Tx slots)_Back_15mm_Ch810

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.77
Medium: MSL_1900_180731 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.54$ S/m; $\epsilon_r = 54.651$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8.27, 8.27, 8.27); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch810/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.453 W/kg

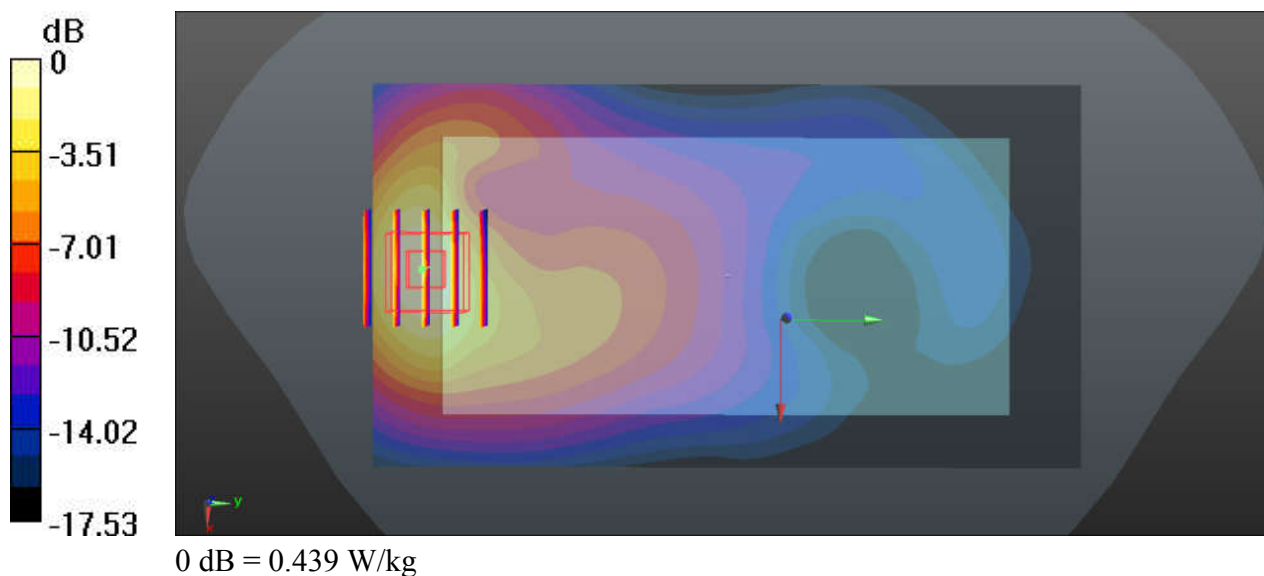
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.173 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.523 W/kg

SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.190 W/kg

Maximum value of SAR (measured) = 0.439 W/kg



50_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4233

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_835_180730 Medium parameters used: $f = 846.6$ MHz; $\sigma = 1.024$ S/m; $\epsilon_r = 56.127$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.359 W/kg

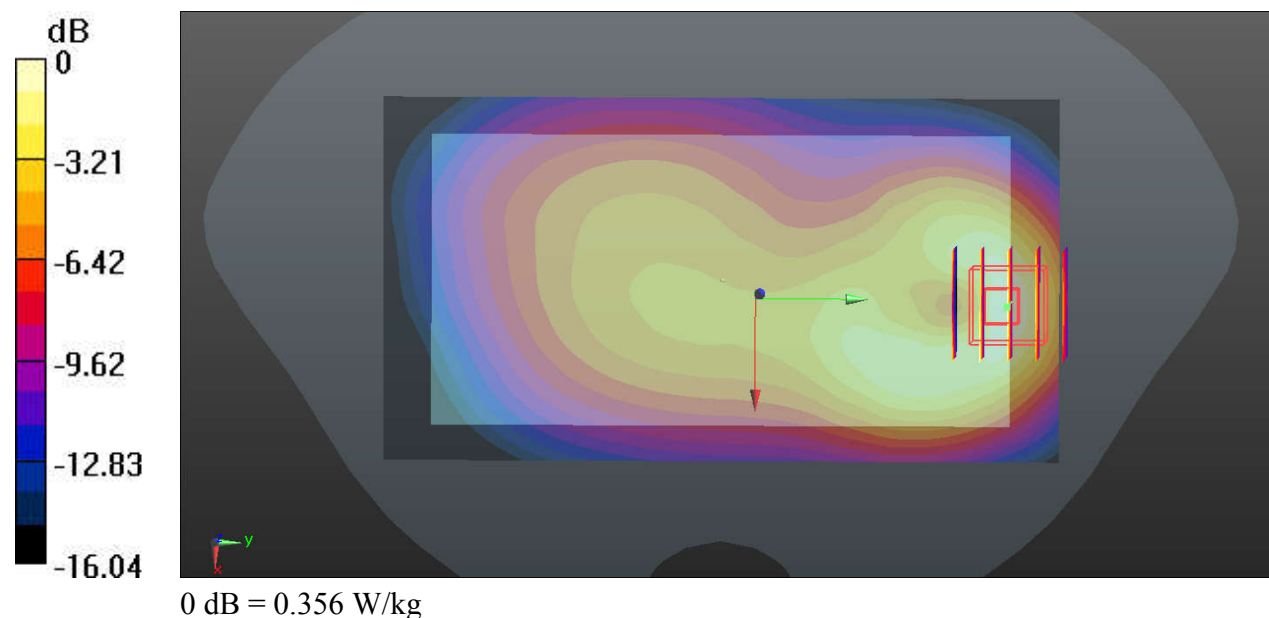
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.102 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.460 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.356 W/kg



51_WCDMA IV_RMC 12.2Kbps_Back_15mm_Ch1312

Communication System: UID 0, UMTS (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1
Medium: MSL_1750_180801 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.486$ S/m; $\epsilon_r = 52.199$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8.61, 8.61, 8.61); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1312/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.28 W/kg

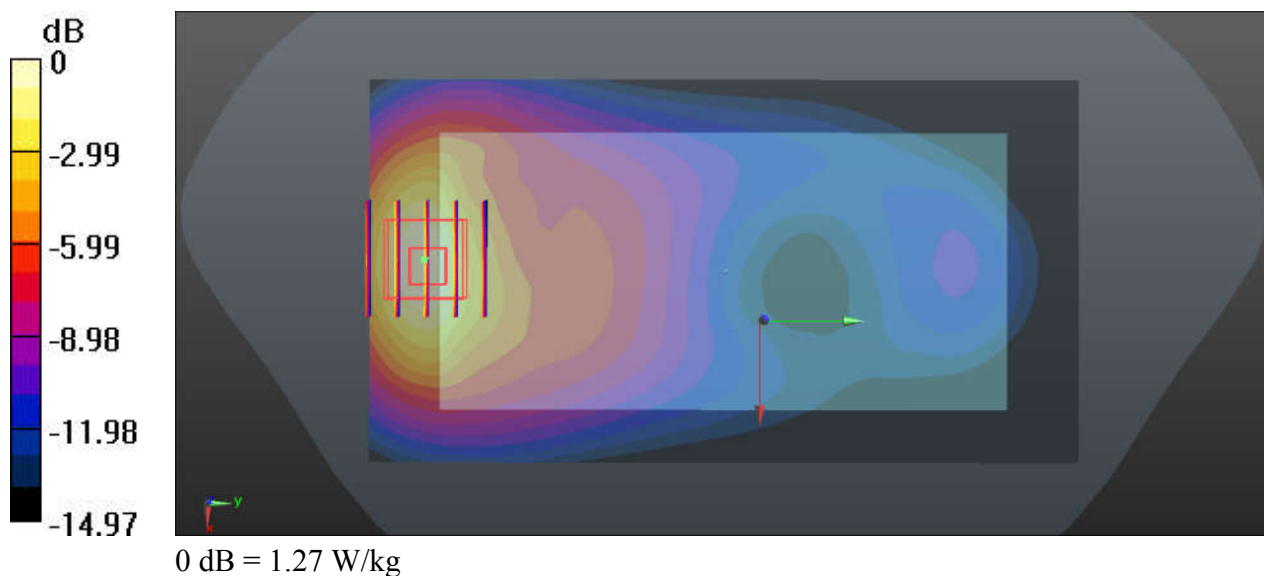
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.742 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.988 W/kg; SAR(10 g) = 0.581 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



52_WCDMA II_RMC 12.2Kbps_Back_15mm_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: MSL_1900_180731 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.473$ S/m; $\epsilon_r = 54.765$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8.27, 8.27, 8.27); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9262/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.45 W/kg

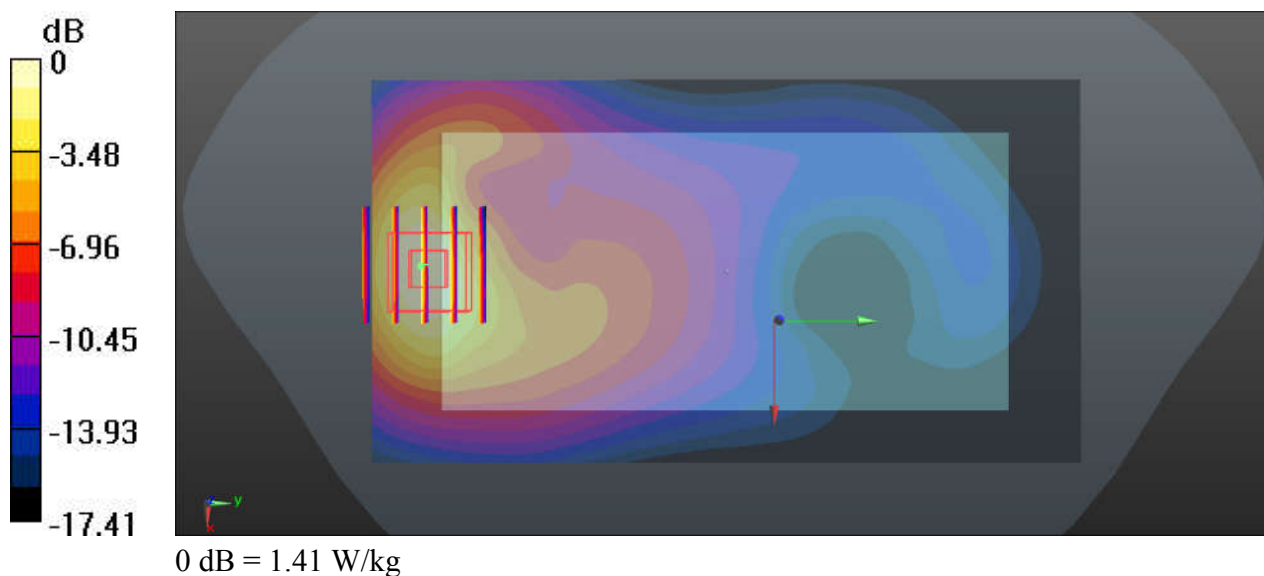
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.846 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.606 W/kg

Maximum value of SAR (measured) = 1.41 W/kg



53_CDMA2000 BC0_RC3 SO32 (F+SCH)_Back_15mm_Ch1013

Communication System: UID 0, CDMA2000 (0); Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium: MSL_835_180730 Medium parameters used: $f = 824.7$ MHz; $\sigma = 1.001$ S/m; $\epsilon_r = 56.355$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1013/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.252 W/kg

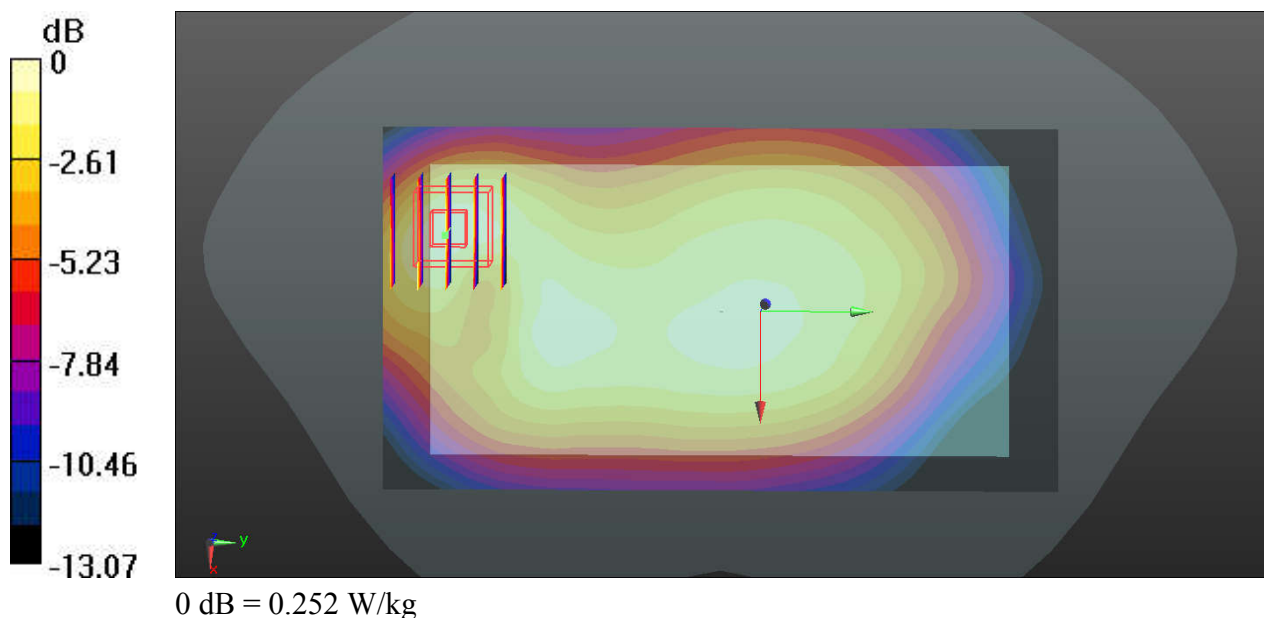
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.431 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (measured) = 0.243 W/kg



54_CDMA2000 BC1_RC3 SO32 (F+SCH)_Back_15mm_Ch1175

Communication System: UID 0, CDMA2000 (0); Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_180731 Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.539$ S/m; $\epsilon_r = 54.655$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8.27, 8.27, 8.27); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1175/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.15 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.952 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.502 W/kg

Maximum value of SAR (measured) = 1.16 W/kg

