



REPORT No.: SZ20070414S01

Annex D Plots of Maximum SAR Test Results

GSM850_GPRS(4 TX slots)_Left Cheek_Ch189_Top Ant.

Communication System: UID 0, GSM850(class 12) (0); Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: HSL_835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 42.978$; $\rho = 1000$ kg/m³

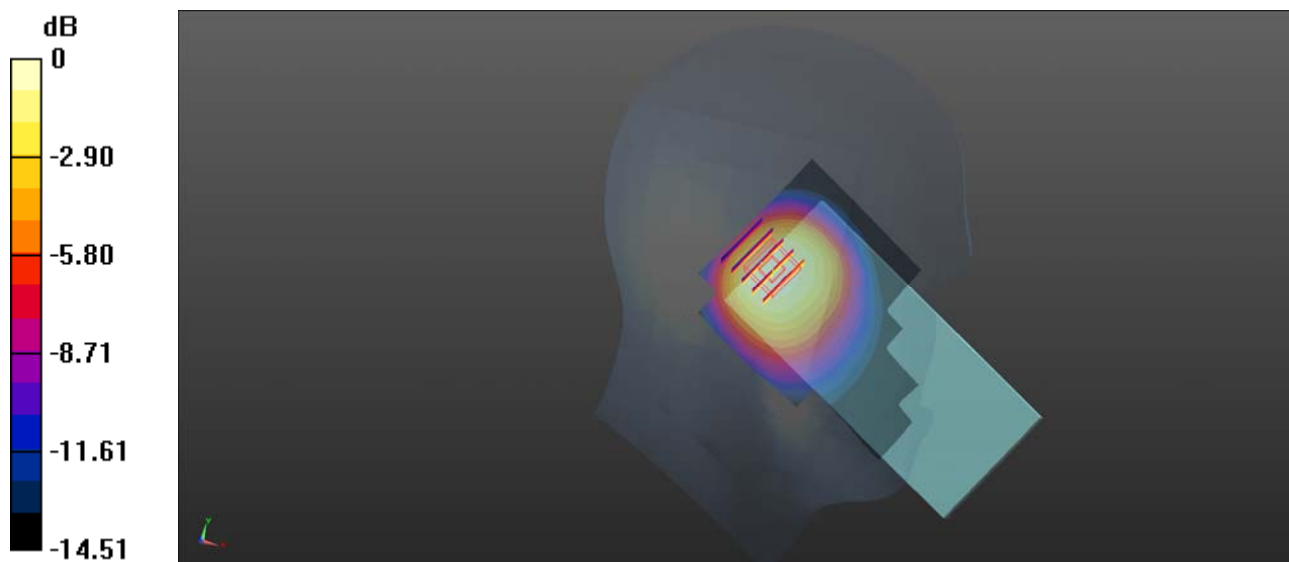
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch189/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.396 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.42 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.572 W/kg
SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.236 W/kg
Maximum value of SAR (measured) = 0.372 W/kg



0 dB = 0.396 W/kg

GSM1900_GPRS(2 TX slots)_Right Tilt_Ch512_Top Ant.

Communication System: UID 0, PCS1900(Class 10) (0); Frequency: 1850.2 MHz;Duty Cycle: 1:4.15
Medium: HSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.293$ S/m; $\epsilon_r = 39.706$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (71x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.605 W/kg

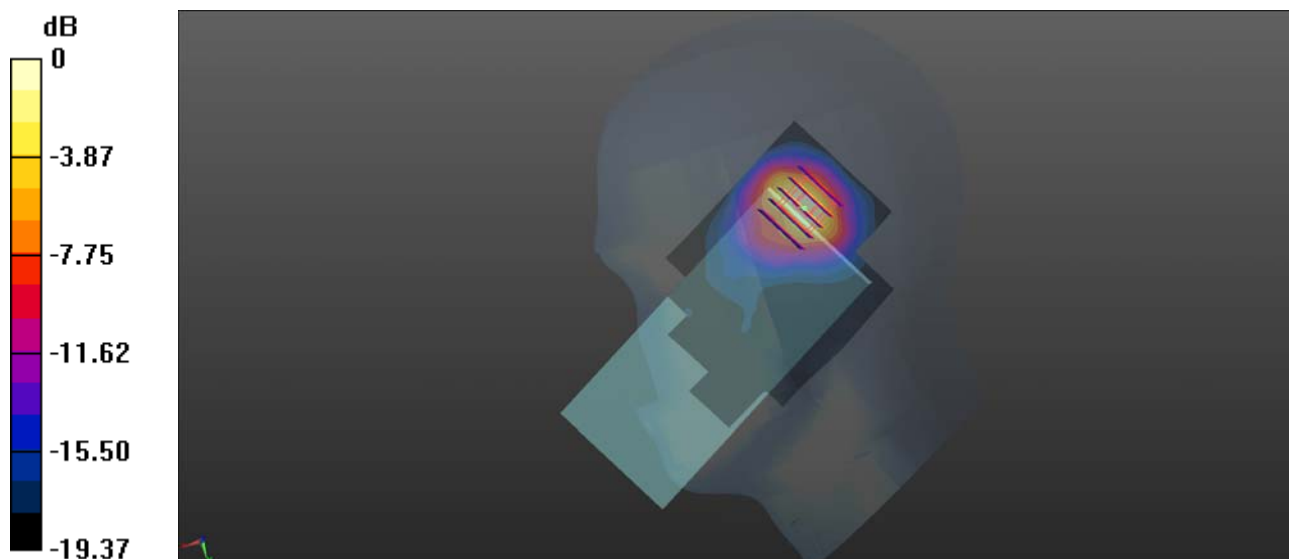
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.89 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.550 W/kg



0 dB = 0.605 W/kg

WCDMA Band II_RMC 12.2Kbps_Right Tilt_Ch9400_Top Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.321$ S/m; $\epsilon_r = 39.882$; $\rho = 1000$ kg/m³

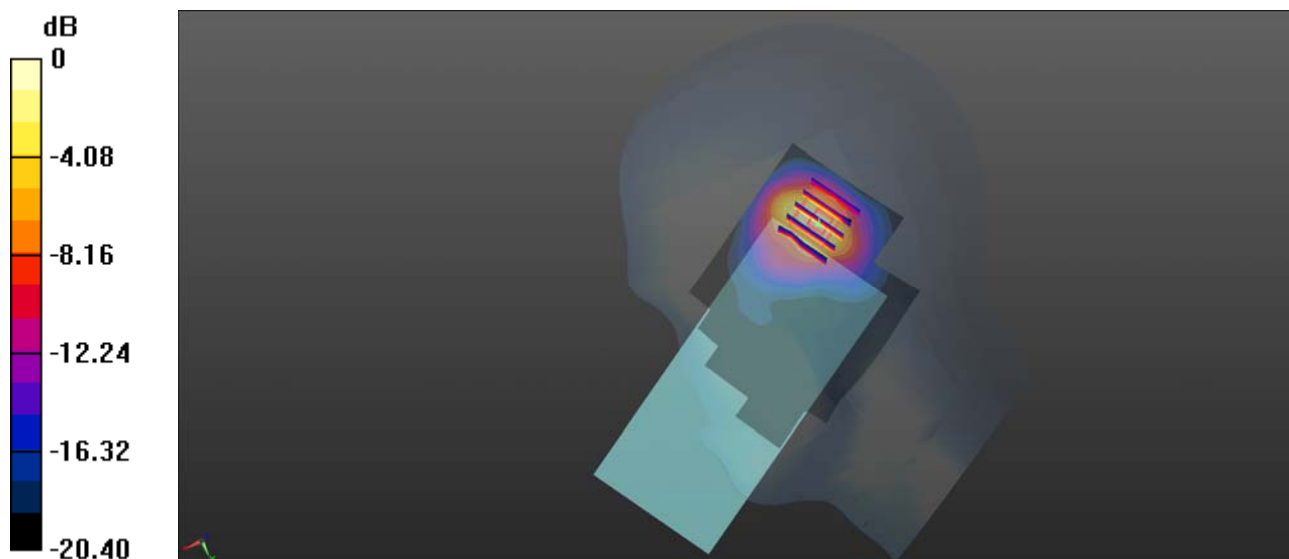
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.820 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.13 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.287 W/kg
Maximum value of SAR (measured) = 0.790 W/kg



0 dB = 0.820 W/kg

WCDMA Band IV_RMC 12.2Kbps_Right Tilt_Ch1513_Top Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 41.122$; $\rho = 1000$ kg/m³

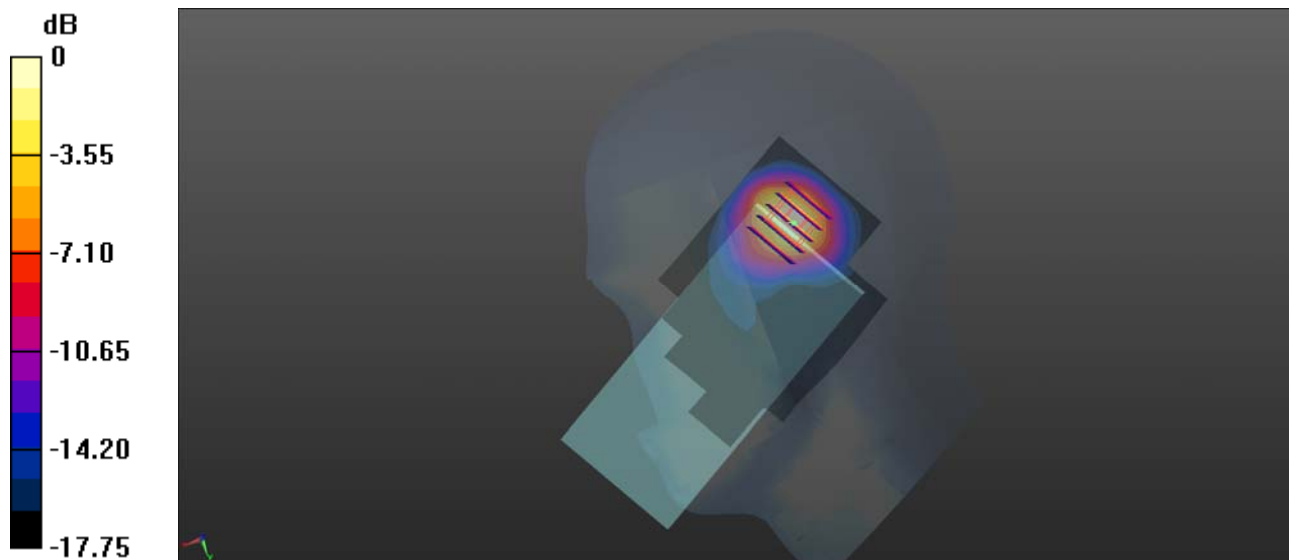
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.529 W/kg

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.850 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.931 W/kg
SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.187 W/kg
Maximum value of SAR (measured) = 0.469 W/kg



0 dB = 0.529 W/kg

WCDMA Band V_RMC 12.2Kbps_Left Cheek_Ch4233_Top Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 847$ MHz; $\sigma = 0.959$ S/m; $\epsilon_r = 43.168$; $\rho = 1000$ kg/m³

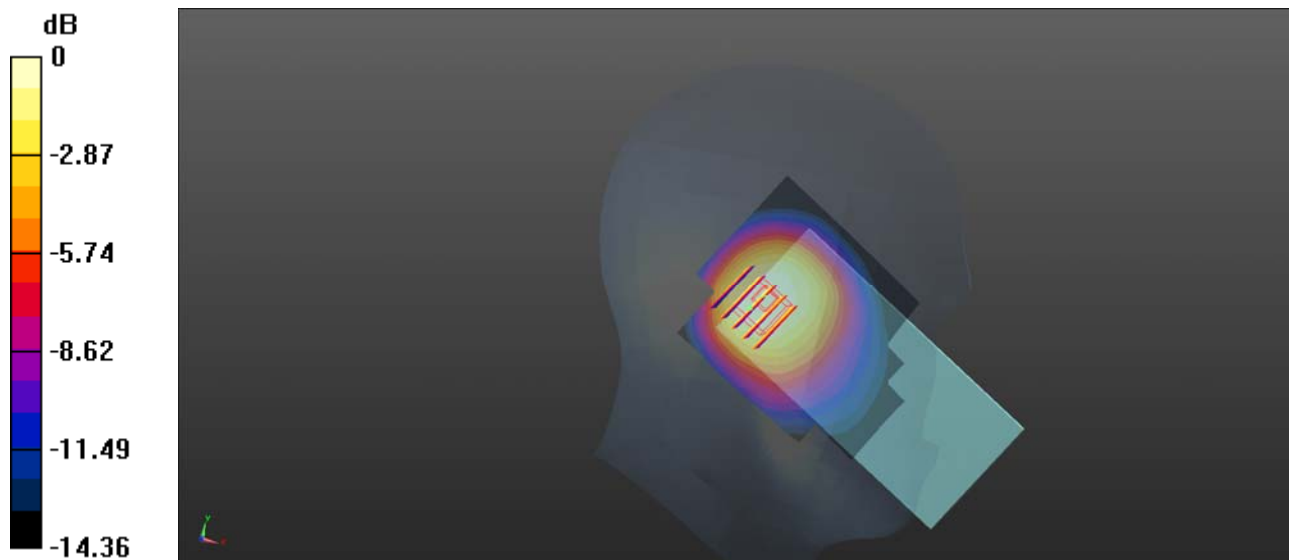
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.718 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.90 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.432 W/kg
SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.502 W/kg
Maximum value of SAR (measured) = 0.722 W/kg



0 dB = 0.318 W/kg

LTE Band 2_20MHz_QPSK_1RB_49Offset_Right Tilt_Ch18700_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.308$ S/m; $\epsilon_r = 39.824$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18700/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.833 W/kg

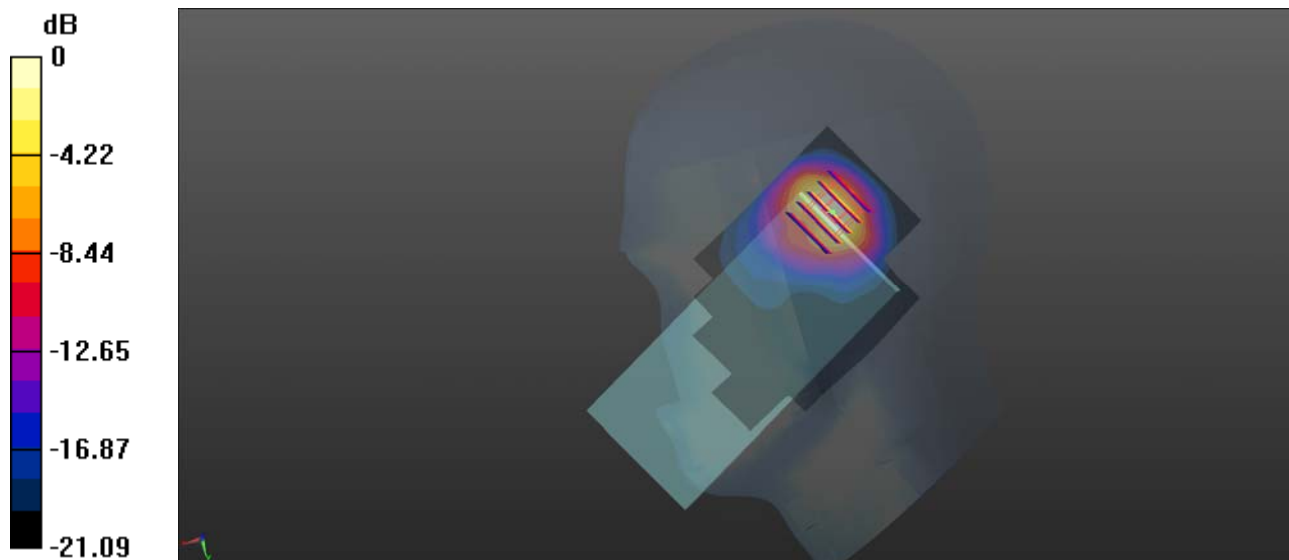
Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.00 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.289 W/kg

Maximum value of SAR (measured) = 0.812 W/kg



0 dB = 0.833 W/kg

LTE Band 4_20MHz_QPSK_1RB_99Offset_Right Tilt_Ch20300_Top Ant.

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

Medium: HSL_1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 41.164$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20300/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.642 W/kg

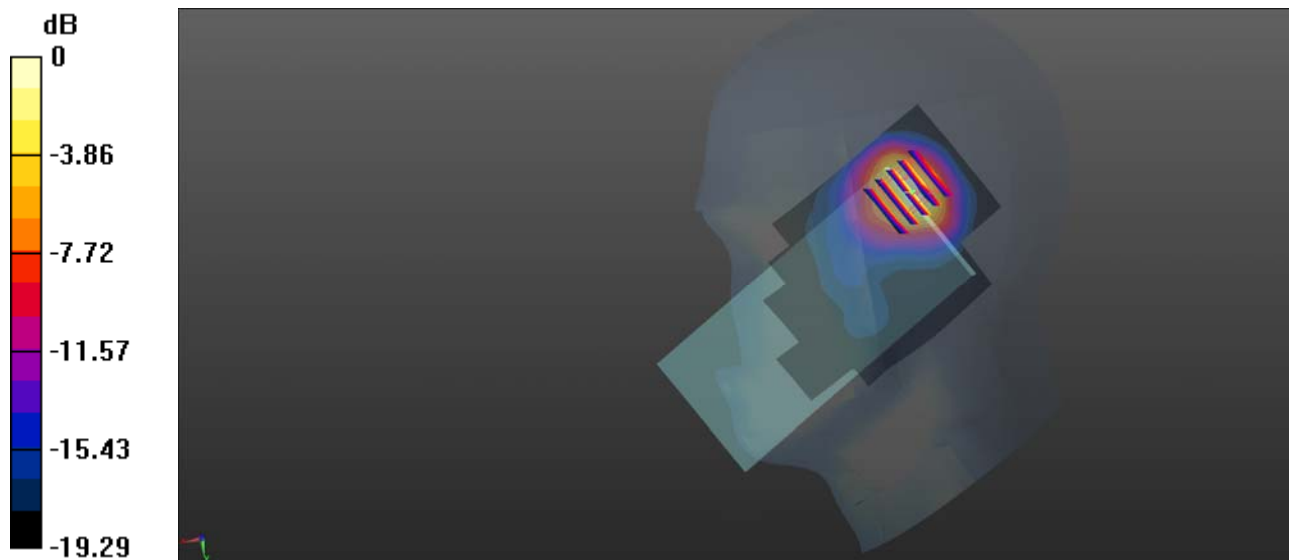
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.29 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.201 W/kg

Maximum value of SAR (measured) = 0.596 W/kg



0 dB = 0.596 W/kg

LTE Band 5_10MHz_QPSK_1RB_0Offset_Left Cheek_Ch20450_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.932 \text{ S/m}$; $\epsilon_r = 42.798$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20450/Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.307 W/kg

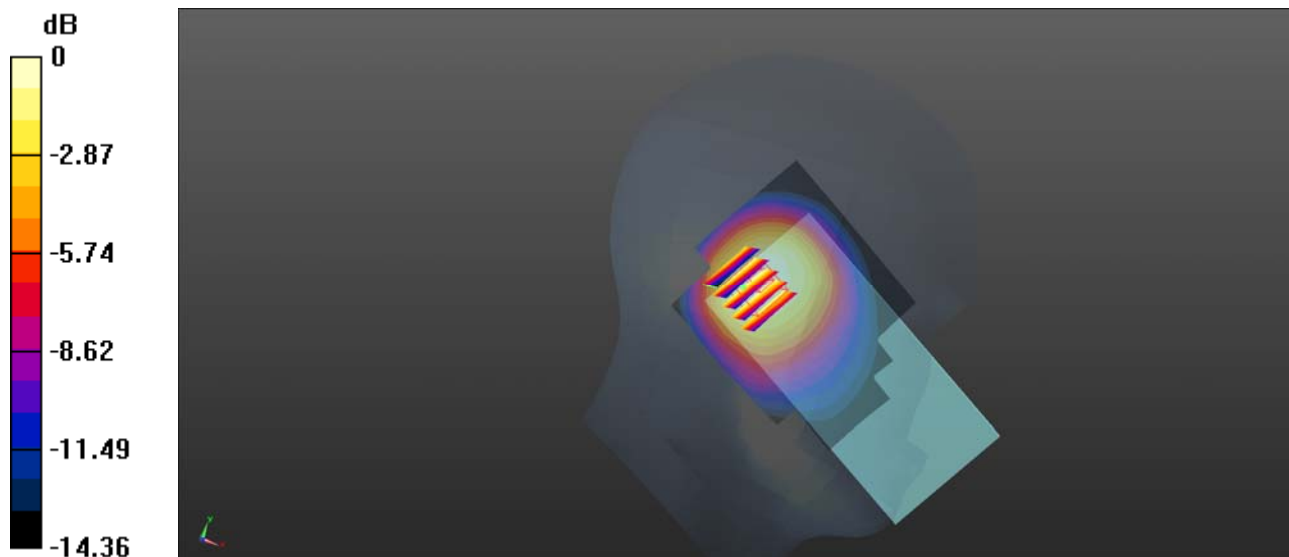
Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.85 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.195 W/kg

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



LTE Band 7_20MHz_QPSK_50RB_24Offset_Right Tilt_Ch20850_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL_2600 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.872$ S/m; $\epsilon_r = 38.537$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20850/Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.583 W/kg

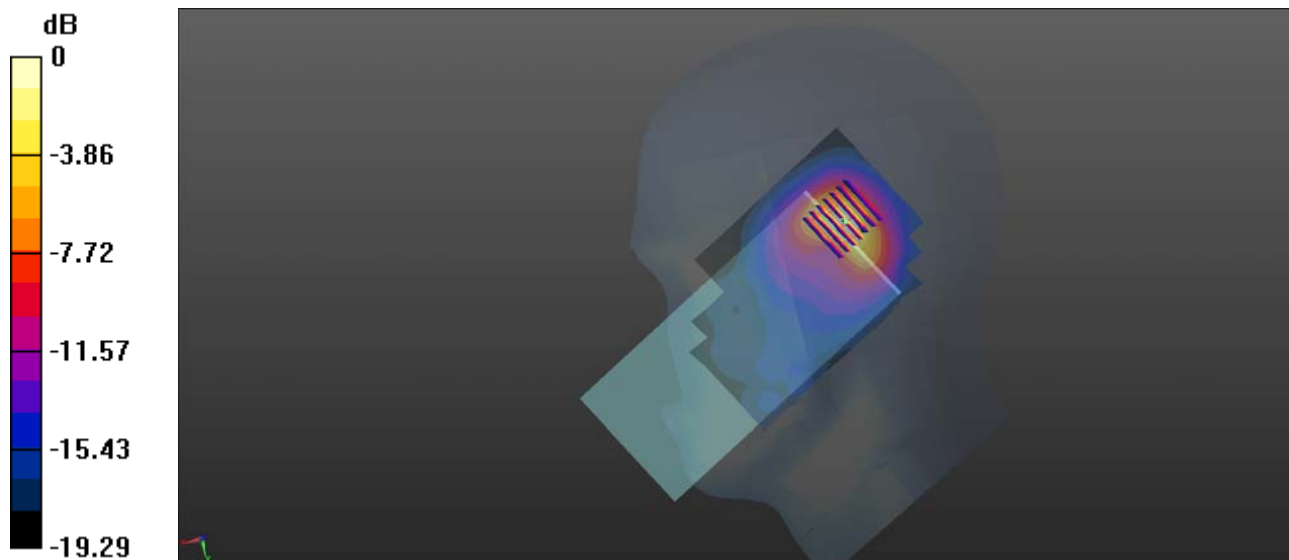
Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.18 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.520 W/kg



0 dB = 0.583 W/kg

LTE Band 38_20MHz_QPSK_1RB_0Offset_Right Tilt_Ch37850_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 2580 MHz; Duty Cycle: 1:1

Medium: HSL_2600 Medium parameters used: $f = 2580$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 38.173$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7, 7, 7); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch37850/Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.545 W/kg

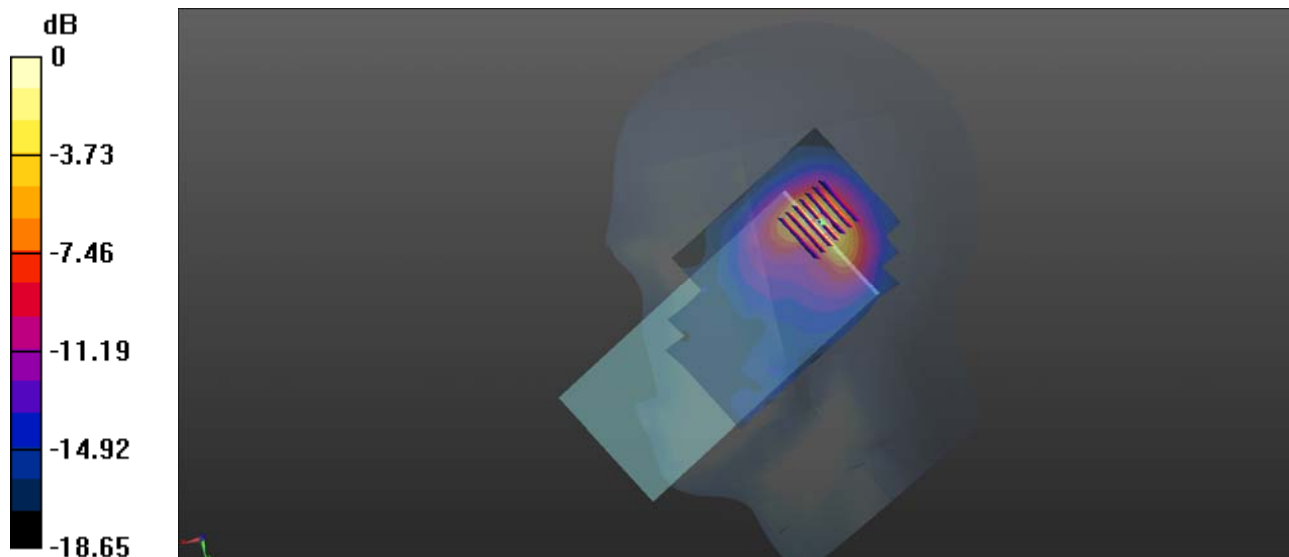
Ch37850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.214 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.479 W/kg



0 dB = 0.545 W/kg

LTE Band 40A_10MHz_QPSK_1RB_0Offset_Right Tilt_Ch38750_Top Ant.

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

Medium: HSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.66$ S/m; $\epsilon_r = 39.354$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.56, 7.56, 7.56); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38750/Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.562 W/kg

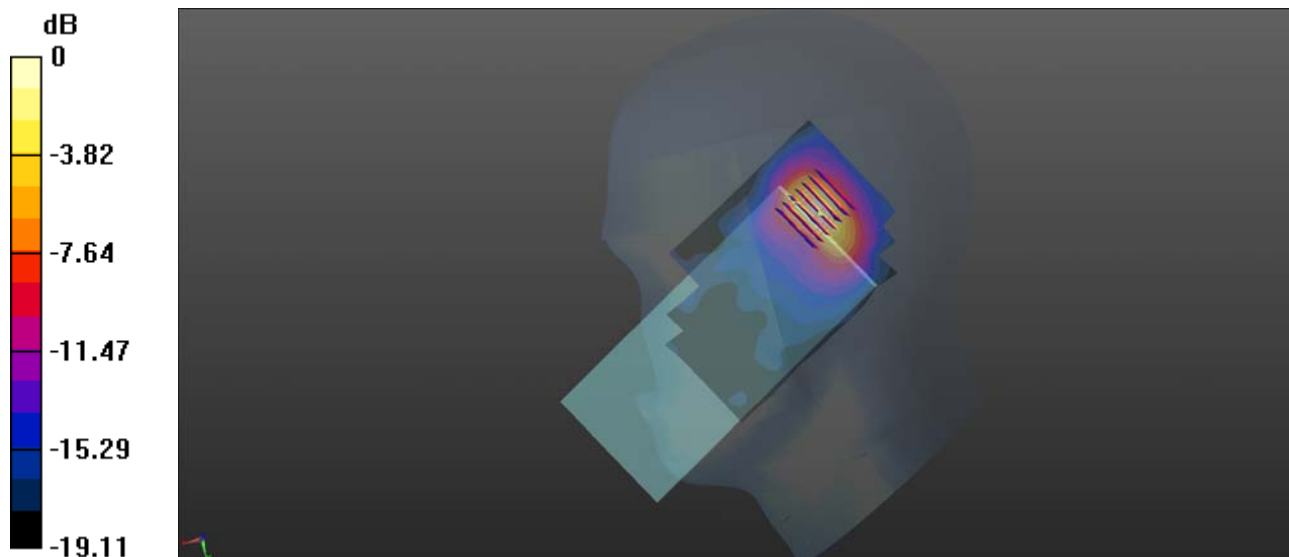
Ch38750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.08 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.495 W/kg



0 dB = 0.562 W/kg

LTE Band 40B_10MHz_QPSK_1RB_0Offset_Right Tilt_Ch39200_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 2355 MHz; Duty Cycle: 1:1

Medium: HSL_2300 Medium parameters used: $f = 2355 \text{ MHz}$; $\sigma = 1.709 \text{ S/m}$; $\epsilon_r = 39.181$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.56, 7.56, 7.56); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39200/Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.540 W/kg

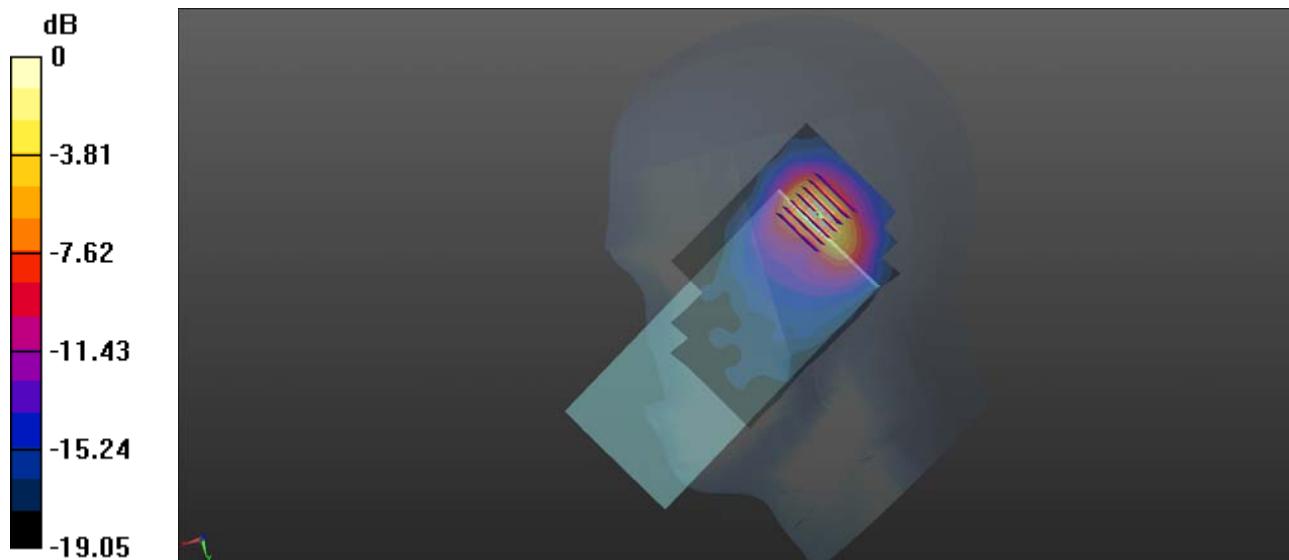
Ch39200/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.39 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.923 W/kg

SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.484 W/kg



0 dB = 0.540 W/kg

LTE Band 41_20MHz_QPSK_50RB_0Offset_Right Tilt_Ch40140_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 2545 MHz; Duty Cycle: 1:1

Medium: HSL_2600 Medium parameters used: $f = 2545$ MHz; $\sigma = 1.924$ S/m; $\epsilon_r = 38.321$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40140/Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.517 W/kg

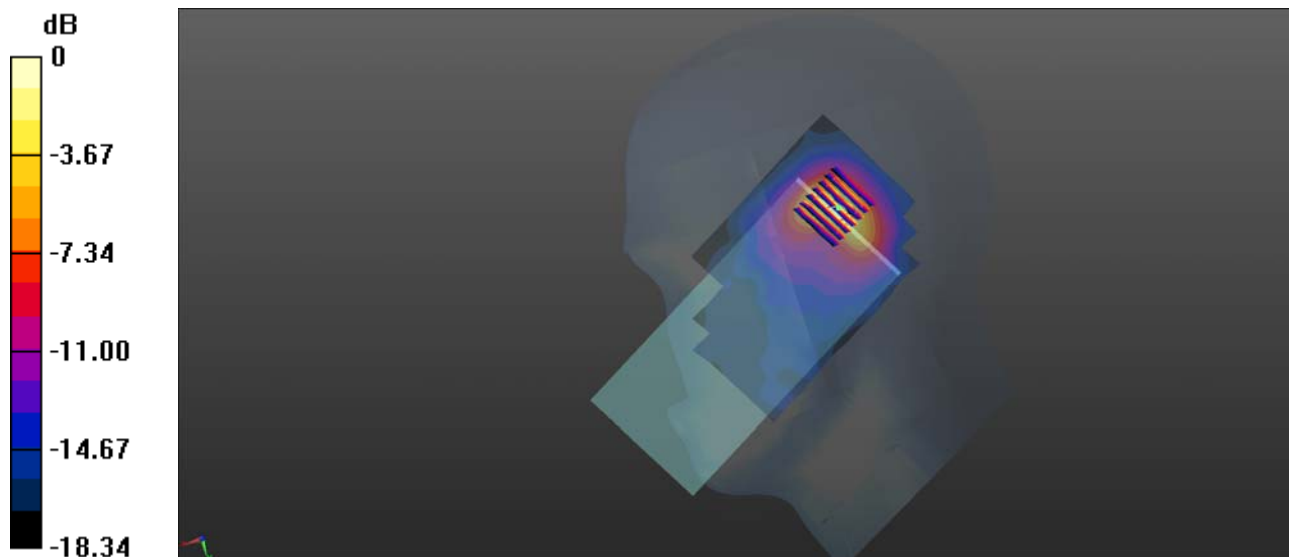
Ch40140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.249 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.448 W/kg

Maximum value of SAR (measured) = 0.755 W/kg



0 dB = 0.517 W/kg

WLAN 2.4GHz_802.11 b 1Mbps_Left Cheek_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 38.902$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.428 W/kg

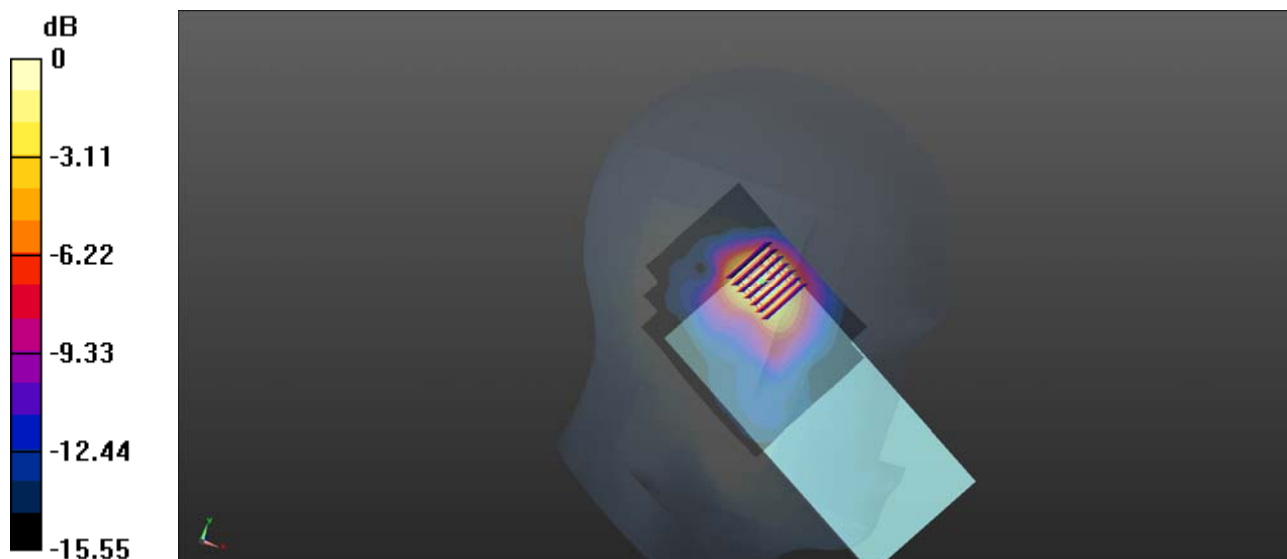
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.077 V/m; Power Drift = 0.26 dB

Peak SAR (extrapolated) = 0.840 W/kg

SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (measured) = 0.411 W/kg



0 dB = 0.428 W/kg

WLAN 5.2GHz_802.11n HT40 MCS0_Left Cheek_Ch46

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5230 MHz;Duty Cycle: 1:1.042
Medium: HSL_5250 Medium parameters used: $f = 5230$ MHz; $\sigma = 4.513$ S/m; $\epsilon_r = 34.987$; $\rho = 1000$ kg/m³

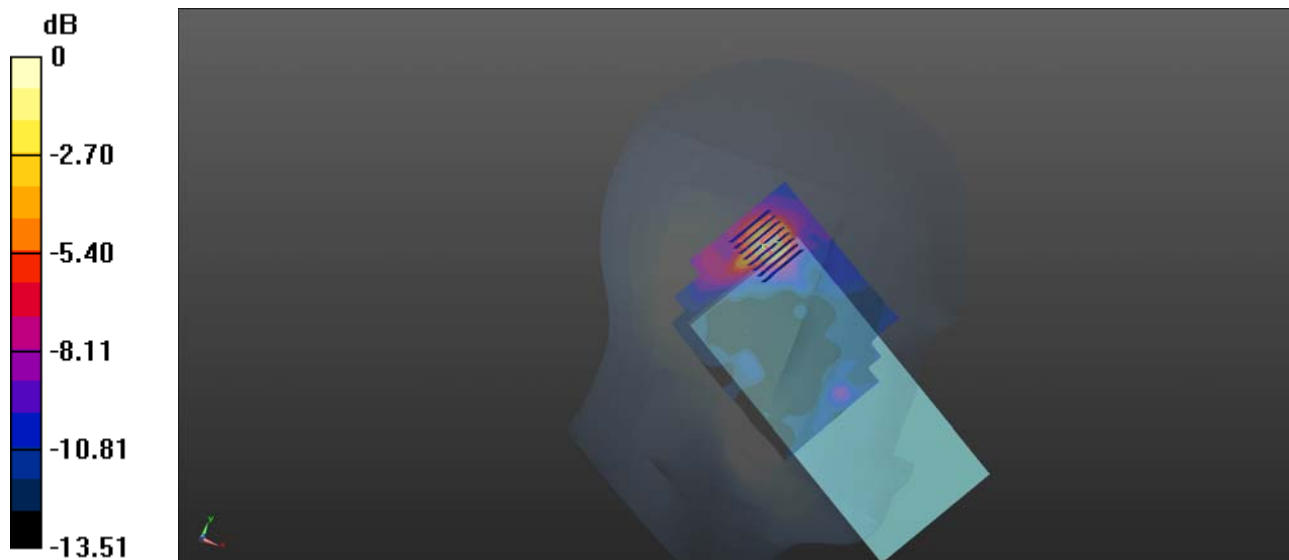
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.29, 5.29, 5.29); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch46/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.342 W/kg

Ch46/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.571 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.828 W/kg
SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.115 W/kg
Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.342 W/kg

WLAN 5.3GHz_802.11n HT40 MCS0_Left Tilt_Ch62

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5310 MHz; Duty Cycle: 1:1.042
Medium: HSL_5250 Medium parameters used: $f = 5310$ MHz; $\sigma = 4.594$ S/m; $\epsilon_r = 34.894$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.29, 5.29, 5.29); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch62/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.436 W/kg

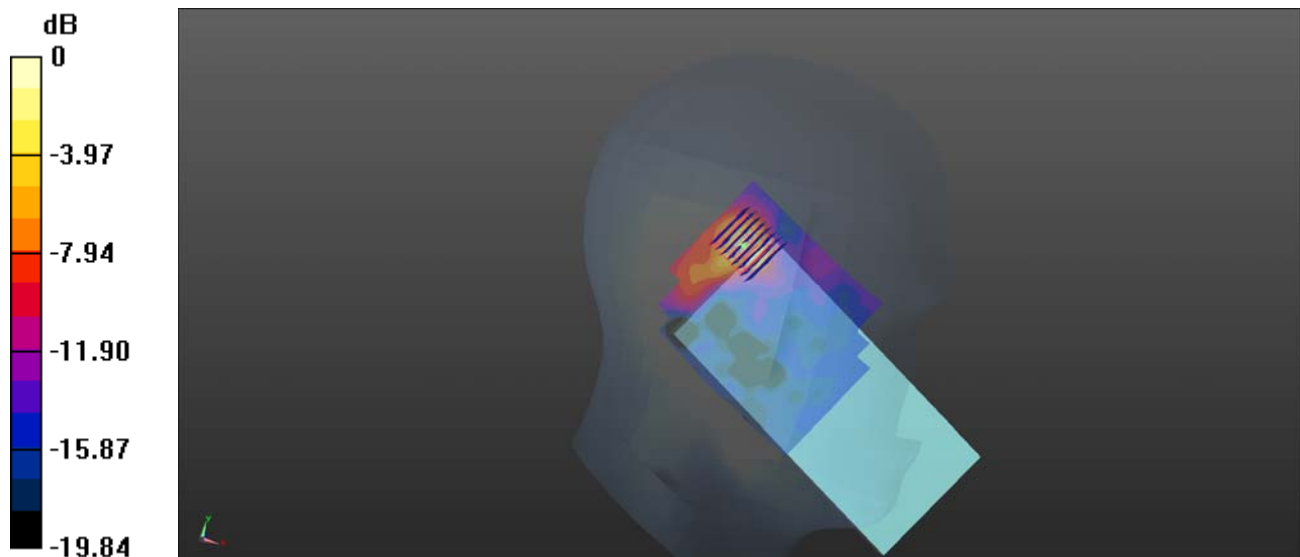
Ch62/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.050 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.412 W/kg



0 dB = 0.436 W/kg = -3.61 dBW/kg

WLAN 5.5GHz_802.11n HT40 MCS0_Left Tilt_Ch102

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5510 MHz;Duty Cycle: 1:1.042
Medium: HSL_5600 Medium parameters used: $f = 5510$ MHz; $\sigma = 4.83$ S/m; $\epsilon_r = 36.12$; $\rho = 1000$ kg/m³

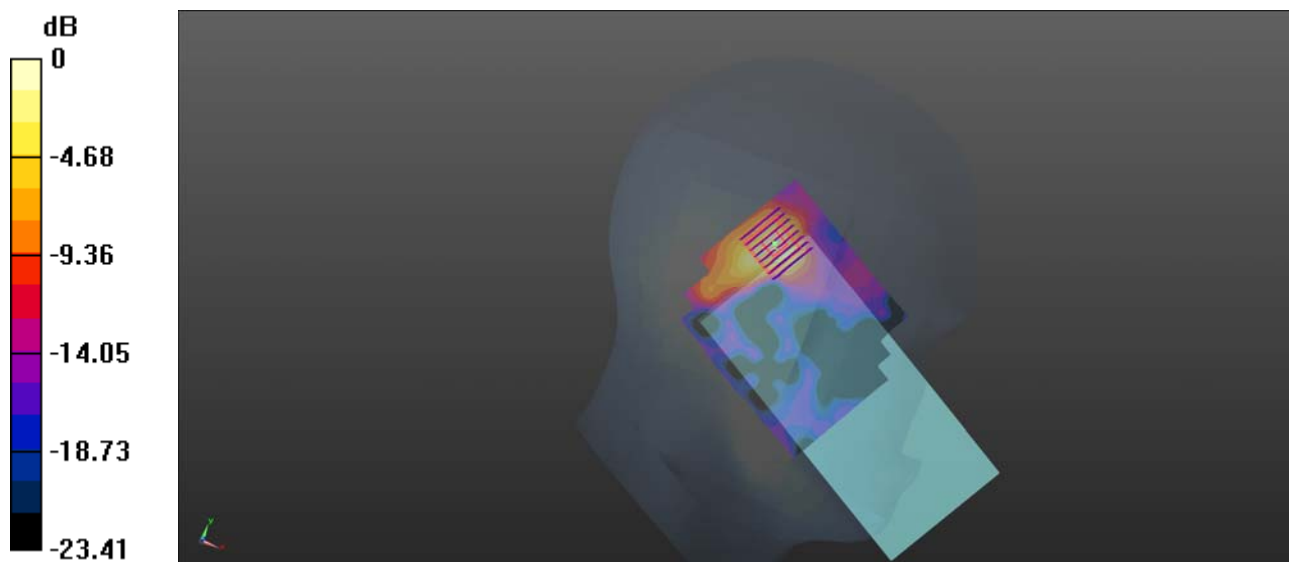
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.59, 4.59, 4.59); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch102/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.322 W/kg

Ch102/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.347 V/m; Power Drift = 6.53 dB
Peak SAR (extrapolated) = 0.885 W/kg
SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.299 W/kg



0 dB = 0.322 W/kg

WLAN 5.8GHz_802.11n HT40 MCS0_Left Tilt_Ch159

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5795 MHz; Duty Cycle: 1:1.042
Medium: HSL_5750 Medium parameters used: $f = 5795$ MHz; $\sigma = 5.074$ S/m; $\epsilon_r = 34.21$; $\rho = 1000$ kg/m³

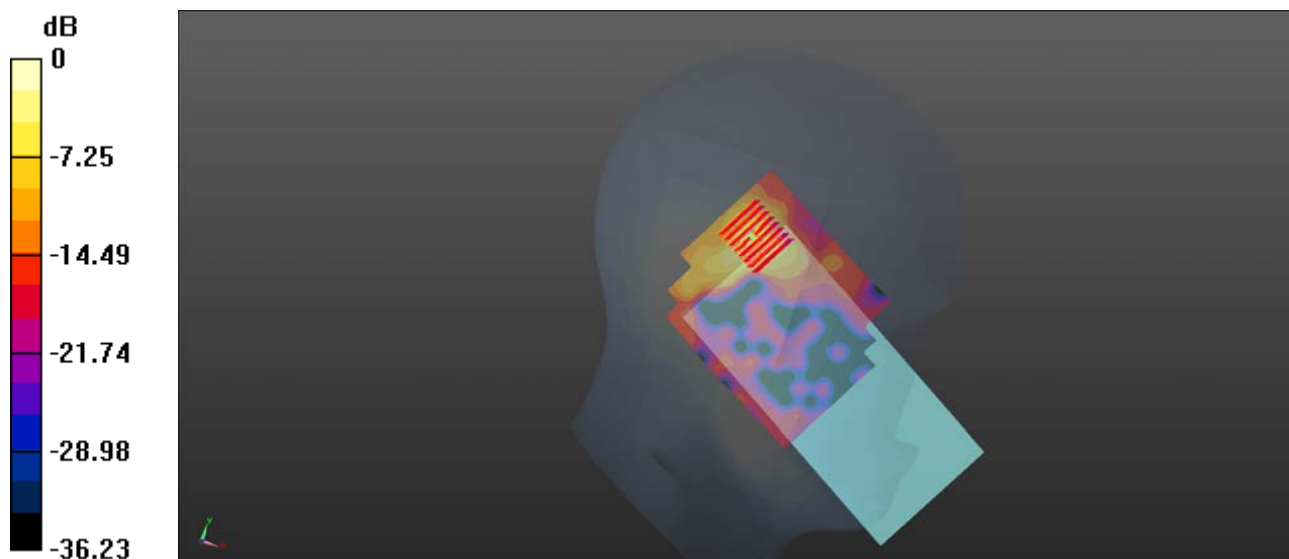
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.59, 4.59, 4.59); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch159/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.495 W/kg

Ch159/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.383 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 0.460 W/kg



0 dB = 0.495 W/kg

GSM850_GPRS(4 TX slots)_Back Side_10mm_Ch189_Bottom Ant.

Communication System: UID 0, GSM850(class 12) (0); Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: HSL_835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 42.978$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch189/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.253 W/kg

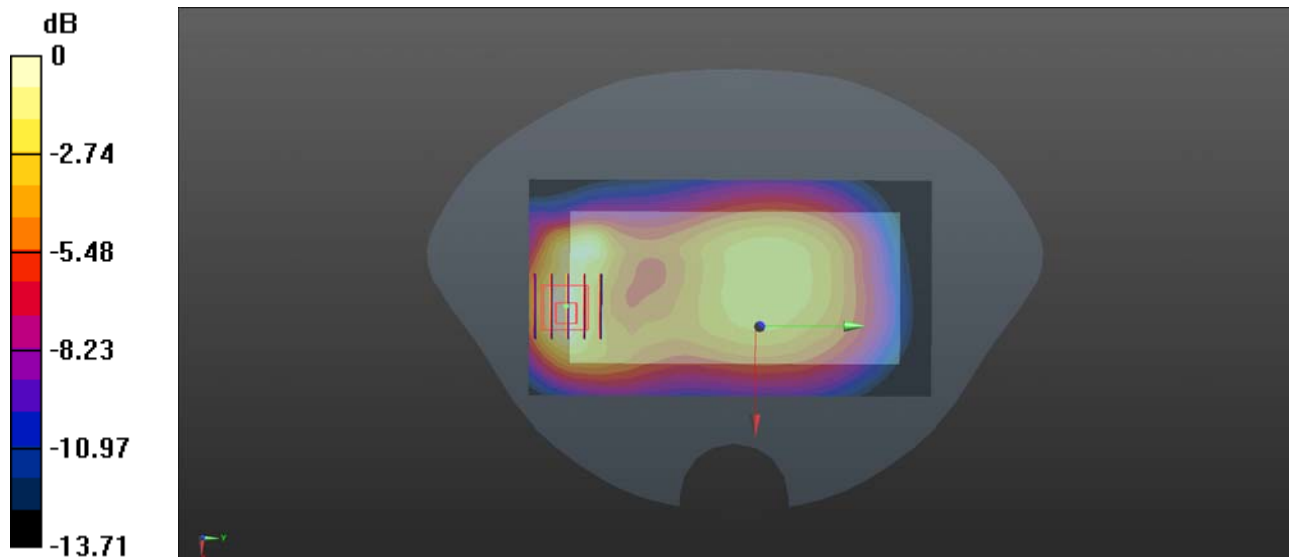
Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.37 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.260 W/kg



0 dB = 0.260 W/kg

GSM1900_GPRS(2 TX slots)_Back Side_10mm_Ch512_Top Ant.

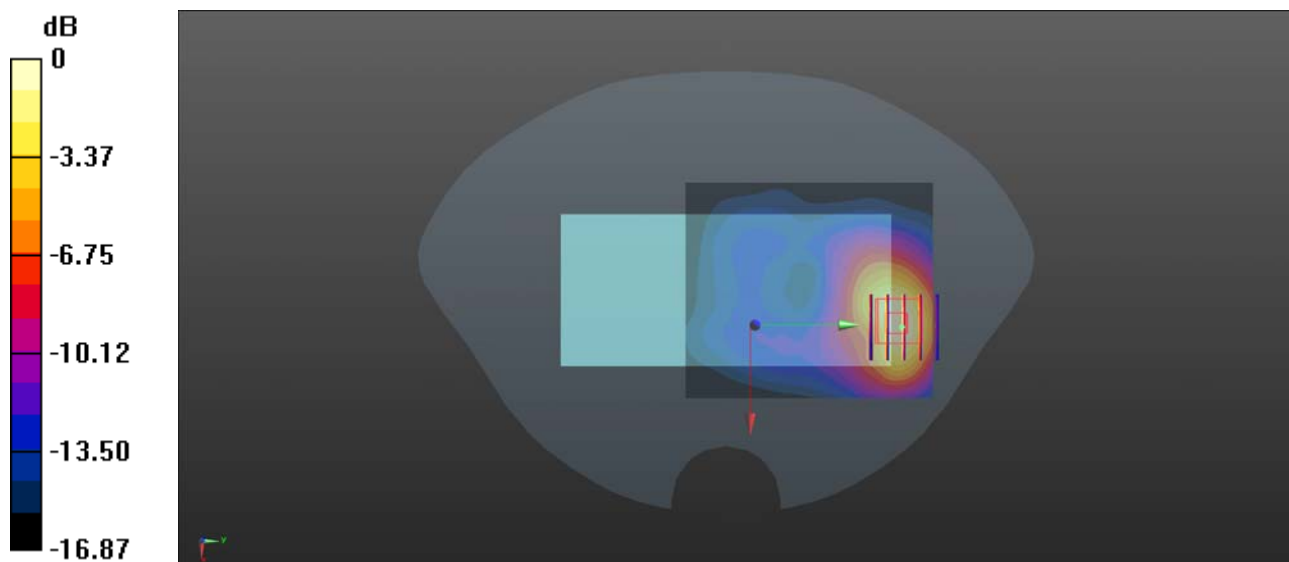
Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.293$ S/m; $\epsilon_r = 39.706$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.356 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.040 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.630 W/kg
SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.165 W/kg
Maximum value of SAR (measured) = 0.352 W/kg



0 dB = 0.352 W/kg

WCDMA Band II_RMC 12.2Kbps_Back Side_10mm_Ch9400_Top Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.321$ S/m; $\epsilon_r = 39.882$; $\rho = 1000$ kg/m³

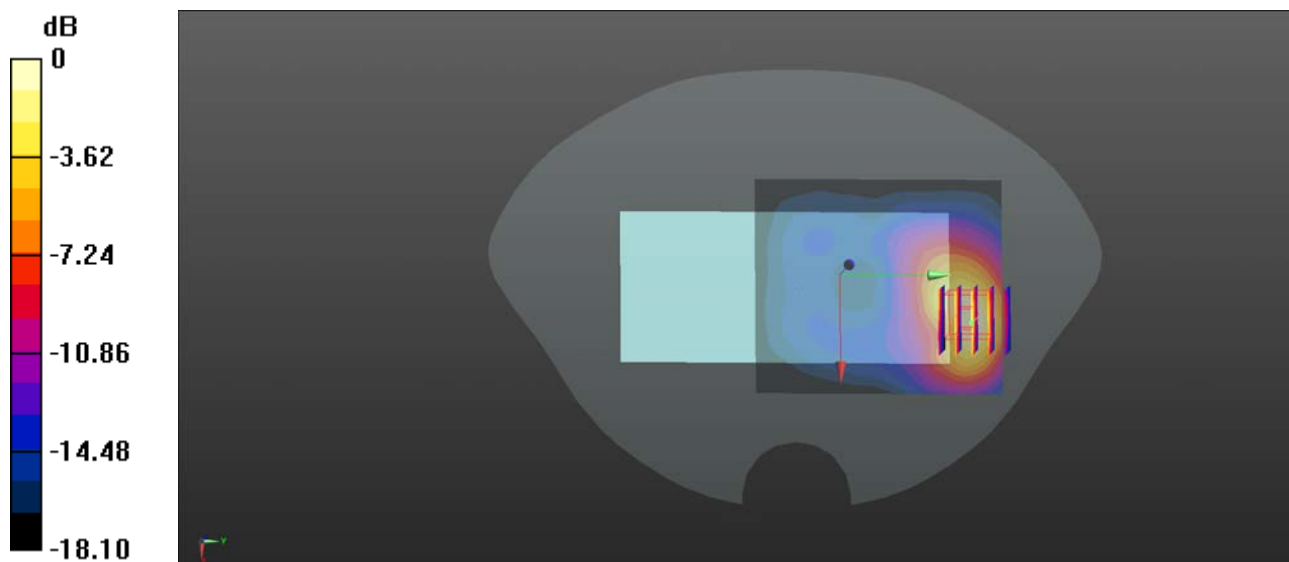
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.512 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.094 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.938 W/kg
SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.238 W/kg
Maximum value of SAR (measured) = 0.514 W/kg



0 dB = 0.512 W/kg

WCDMA Band IV_RMC 12.2Kbps_Back Side_10mm_Ch1513_Bottom Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 41.122$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.465 W/kg

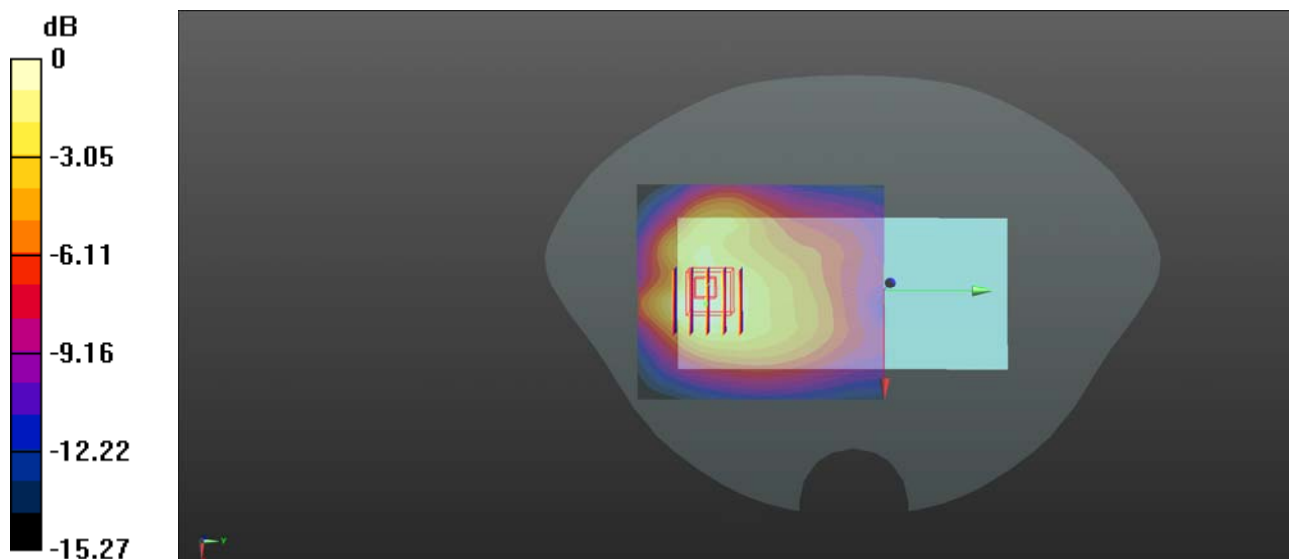
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.381 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.263 W/kg

Maximum value of SAR (measured) = 0.461 W/kg



0 dB = 0.465 W/kg

WCDMA Band V_RMC 12.2Kbps_Back Side_10mm_Ch4233_Bottom Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.959 \text{ S/m}$; $\epsilon_r = 43.168$; $\rho = 1000 \text{ kg/m}^3$

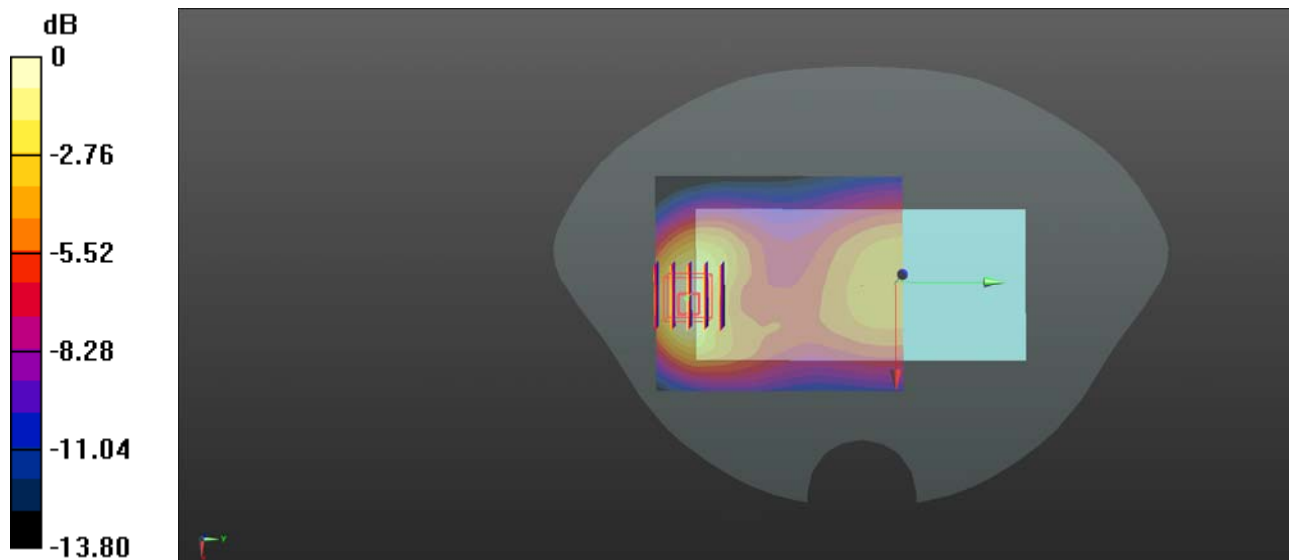
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.429 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 13.58 V/m; Power Drift = -0.34 dB
Peak SAR (extrapolated) = 0.652 W/kg
SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.224 W/kg
Maximum value of SAR (measured) = 0.417 W/kg



0 dB = 0.429 W/kg

LTE Band 2_20MHz_QPSK_50RB_24Offset_Back Side_10mm_Ch18700_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.308$ S/m; $\epsilon_r = 39.824$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18700/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.404 W/kg

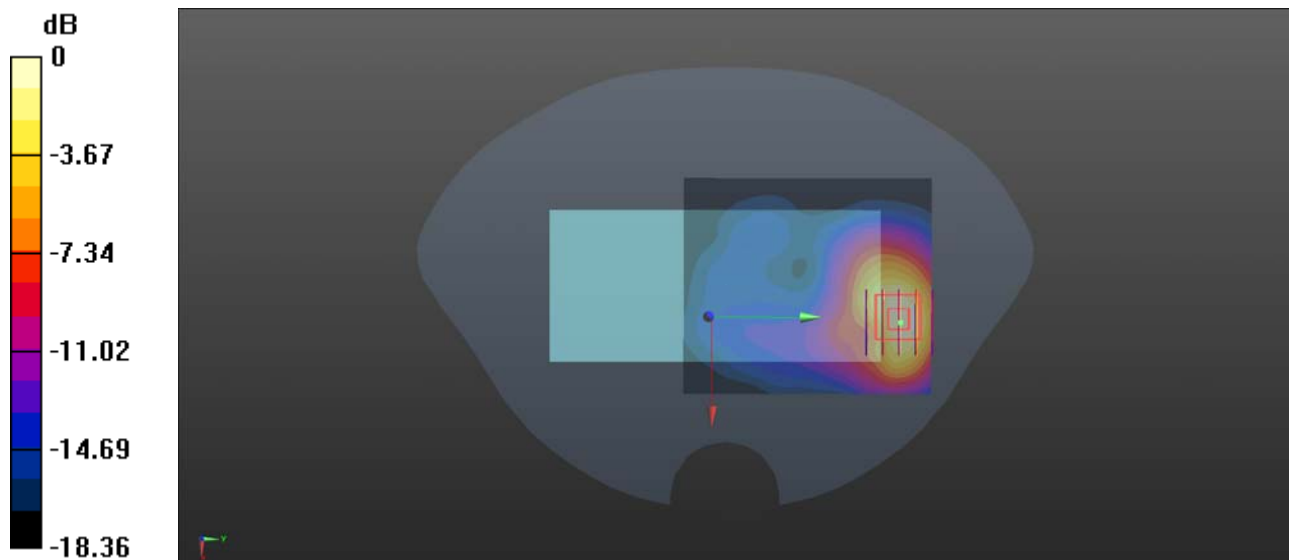
Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.302 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.664 W/kg

SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.388 W/kg



0 dB = 0.388 W/kg

LTE Band 4_20MHz_QPSK_50RB_0Offset_Back Side_10mm_Ch20300_Bottom Ant.

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

Medium: HSL_1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 41.164$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20300/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.412 W/kg

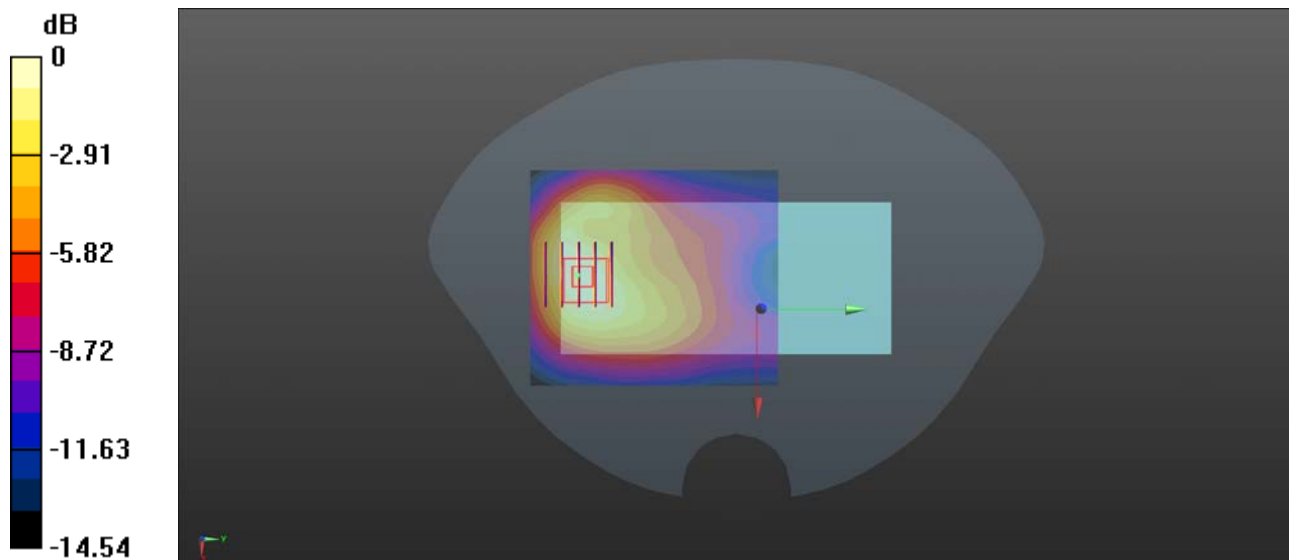
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.011 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.587 W/kg

SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.411 W/kg



0 dB = 0.411 W/kg

LTE Band 5_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20450_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.932 \text{ S/m}$; $\epsilon_r = 42.798$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20450/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.278 W/kg

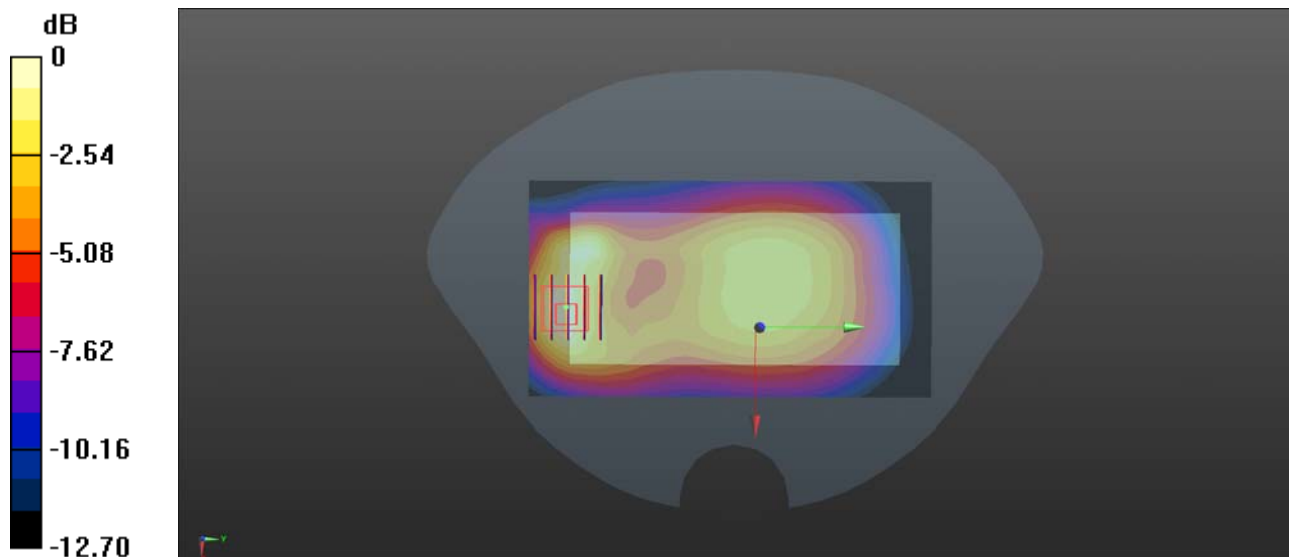
Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.81 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.284 W/kg



0 dB = 0.284 W/kg

LTE Band 7_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch21350_Bottom Ant.

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

Medium: HSL_2600 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.941$ S/m; $\epsilon_r = 38.288$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21350/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.922 W/kg

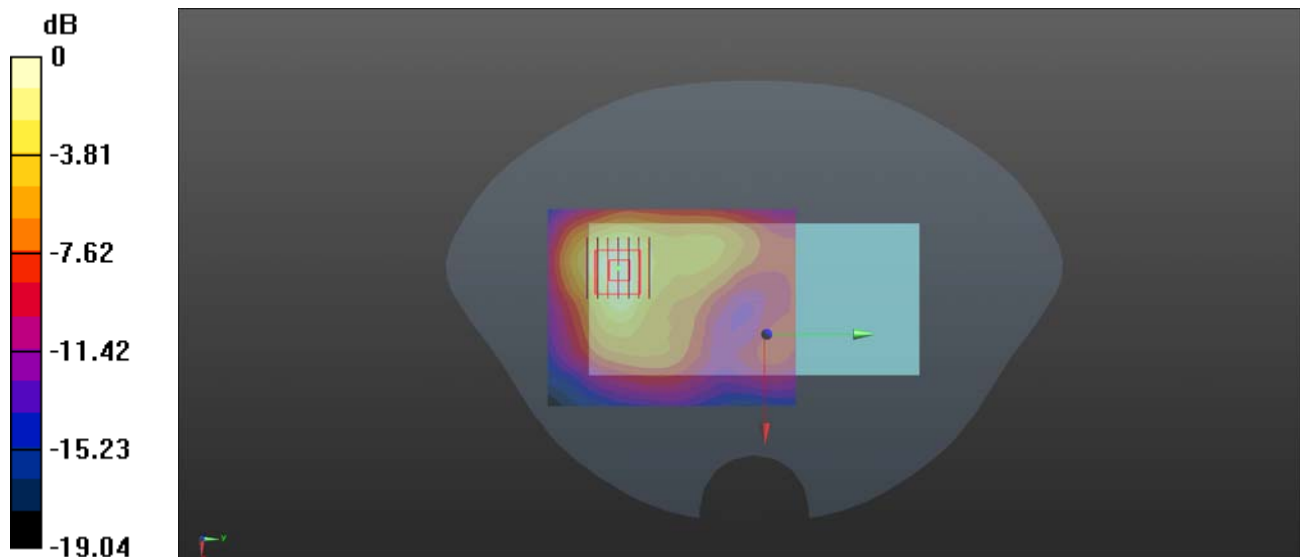
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.036 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.408 W/kg

Maximum value of SAR (measured) = 0.898 W/kg



0 dB = 0.898 W/kg

LTE Band 38_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch37850_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 2580 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600 Medium parameters used: $f = 2580$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 38.173$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7, 7, 7); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch37850/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.355 W/kg

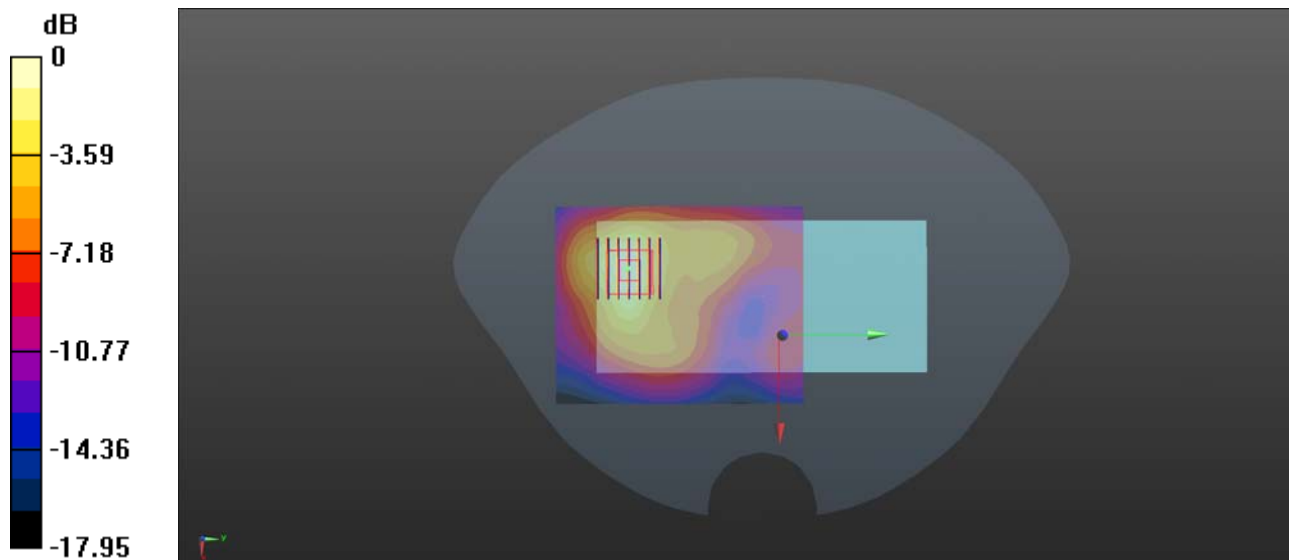
Ch37850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.945 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.620 W/kg

SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.351 W/kg



0 dB = 0.351 W/kg

LTE Band 40A_10MHz_QPSK_25RB_12Offset_Back Side_10mm_Ch38750_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1.59

Medium: HSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.66$ S/m; $\epsilon_r = 39.354$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.56, 7.56, 7.56); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38750/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.500 W/kg

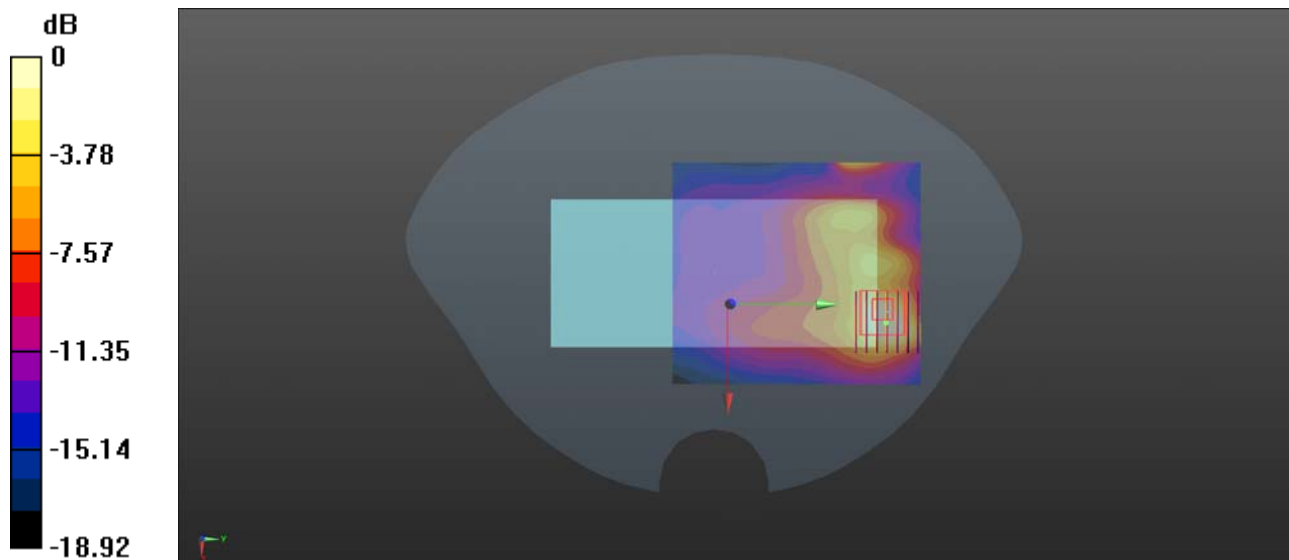
Ch38750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.495 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.584 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.420 W/kg



0 dB = 0.420 W/kg

LTE Band 40B_10MHz_QPSK_25RB_0Offset_Back Side_10mm_Ch39200_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 2355 MHz; Duty Cycle: 1:1.59

Medium: HSL_2300 Medium parameters used: $f = 2355$ MHz; $\sigma = 1.709$ S/m; $\epsilon_r = 39.181$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.56, 7.56, 7.56); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39200/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.479 W/kg

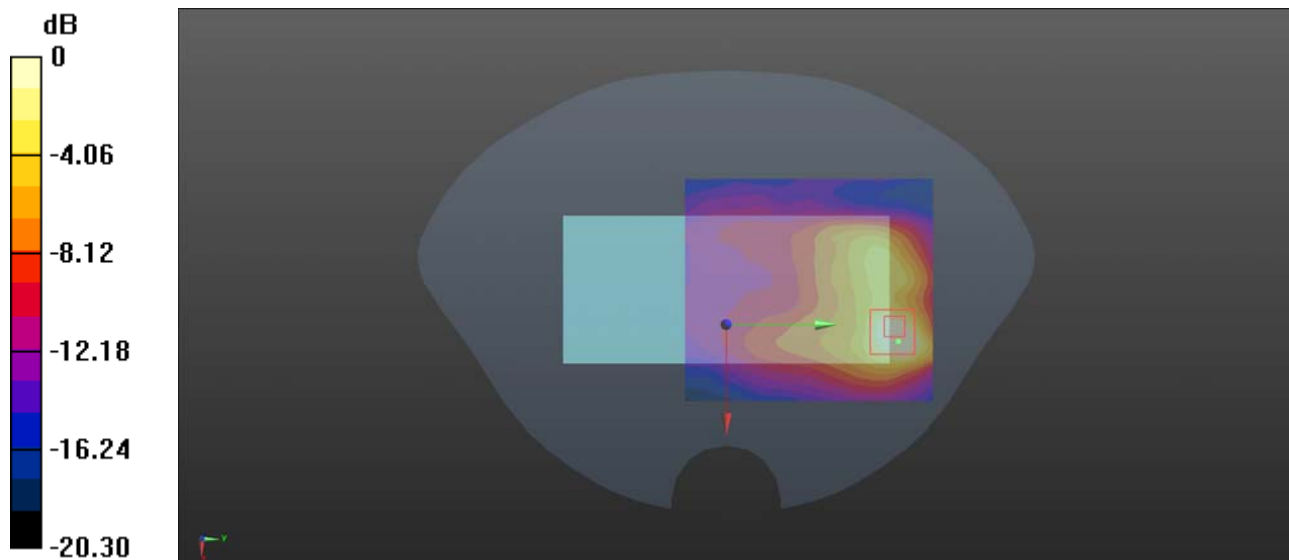
Ch39200/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.702 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.546 W/kg

SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.391 W/kg

LTE Band 41_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch40140_Bottom Ant.

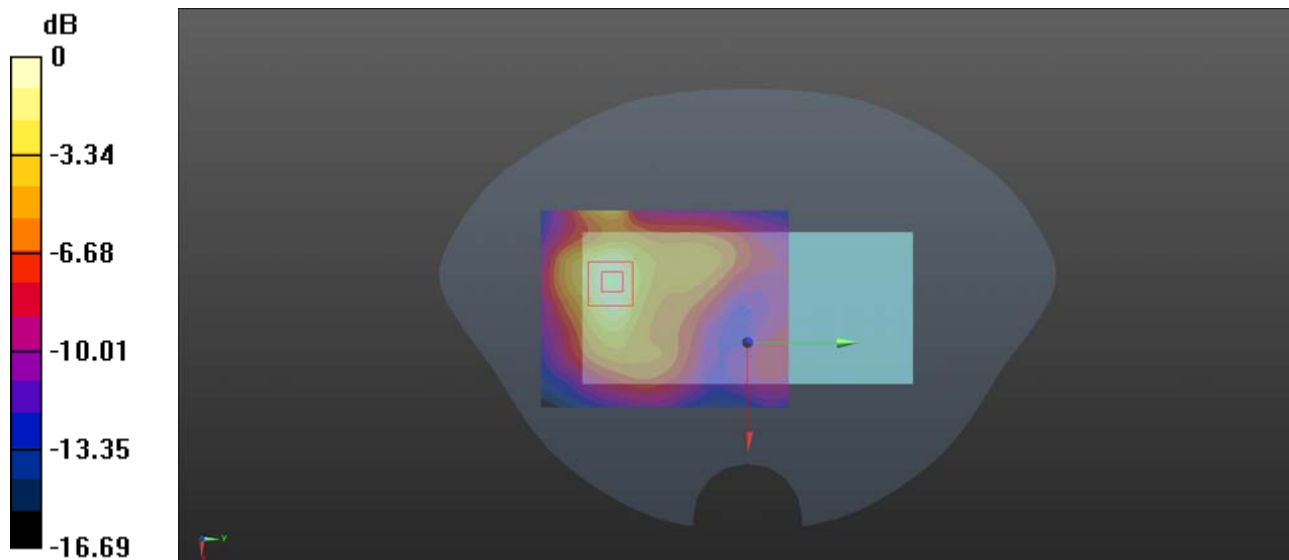
Communication System: UID 0, LTE (0); Frequency: 2545 MHz; Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: $f = 2545 \text{ MHz}$; $\sigma = 1.924 \text{ S/m}$; $\epsilon_r = 38.321$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40140/Area Scan (81x101x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 0.390 W/kg

Ch40140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 3.630 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.650 W/kg
SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.174 W/kg
Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.381 W/kg

WLAN 2.4GHz_802.11 b 1Mbps_Back Side_10mm_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 38.902$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.144 W/kg

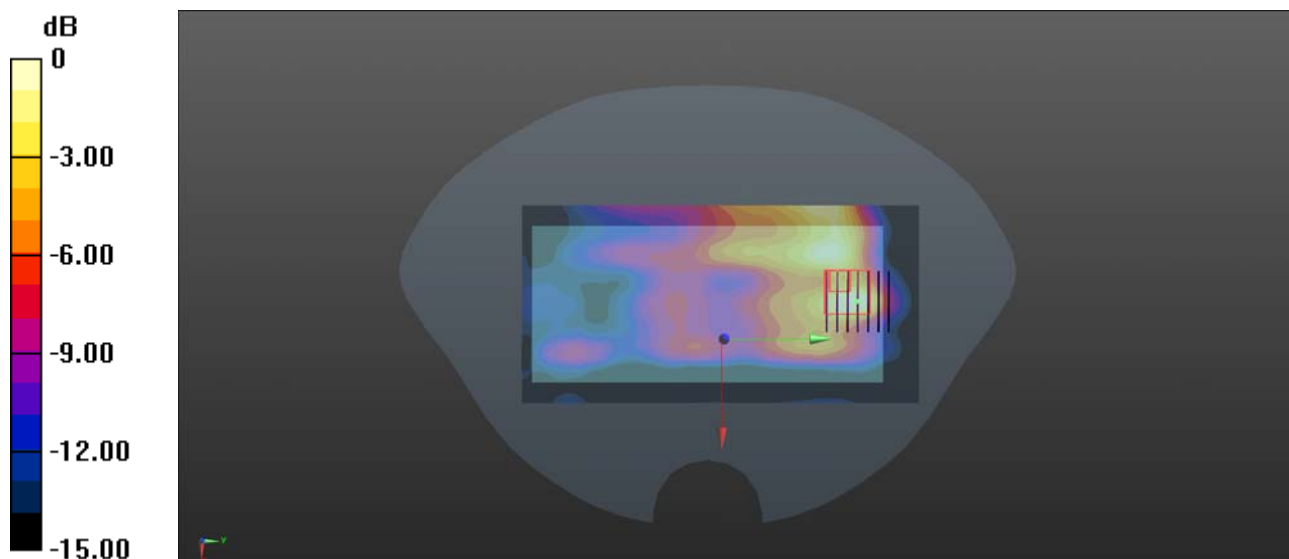
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.121 V/m; Power Drift = 0.68 dB

Peak SAR (extrapolated) = 0.342 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.186 W/kg



0 dB = 0.144 W/kg

WLAN 5.2GHz_802.11n HT40 MCS0_Back Side_10mm_Ch46

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5230 MHz;Duty Cycle: 1:1
Medium: HSL_5250 Medium parameters used: $f = 5230 \text{ MHz}$; $\sigma = 4.513 \text{ S/m}$; $\epsilon_r = 34.987$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.29, 5.29, 5.29); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch46/Area Scan (101x111x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 0.419 W/kg

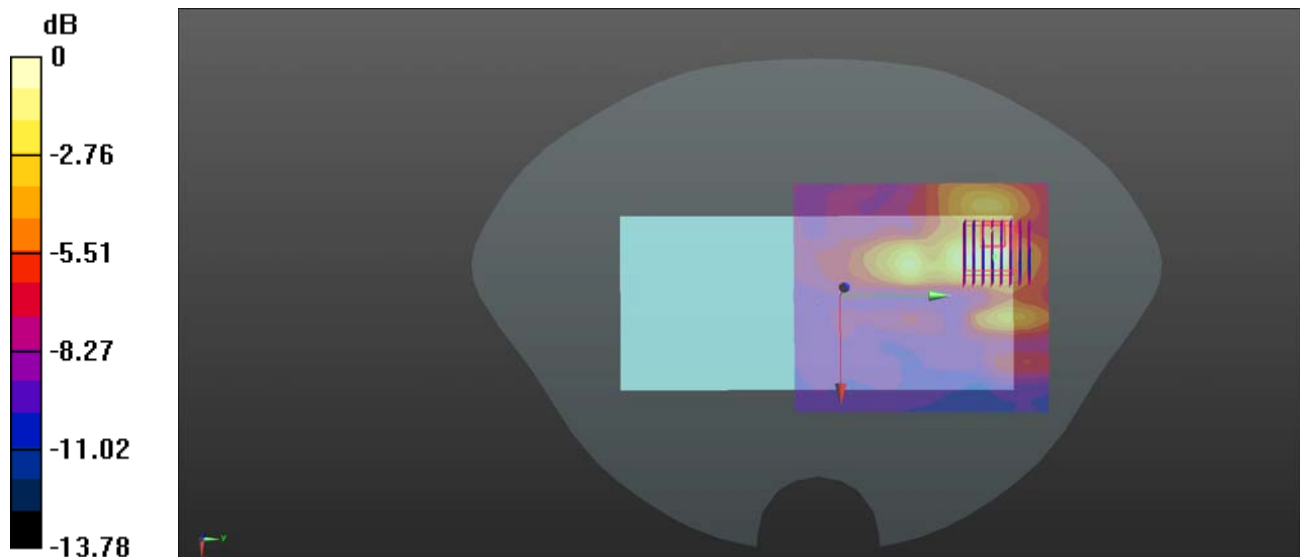
Ch46/Zoom Scan (8x8x15)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 3.788 V/m; Power Drift = -1.83 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.514 W/kg



0 dB = 0.419 W/kg

WLAN 5.3GHz_802.11n HT40 MCS0_Back Side_10mm_Ch62

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5310 MHz; Duty Cycle: 1:1.042
Medium: HSL_5250 Medium parameters used: $f = 5310$ MHz; $\sigma = 4.896$ S/m; $\epsilon_r = 35.761$; $\rho = 1000$ kg/m³

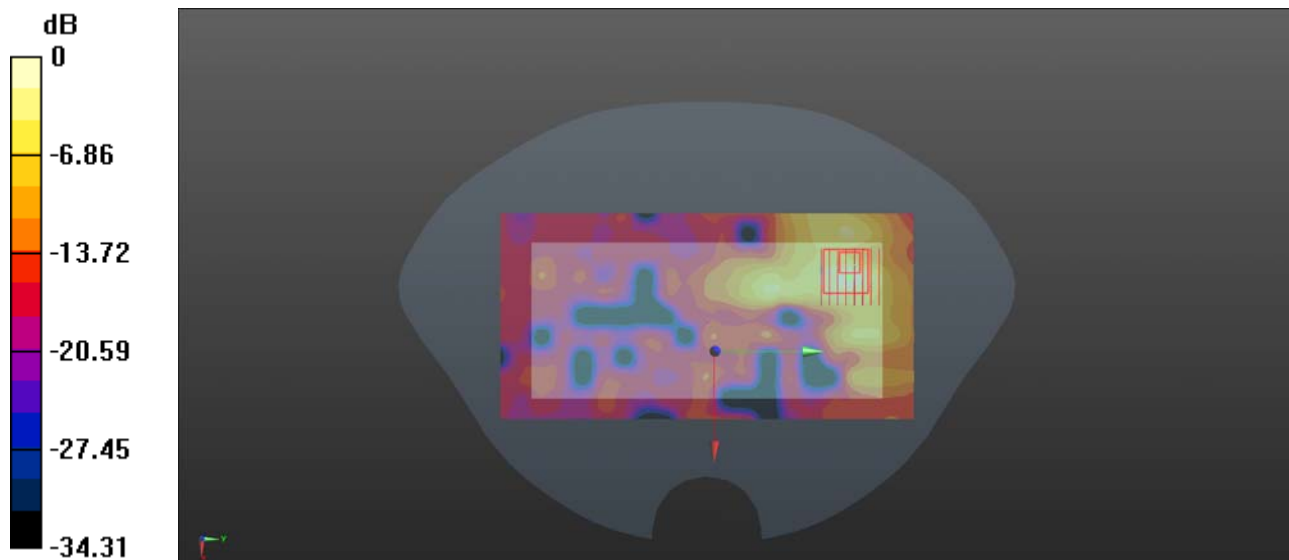
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.29, 5.29, 5.29); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch62/Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.339 W/kg

Ch62/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.9820 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.123 W/kg
Maximum value of SAR (measured) = 0.396 W/kg



0 dB = 0.396 W/kg

WLAN 5.5GHz_802.11n HT40 MCS0_Back Side_10mm_Ch102

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5510 MHz;Duty Cycle: 1:1
Medium: HSL_5750 Medium parameters used: $f = 5510$ MHz; $\sigma = 4.83$ S/m; $\epsilon_r = 36.12$; $\rho = 1000$ kg/m³

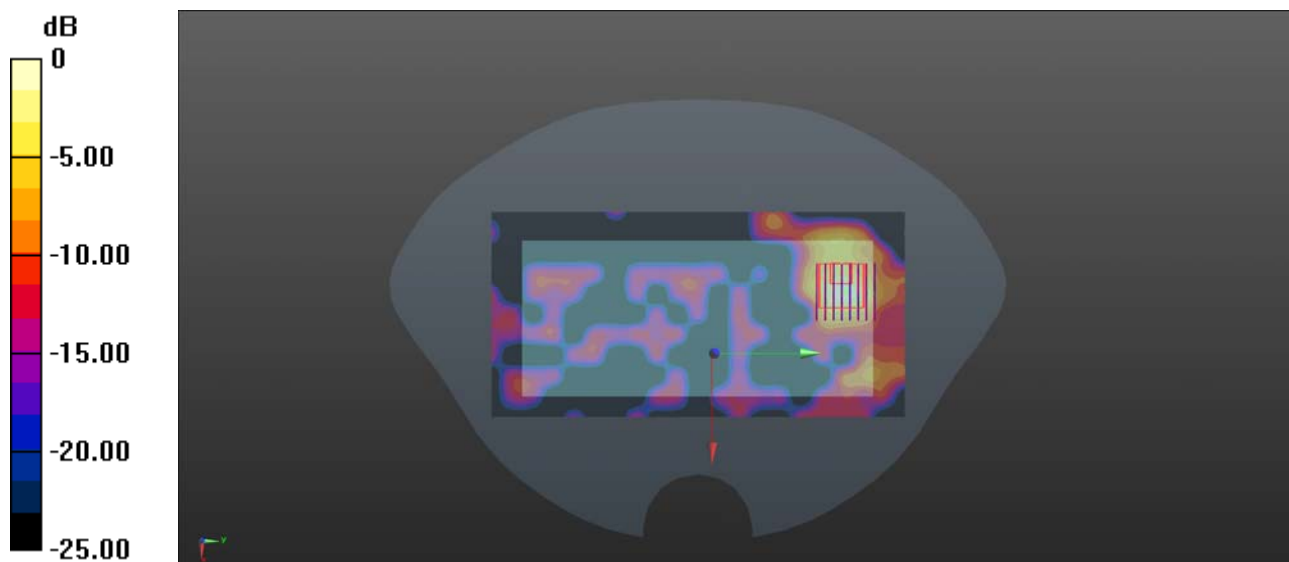
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.59, 4.59, 4.59); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch102/Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.246 W/kg

Ch102/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.9240 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.777 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.059 W/kg
Maximum value of SAR (measured) = 0.257 W/kg



0 dB = 0.257 W/kg

WLAN 5.8GHz_802.11n HT40 MCS0_Back Side_10mm_Ch159

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5795 MHz;Duty Cycle: 1:1
Medium: HSL_5750 Medium parameters used: $f = 5795$ MHz; $\sigma = 5.074$ S/m; $\epsilon_r = 34.21$; $\rho = 1000$ kg/m³

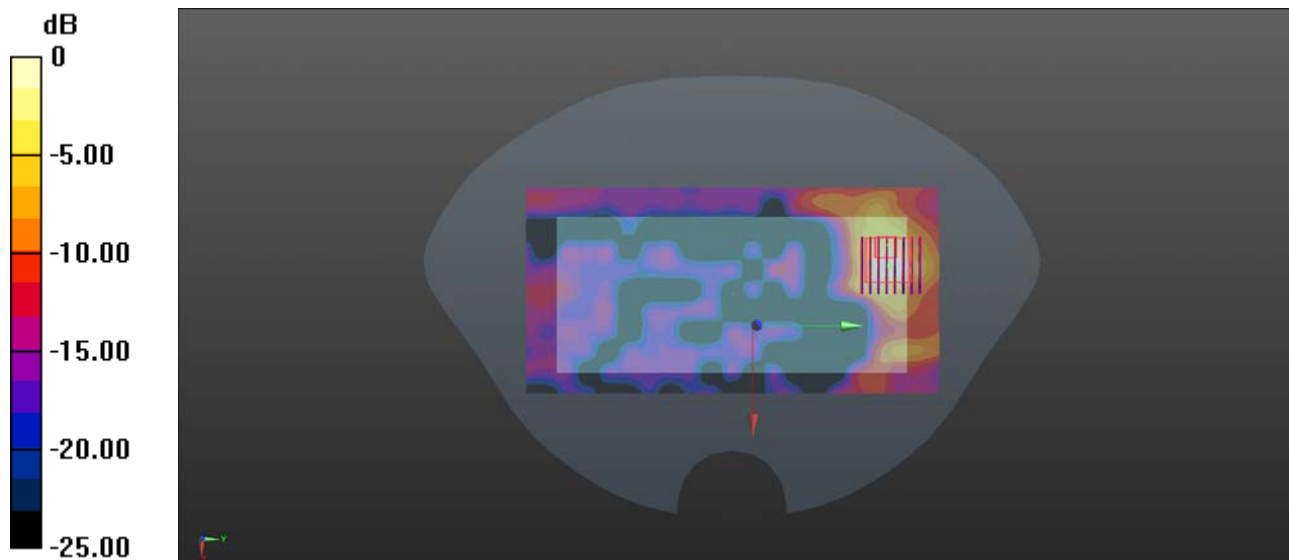
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.59, 4.59, 4.59); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch159/Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.266 W/kg

Ch159/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.7740 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.076 W/kg
Maximum value of SAR (measured) = 0.291 W/kg



0 dB = 0.291 W/kg

GSM850_GPRS(4 TX slots)_Back Side_10mm_Ch189_Bottom Ant.

Communication System: UID 0, GSM850(class 12) (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.08
Medium: HSL_835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 42.978$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch189/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.253 W/kg

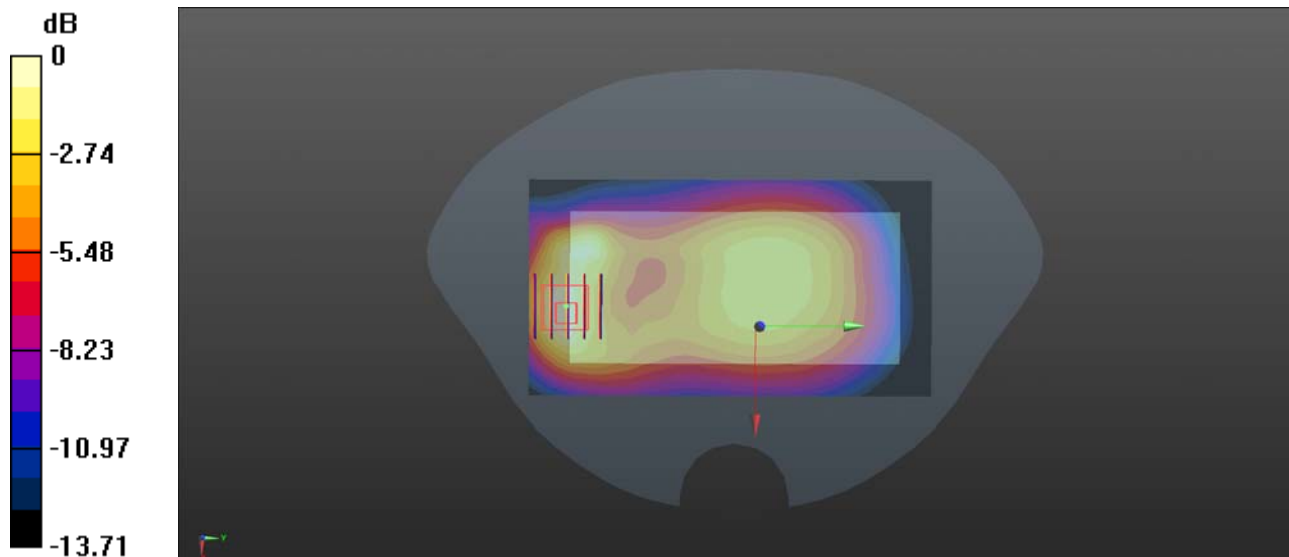
Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.37 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.260 W/kg



GSM1900_GPRS(2 TX slots)_Top Side_10mm_Ch512_Top Ant.

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1850.2 MHz;Duty Cycle: 1:4.15
Medium: HSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.293$ S/m; $\epsilon_r = 39.706$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (41x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.635 W/kg

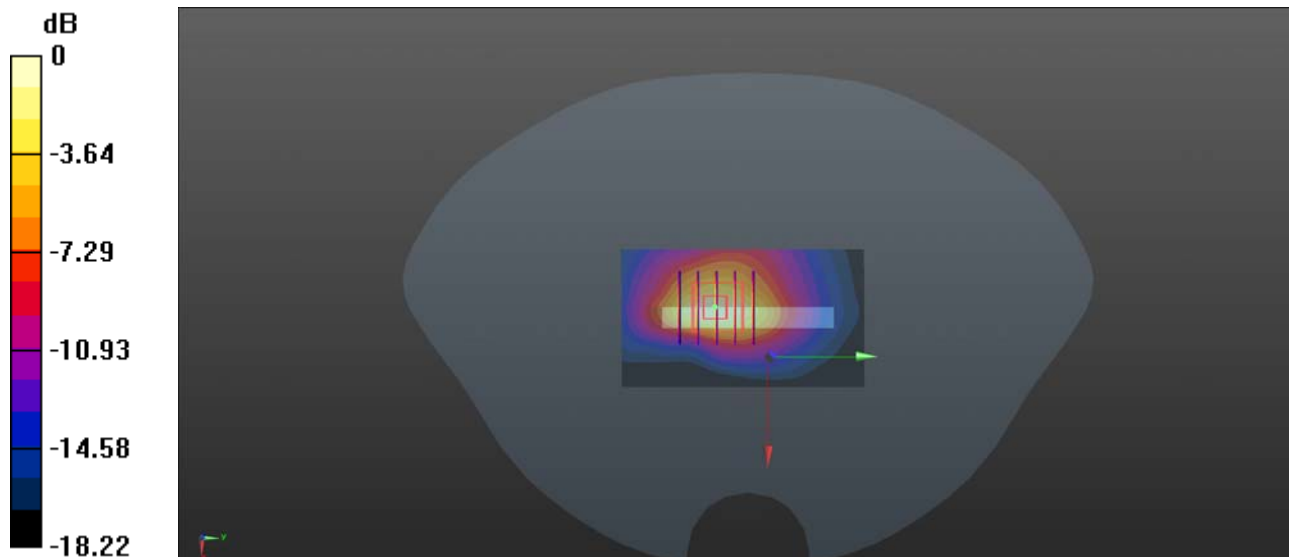
Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.36 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.995 W/kg

SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 0.608 W/kg



0 dB = 0.608 W/kg

WCDMA Band II_RMC 12.2Kbps_Top Side_10mm_Ch9262_Top Ant.

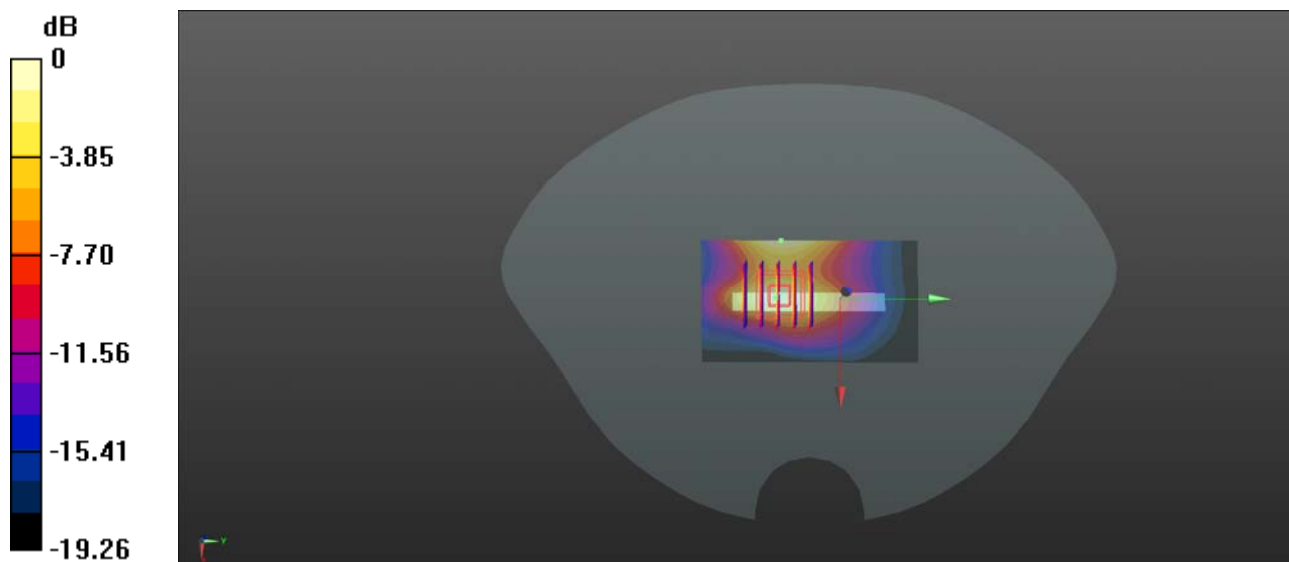
Communication System: UID 0, UMTS-FDD (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.296$ S/m; $\epsilon_r = 39.768$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1\2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9262/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.994 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.20 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.408 W/kg
Maximum value of SAR (measured) = 0.954 W/kg



WCDMA Band IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1513_Bottom Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 41.122$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.525 W/kg

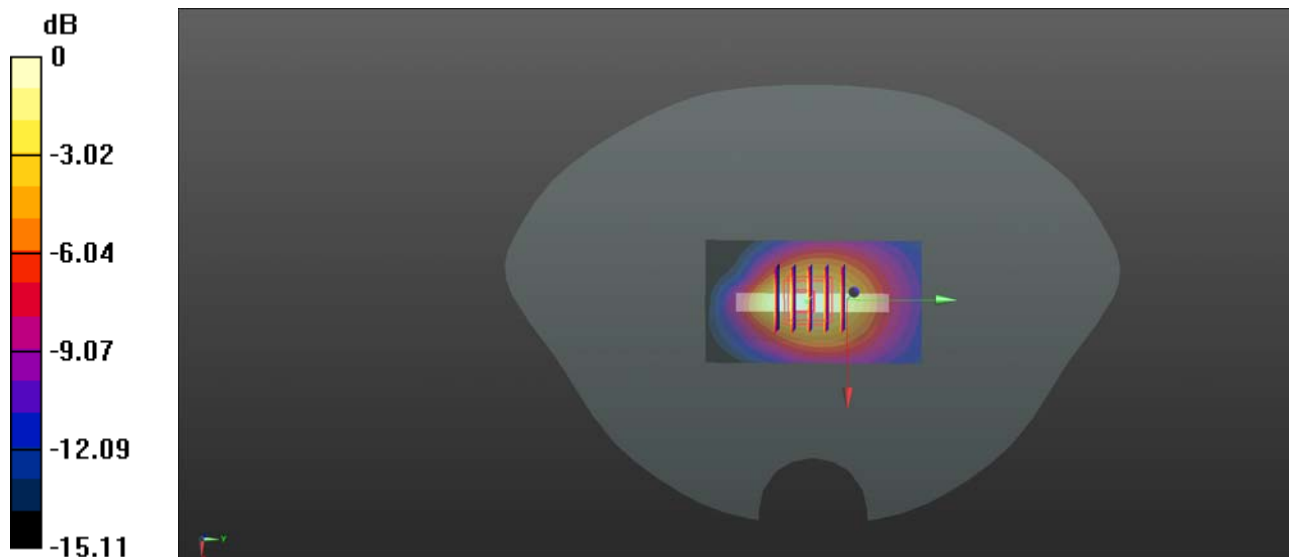
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.61 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.714 W/kg

SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.259 W/kg

Maximum value of SAR (measured) = 0.492 W/kg



0 dB = 0.525 W/kg

WCDMA Band V_RMC 12.2Kbps_Back Side_10mm_Ch4233_Bottom Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.959 \text{ S/m}$; $\epsilon_r = 43.168$; $\rho = 1000 \text{ kg/m}^3$

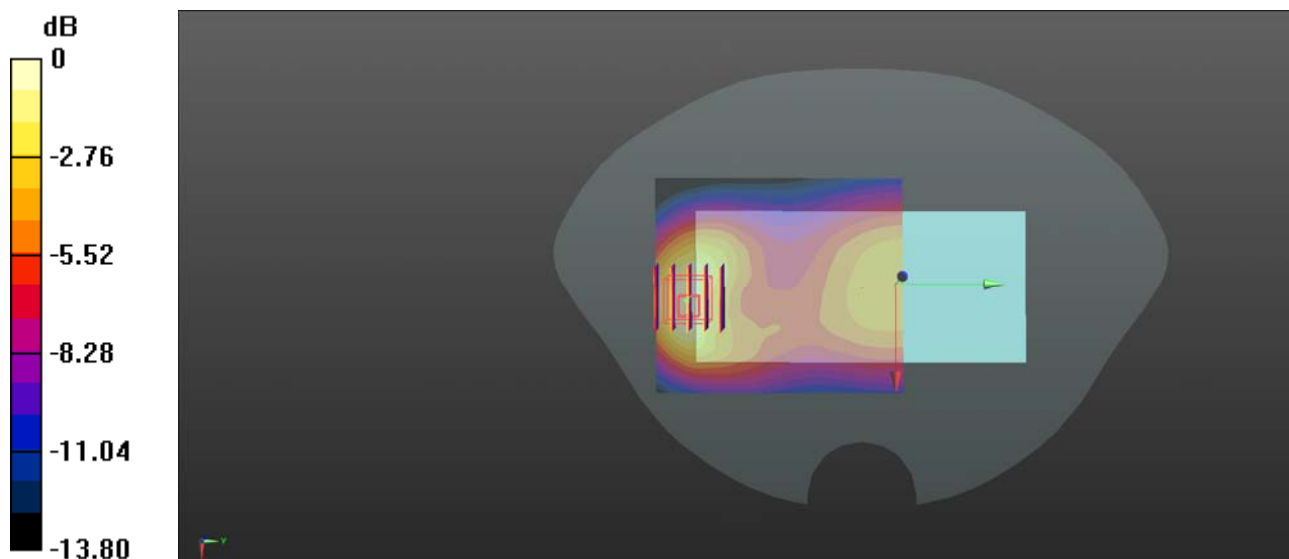
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.429 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 13.58 V/m; Power Drift = -0.34 dB
Peak SAR (extrapolated) = 0.652 W/kg
SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.224 W/kg
Maximum value of SAR (measured) = 0.417 W/kg



0 dB = 0.429 W/kg

LTE Band 2_20MHz_QPSK_50RB_24Offset_Top Side_Ch18700_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.308$ S/m; $\epsilon_r = 39.824$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch18700/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.657 W/kg

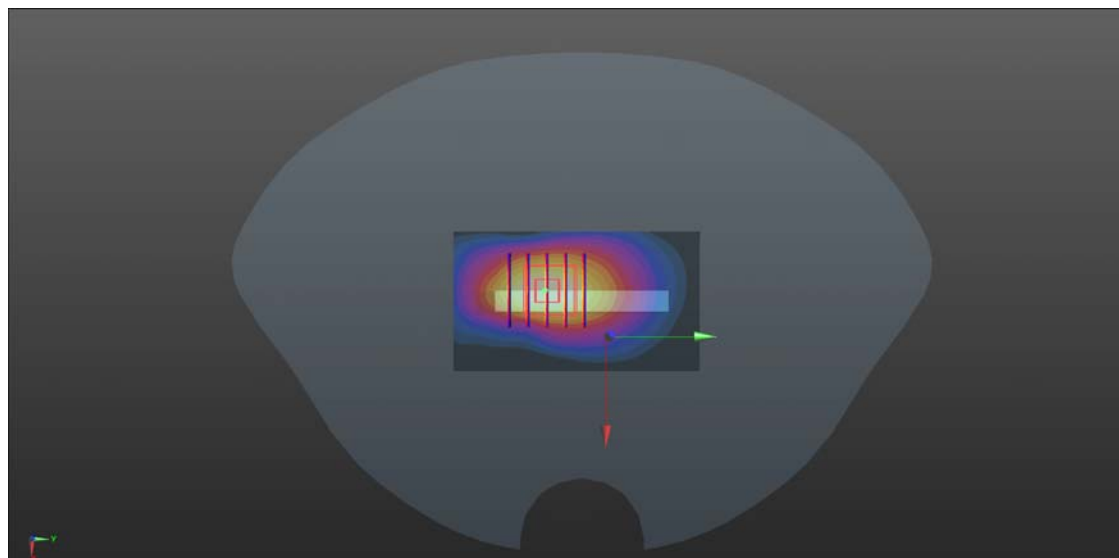
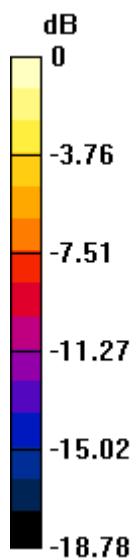
Configuration/Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.40 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.921 W/kg

SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.234 W/kg

Maximum value of SAR (measured) = 0.559 W/kg



0 dB = 0.559 W/kg

LTE Band 4_20MHz_QPSK_50RB_0Offset_Bottom Side_10mm_Ch20300_Bottom Ant.

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

Medium: HSL_1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 41.164$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20300/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.603 W/kg

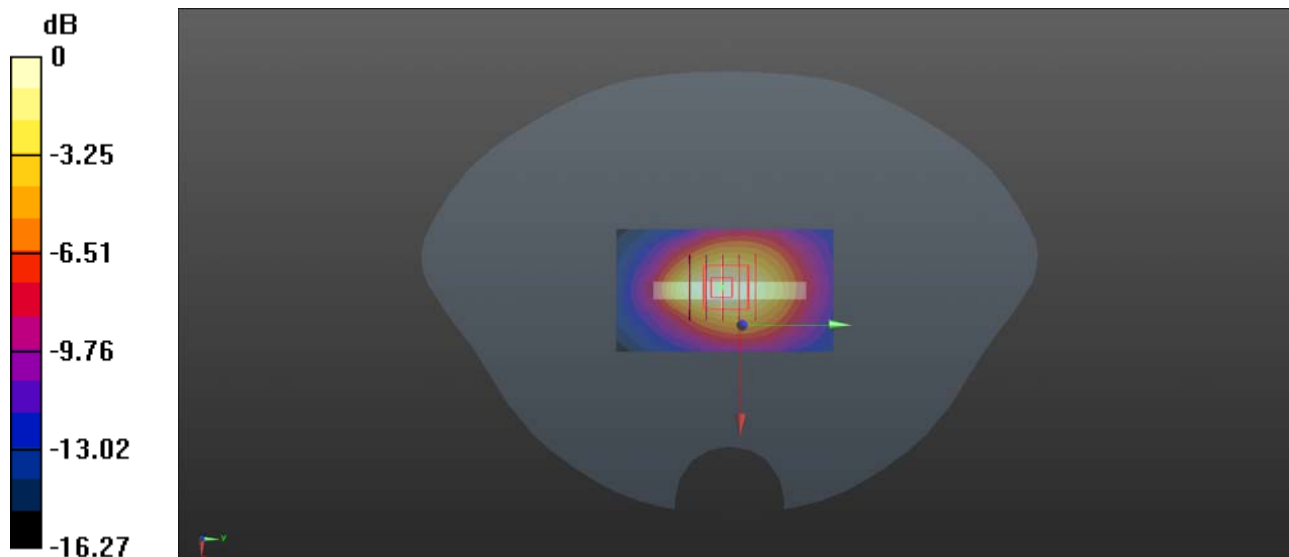
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.95 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.839 W/kg

SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 0.561 W/kg



0 dB = 0.561 W/kg

LTE Band 5_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20450_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.932 \text{ S/m}$; $\epsilon_r = 42.798$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20450/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.278 W/kg

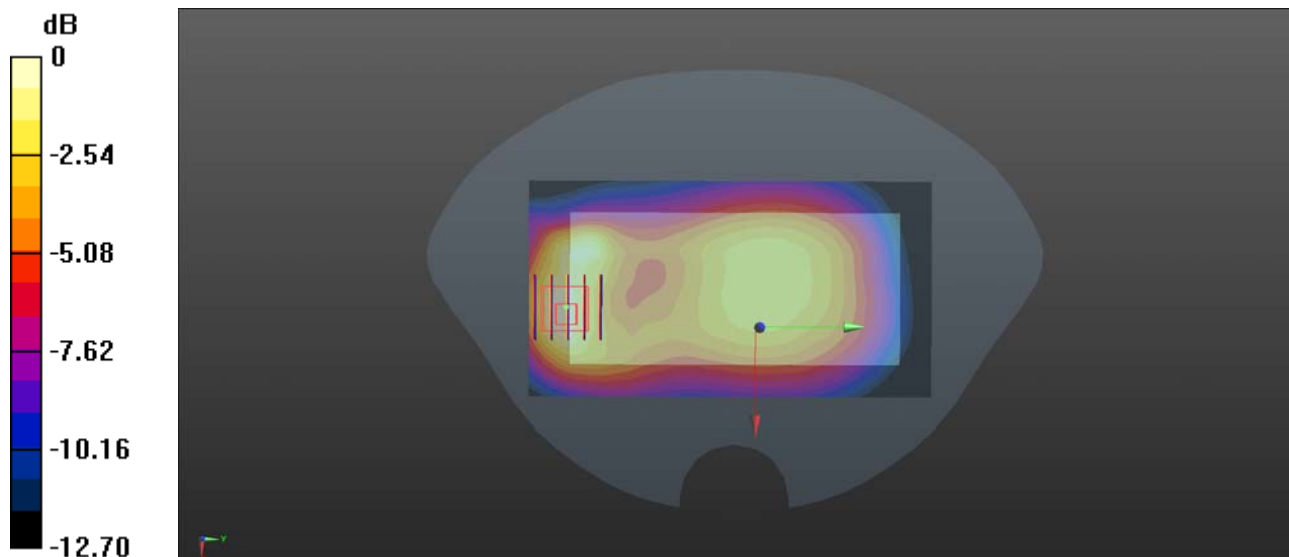
Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.81 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.284 W/kg



LTE Band 7_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch21350_Bottom Ant.

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

Medium: HSL_2600 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.941$ S/m; $\epsilon_r = 38.288$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21350/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.922 W/kg

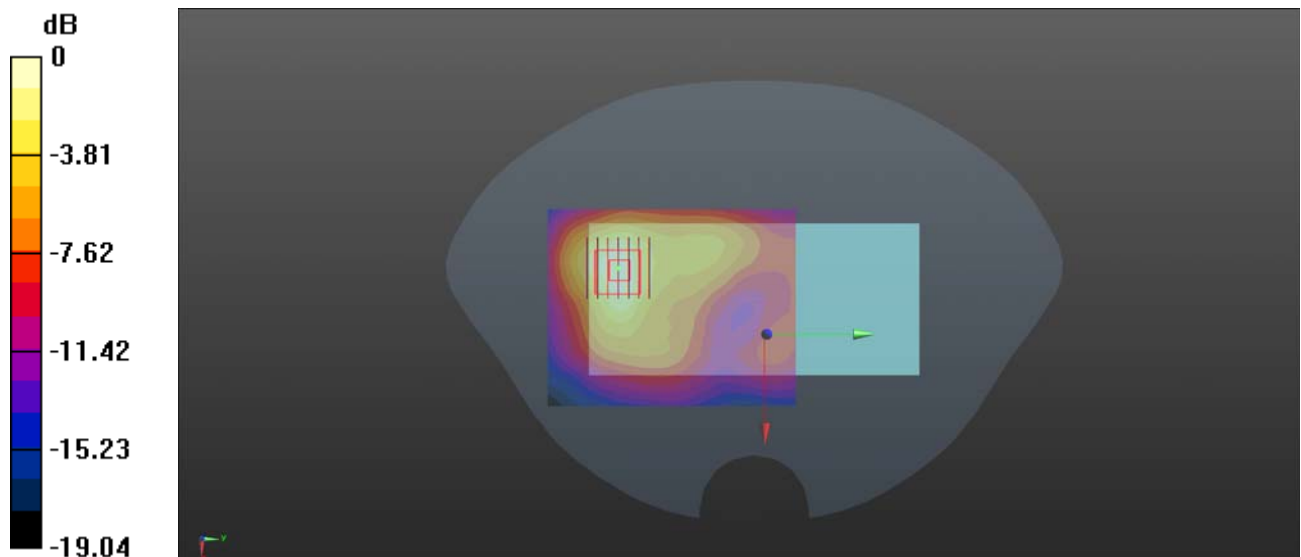
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.036 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.408 W/kg

Maximum value of SAR (measured) = 0.898 W/kg



0 dB = 0.898 W/kg

LTE Band 38_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch37850_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 2580 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600 Medium parameters used: $f = 2580$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 38.173$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7, 7, 7); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch37850/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.355 W/kg

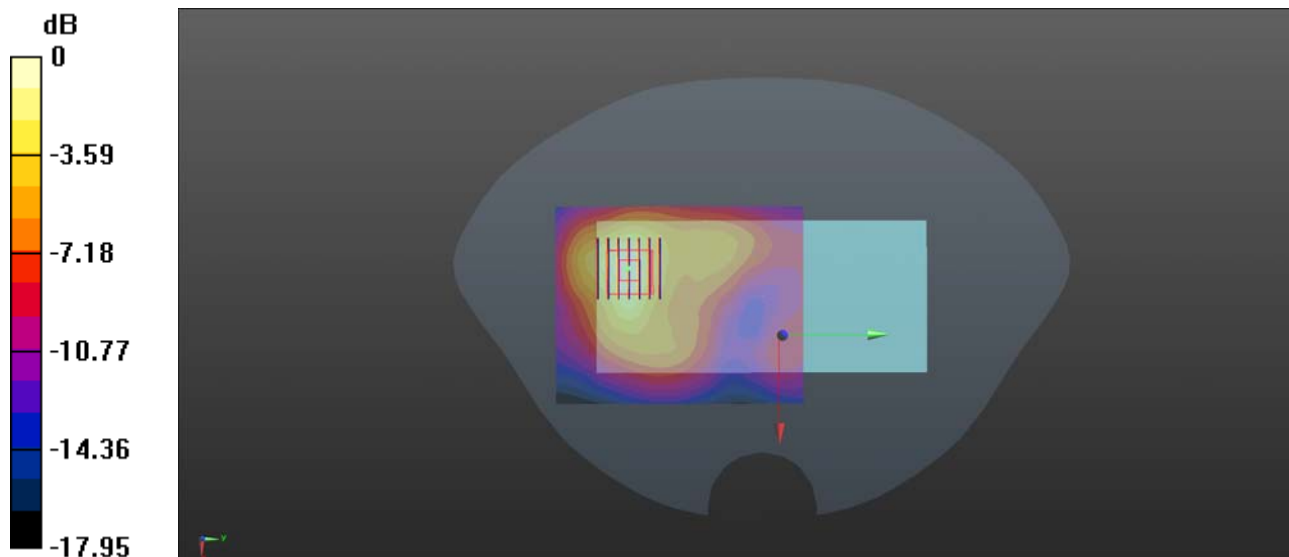
Ch37850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.945 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.620 W/kg

SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.351 W/kg



0 dB = 0.351 W/kg

LTE Band 40A_10MHz_QPSK_25RB_12Offset_Back Side_10mm_Ch38750_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1.59

Medium: HSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.66$ S/m; $\epsilon_r = 39.354$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.56, 7.56, 7.56); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38750/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.500 W/kg

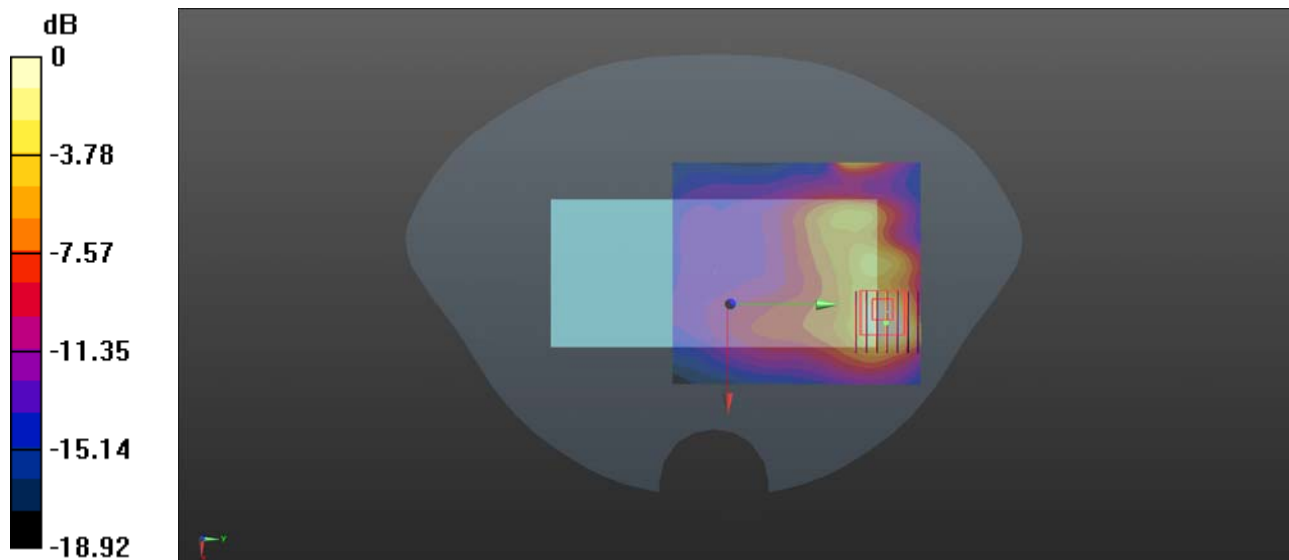
Ch38750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.495 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.584 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.420 W/kg



0 dB = 0.420 W/kg

LTE Band 40B_10MHz_QPSK_25RB_0Offset_Back Side_10mm_Ch39200_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 2355 MHz; Duty Cycle: 1:1.59

Medium: HSL_2300 Medium parameters used: $f = 2355$ MHz; $\sigma = 1.709$ S/m; $\epsilon_r = 39.181$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.56, 7.56, 7.56); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39200/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.479 W/kg

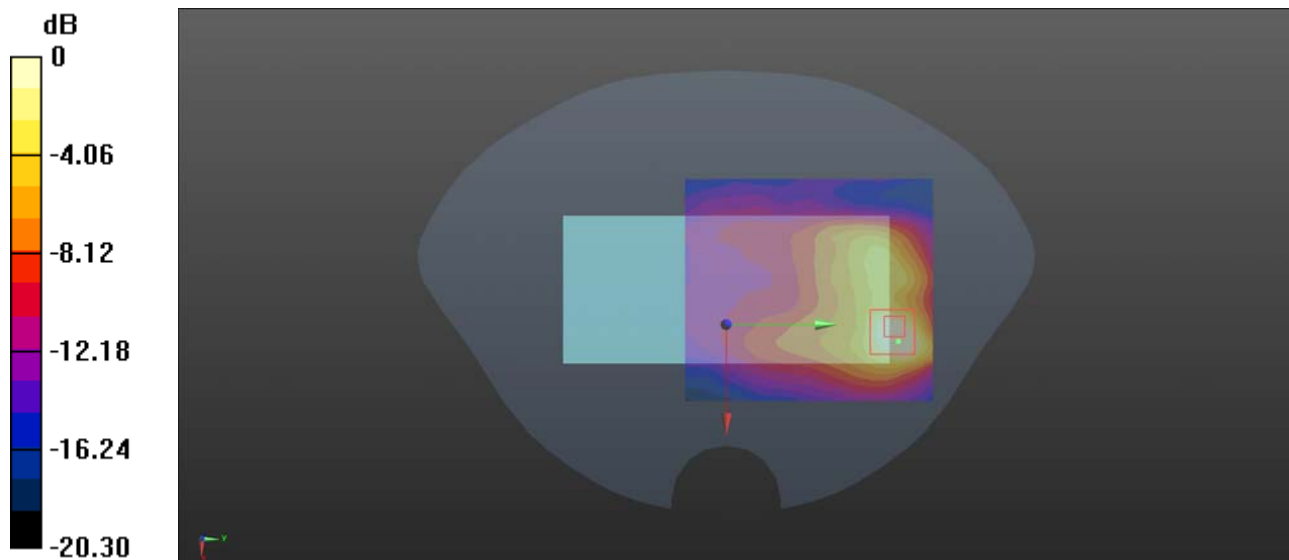
Ch39200/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.702 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.546 W/kg

SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.391 W/kg

LTE Band 41_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch40140_Bottom Ant.

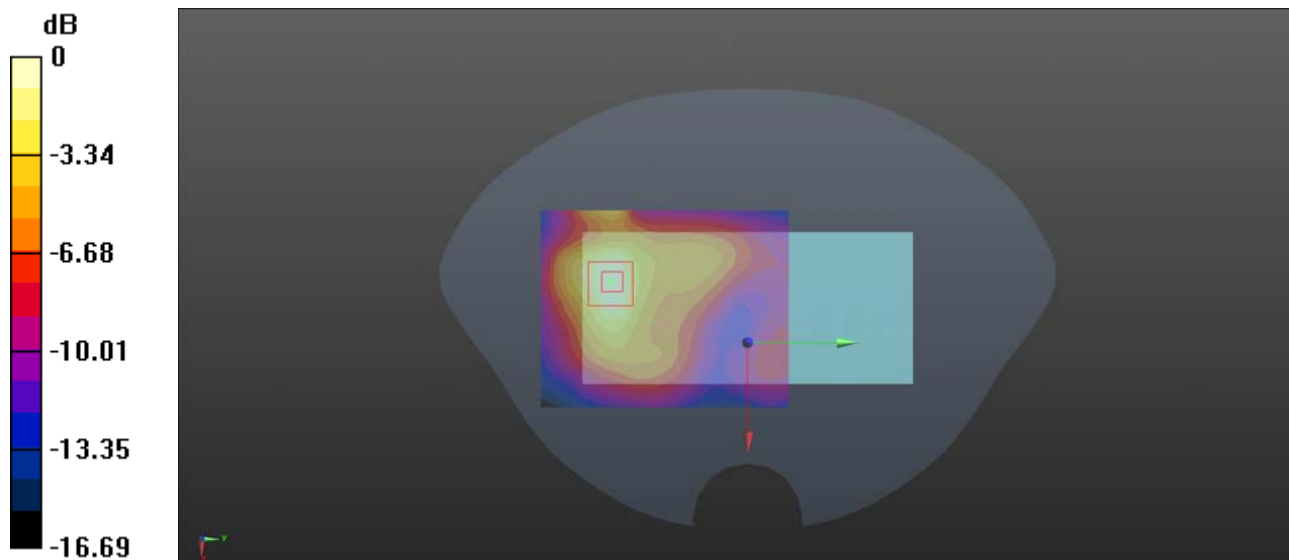
Communication System: UID 0, LTE (0); Frequency: 2545 MHz; Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: $f = 2545$ MHz; $\sigma = 1.924$ S/m; $\epsilon_r = 38.321$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40140/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.390 W/kg

Ch40140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.630 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.650 W/kg
SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.174 W/kg
Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.381 W/kg

WLAN 2.4GHz_802.11 b 1Mbps_Back Side_10mm_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 38.902$; $\rho = 1000$
kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.144 W/kg

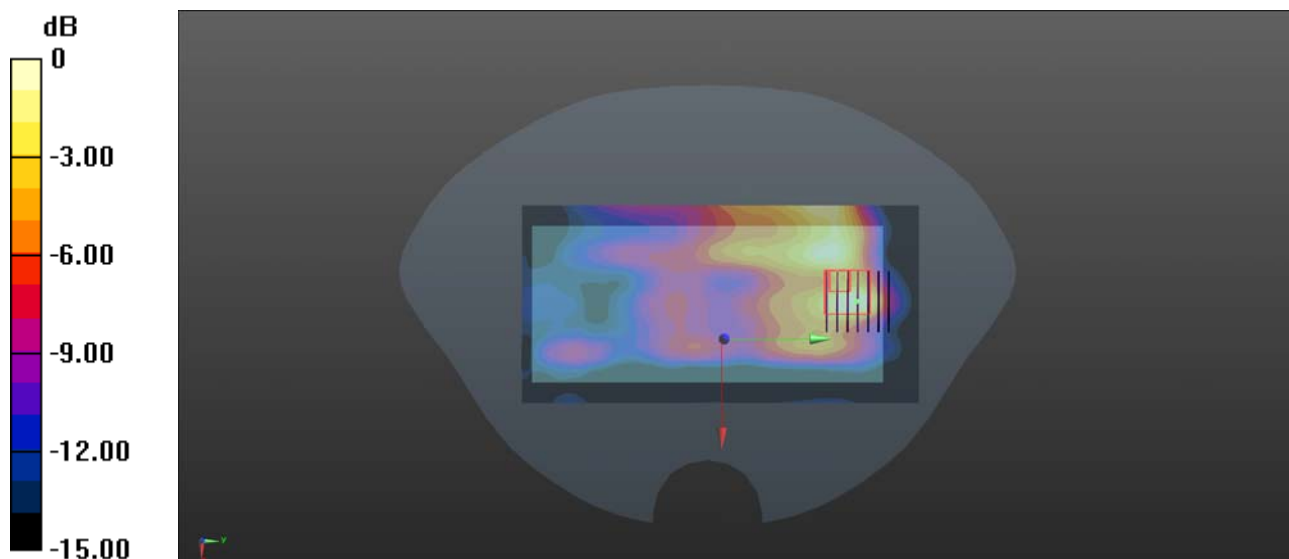
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.121 V/m; Power Drift = 0.68 dB

Peak SAR (extrapolated) = 0.342 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.186 W/kg



WLAN 5.2GHz_802.11n HT40 MCS0_Back Side_10mm_Ch46

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5230 MHz;Duty Cycle: 1:1
Medium: HSL_5250 Medium parameters used: $f = 5230 \text{ MHz}$; $\sigma = 4.513 \text{ S/m}$; $\epsilon_r = 34.987$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.29, 5.29, 5.29); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch46/Area Scan (101x111x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 0.419 W/kg

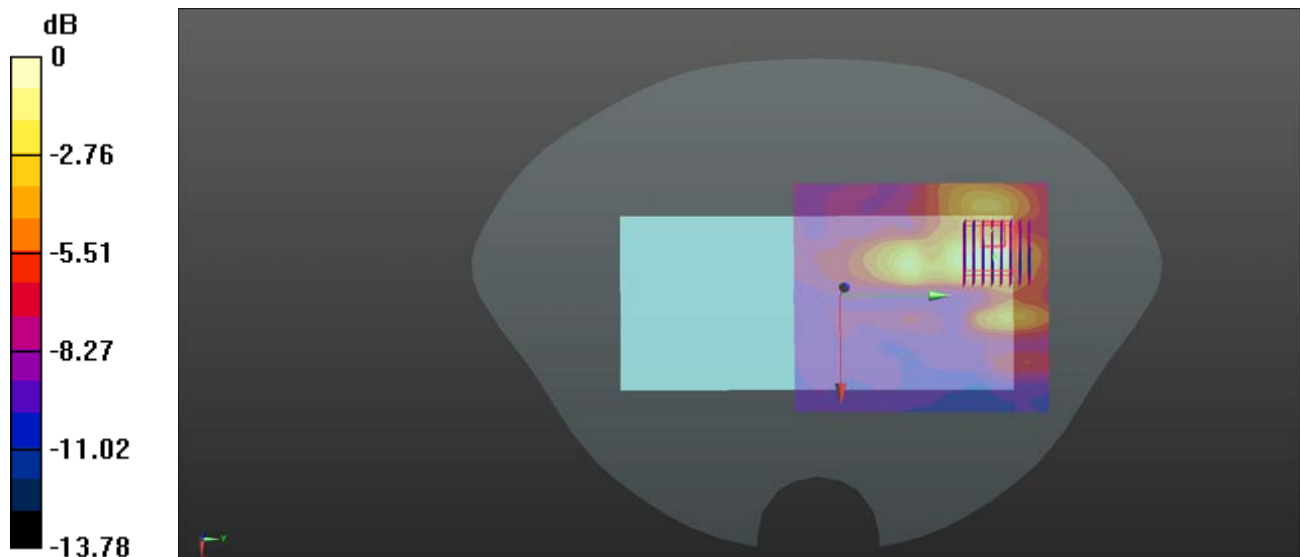
Ch46/Zoom Scan (8x8x15)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 3.788 V/m; Power Drift = -1.83 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.514 W/kg



0 dB = 0.419 W/kg

WLAN 5.8GHz_802.11n HT40 MCS0_Back Side_10mm_Ch159

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5795 MHz;Duty Cycle: 1:1
Medium: HSL_5750 Medium parameters used: $f = 5795$ MHz; $\sigma = 5.074$ S/m; $\epsilon_r = 34.21$; $\rho = 1000$ kg/m³

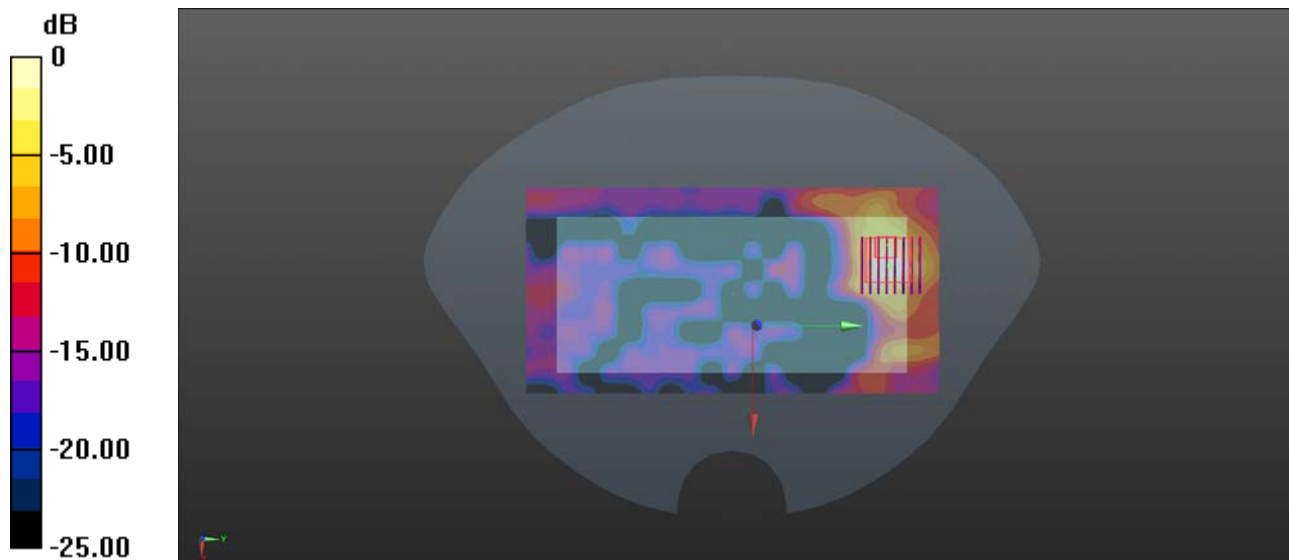
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.59, 4.59, 4.59); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch159/Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.266 W/kg

Ch159/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.7740 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.076 W/kg
Maximum value of SAR (measured) = 0.291 W/kg



0 dB = 0.291 W/kg

WLAN 5.3GHz_802.11n HT40 MCS0_Back Side_0mm_Ch62

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5310 MHz;Duty Cycle: 1:1.042
Medium: HSL_5250 Medium parameters used: $f = 5310$ MHz; $\sigma = 4.865$ S/m; $\epsilon_r = 35.189$; $\rho = 1000$ kg/m³

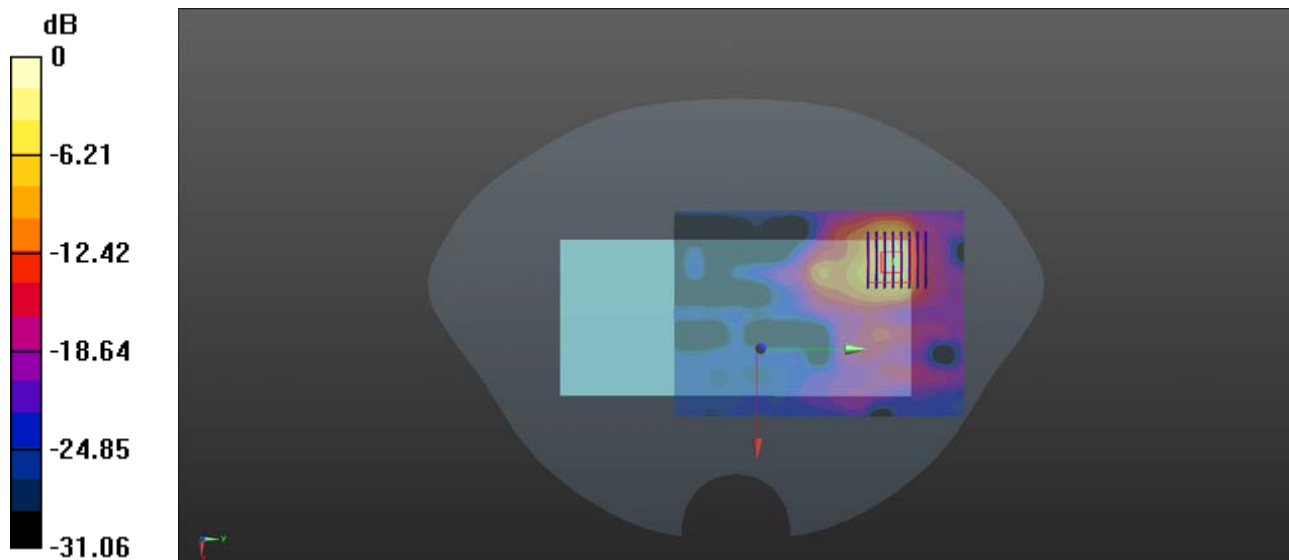
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.29, 5.29, 5.29); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch62/Area Scan (101x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.08 W/kg

Ch62/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.5730 V/m; Power Drift = 5.76 dB
Peak SAR (extrapolated) = 13.7 W/kg
SAR(1 g) = 2.54 W/kg; SAR(10 g) = 0.594 W/kg
Maximum value of SAR (measured) = 3.24 W/kg



0 dB = 3.24 W/kg

WLAN 5.5GHz_802.11n HT40 MCS0_Back Side_0mm_Ch102

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5510 MHz;Duty Cycle: 1:1.042
Medium: HSL_5600 Medium parameters used: $f = 5720$ MHz; $\sigma = 4.83$ S/m; $\epsilon_r = 36.12$; $\rho = 1000$ kg/m³

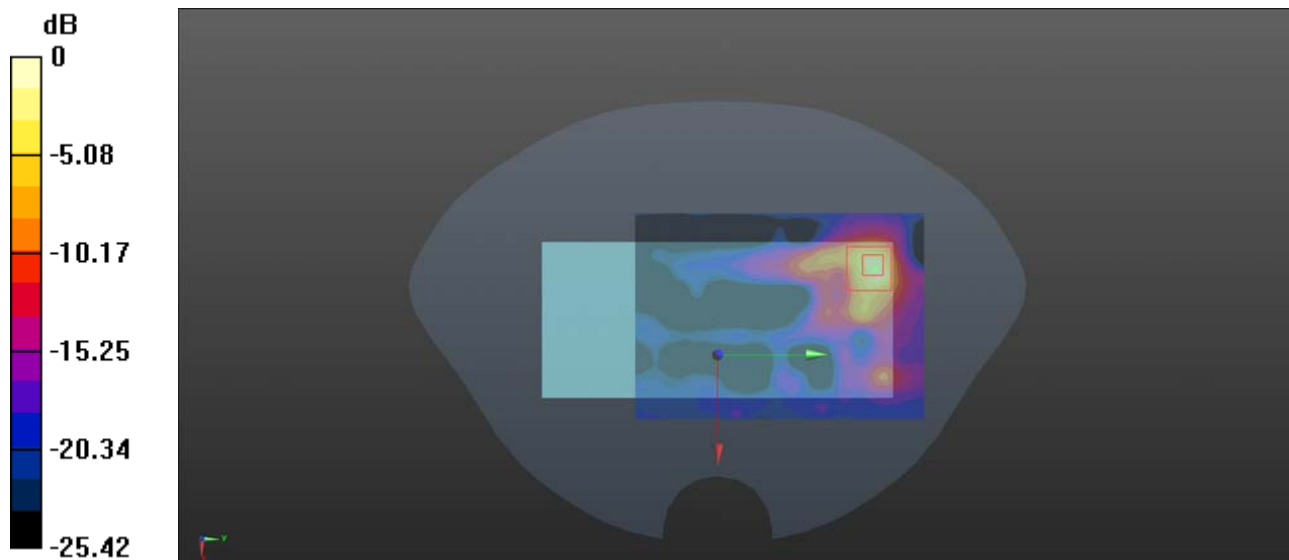
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.59, 4.59, 4.59); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch102/Area Scan (101x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Ch102/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 6.90 W/kg
SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.322 W/kg
Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg