



REPORT No. : SZ19070119S01

Annex D Plots of Maximum SAR Test Results

GSM850_GPRS(3 TX slots)_Right Cheek_Ch189_Top Ant

Communication System: UID 0, GSM850(class 11) (0); Frequency: 836.4 MHz;Duty Cycle: 1:2.77
Medium: HSL_835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.033$; $\rho = 1000$ kg/m³

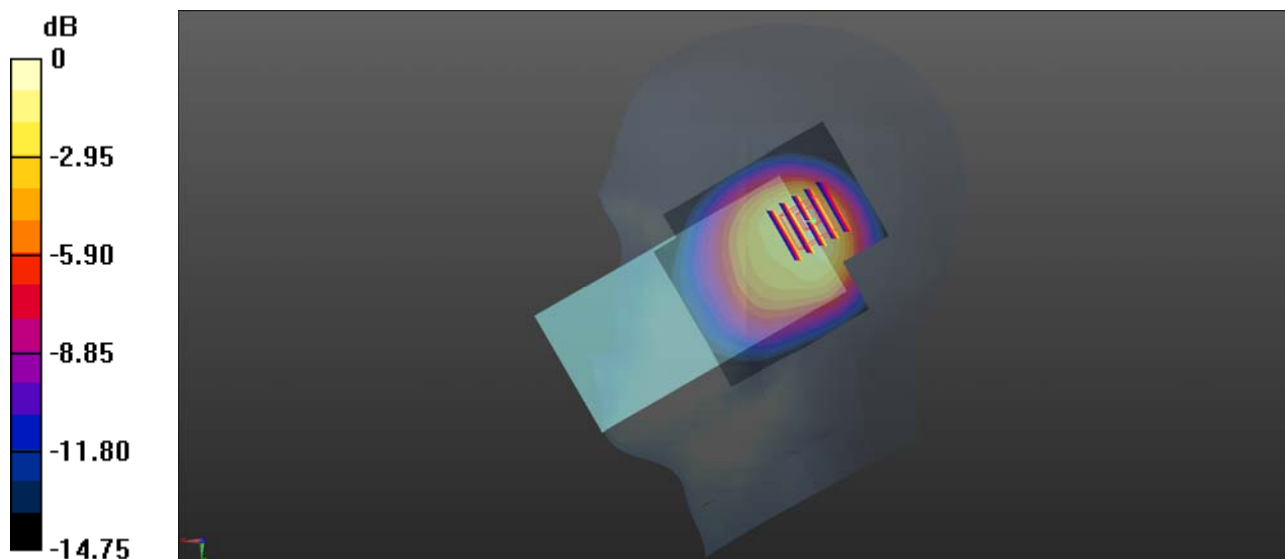
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.65 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.493 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.01 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; $\sigma = 1.327$ S/m; $\epsilon_r = 40.089$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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) = 0.955 W/kg

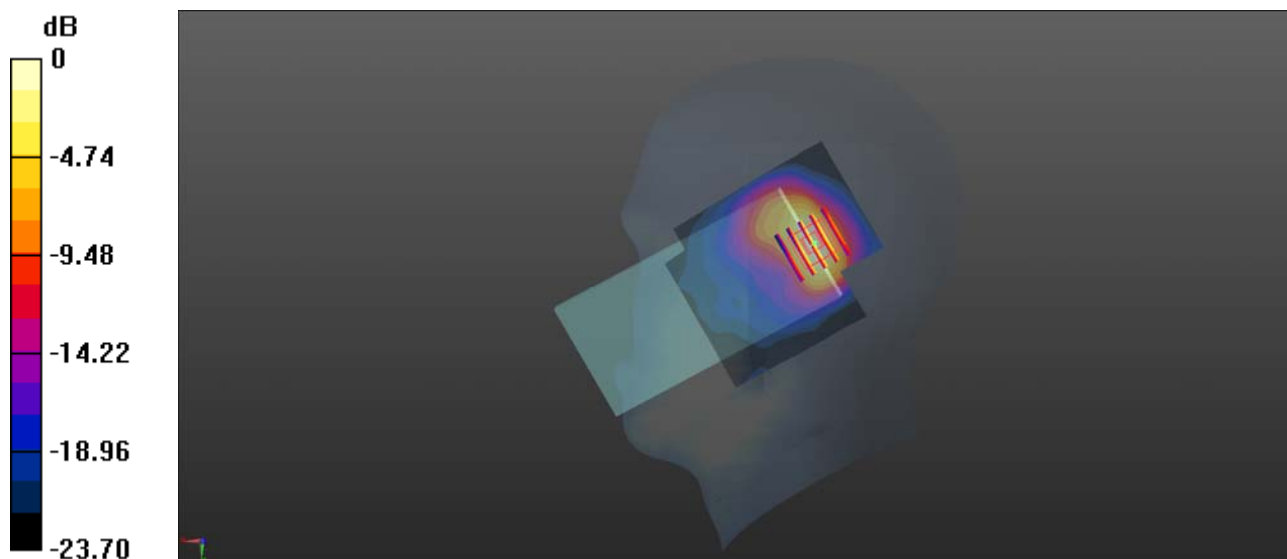
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.12 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.413 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 0.955 W/kg

WCDMA Band II_RMC 12.2Kbps_Left Tilt_Ch9538_Top Ant

Communication System: UID 0, UMTS-FDD (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 39.922$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

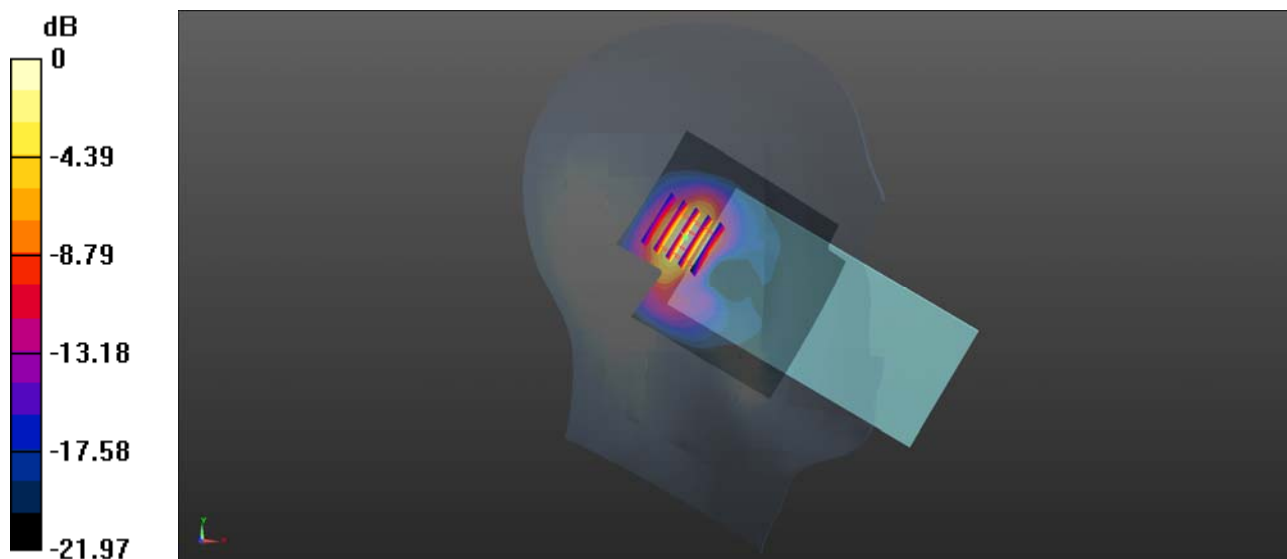
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.20 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.929 W/kg; SAR(10 g) = 0.439 W/kg

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



0 dB = 1.14 W/kg

WCDMA Band IV_RMC 12.2Kbps_Right Tilt_Ch1413_Top Ant

Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 40.065$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1413/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

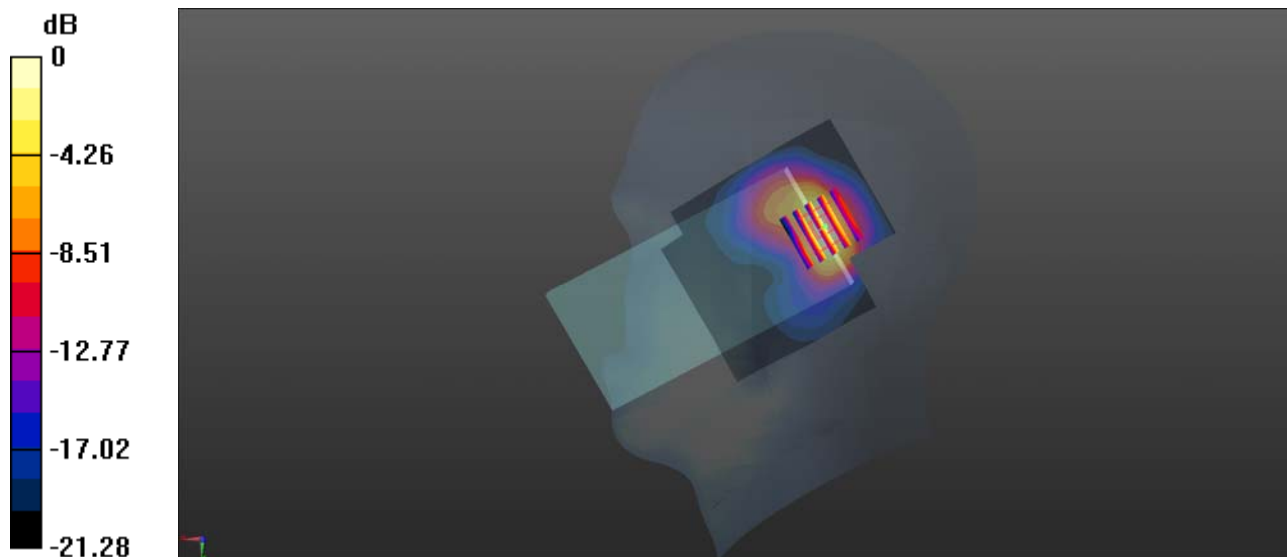
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.40 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.348 W/kg

Maximum value of SAR (measured) = 0.822 W/kg



0 dB = 0.824 W/kg

WCDMA Band V_RMC 12.2Kbps_Right Cheek_Ch4183_Top Ant

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 837$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 40.944$; $\rho = 1000$ kg/m³

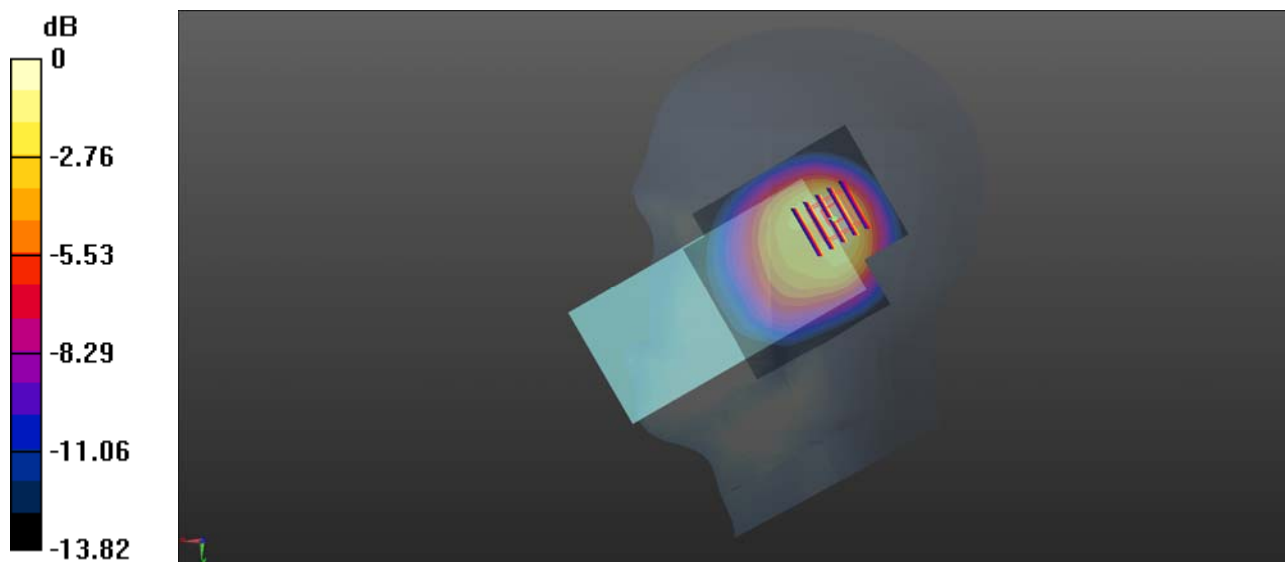
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4183/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.715 W/kg

Ch4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.38 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.339 W/kg
Maximum value of SAR (measured) = 0.724 W/kg



0 dB = 0.715 W/kg

CDMA2000 BC0_RC3 SO55_Right Cheek_Ch384_Top Ant

Communication System: UID 0, CDMA 2000 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 837$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 40.944$; $\rho = 1000$ kg/m³

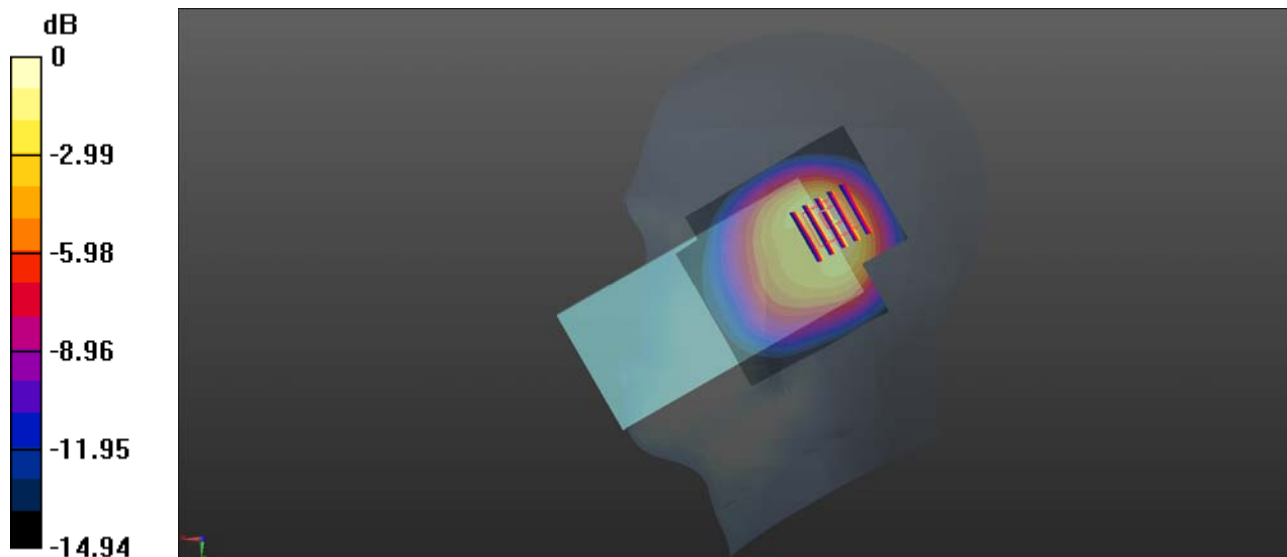
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch384/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.924 W/kg

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.67 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.830 W/kg; SAR(10 g) = 0.432 W/kg
Maximum value of SAR (measured) = 0.924 W/kg



0 dB = 0.924 W/kg

CDMA2000 BC1_RC3 SO55_Left Tilt_Ch25_Top Ant

Communication System: UID 0, CDMA 2000 (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1
 Medium: HSL_1900 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.328$ S/m; $\epsilon_r = 40.03$; $\rho = 1000$ kg/m³

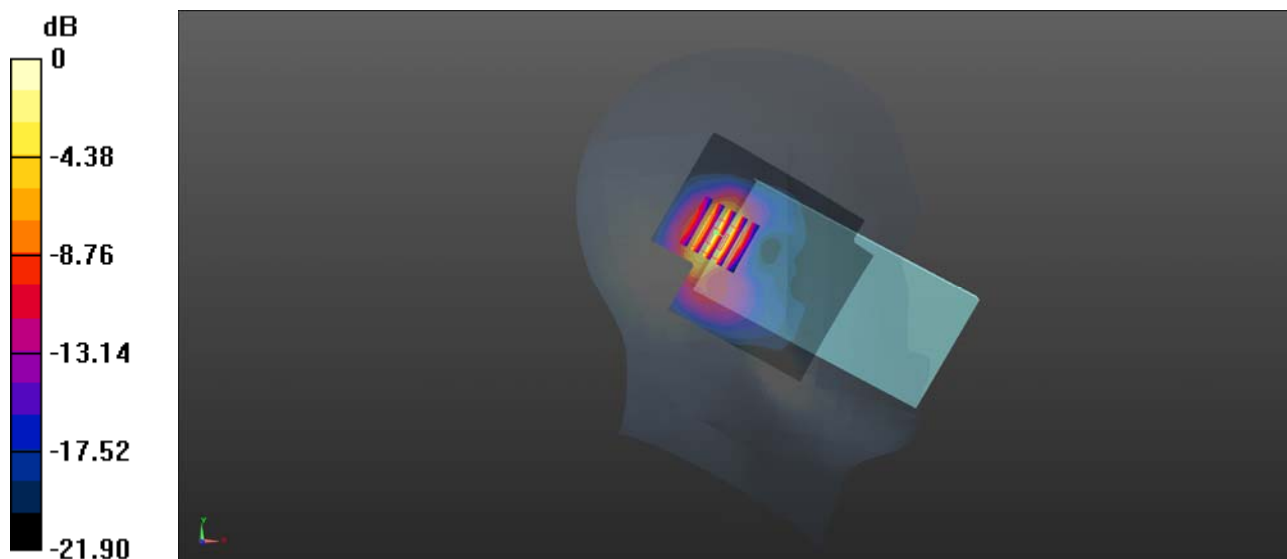
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch25/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.852 W/kg

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 19.65 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.337 W/kg
 Maximum value of SAR (measured) = 0.777 W/kg



LTE Band 2_20MHz_QPSK_1RB_99Offset_Left Tilt_Ch18900_Top Ant

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

Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.167$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

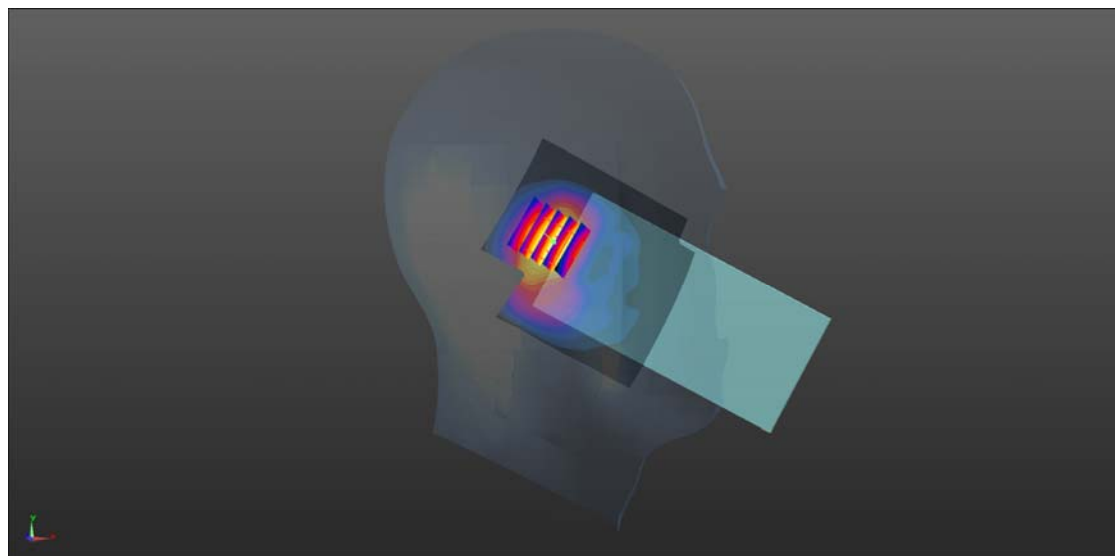
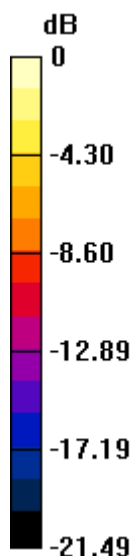
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.96 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.910 W/kg; SAR(10 g) = 0.435 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

LTE Band 4_20MHz_QPSK_1RB_0Offset_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; $\sigma = 1.384$ S/m; $\epsilon_r = 40.046$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- 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) = 0.900 W/kg

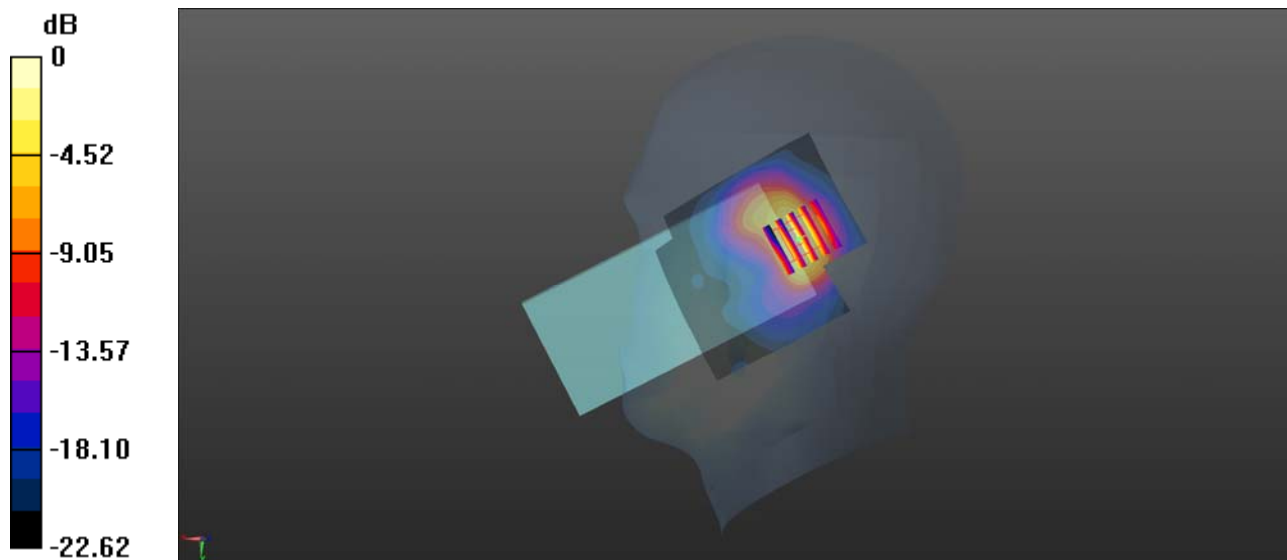
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.47 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.362 W/kg

Maximum value of SAR (measured) = 0.861 W/kg



0 dB = 0.900 W/kg

LTE Band 5_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch20525_Top Ant

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

Medium: HSL_835 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.018$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

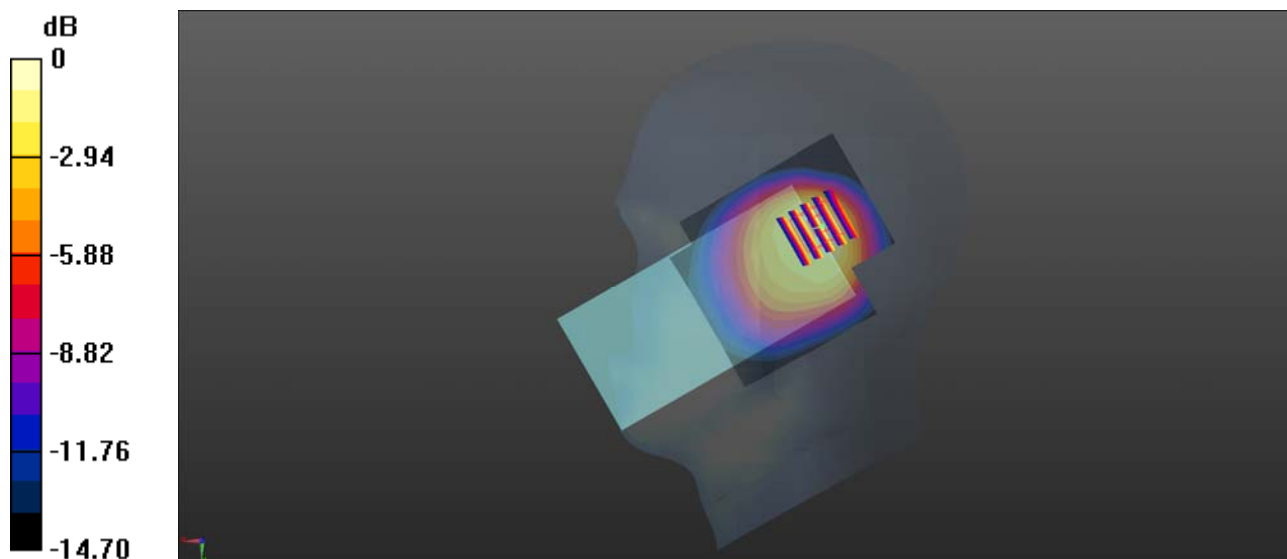
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.73 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.369 W/kg

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



0 dB = 0.755 W/kg

LTE Band 7_20MHz_QPSK_1RB_49Offset_Right Cheek_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; $\sigma = 1.931$ S/m; $\epsilon_r = 39.739$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(6.98, 6.98, 6.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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 (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

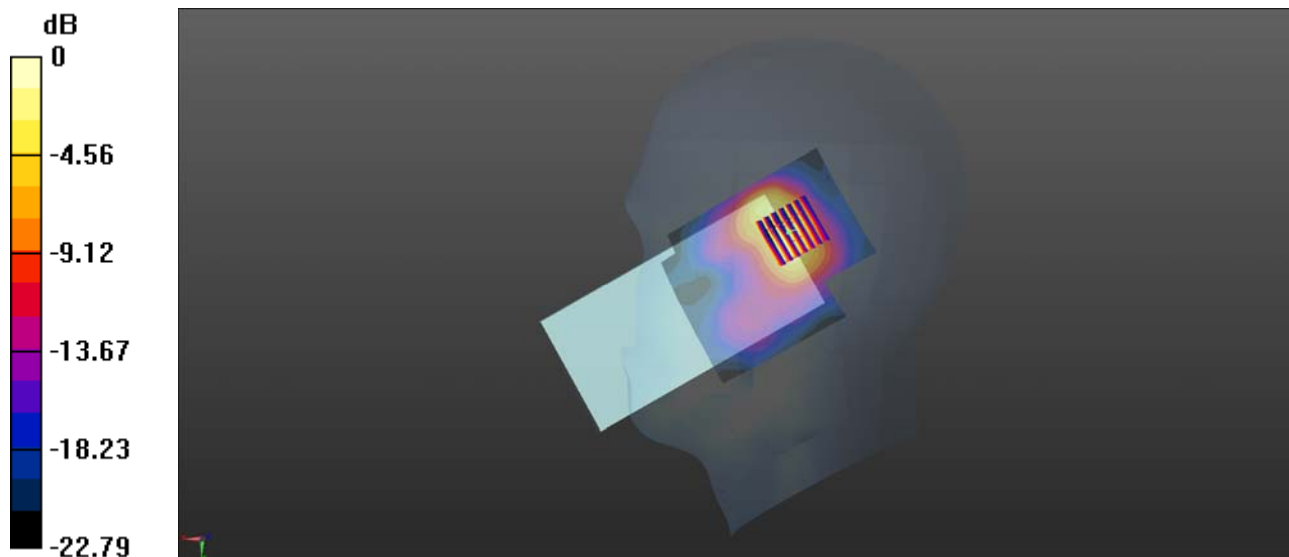
Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.91 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.03 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.435 W/kg

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



0 dB = 1.29 W/kg

LTE Band 12_10MHz_QPSK_1RB_49Offset_Right Cheek_Ch23130_Top Ant

Communication System: UID 0, LTE (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 41.775$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(6.34, 6.34, 6.34); Calibrated: 2019.07.16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23130/Area Scan (71x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0932 W/kg

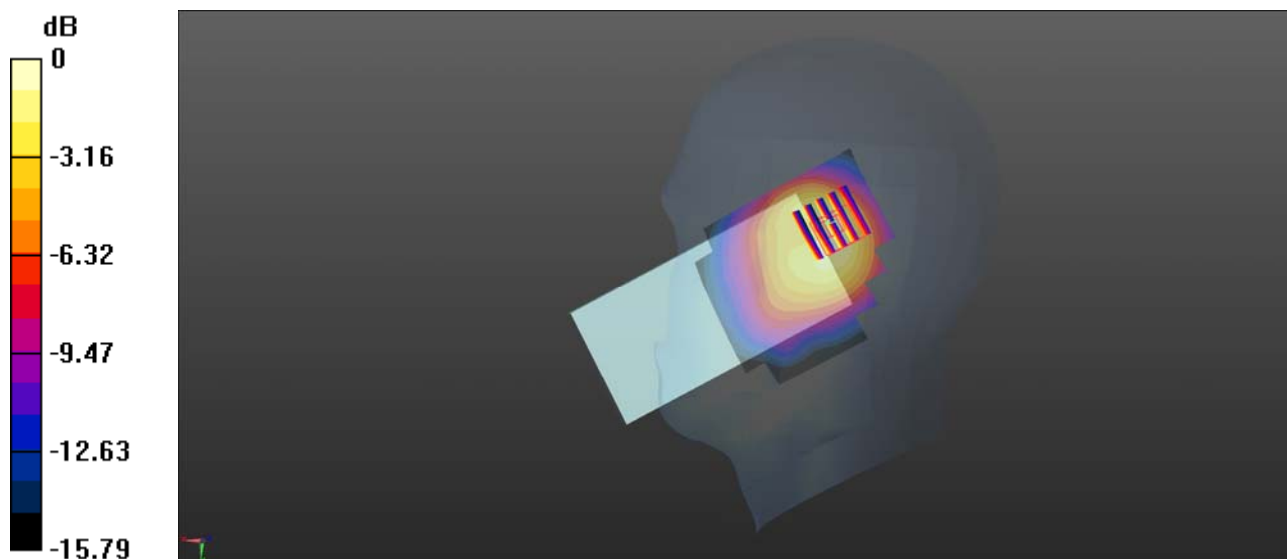
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.880 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0911 W/kg



0 dB = 0.0932 W/kg

LTE Band 17_10MHz_QPSK_1RB_25Offset_Right Cheek_Ch23780_Top Ant

Communication System: UID 0, LTE (0); Frequency: 709 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 709 \text{ MHz}$; $\sigma = 0.868 \text{ S/m}$; $\epsilon_r = 41.785$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(6.34, 6.34, 6.34); Calibrated: 2019.07.16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23780/Area Scan (71x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0942 W/kg

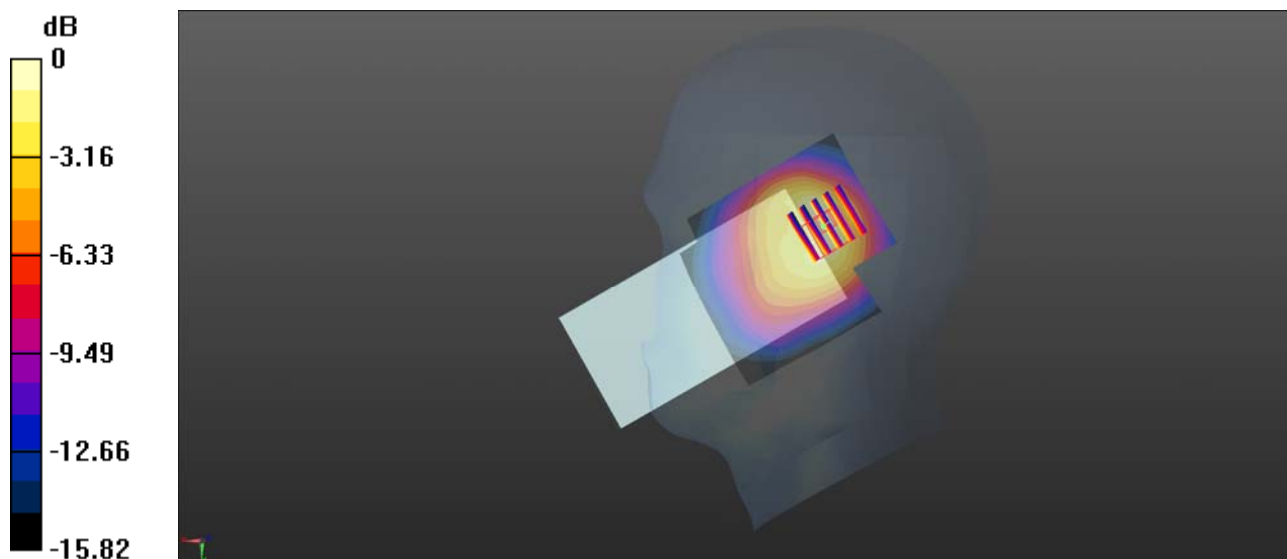
Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.471 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.0945 W/kg



0 dB = 0.0942 W/kg

LTE Band 18_15MHz_QPSK_1RB_0Offset_Right Cheek_Ch23925_Top Ant

Communication System: UID 0, LTE (0); Frequency: 822.5 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 822.5$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 41.254$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23925/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.783 W/kg

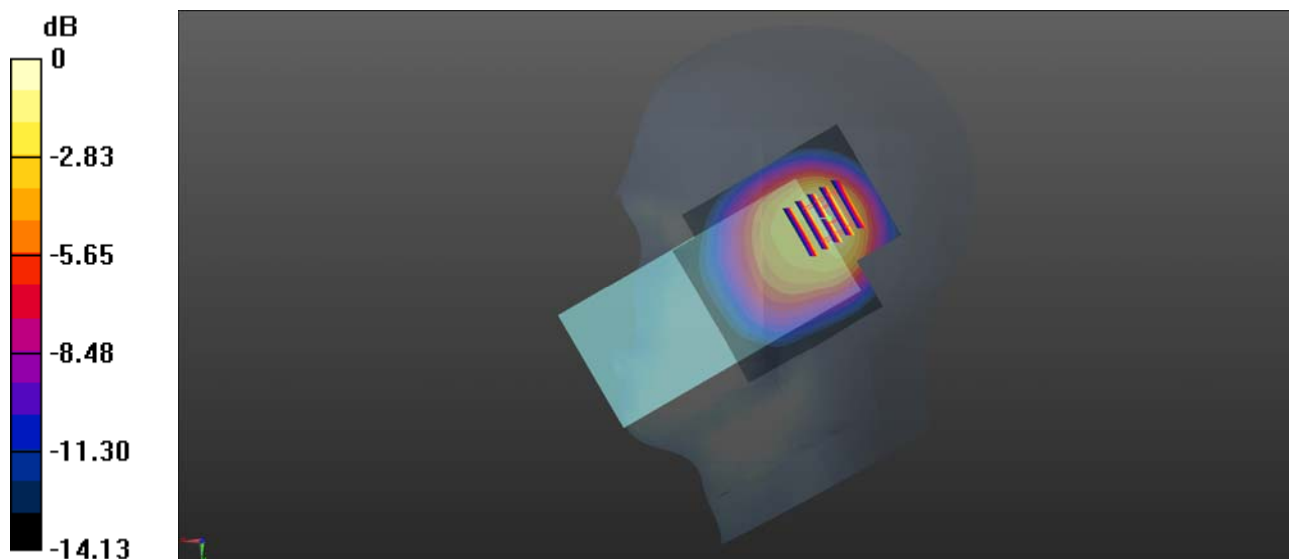
Ch23925/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.78 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.365 W/kg

Maximum value of SAR (measured) = 0.772 W/kg



0 dB = 0.783 W/kg

LTE Band 19_15MHz_QPSK_1RB_0Offset_Right Cheek_Ch24075_Top Ant

Communication System: UID 0, LTE (0); Frequency: 837.5 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 837.5$ MHz; $\sigma = 0.906$ S/m; $\epsilon_r = 41.02$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch24075/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.930 W/kg

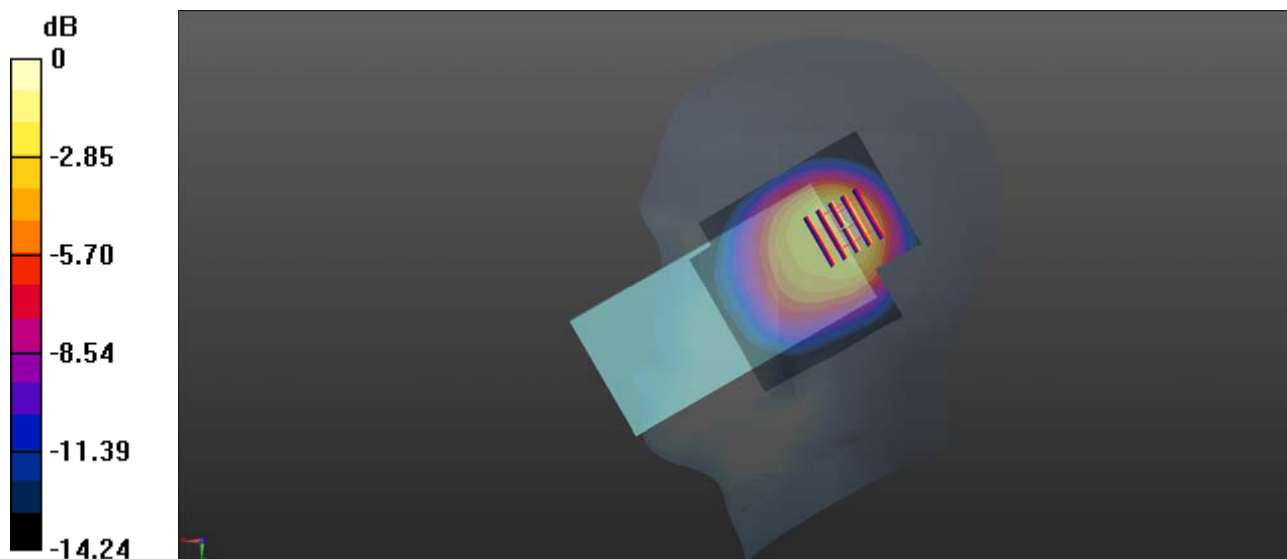
Ch24075/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.21 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.434 W/kg

Maximum value of SAR (measured) = 0.924 W/kg



LTE Band 25_20MHz_QPSK_1RB_0Offset_Left Tilt_Ch26365_Top Ant

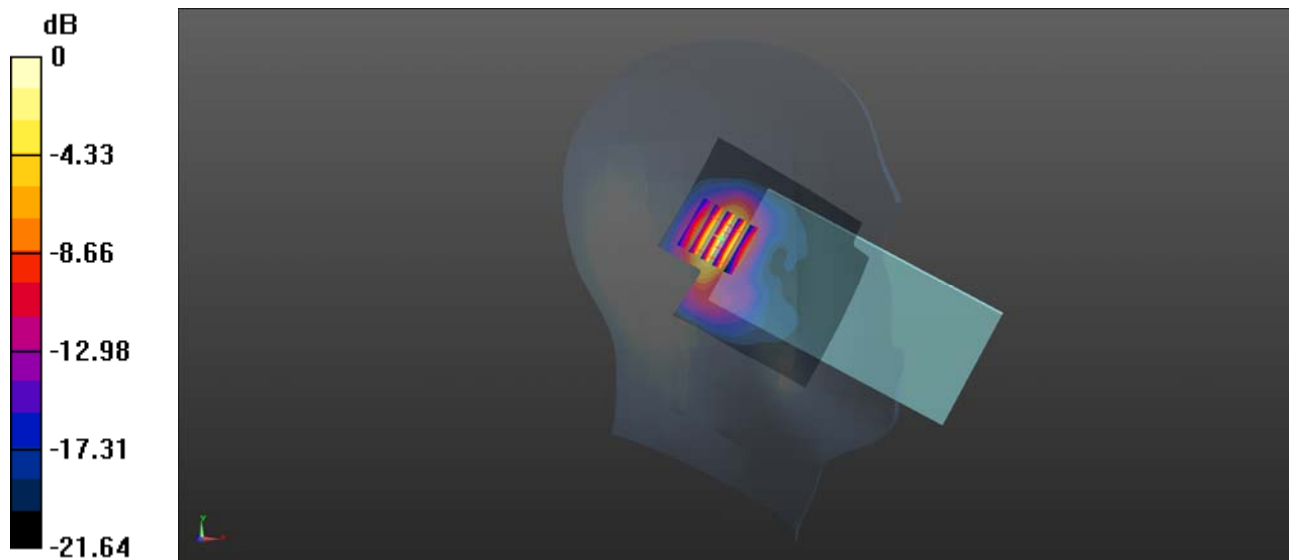
Communication System: UID 0, LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.123$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26365/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.46 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.986 W/kg; SAR(10 g) = 0.461 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.17 W/kg

LTE Band 26_15MHz_QPSK_1RB_0Offset_Right Cheek_Ch26965_Top Ant

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 41.14$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26965/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.775 W/kg

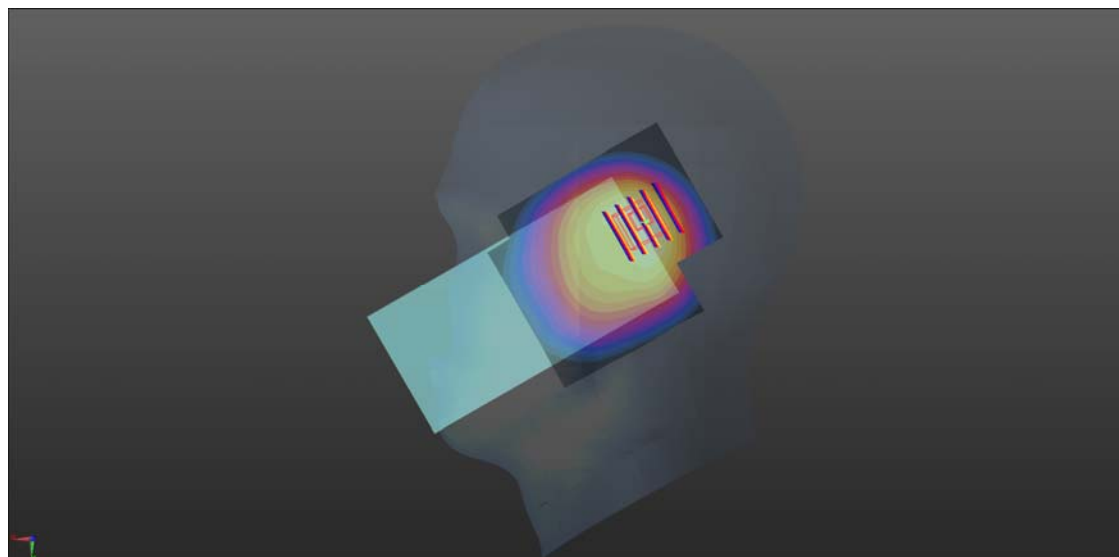
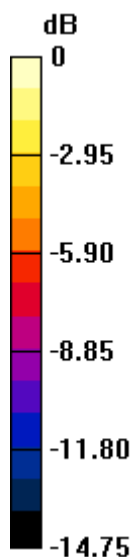
Ch26965/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.73 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.392 W/kg

Maximum value of SAR (measured) = 0.808 W/kg



0 dB = 0.775 W/kg

LTE Band 30_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch27710_Top Ant

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

Medium: HSL_2600 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.696$ S/m; $\epsilon_r = 40.718$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(6.98, 6.98, 6.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch27710/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

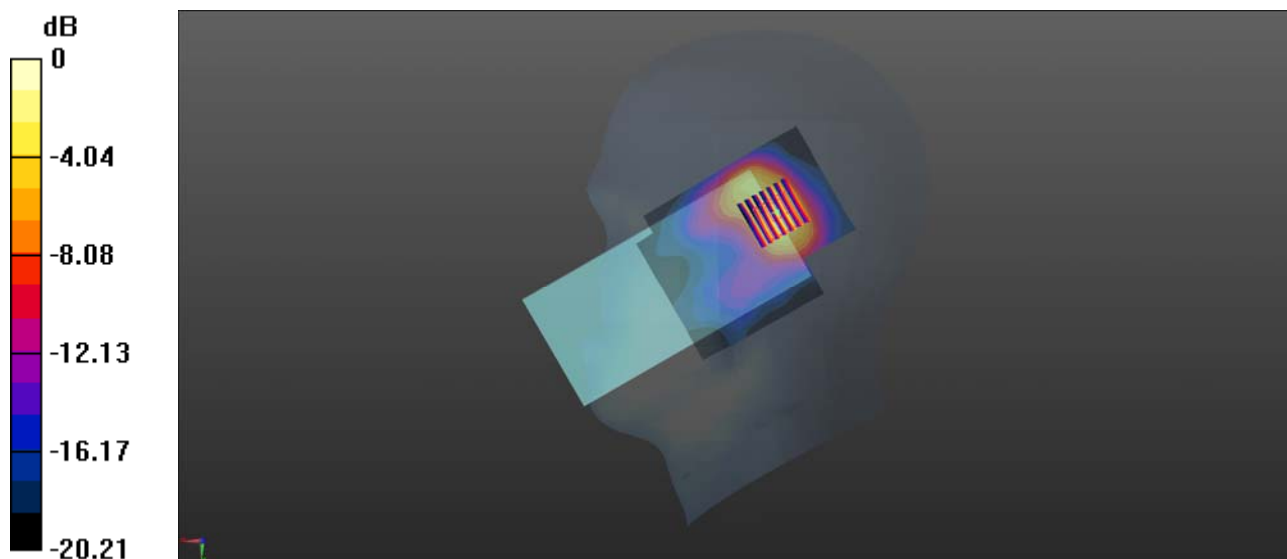
Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.29 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.392 W/kg

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



LTE Band 66_20MHz_QPSK_1RB_0Offset_Right Tilt_Ch132572_Top Ant

Communication System: UID 0, LTE (0); Frequency: 1770 MHz; Duty Cycle: 1:1.59

Medium: HSL_1750 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.395$ S/m; $\epsilon_r = 40.015$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132572/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.966 W/kg

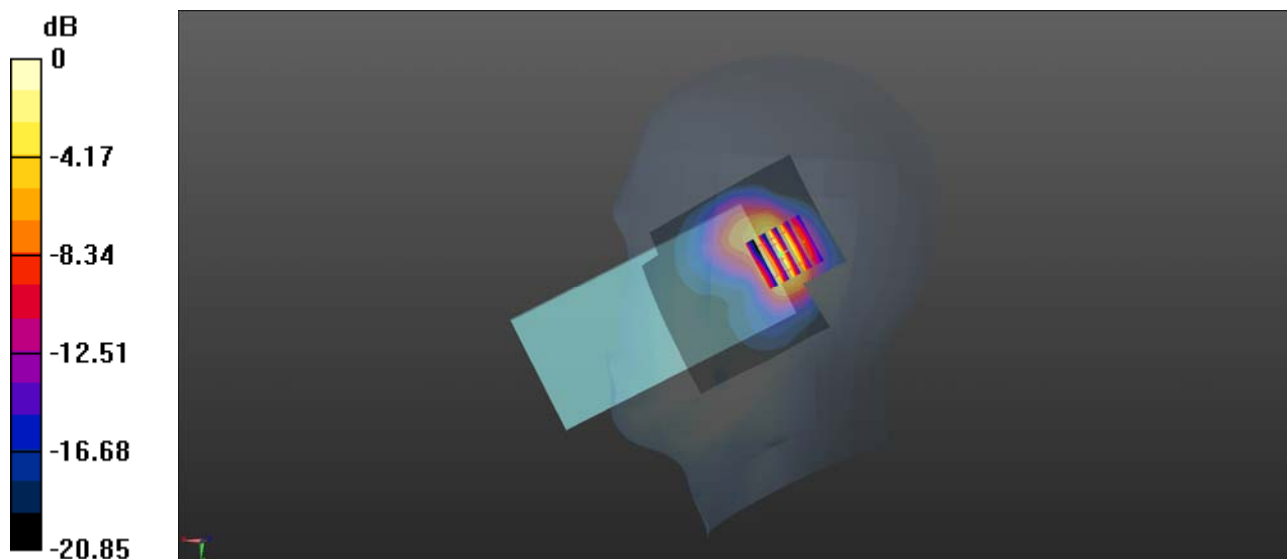
Ch132572/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.26 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.862 W/kg; SAR(10 g) = 0.401 W/kg

Maximum value of SAR (measured) = 0.960 W/kg



0 dB = 0.966 W/kg

LTE Band 38_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch38150_Top Ant

Communication System: UID 0, LTE (0); Frequency: 2610 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600 Medium parameters used: $f = 2610$ MHz; $\sigma = 2.047$ S/m; $\epsilon_r = 39.231$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(6.98, 6.98, 6.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.470 W/kg

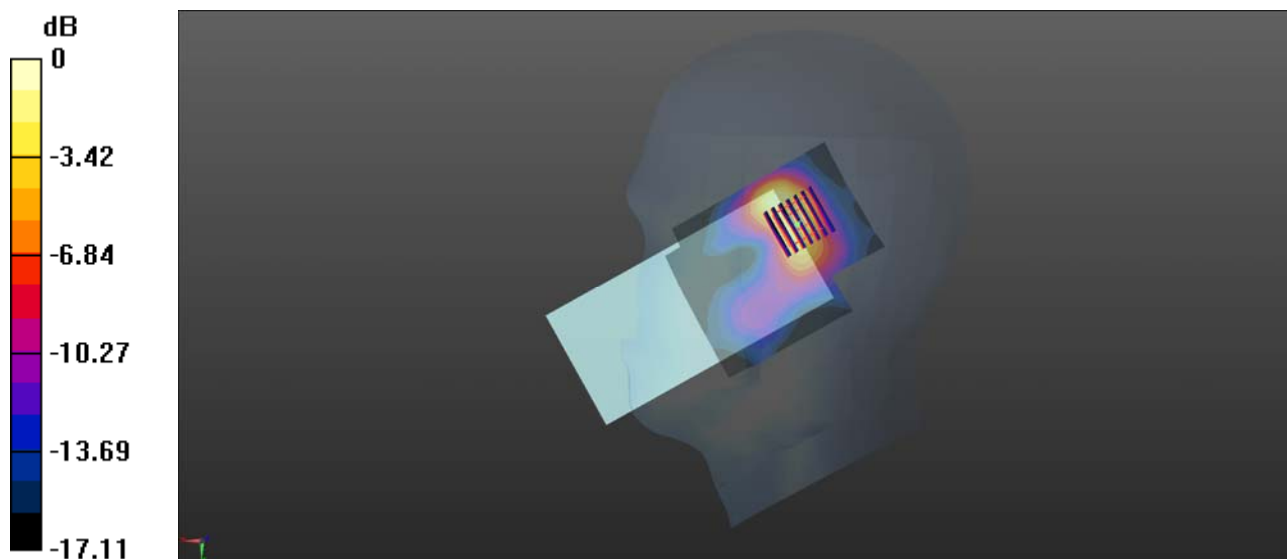
Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.06 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.505 W/kg



0 dB = 0.470 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: 1:1.59

Medium: HSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.696$ S/m; $\epsilon_r = 40.718$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(6.98, 6.98, 6.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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 (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.784 W/kg

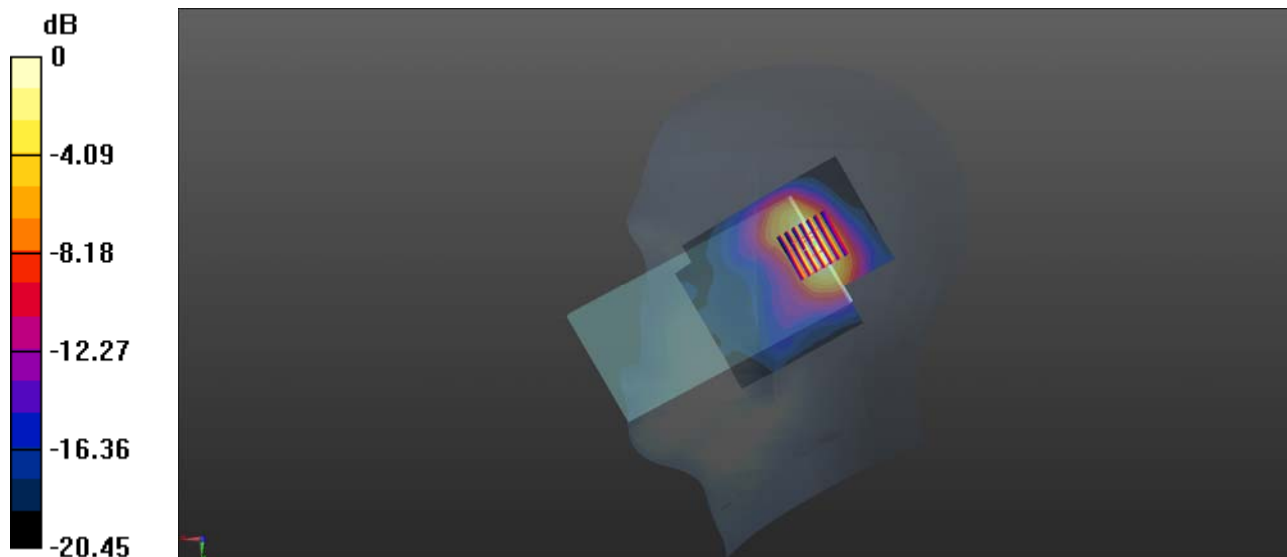
Ch38750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.91 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.351 W/kg

Maximum value of SAR (measured) = 0.869 W/kg



0 dB = 0.784 W/kg

LTE Band 40B_10MHz_QPSK_1RB_25Offset_Right Tilt_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; $\sigma = 1.744$ S/m; $\epsilon_r = 40.279$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(6.98, 6.98, 6.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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 (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.842 W/kg

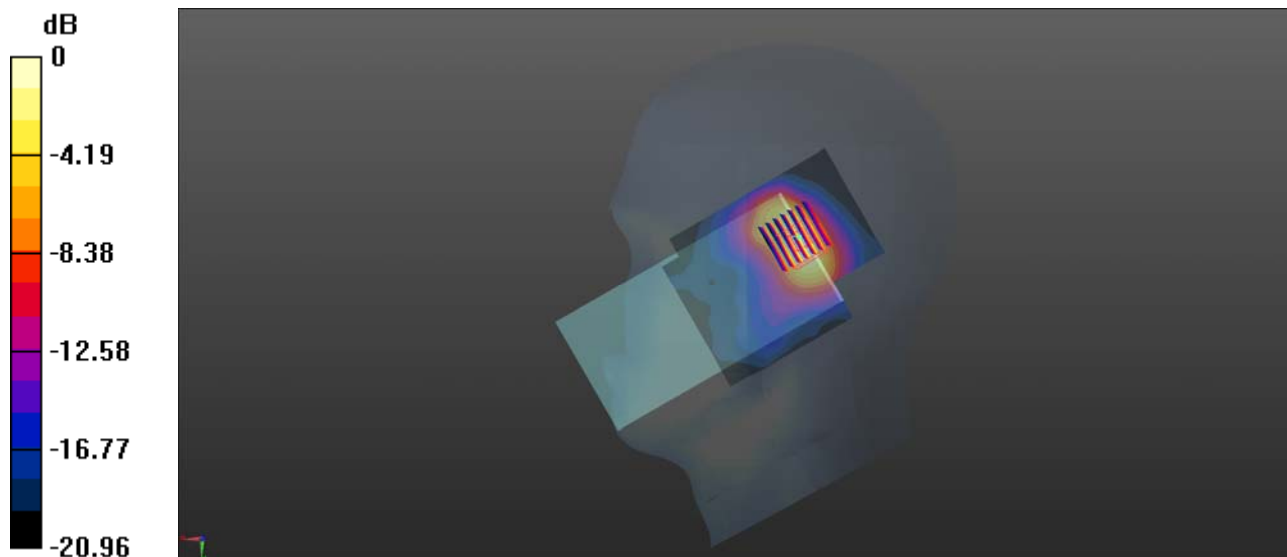
Ch39200/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.86 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (measured) = 0.880 W/kg



0 dB = 0.842 W/kg

LTE Band 41_20MHz_QPSK_1RB_99Offset_Right Tilt_Ch40340_Top Ant

Communication System: UID 0, LTE (0); Frequency: 2565 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600 Medium parameters used: $f = 2565$ MHz; $\sigma = 1.99$ S/m; $\epsilon_r = 39.526$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(6.98, 6.98, 6.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40340/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.438 W/kg

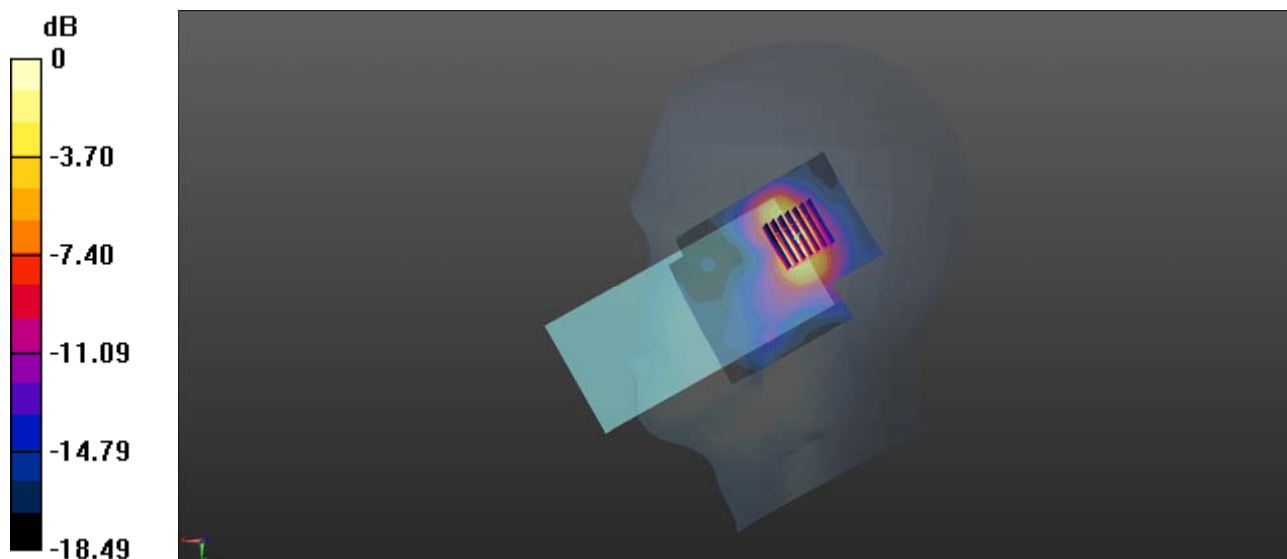
Ch40340/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.22 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.463 W/kg



0 dB = 0.438 W/kg

WLAN 2.4GHz_802.11b 1Mbps_Left Tilt_Ch1_Ant 0

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 40.964$; $\rho = 1000$

kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.34, 7.34, 7.34); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

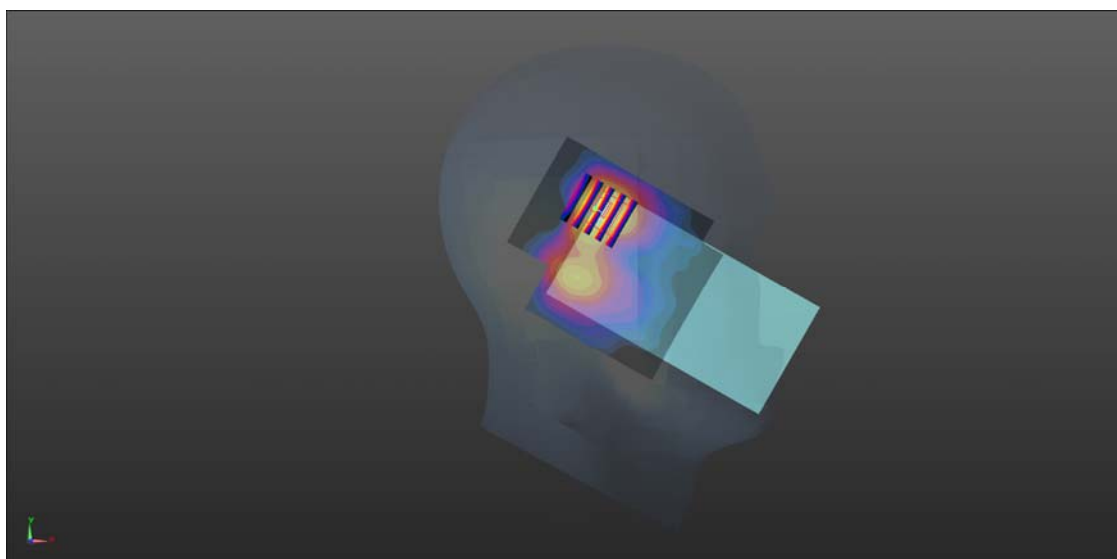
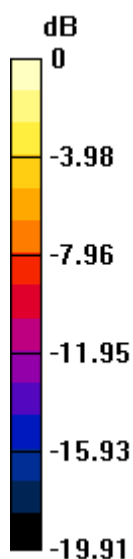
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.887 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 0.469 W/kg



0 dB = 0.545 W/kg

WLAN 5GHz Band 1_802.11n-HT40 MCS0_Left Tilt_Ch38_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5190 MHz;Duty Cycle: 1:1
Medium: HSL_5250 Medium parameters used: $f = 5190$ MHz; $\sigma = 4.63$ S/m; $\epsilon_r = 36.15$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.6, 4.6, 4.6); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.253 W/kg

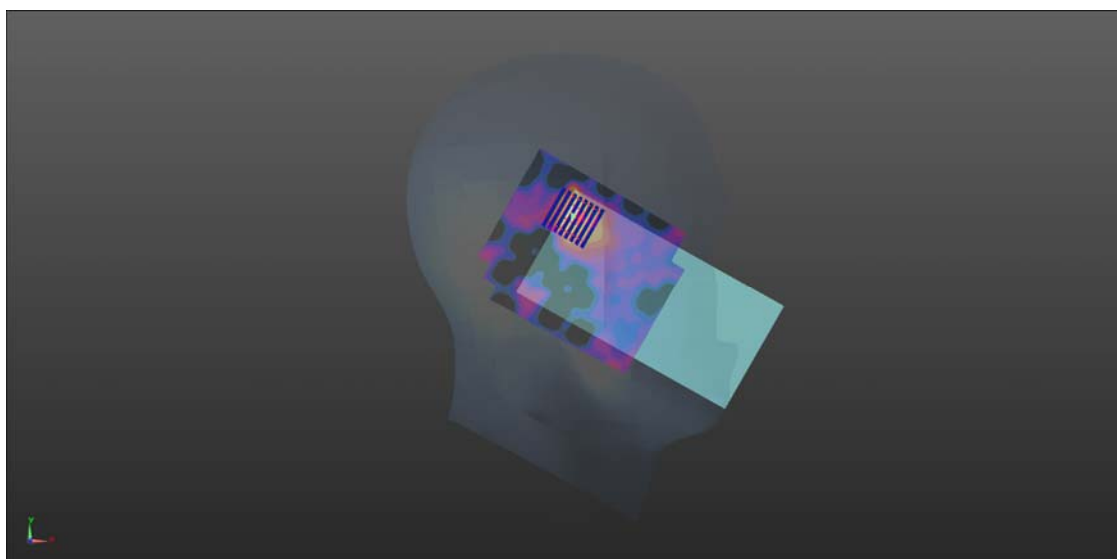
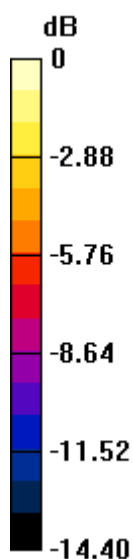
Ch38/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.440 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.56 W/kg

SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.269 W/kg



0 dB = 0.253 W/kg

WLAN 5GHz Band 2_802.11ac-VHT20 MCS0_Left Tilt_Ch52_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: HSL_5250 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.714$ S/m; $\epsilon_r = 36.032$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.6, 4.6, 4.6); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.362 W/kg

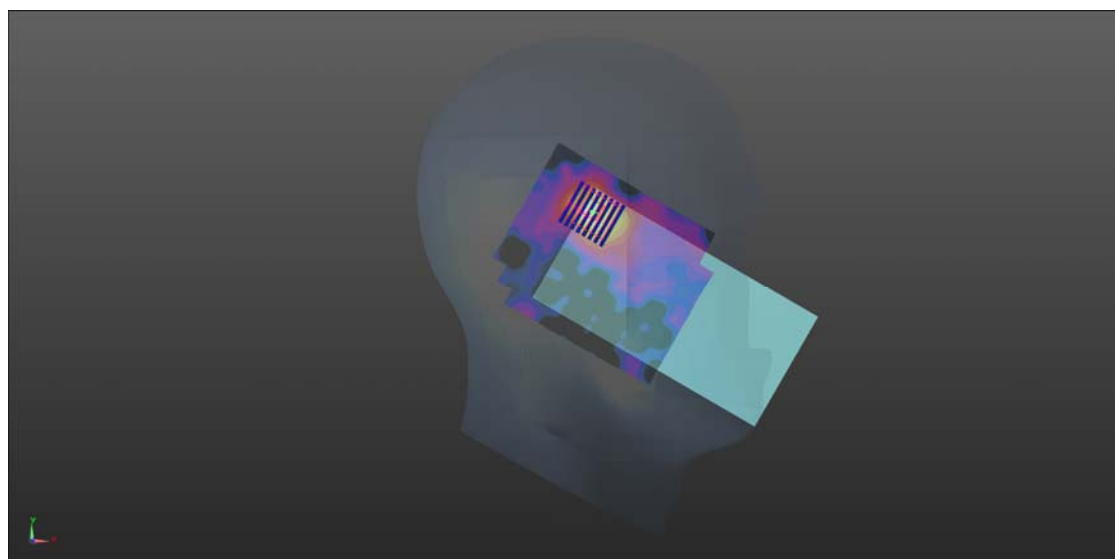
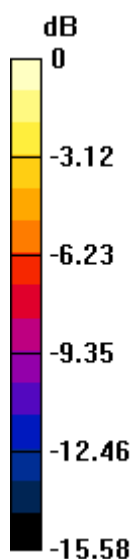
Ch52/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.823 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.372 W/kg



0 dB = 0.362 W/kg

WLAN 5GHz Band 3_802.11n-HT40 MCS0_Left Cheek_Ch142_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5710 MHz;Duty Cycle: 1:1
Medium: HSL_5750 Medium parameters used: $f = 5710$ MHz; $\sigma = 5.254$ S/m; $\epsilon_r = 35.228$; $\rho = 1000$ kg/m³

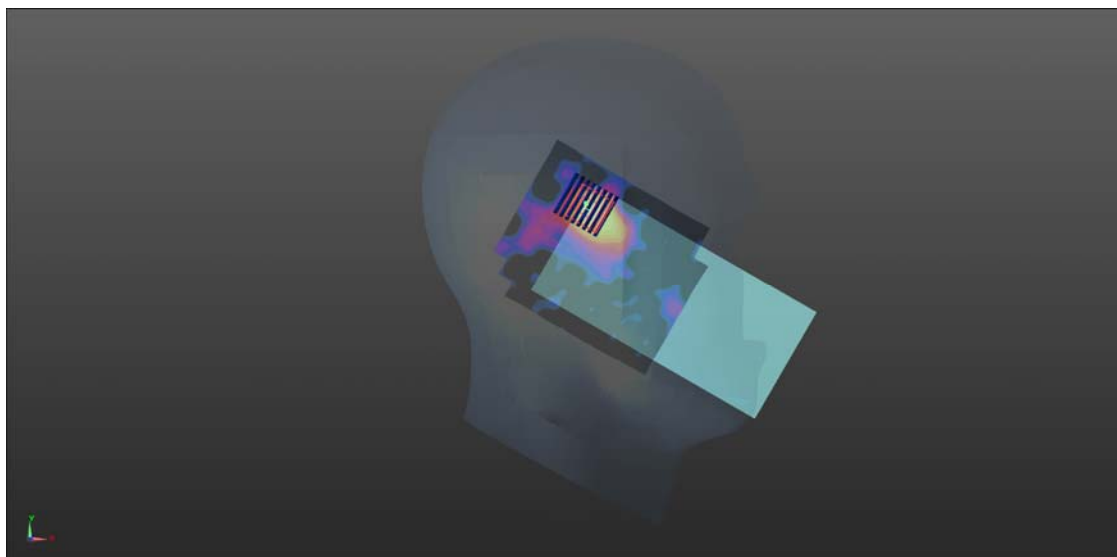
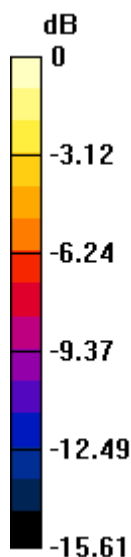
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.6, 4.6, 4.6); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch142/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.584 W/kg

Ch142/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.073 V/m; Power Drift = 0.99 dB
Peak SAR (extrapolated) = 4.07 W/kg
SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.200 W/kg
Maximum value of SAR (measured) = 0.484 W/kg



0 dB = 0.584 W/kg

WLAN 5GHz Band 4_802.11n-HT40 MCS0_Left Cheek_Ch159_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5795 MHz;Duty Cycle: 1:1
Medium: HSL_5750 Medium parameters used: $f = 5795$ MHz; $\sigma = 5.347$ S/m; $\epsilon_r = 35.071$; $\rho = 1000$ kg/m³

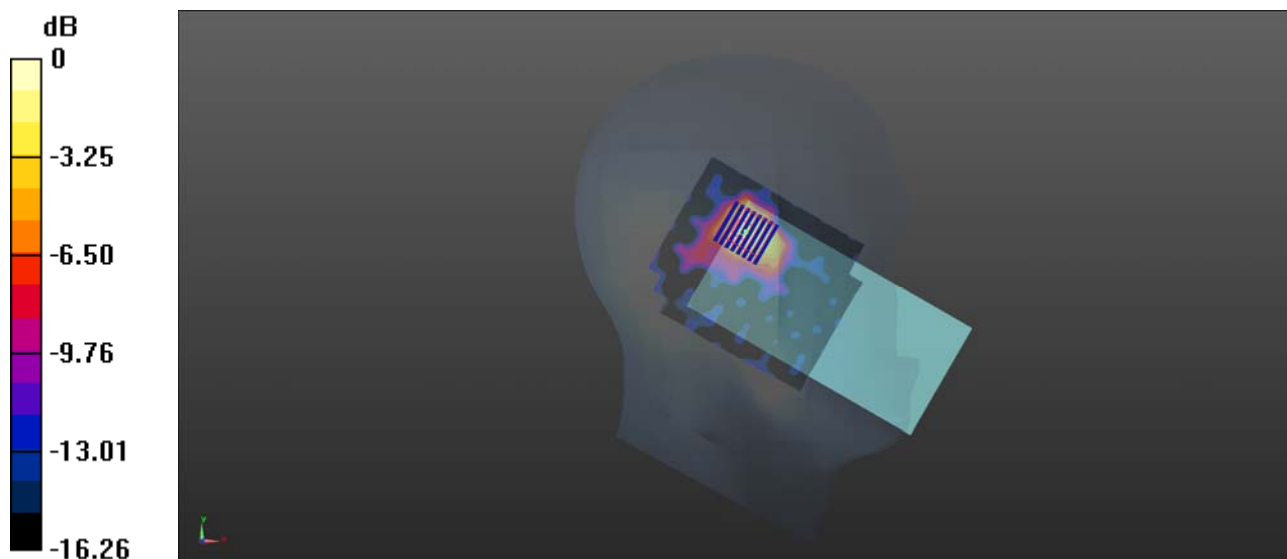
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.6, 4.6, 4.6); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- 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) = 0.469 W/kg

Ch159/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.695 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.184 W/kg
Maximum value of SAR (measured) = 0.504 W/kg



0 dB = 0.469 W/kg

GSM850_GPRS(3 TX slots)_Back Side_10mm_Ch128_Bottom Ant

Communication System: UID 0, GSM850(class 11) (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.77
Medium: MSL_835 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.969$ S/m; $\epsilon_r = 55.785$; $\rho = 1000$ kg/m³

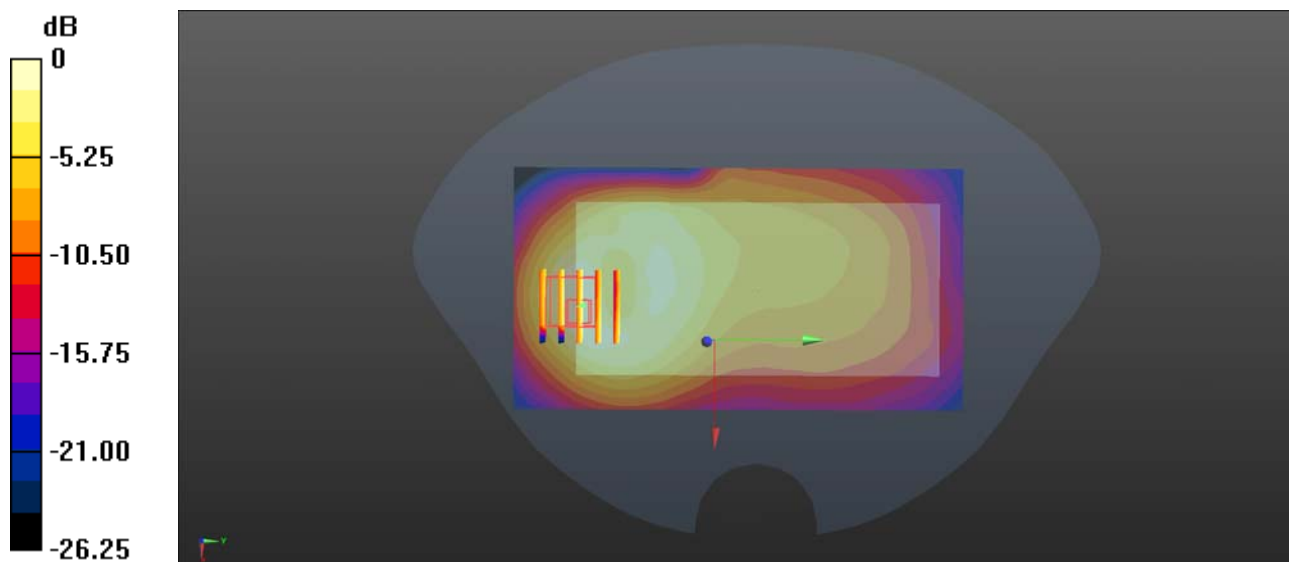
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.441 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.75 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.830 W/kg
SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.232 W/kg
Maximum value of SAR (measured) = 0.437 W/kg



0 dB = 0.441 W/kg

GSM1900_GPRS(2 TX slots)_Back Side_10mm_Ch661_Bottom Ant

Communication System: UID 0, PCS1900(Class 10) (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.497$ S/m; $\epsilon_r = 54.63$; $\rho = 1000$ kg/m³

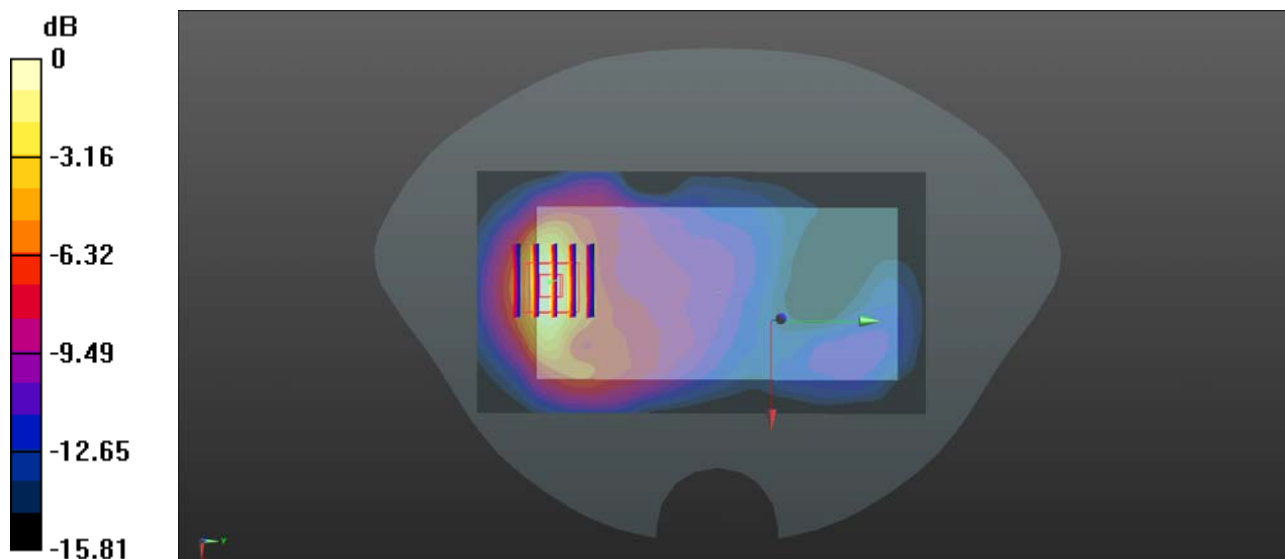
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.429 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.256 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.651 W/kg
SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 0.434 W/kg



0 dB = 0.429 W/kg

WCDMA Band II_RMC 12.2Kbps_Back Side_10mm_Ch9400_Bottom Ant

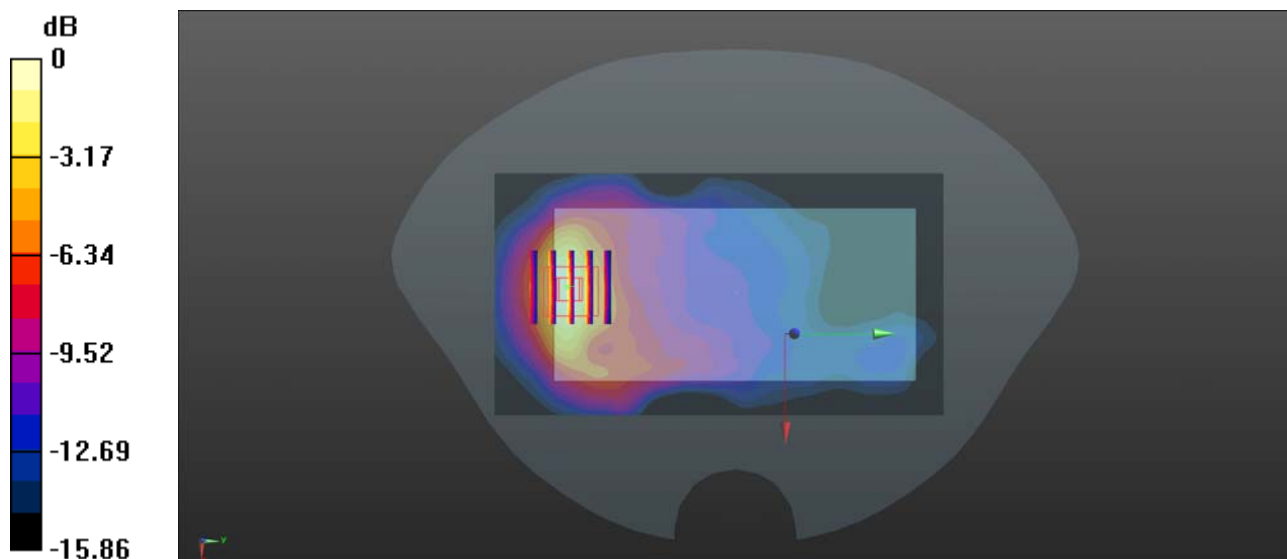
Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.497$ S/m; $\epsilon_r = 54.63$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.492 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.854 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.753 W/kg
SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.238 W/kg
Maximum value of SAR (measured) = 0.498 W/kg



0 dB = 0.492 W/kg

WCDMA Band IV_RMC 12.2Kbps_Back Side_10mm_Ch1413_Bottom Ant

Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
 Medium: MSL_1750 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.529$ S/m; $\epsilon_r = 53.789$; $\rho = 1000$ kg/m³

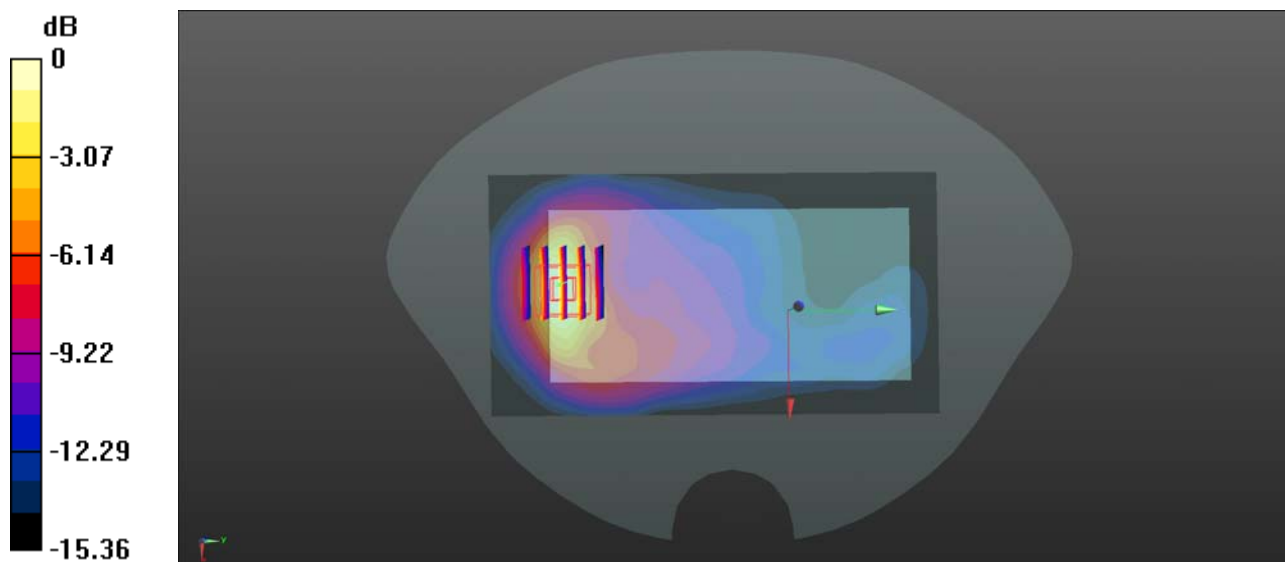
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.65, 7.65, 7.65); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1413/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.530 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.418 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 0.802 W/kg
SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.264 W/kg
 Maximum value of SAR (measured) = 0.531 W/kg



0 dB = 0.530 W/kg

WCDMA Band V_RMC 12.2Kbps_Back Side_10mm_Ch4183_Bottom Ant

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: MSL_835 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ S/m; $\epsilon_r = 55.746$; $\rho = 1000$ kg/m³

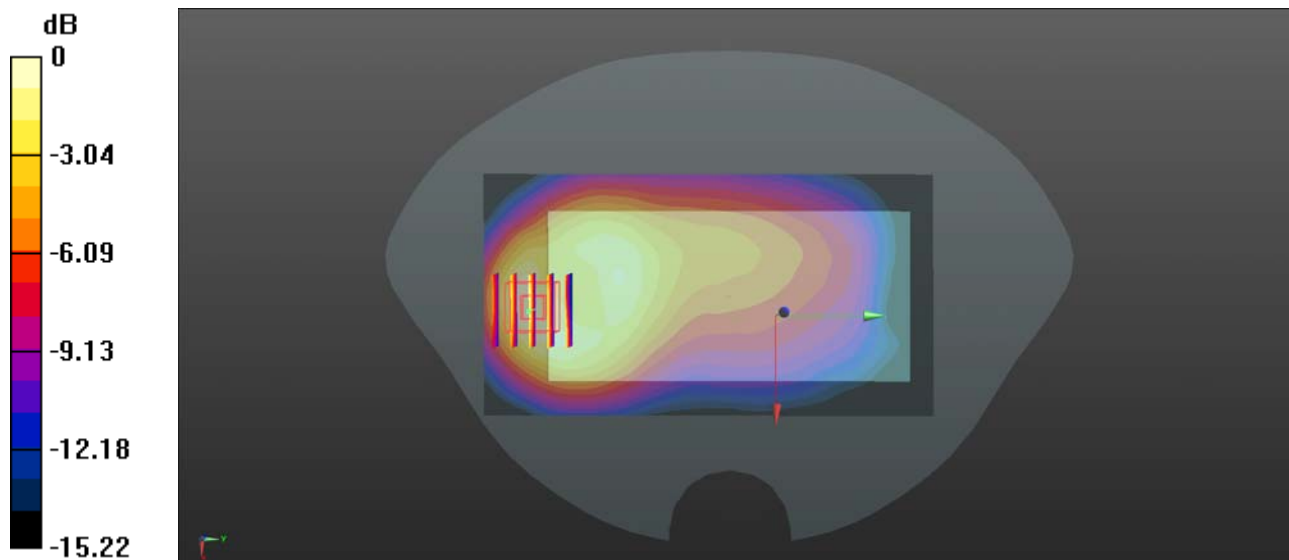
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4183/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.333 W/kg

Ch4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.149 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.558 W/kg
SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.333 W/kg

CDMA2000 BC0_RC3 SO55_Back Side_10mm_Ch384_Bottom Ant

Communication System: UID 0, CDMA 2000 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1
 Medium: MSL_835 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ S/m; $\epsilon_r = 55.746$; $\rho = 1000$ kg/m³

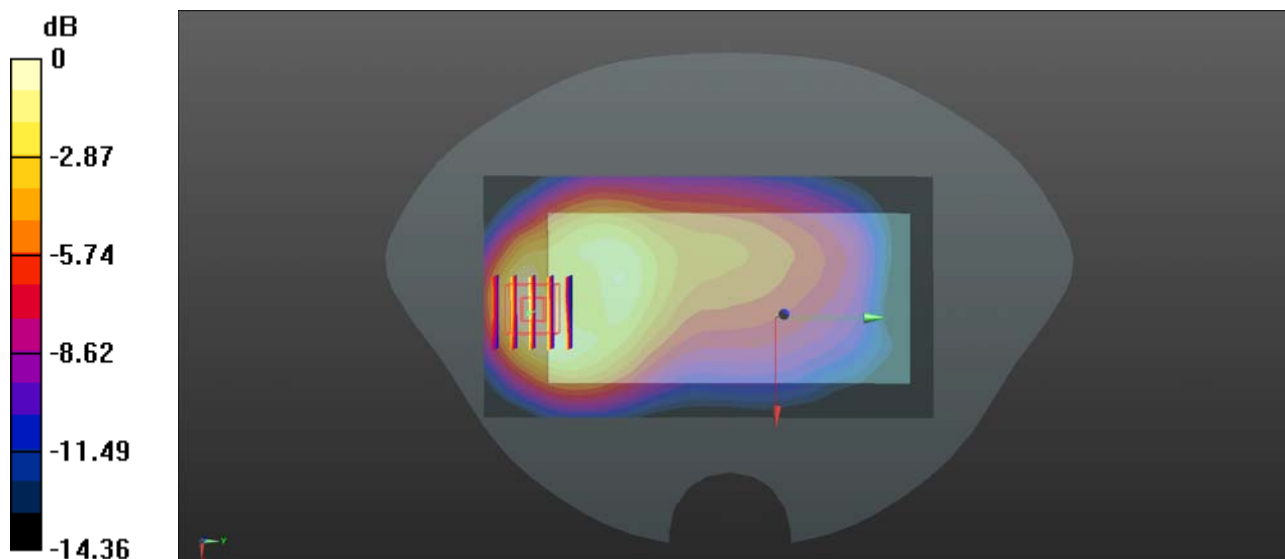
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch384/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.401 W/kg

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 10.68 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 0.681 W/kg
SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.228 W/kg
 Maximum value of SAR (measured) = 0.419 W/kg



0 dB = 0.401 W/kg

CDMA2000 BC1_RC3 SO55_Back Side_10mm_Ch25_Bottom Ant

Communication System: UID 0, CDMA 2000 (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.471$ S/m; $\epsilon_r = 54.717$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch25/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.429 W/kg

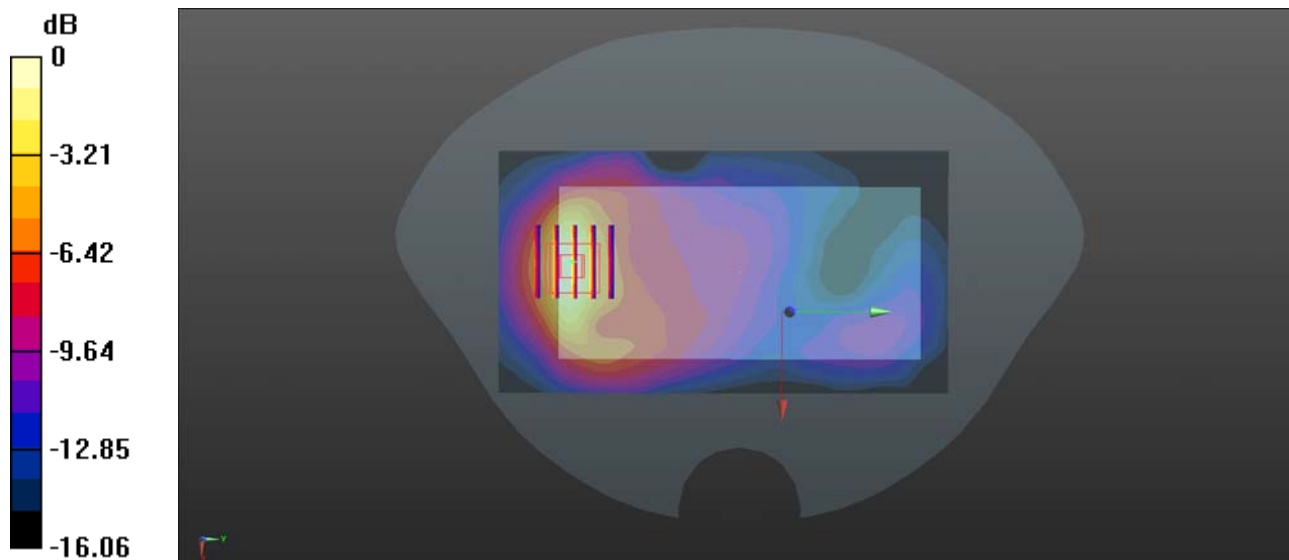
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.909 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 0.442 W/kg



0 dB = 0.429 W/kg

LTE Band 2_20MHz_QPSK_1RB_99Offset_Back Side_10mm_Ch19100_Bottom Ant

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

Medium: MSL_1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.518$ S/m; $\epsilon_r = 54.556$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.507 W/kg

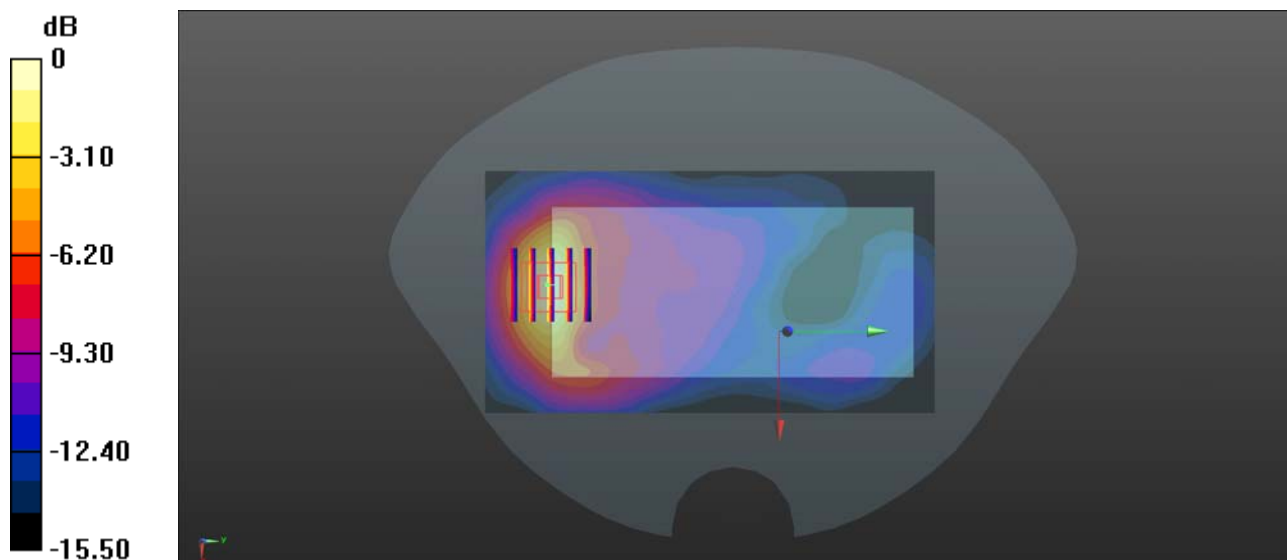
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.549 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.756 W/kg

SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 0.497 W/kg



0 dB = 0.507 W/kg

LTE Band 4_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20300_Bottom Ant

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

Medium: MSL_1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.542$ S/m; $\epsilon_r = 53.763$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.65, 7.65, 7.65); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20300/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.695 W/kg

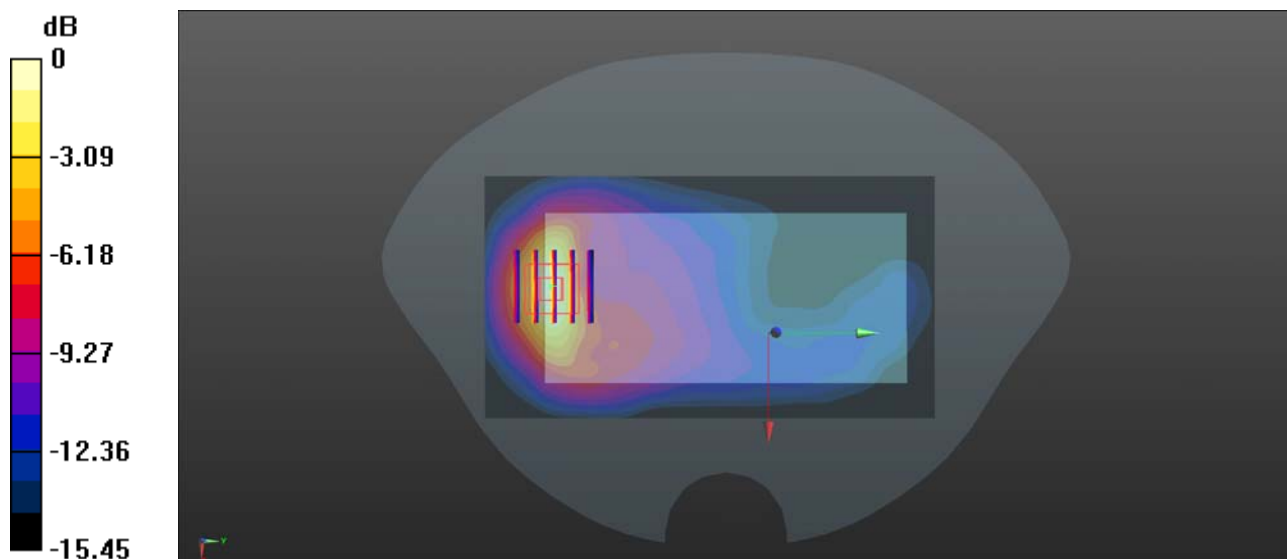
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.533 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.333 W/kg

Maximum value of SAR (measured) = 0.692 W/kg



0 dB = 0.695 W/kg

LTE Band 5_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20525_Top Ant

Communication System: UID 0, LTE (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: MSL_835 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.982$ S/m; $\epsilon_r = 55.79$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.298 W/kg

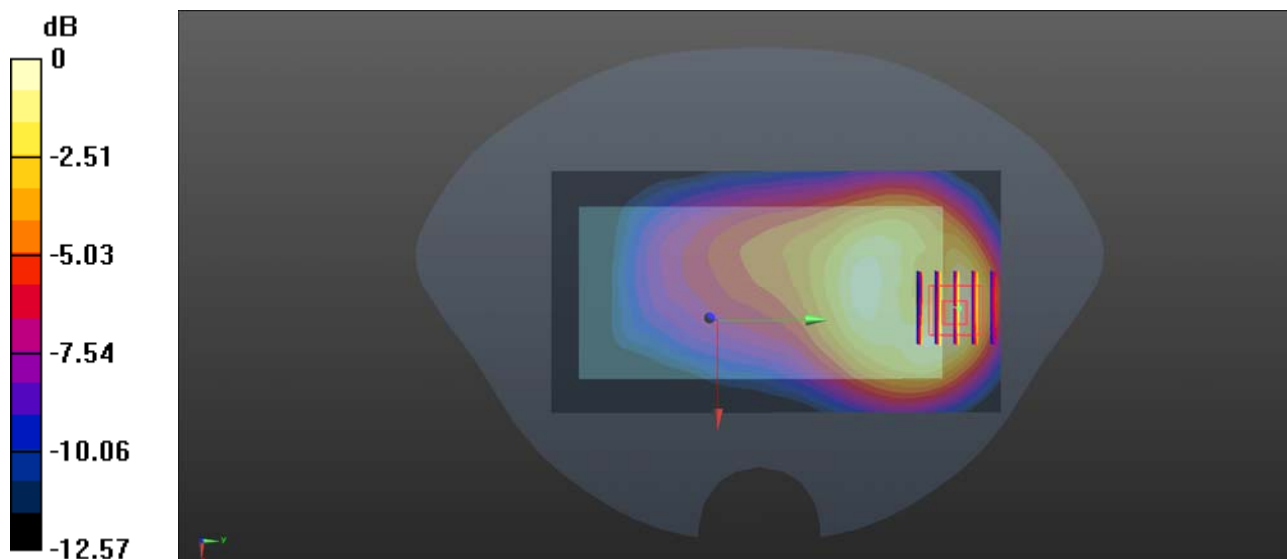
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.623 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.170 W/kg

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



0 dB = 0.298 W/kg

LTE Band 7_20MHz_QPSK_1RB_49Offset_Back Side_10mm_Ch21100_Bottom Ant

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

Medium: MSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.978$ S/m; $\epsilon_r = 52.747$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.01, 7.01, 7.01); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.857 W/kg

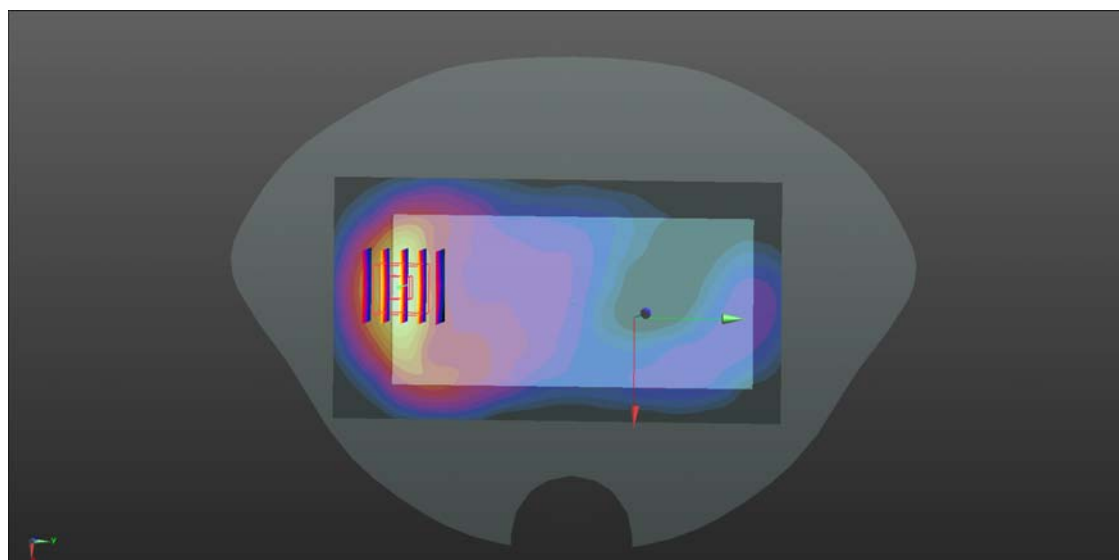
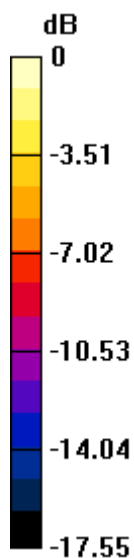
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.063 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.390 W/kg

Maximum value of SAR (measured) = 0.835 W/kg



0 dB = 0.857 W/kg

LTE Band 12_10MHz_QPSK_1RB_49Offset_Back Side_10mm_Ch23130_Bottom Ant

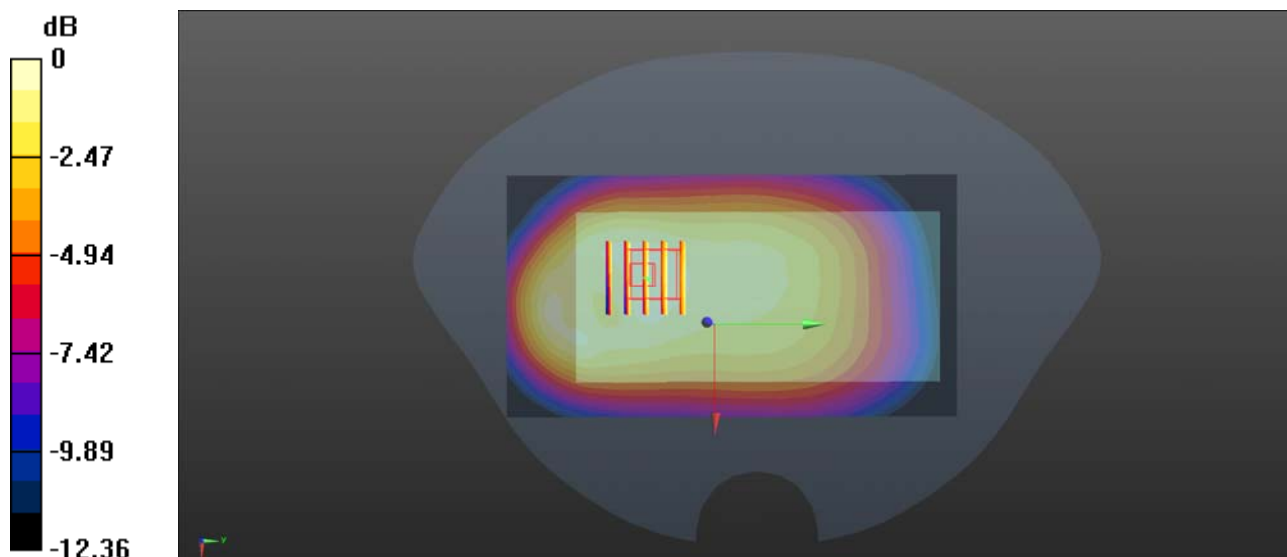
Communication System: UID 0, LTE (0); Frequency: 711 MHz; Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.934 \text{ S/m}$; $\epsilon_r = 54.838$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(6.34, 6.34, 6.34); Calibrated: 2019.07.16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23130/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.131 W/kg

Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 10.17 V/m ; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.159 W/kg
SAR(1 g) = 0.125 W/kg ; SAR(10 g) = 0.095 W/kg
Maximum value of SAR (measured) = 0.130 W/kg



0 dB = 0.131 W/kg

LTE Band 17_10MHz_QPSK_1RB_25Offset_Back Side_10mm_Ch23780_Bottom Ant

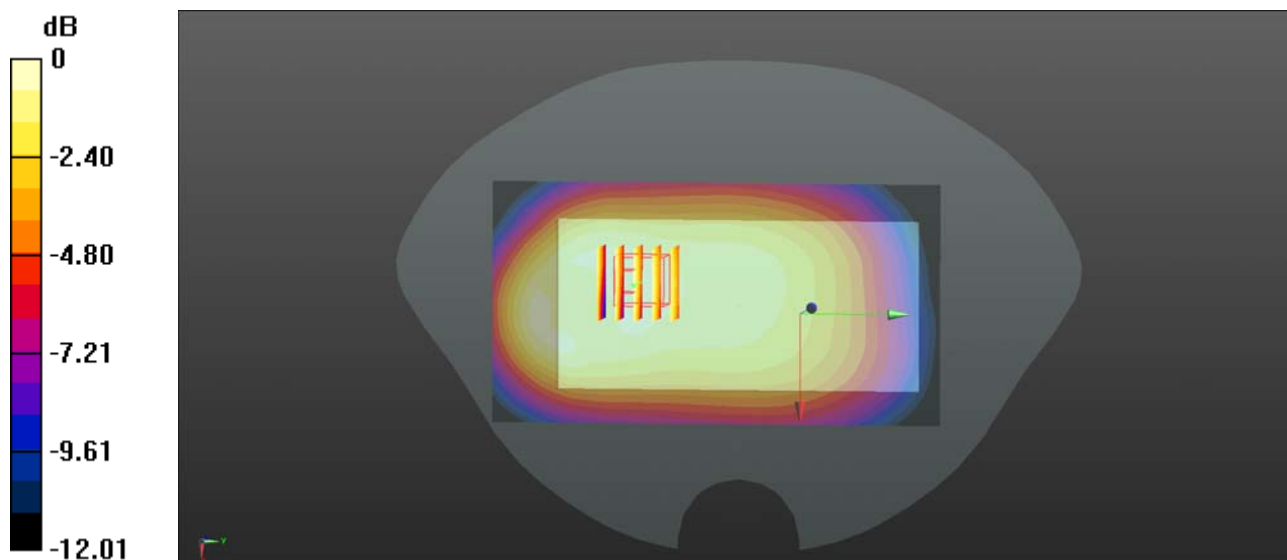
Communication System: UID 0, LTE (0); Frequency: 709 MHz; Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: $f = 709$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 54.855$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(6.34, 6.34, 6.34); Calibrated: 2019.07.16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23780/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.137 W/kg

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.40 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.135 W/kg



0 dB = 0.137 W/kg

LTE Band 18_15MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23925_Bottom Ant

Communication System: UID 0, LTE (0); Frequency: 822.5 MHz; Duty Cycle: 1:1

Medium: MSL_835 Medium parameters used: $f = 822.5$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 55.727$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1474
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23925/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.297 W/kg

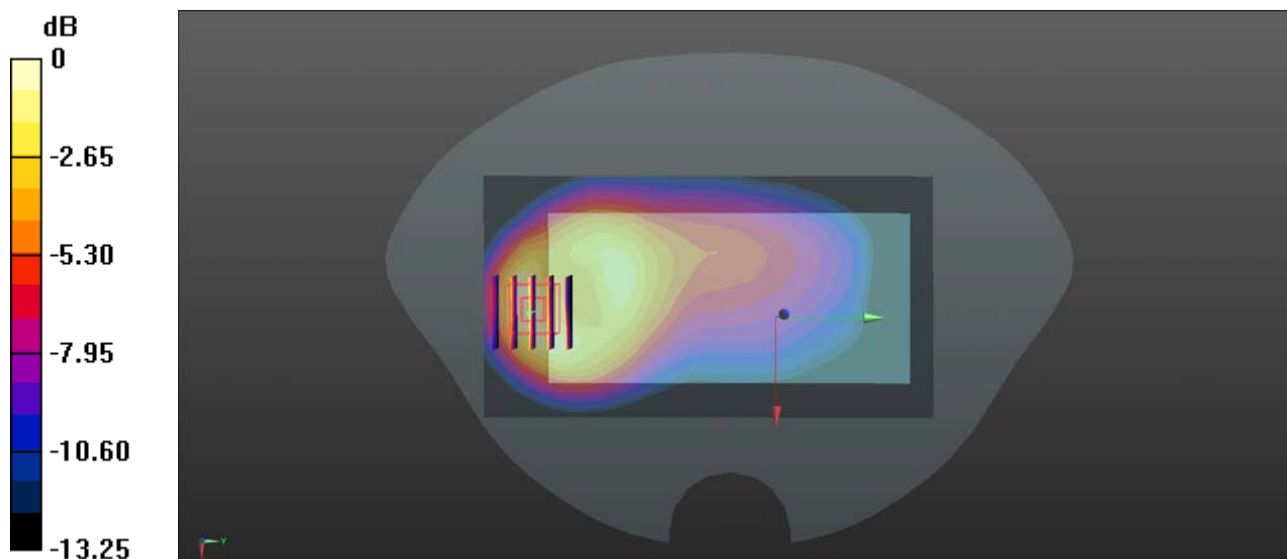
Ch23925/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.664 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.170 W/kg

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



0 dB = 0.297 W/kg

LTE Band 19_15MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch24075_Bottom Ant

Communication System: UID 0, LTE (0); Frequency: 837.5 MHz; Duty Cycle: 1:1

Medium: MSL_835 Medium parameters used: $f = 837.5$ MHz; $\sigma = 0.982$ S/m; $\epsilon_r = 55.756$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch24075/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.334 W/kg

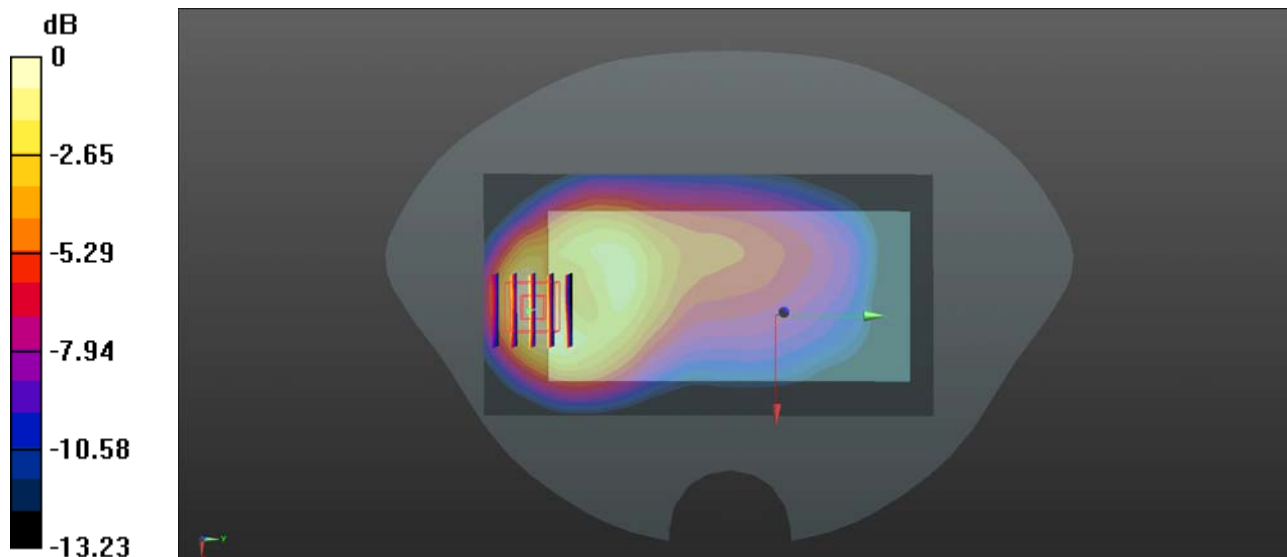
Ch24075/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.33 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.559 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.357 W/kg



0 dB = 0.334 W/kg

LTE Band 25_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch26365_Bottom Ant

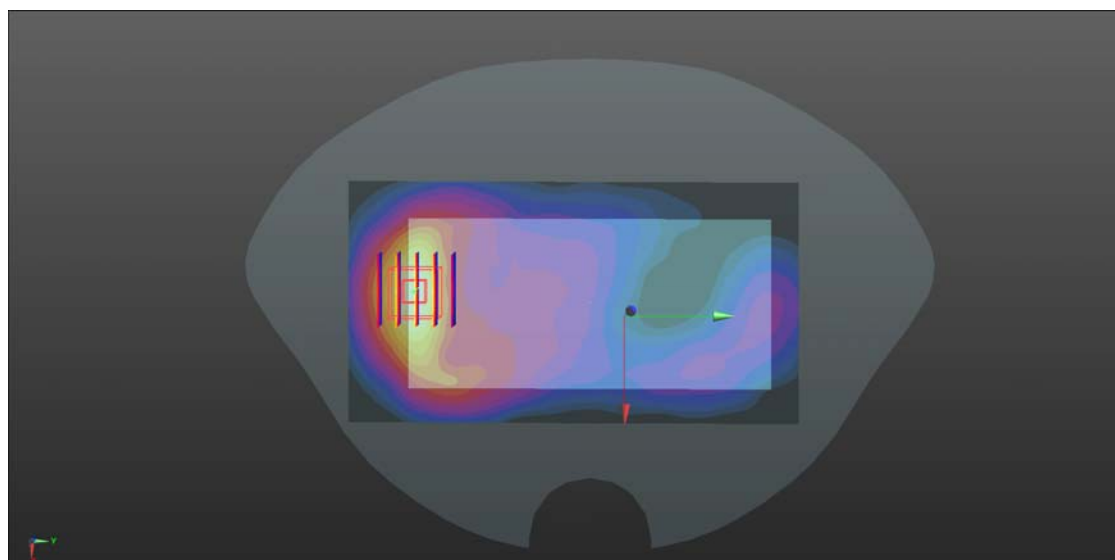
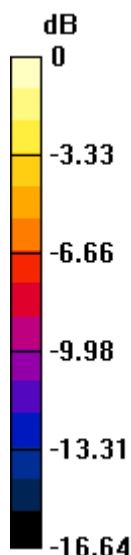
Communication System: UID 0, LTE (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.5$ S/m; $\epsilon_r = 54.587$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26365/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.593 W/kg

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.641 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.907 W/kg
SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.275 W/kg
Maximum value of SAR (measured) = 0.588 W/kg



0 dB = 0.593 W/kg

LTE Band 26_15MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch26965_Bottom Ant

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

Medium: MSL_835 Medium parameters used: $f = 841.5 \text{ MHz}$; $\sigma = 0.986 \text{ S/m}$; $\epsilon_r = 55.688$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $22.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26965/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.306 W/kg

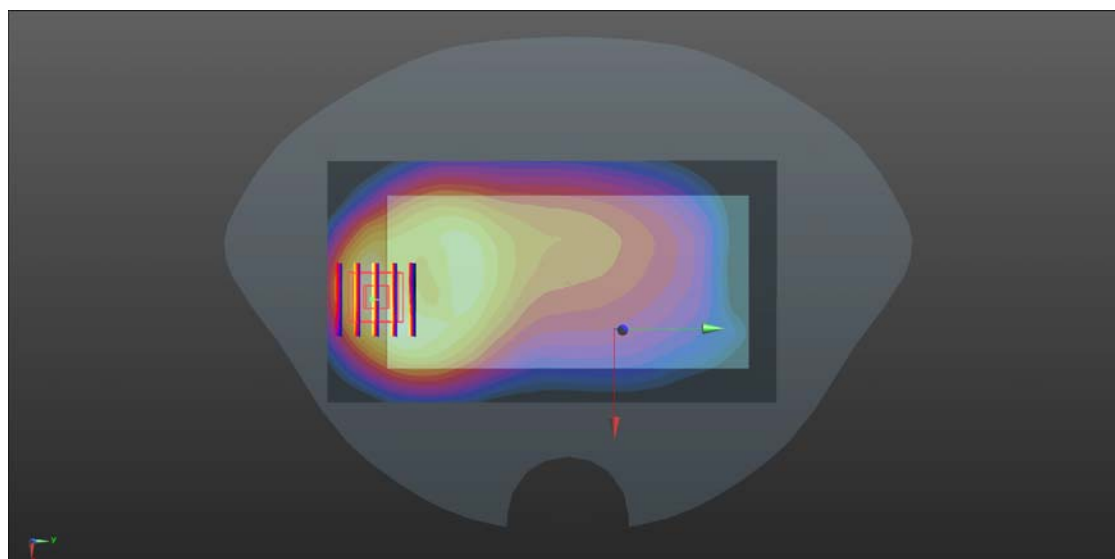
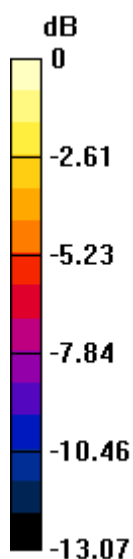
Ch26965/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.798 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.511 W/kg

SAR(1 g) = 0.303 W/kg ; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.325 W/kg



0 dB = 0.306 W/kg

LTE Band 30_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch27710_Bottom Ant

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

Medium: MSL_2600 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.691$ S/m; $\epsilon_r = 53.432$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.01, 7.01, 7.01); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch27710/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.502 W/kg

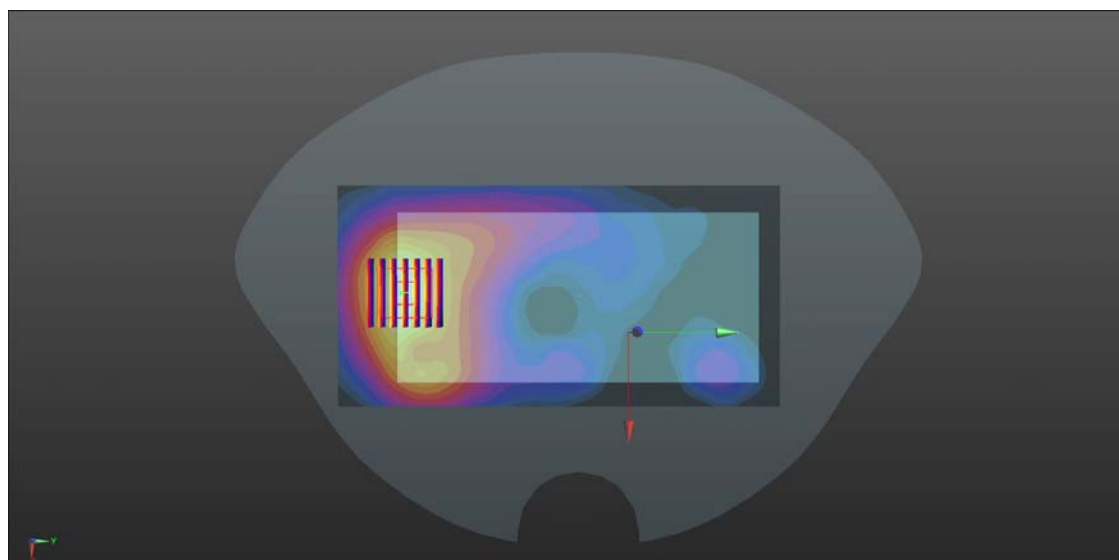
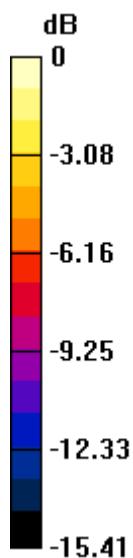
Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.384 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.773 W/kg

SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 0.493 W/kg



0 dB = 0.502 W/kg

LTE Band 66_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch132572_Bottom Ant

Communication System: UID 0, LTE (0); Frequency: 1770 MHz; Duty Cycle: 1:1.59

Medium: MSL_1750 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.566$ S/m; $\epsilon_r = 53.714$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.65, 7.65, 7.65); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132572/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.724 W/kg

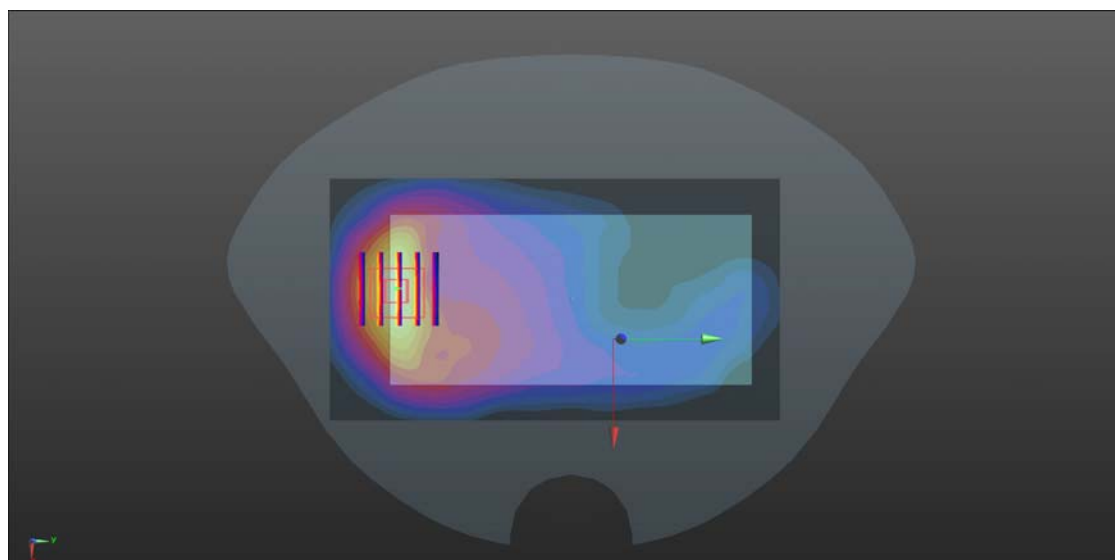
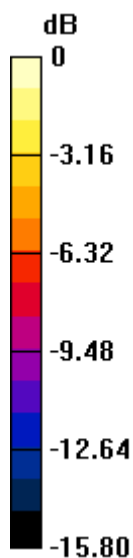
Ch132572/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.530 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.343 W/kg

Maximum value of SAR (measured) = 0.715 W/kg



0 dB = 0.724 W/kg

LTE Band 38_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch38150_Bottom Ant

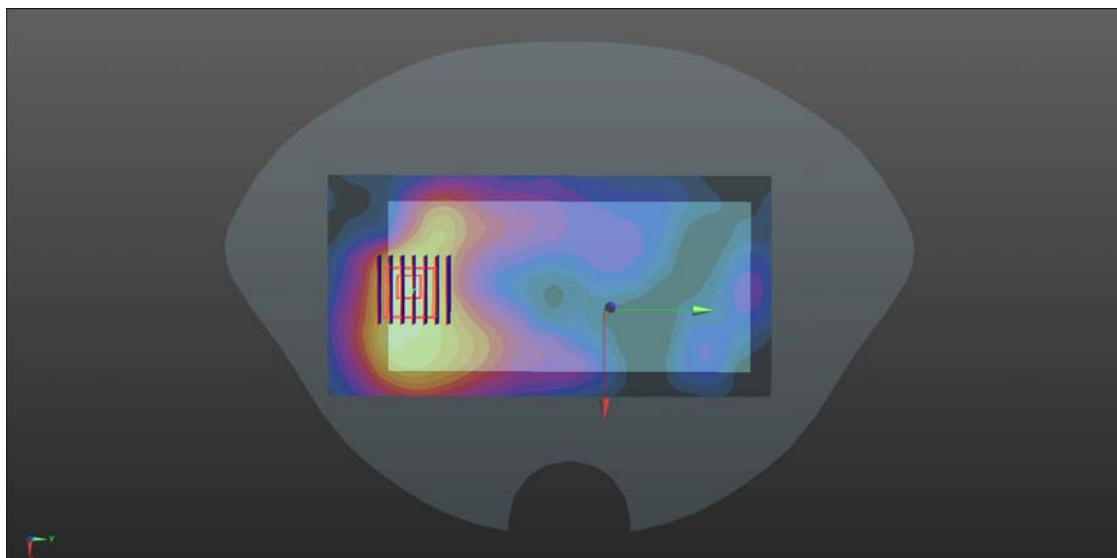
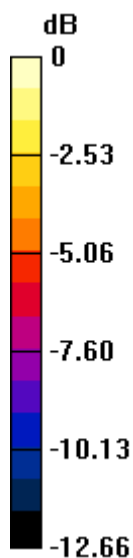
Communication System: UID 0, LTE (0); Frequency: 2610 MHz; Duty Cycle: 1:1.59
Medium: MSL_2600 Medium parameters used: $f = 2610$ MHz; $\sigma = 2.084$ S/m; $\epsilon_r = 52.455$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.01, 7.01, 7.01); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.199 W/kg

Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.464 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.333 W/kg
SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.092 W/kg
Maximum value of SAR (measured) = 0.193 W/kg



0 dB = 0.199 W/kg

LTE Band 40A_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch38750_Bottom Ant

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

Medium: MSL_2600 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.691$ S/m; $\epsilon_r = 53.432$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.01, 7.01, 7.01); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.113 W/kg

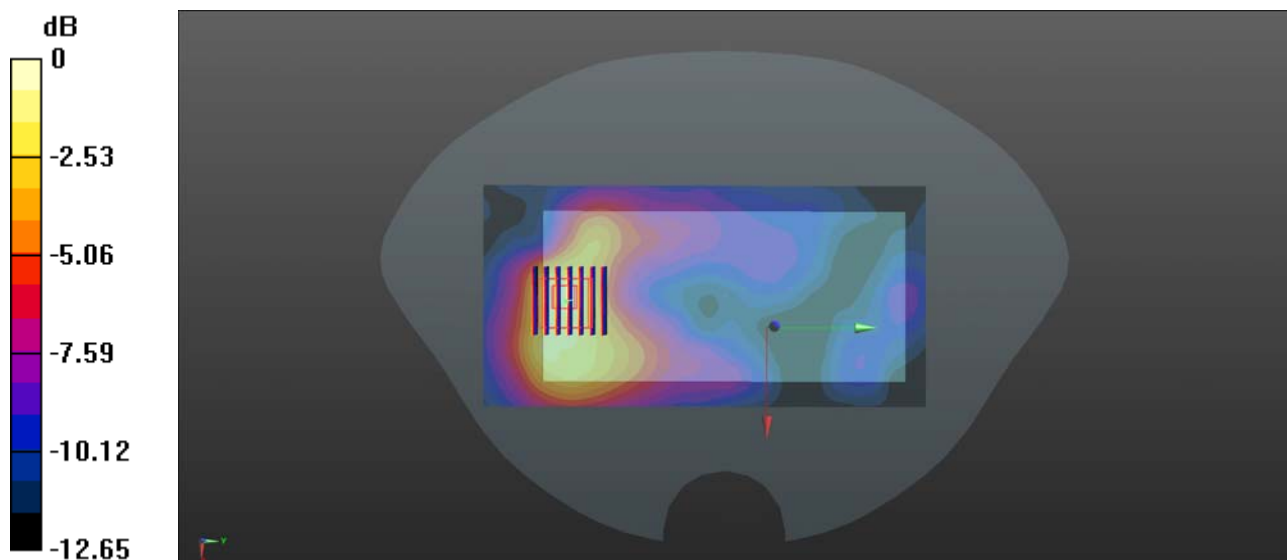
Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.402 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.275 W/kg



0 dB = 0.113 W/kg

LTE Band 40B_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch39200_Bottom Ant

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

Medium: MSL_2600 Medium parameters used: $f = 2355$ MHz; $\sigma = 1.749$ S/m; $\epsilon_r = 53.361$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.01, 7.01, 7.01); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.131 W/kg

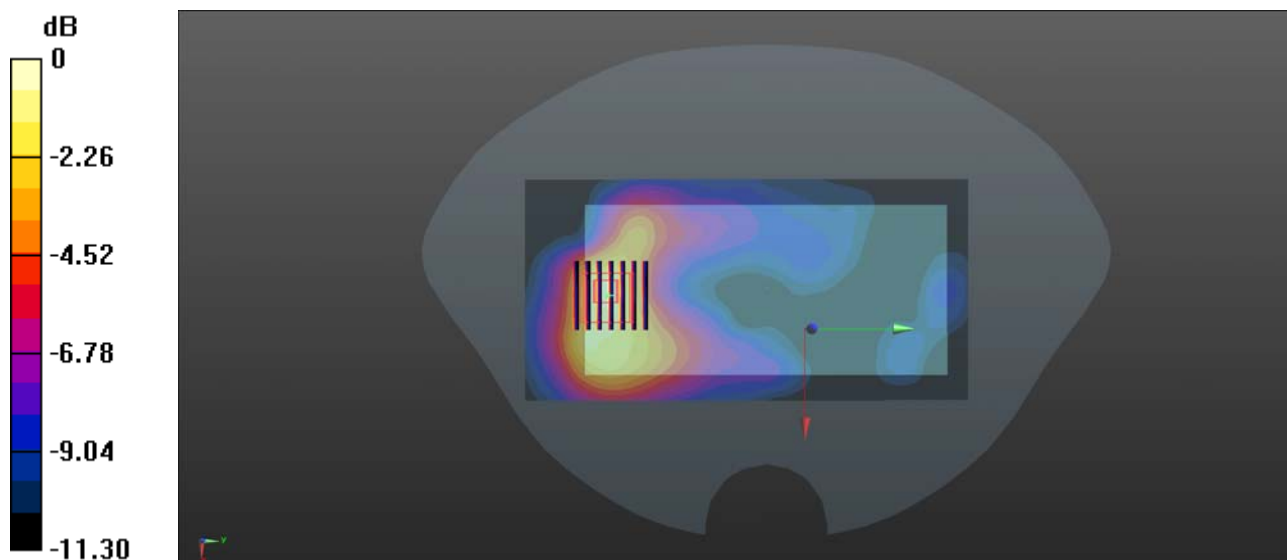
Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.420 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.274 W/kg



0 dB = 0.131 W/kg

LTE Band 41_20MHz_QPSK_1RB_99Offset_Back Side_10mm_Ch40340_Bottom Ant

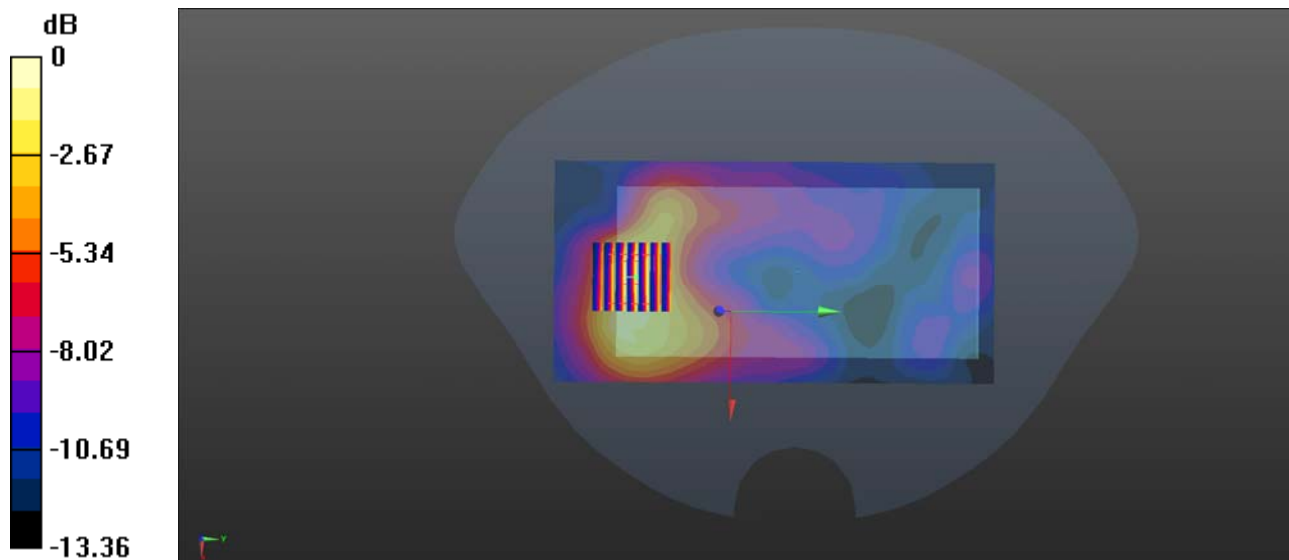
Communication System: UID 0, LTE (0); Frequency: 2565 MHz; Duty Cycle: 1:1.59
Medium: MSL_2600 Medium parameters used: $f = 2565$ MHz; $\sigma = 2.018$ S/m; $\epsilon_r = 52.623$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.01, 7.01, 7.01); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.115 W/kg

Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.446 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.318 W/kg
SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.231 W/kg



0 dB = 0.115 W/kg

WLAN 2.4GHz_802.11b 1Mbps_Back Side_10mm_Ch1_Ant 0

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.818$ S/m; $\epsilon_r = 53.137$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0816 W/kg

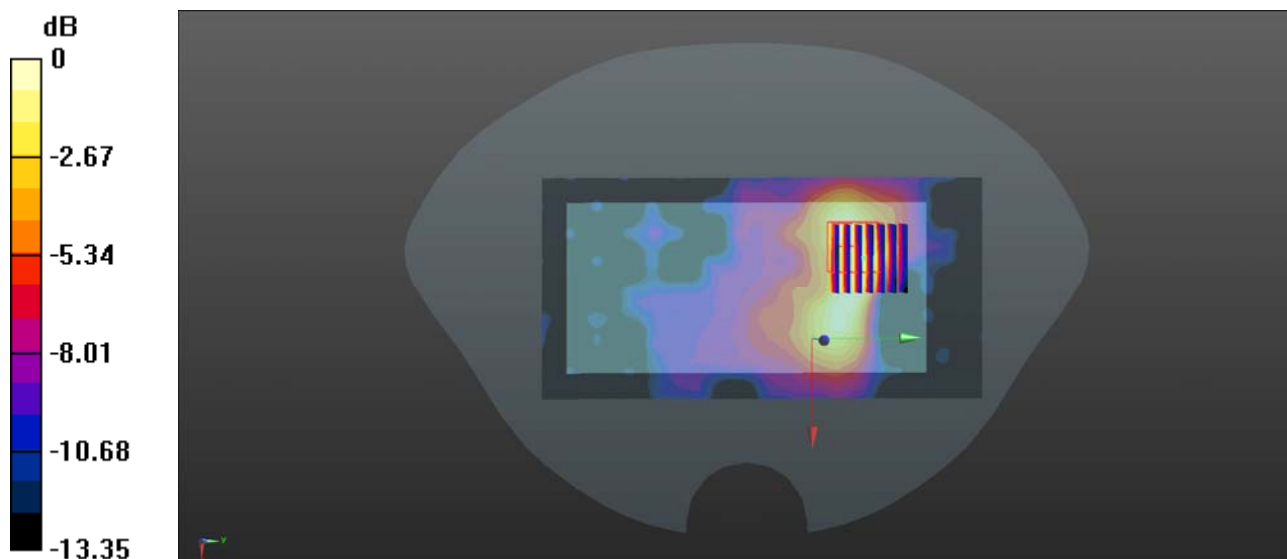
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.698 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0790 W/kg



0 dB = 0.0816 W/kg

WLAN 5GHz Band 1_802.11n-HT40 MCS0_Back Side_10mm_Ch38_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5190 MHz;Duty Cycle: 1:1
Medium: MSL_5250 Medium parameters used: $f = 5190$ MHz; $\sigma = 5.357$ S/m; $\epsilon_r = 48.63$; $\rho = 1000$ kg/m³

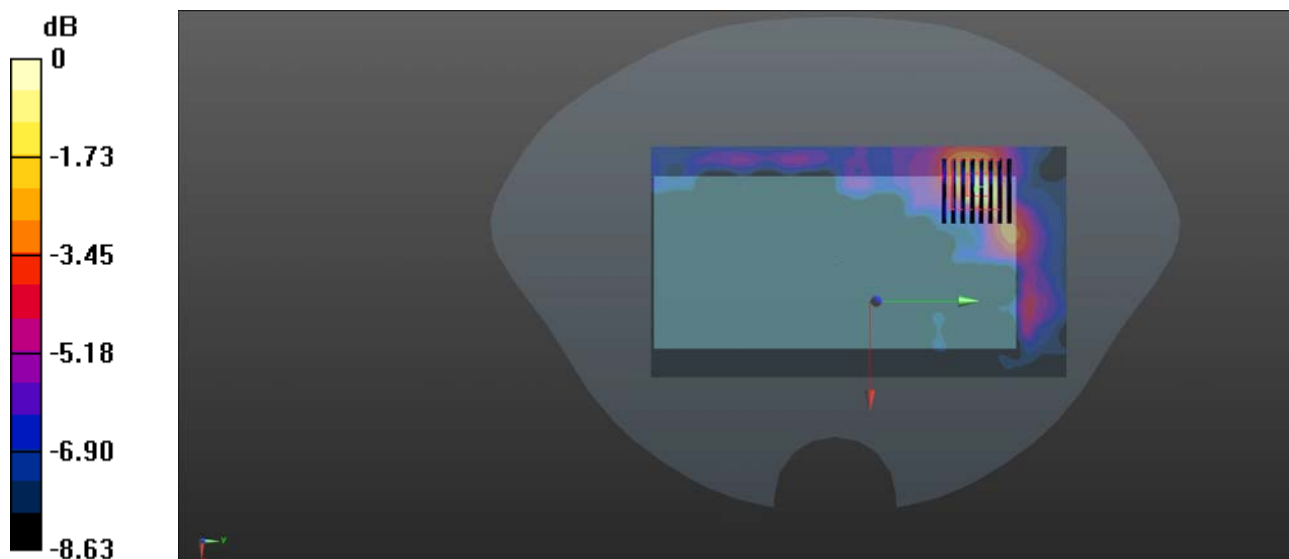
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.73, 4.73, 4.73); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38/Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.138 W/kg

Ch38/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.006 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.057 W/kg
Maximum value of SAR (measured) = 0.113 W/kg



WLAN 5GHz Band 2_802.11a 6Mbps_Back Side_10mm_Ch52_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium: MSL_5250 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.43$ S/m; $\epsilon_r = 48.327$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.73, 4.73, 4.73); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.267 W/kg

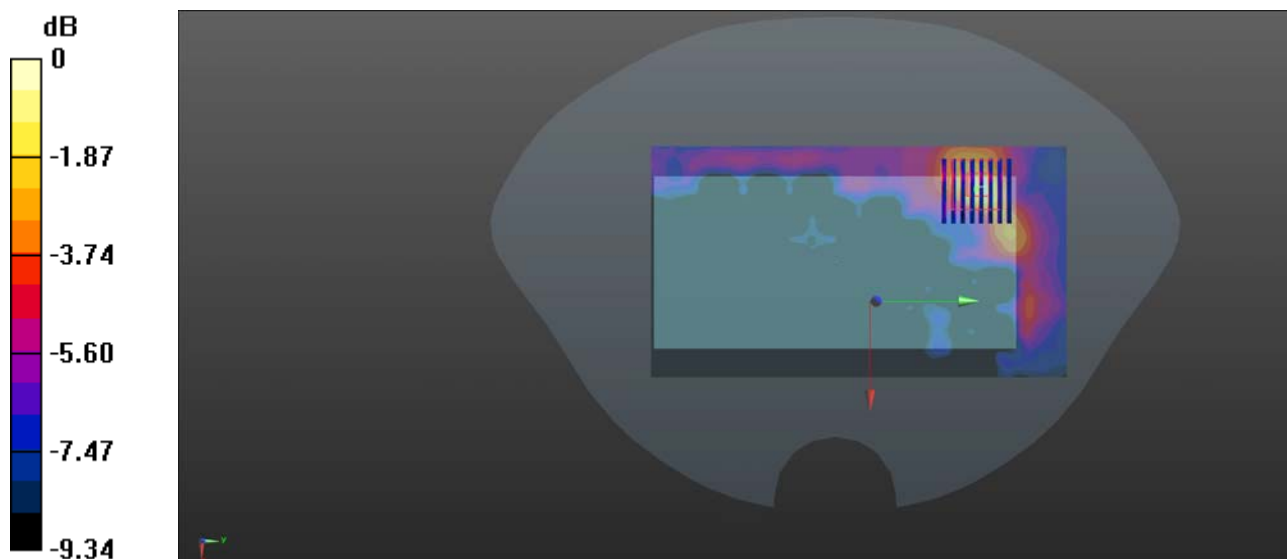
Ch52/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.384 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.572 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.258 W/kg



0 dB = 0.267 W/kg

WLAN 5GHz Band 3_802.11n-HT40 MCS0_Back Side_10mm_Ch142_Ant 1

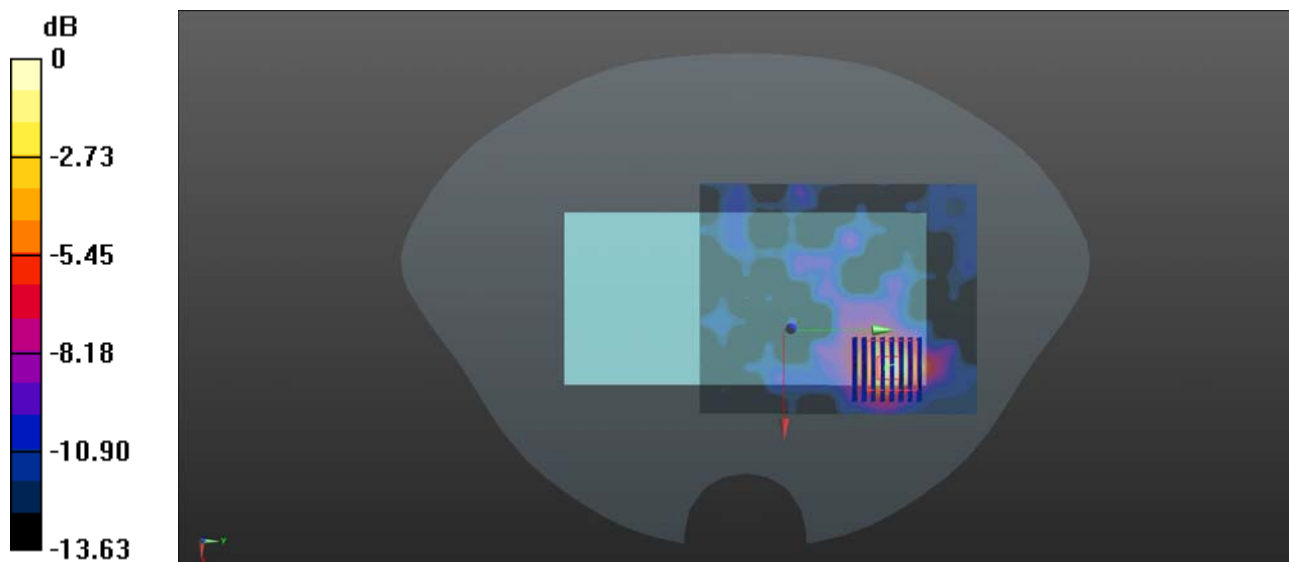
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5710 MHz;Duty Cycle: 1:1
Medium: MSL_5750 Medium parameters used: $f = 5710$ MHz; $\sigma = 6.016$ S/m; $\epsilon_r = 47.682$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.73, 4.73, 4.73); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch142/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.620 W/kg

Ch142/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.253 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.126 W/kg
Maximum value of SAR (measured) = 0.622 W/kg



0 dB = 0.620 W/kg

WLAN 5GHz Band 4_802.11n-HT40 MCS0_Back Side_10mm_Ch151_Ant 1

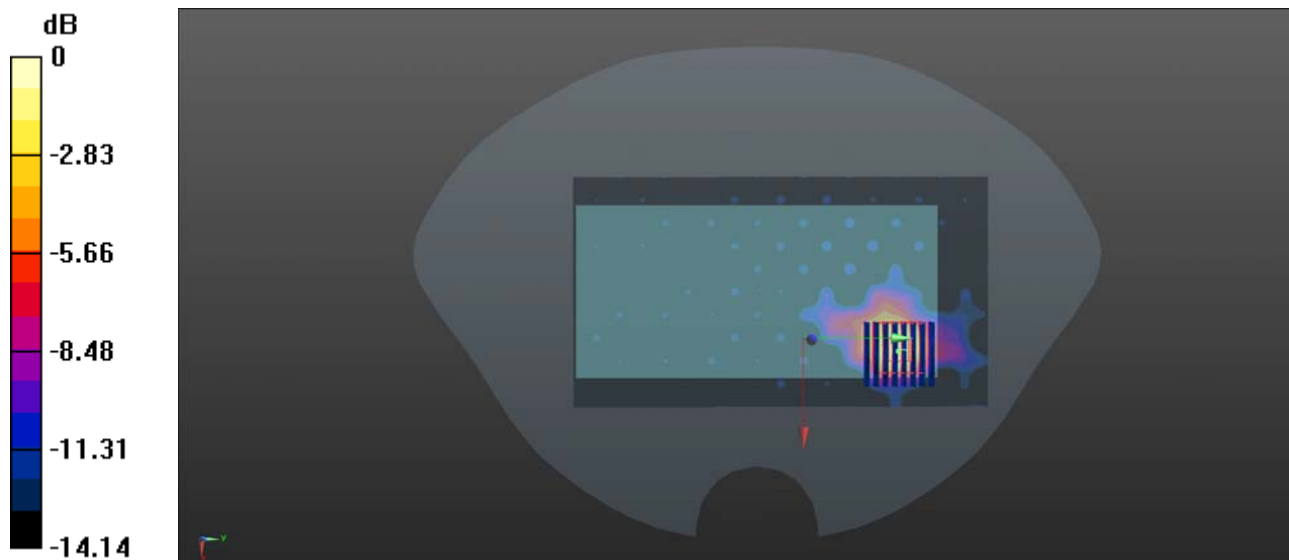
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5755 MHz;Duty Cycle: 1:1
Medium: MSL_5750 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.072$ S/m; $\epsilon_r = 47.462$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.73, 4.73, 4.73); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1474
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch151/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.660 W/kg

Ch151/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.515 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.684 W/kg



0 dB = 0.660 W/kg

Bluetooth 1Mbps_Back Side_10mm_Ch0

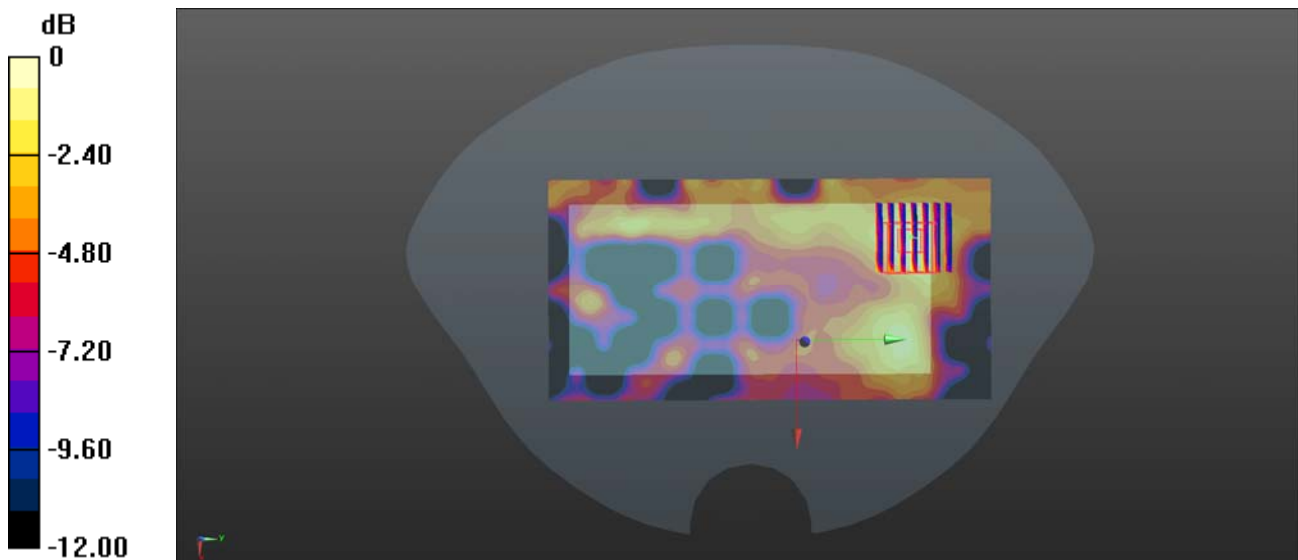
Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 53.163$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0248 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.491 V/m; Power Drift = -4.87 dB
Peak SAR (extrapolated) = 0.0400 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0234 W/kg



0 dB = 0.0248 W/kg

GSM850_GPRS(3 TX slots)_Back Side_10mm_Ch128_Bottom Ant

Communication System: UID 0, GSM850(class 11) (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.77
 Medium: MSL_835 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.969$ S/m; $\epsilon_r = 55.785$; $\rho = 1000$ kg/m³

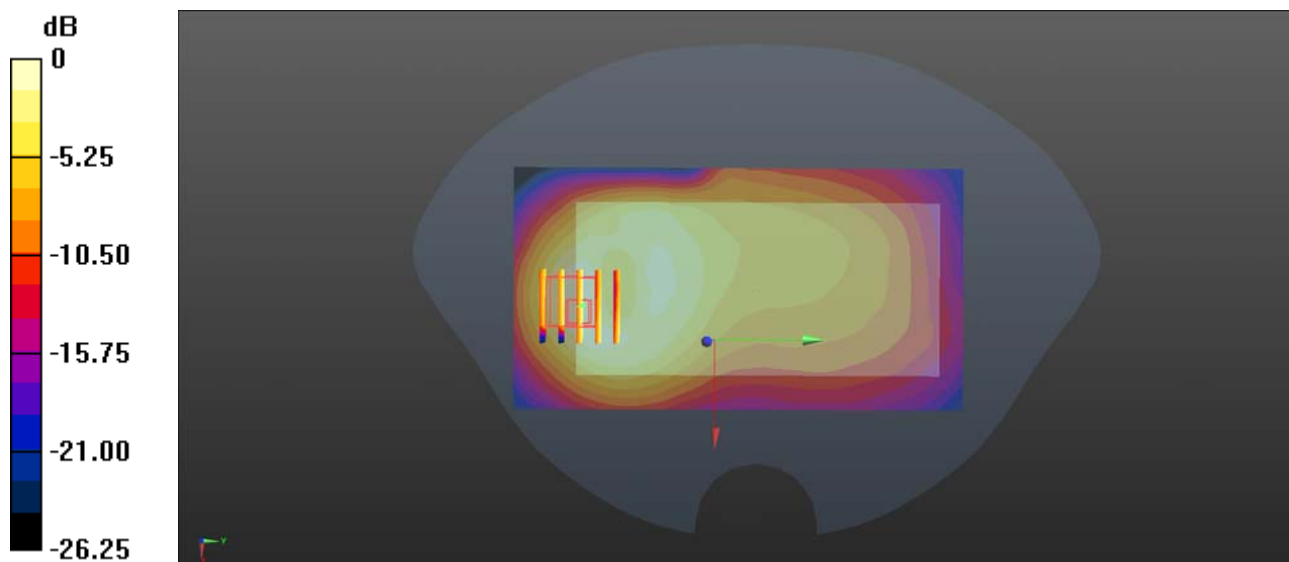
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.441 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 10.75 V/m; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 0.830 W/kg
SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.232 W/kg
 Maximum value of SAR (measured) = 0.437 W/kg



0 dB = 0.441 W/kg

GSM1900_GPRS(2 TX slots)_Bottom Side_10mm_Ch810_Bottom Ant

Communication System: UID 0, PCS1900(Class 10) (0); Frequency: 1880 MHz; Duty Cycle: 1:4.5
 Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.497$ S/m; $\epsilon_r = 54.63$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch810/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.909 W/kg

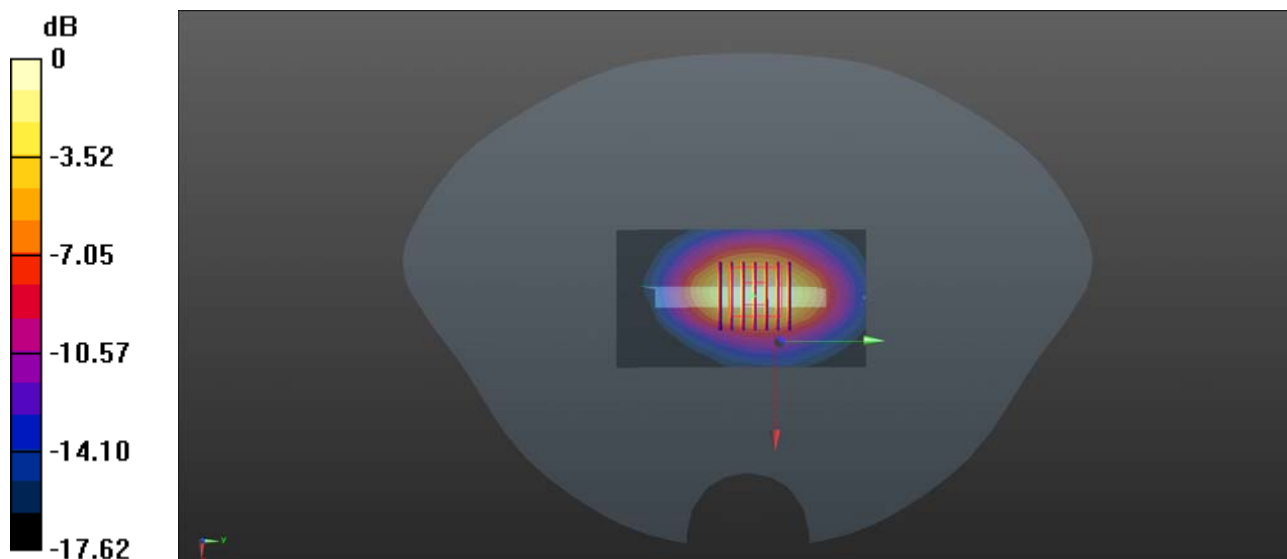
Ch810/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.69 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.824 W/kg; SAR(10 g) = 0.436 W/kg

Maximum value of SAR (measured) = 0.928 W/kg



0 dB = 0.909 W/kg

WCDMA Band II_RMC 12.2Kbps_Bottom Side_10mm_Ch9538_Bottom Ant

Communication System: UID 0, UMTS-FDD (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.527$ S/m; $\epsilon_r = 54.531$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

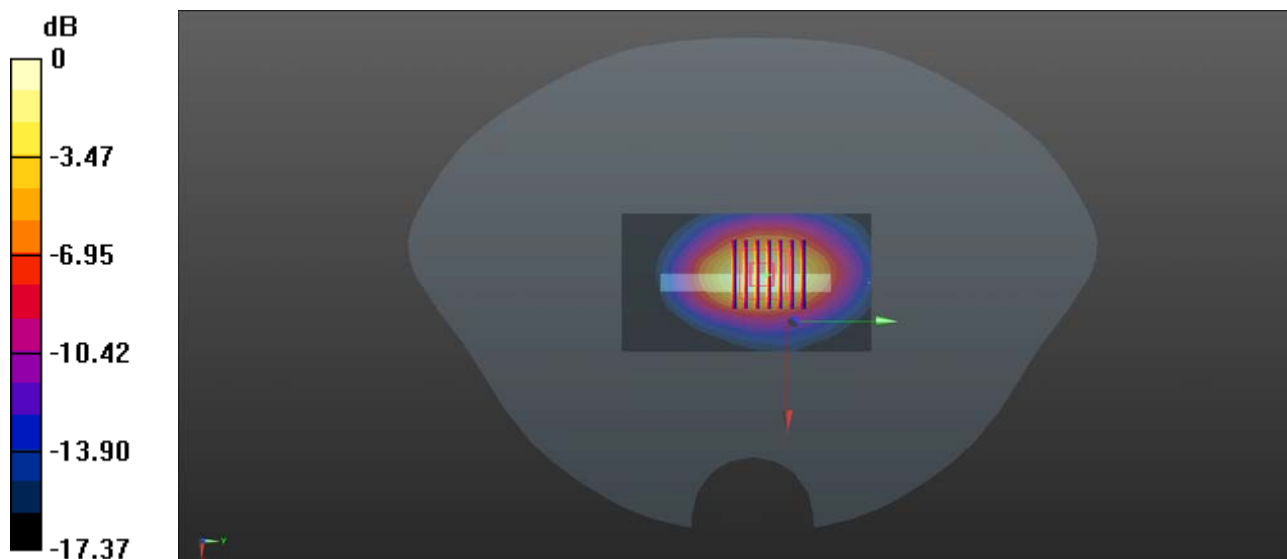
Ch9538/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.40 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.501 W/kg

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



0 dB = 1.10 W/kg

WCDMA Band IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1312_Bottom Ant

Communication System: UID 0, UMTS-FDD (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.51$ S/m; $\epsilon_r = 53.827$; $\rho = 1000$ kg/m³

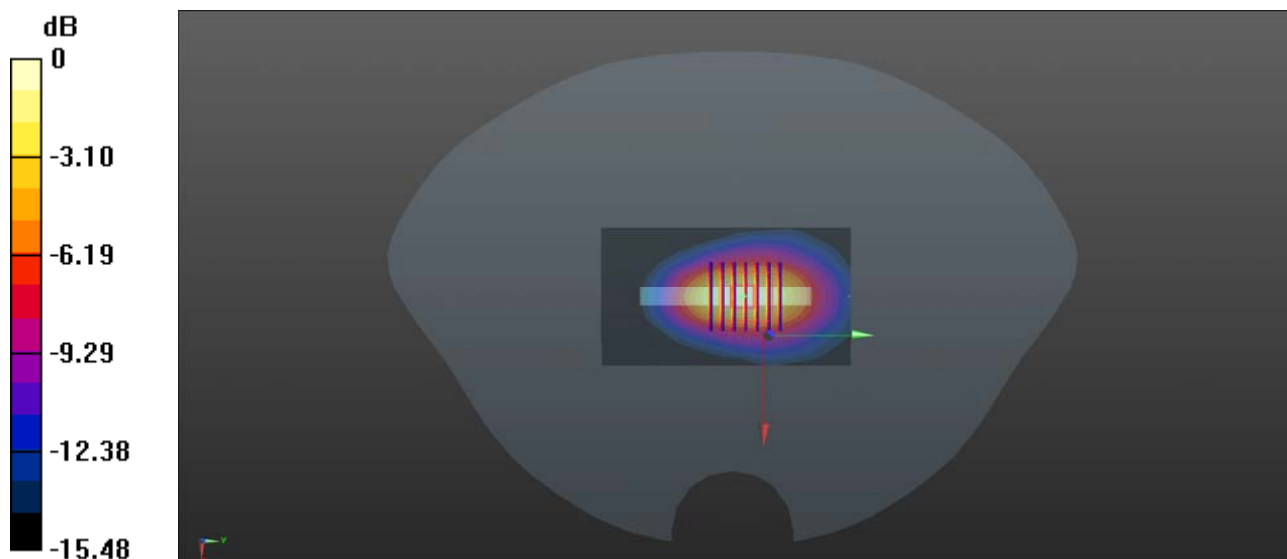
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.65, 7.65, 7.65); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1312/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.989 W/kg

Ch1312/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.22 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.435 W/kg
Maximum value of SAR (measured) = 0.907 W/kg



0 dB = 0.989 W/kg

WCDMA Band V_RMC 12.2Kbps_Back Side_10mm_Ch4183_Bottom Ant

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: MSL_835 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ S/m; $\epsilon_r = 55.746$; $\rho = 1000$ kg/m³

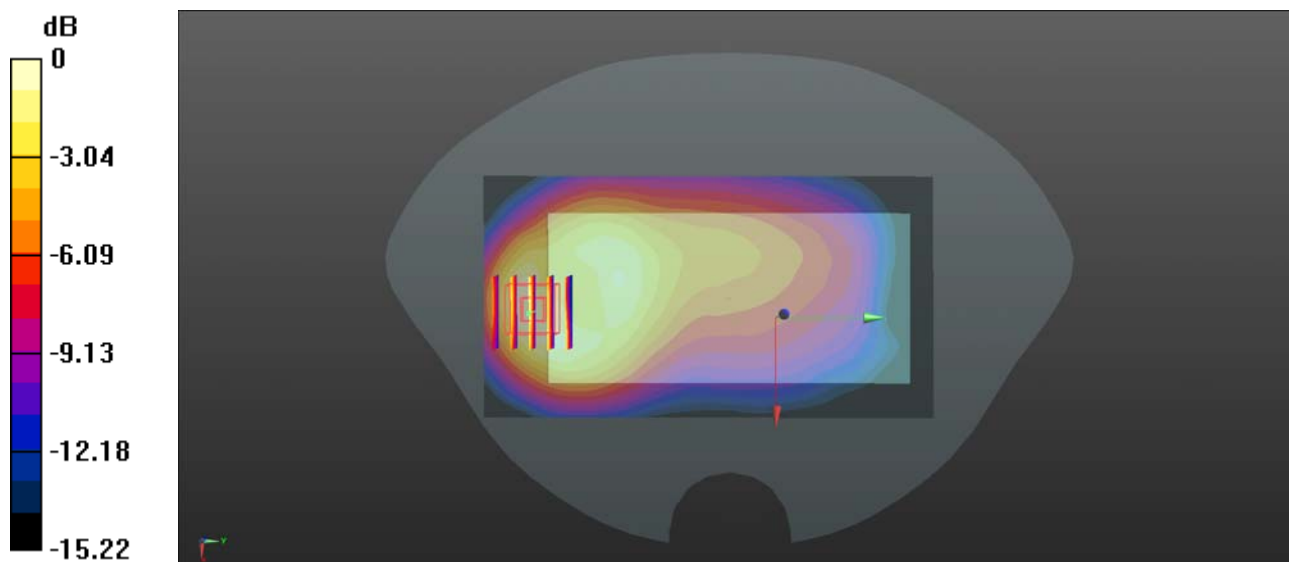
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4183/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.333 W/kg

Ch4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.149 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.558 W/kg
SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.333 W/kg

CDMA2000 BC0_RTAP 153.6Kbps_Back Side_10mm_Ch384_Bottom Ant

Communication System: UID 0, CDMA 2000 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium: MSL_835 Medium parameters used: $f = 837 \text{ MHz}$; $\sigma = 0.982 \text{ S/m}$; $\epsilon_r = 55.746$; $\rho = 1000 \text{ kg/m}^3$

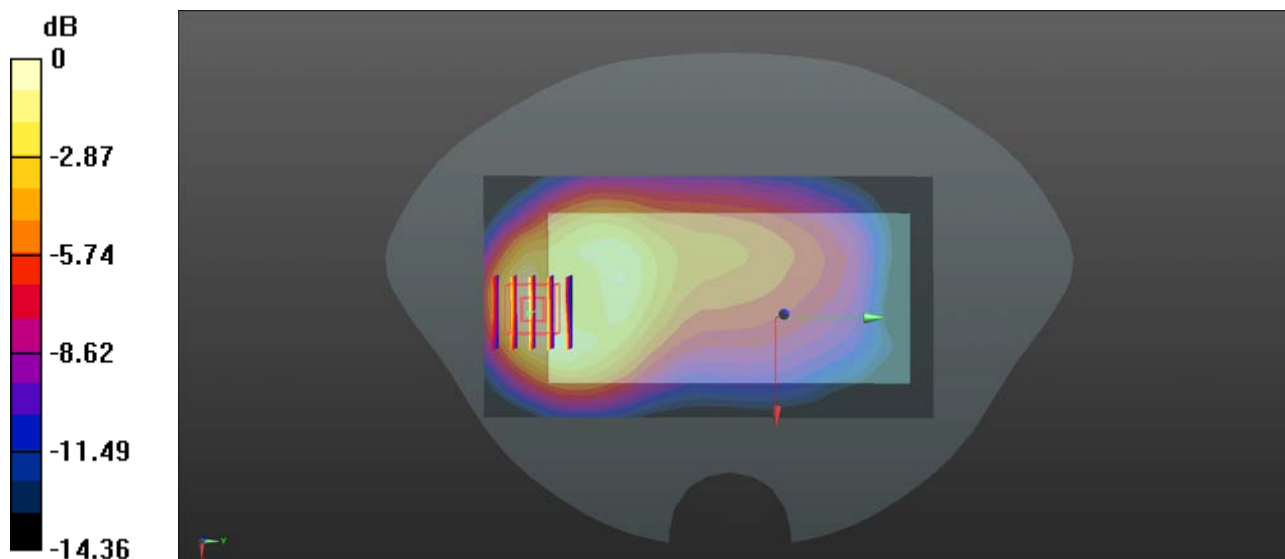
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch384/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.443 W/kg

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 11.37 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 0.738 W/kg
SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.249 W/kg
 Maximum value of SAR (measured) = 0.473 W/kg



0 dB = 0.443 W/kg

CDMA2000 BC1_RTAP 153.6Kbps_Bottom Side_10mm_Ch25_Bottom Ant

Communication System: UID 0, CDMA 2000 (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.471$ S/m; $\epsilon_r = 54.717$; $\rho = 1000$ kg/m³

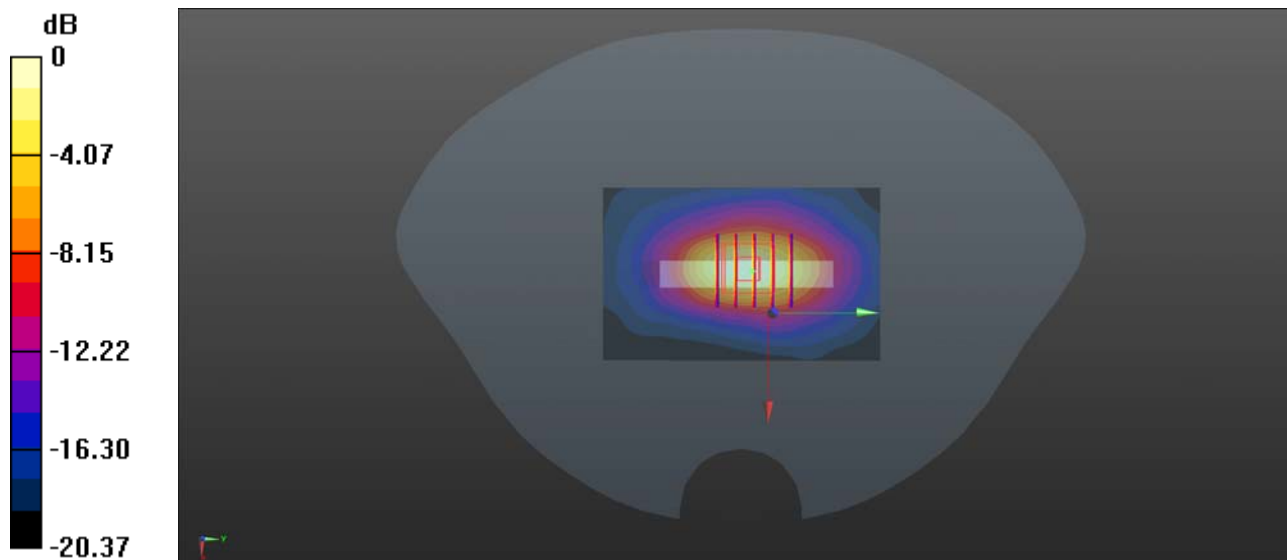
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch25/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.729 W/kg

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.50 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.980 W/kg
SAR(1 g) = 0.577 W/kg; SAR(10 g) = 0.304 W/kg
Maximum value of SAR (measured) = 0.640 W/kg



0 dB = 0.729 W/kg

LTE Band 2_20MHz_QPSK_1RB_99Offset_Bottom Side_10mm_Ch19100_Bottom Ant

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

Medium: MSL_1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.518$ S/m; $\epsilon_r = 54.556$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.03 W/kg

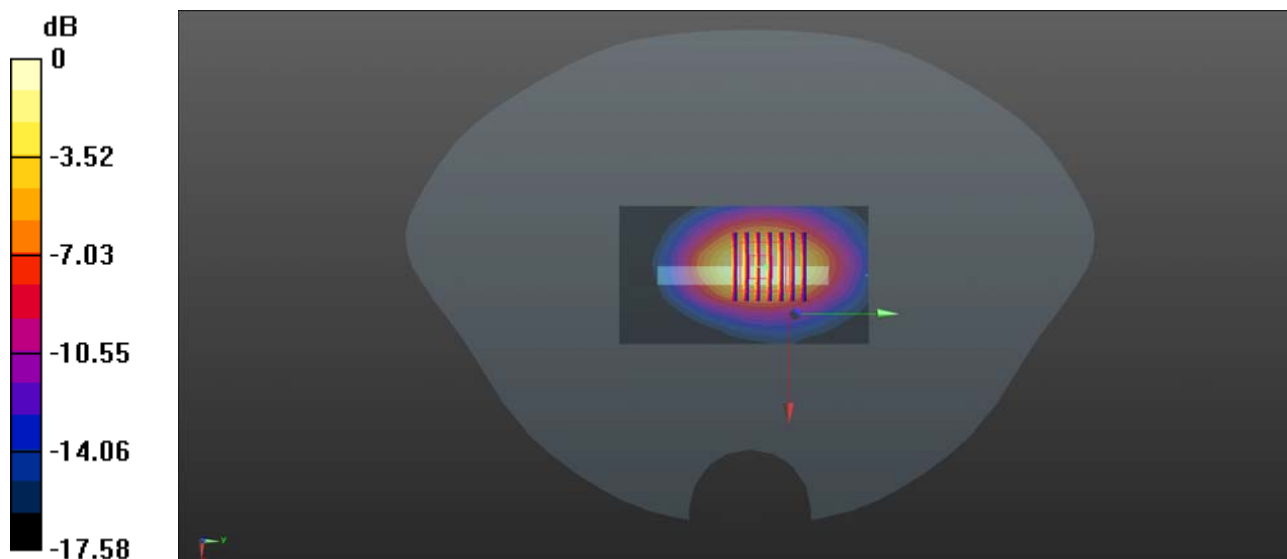
Ch19100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.54 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.475 W/kg

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



0 dB = 1.03 W/kg

LTE Band 4_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch20175_Bottom Ant

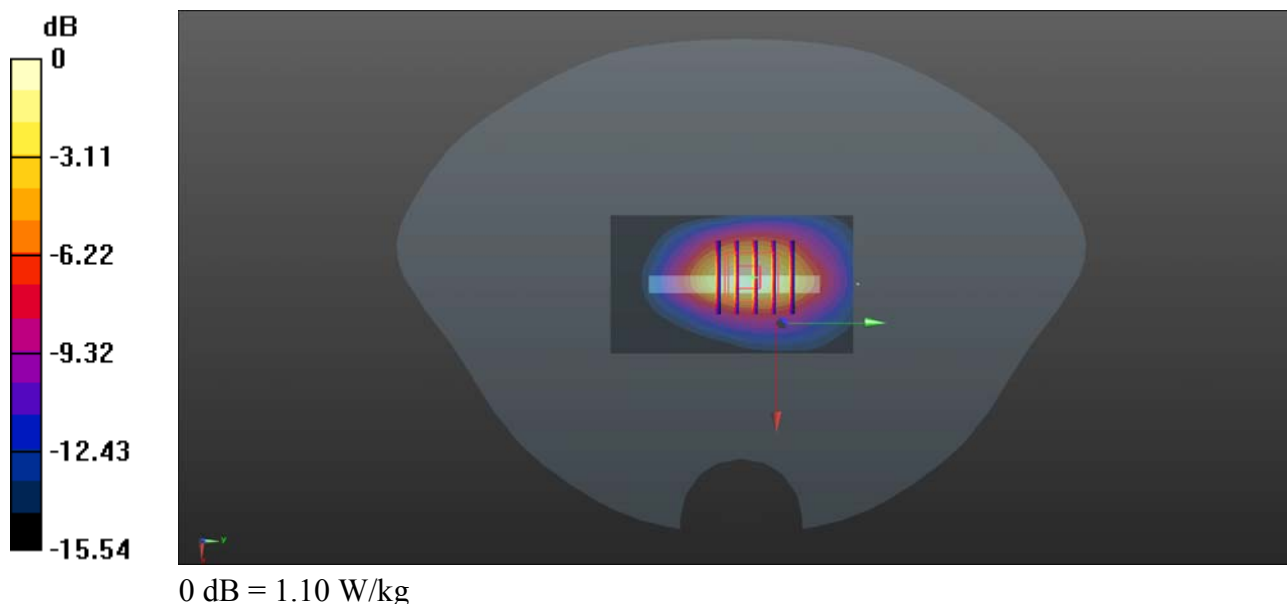
Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium: MSL_1750 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.529$ S/m; $\epsilon_r = 53.79$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.65, 7.65, 7.65); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.10 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 25.50 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.512 W/kg
 Maximum value of SAR (measured) = 1.06 W/kg



LTE Band 5_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20525_Top Ant

Communication System: UID 0, LTE (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: MSL_835 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.982$ S/m; $\epsilon_r = 55.79$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.298 W/kg

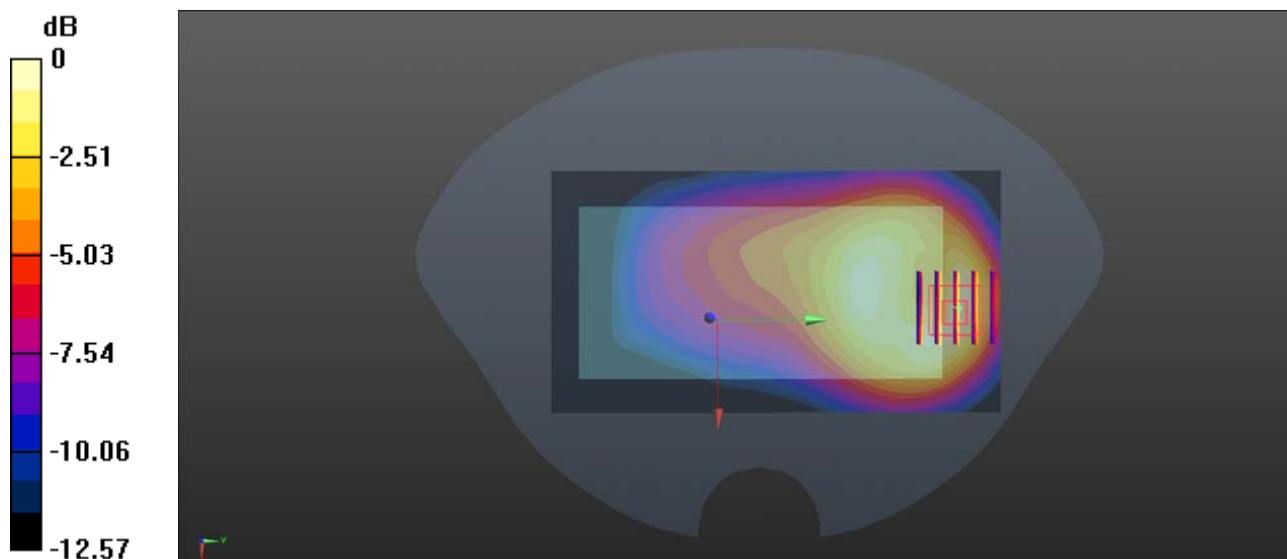
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.623 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.170 W/kg

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



0 dB = 0.298 W/kg

LTE Band 7_20MHz_QPSK_1RB_49Offset_Bottom Side_10mm_Ch21100_Bottom Ant

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

Medium: MSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.978$ S/m; $\epsilon_r = 52.747$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.01, 7.01, 7.01); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

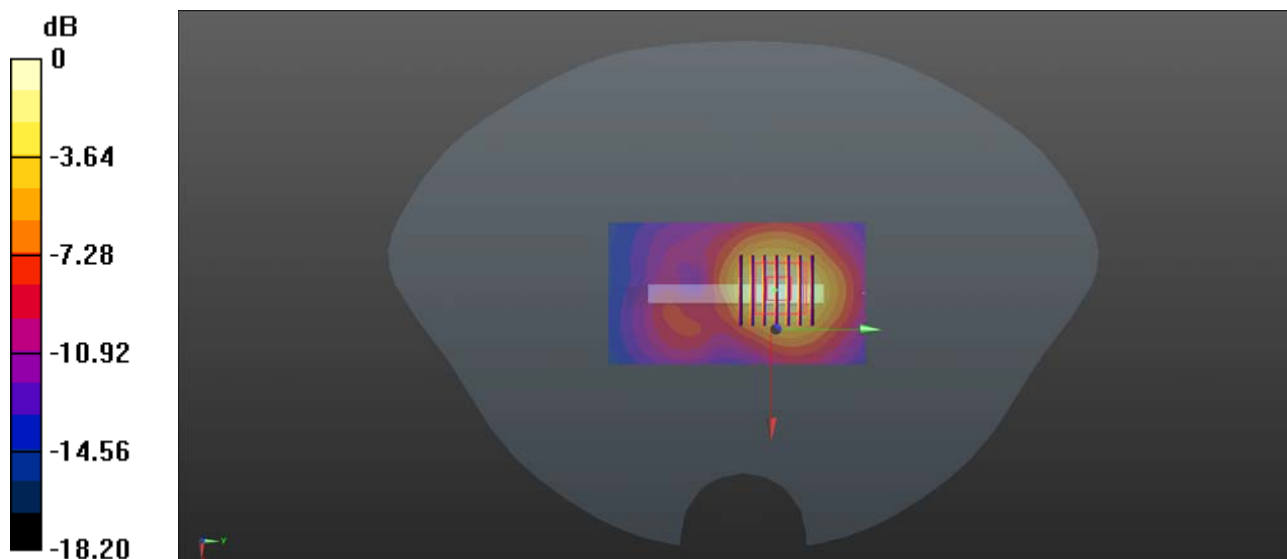
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.63 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.570 W/kg

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



0 dB = 1.28 W/kg

LTE Band 12_10MHz_QPSK_1RB_25Offset_Right Side_10mm_Ch23130_Bottom Ant

Communication System: UID 0, LTE (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL_750 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.934 \text{ S/m}$; $\epsilon_r = 54.838$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(6.34, 6.34, 6.34); Calibrated: 2019.07.16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23130/Area Scan (41x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.146 W/kg

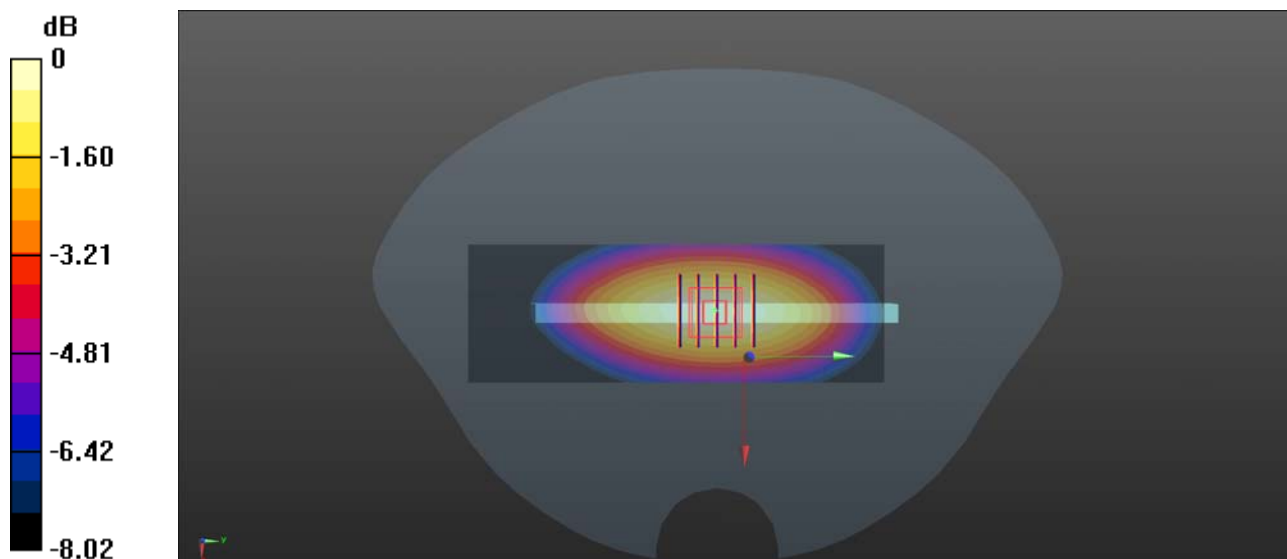
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.67 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.139 W/kg ; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.148 W/kg



0 dB = 0.146 W/kg

LTE Band 17_10MHz_QPSK_1RB_25Offset_Right Side_10mm_Ch23780_Bottom Ant

Communication System: UID 0, LTE (0); Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL_750 Medium parameters used: $f = 709 \text{ MHz}$; $\sigma = 0.932 \text{ S/m}$; $\epsilon_r = 54.855$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(6.34, 6.34, 6.34); Calibrated: 2019.07.16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1474
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23780/Area Scan (41x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.145 W/kg

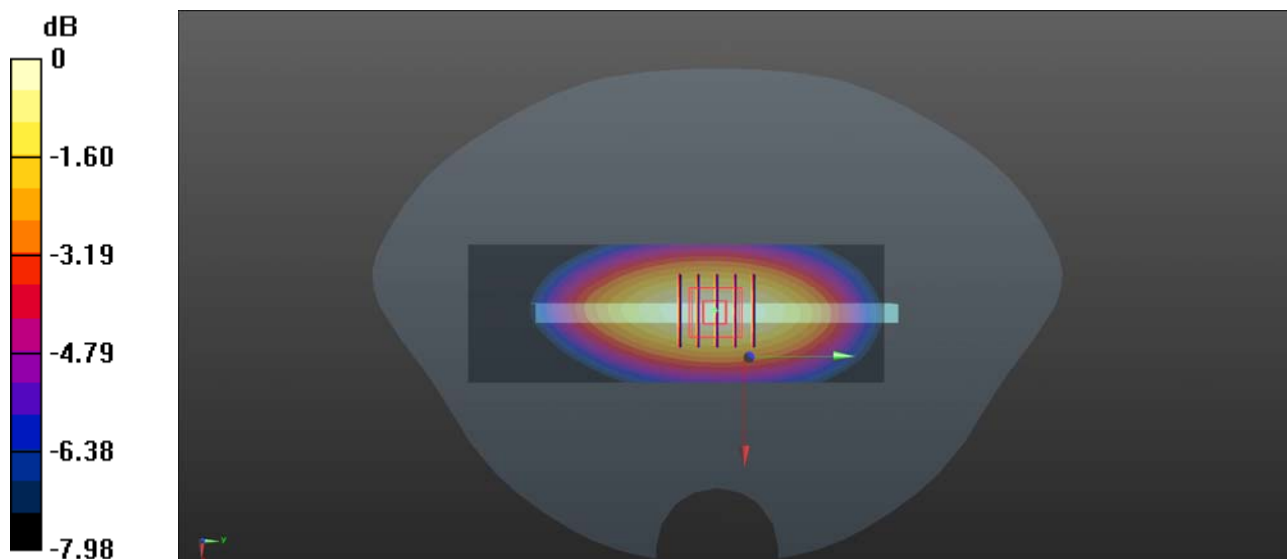
Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.57 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.138 W/kg ; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.147 W/kg



0 dB = 0.145 W/kg

LTE Band 18_15MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23925_Bottom Ant

Communication System: UID 0, LTE (0); Frequency: 822.5 MHz; Duty Cycle: 1:1

Medium: MSL_835 Medium parameters used: $f = 822.5$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 55.727$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23925/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.297 W/kg

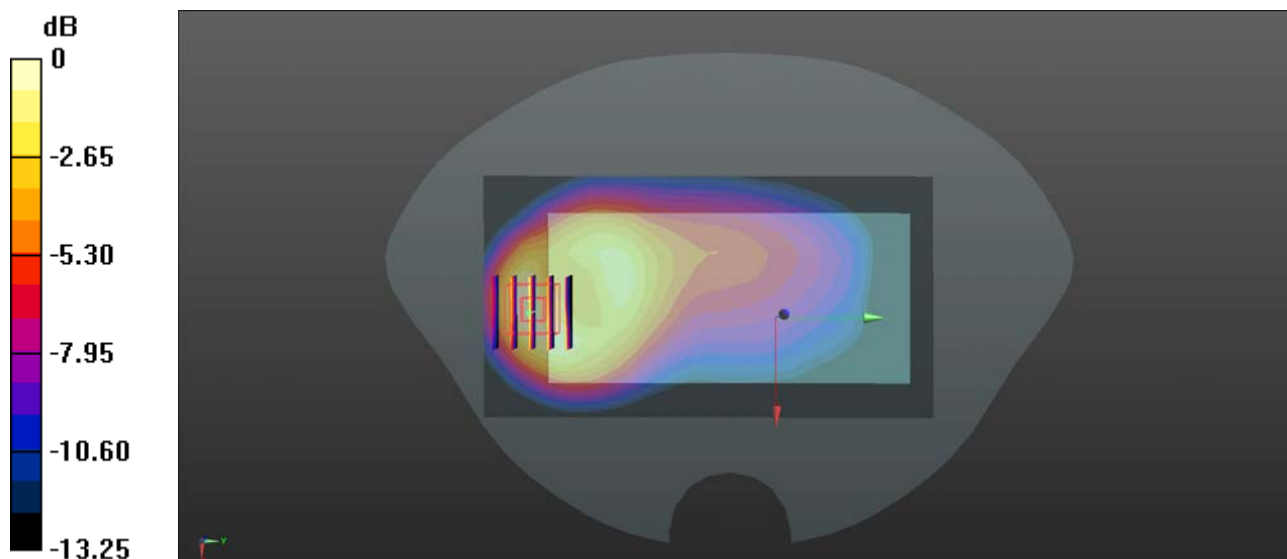
Ch23925/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.664 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.170 W/kg

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



0 dB = 0.297 W/kg

LTE Band 19_15MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch24075_Bottom Ant

Communication System: UID 0, LTE (0); Frequency: 837.5 MHz; Duty Cycle: 1:1

Medium: MSL_835 Medium parameters used: $f = 837.5$ MHz; $\sigma = 0.982$ S/m; $\epsilon_r = 55.756$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch24075/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.334 W/kg

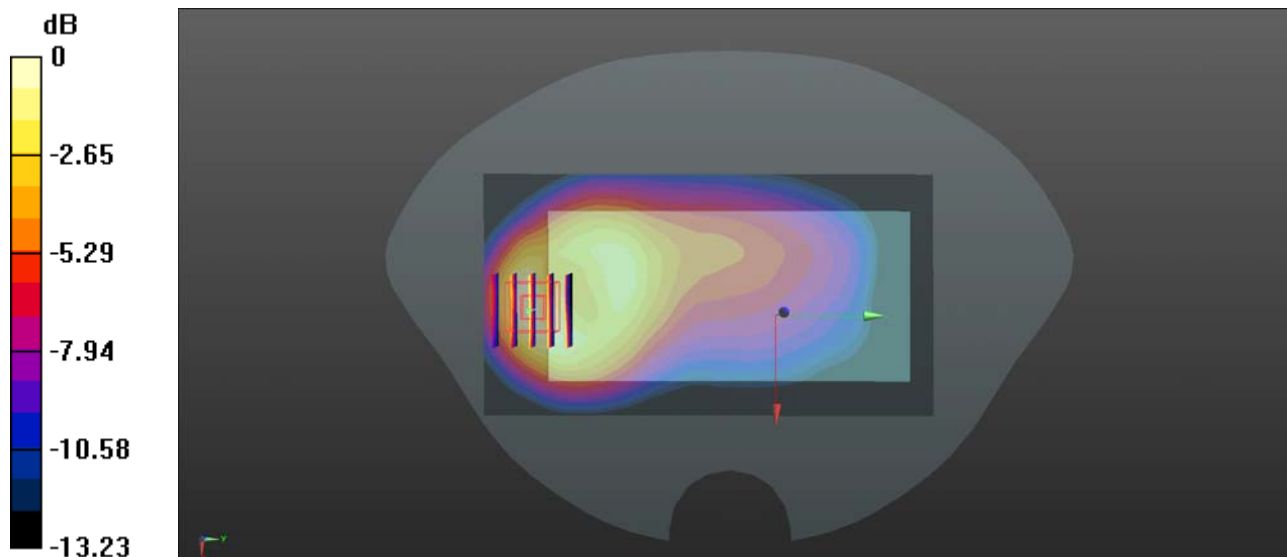
Ch24075/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.33 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.559 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.357 W/kg



0 dB = 0.334 W/kg

LTE Band 25_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch26590_Bottom Ant

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

Medium: MSL_1900 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.522$ S/m; $\epsilon_r = 54.486$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26590/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.08 W/kg

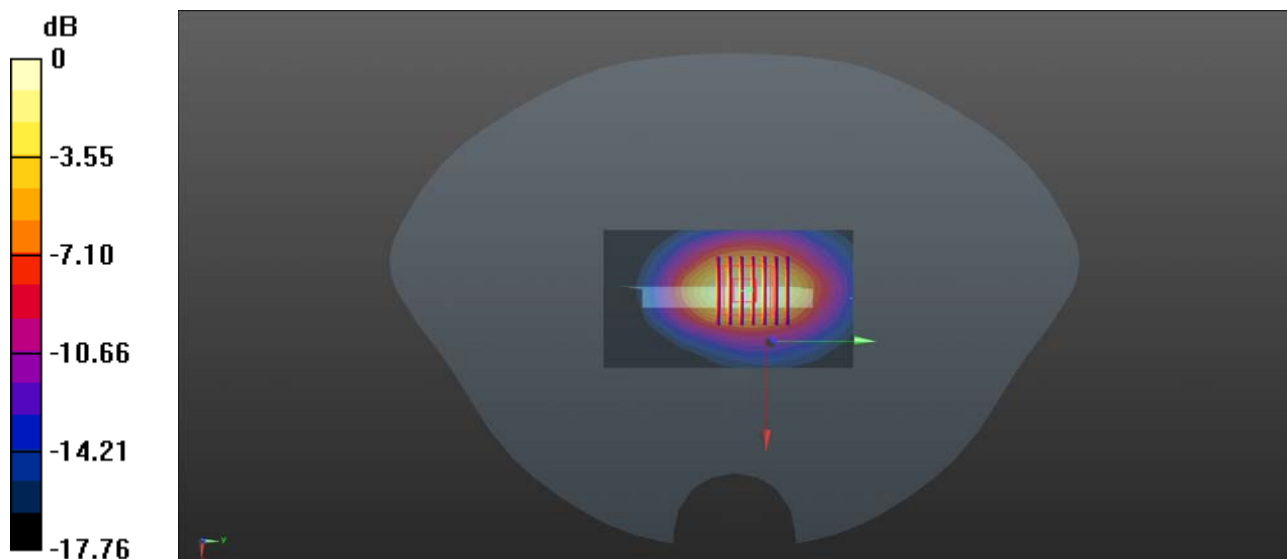
Ch26590/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.95 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.495 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.08 W/kg

LTE Band 26_15MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch26965_Bottom Ant

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

Medium: MSL_835 Medium parameters used: $f = 841.5 \text{ MHz}$; $\sigma = 0.986 \text{ S/m}$; $\epsilon_r = 55.688$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $22.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26965/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.306 W/kg

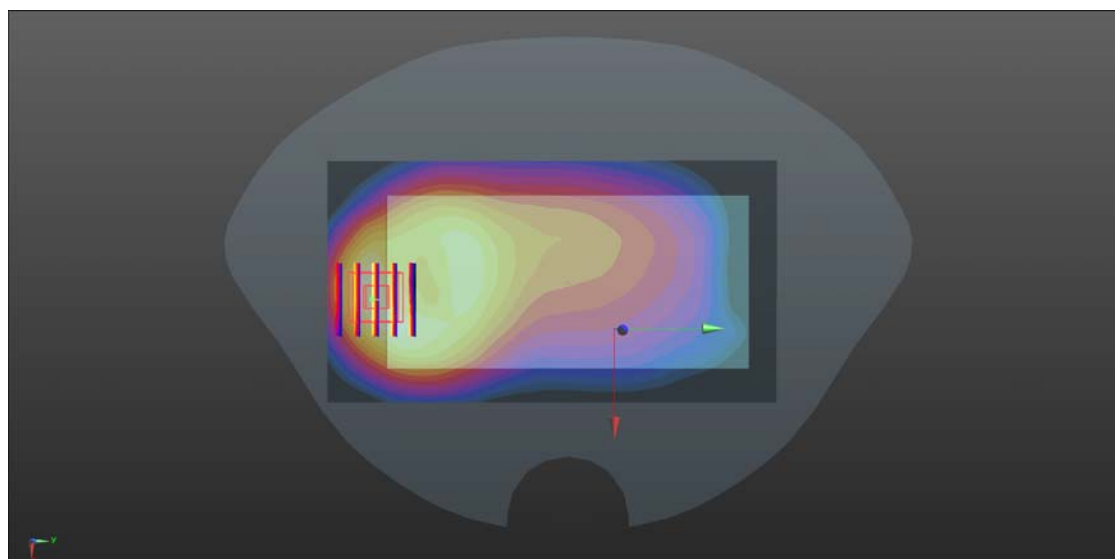
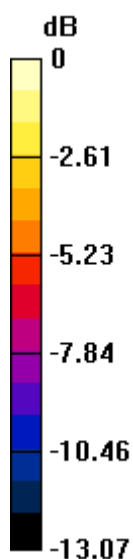
Ch26965/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.798 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.511 W/kg

SAR(1 g) = 0.303 W/kg ; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.325 W/kg



0 dB = 0.306 W/kg

LTE Band 30_10MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch27710_Bottom Ant

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

Medium: MSL_2600 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.691$ S/m; $\epsilon_r = 53.432$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.01, 7.01, 7.01); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch27710/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.19 W/kg

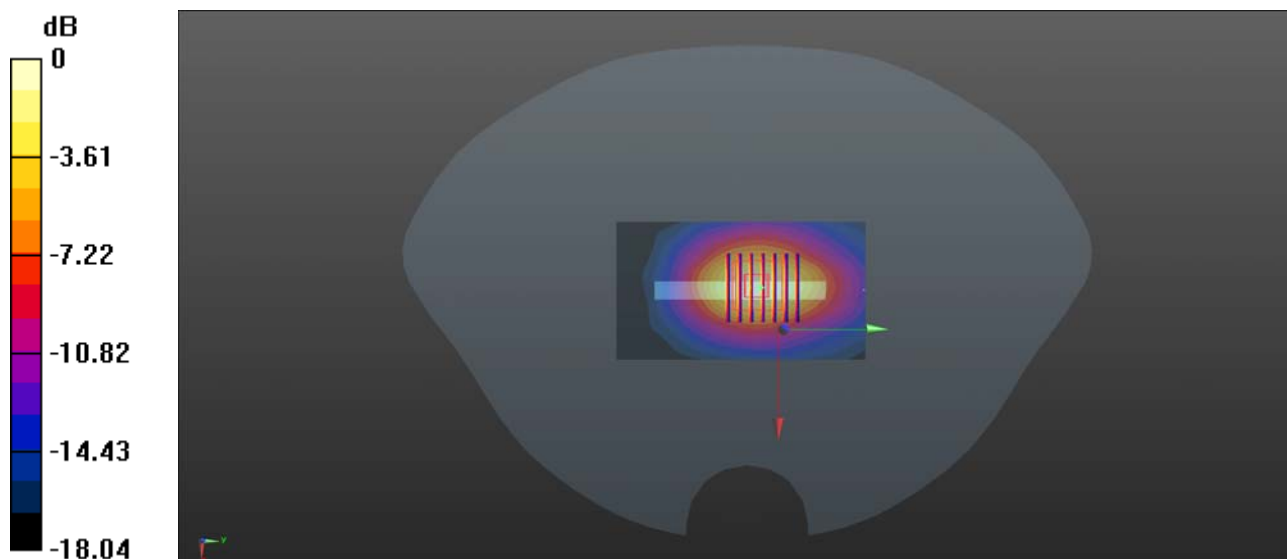
Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.20 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.505 W/kg

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



0 dB = 1.19 W/kg

LTE Band 66_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch132322_Bottom Ant

Communication System: UID 0, LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1.59

Medium: MSL_1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.542$ S/m; $\epsilon_r = 53.763$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.65, 7.65, 7.65); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

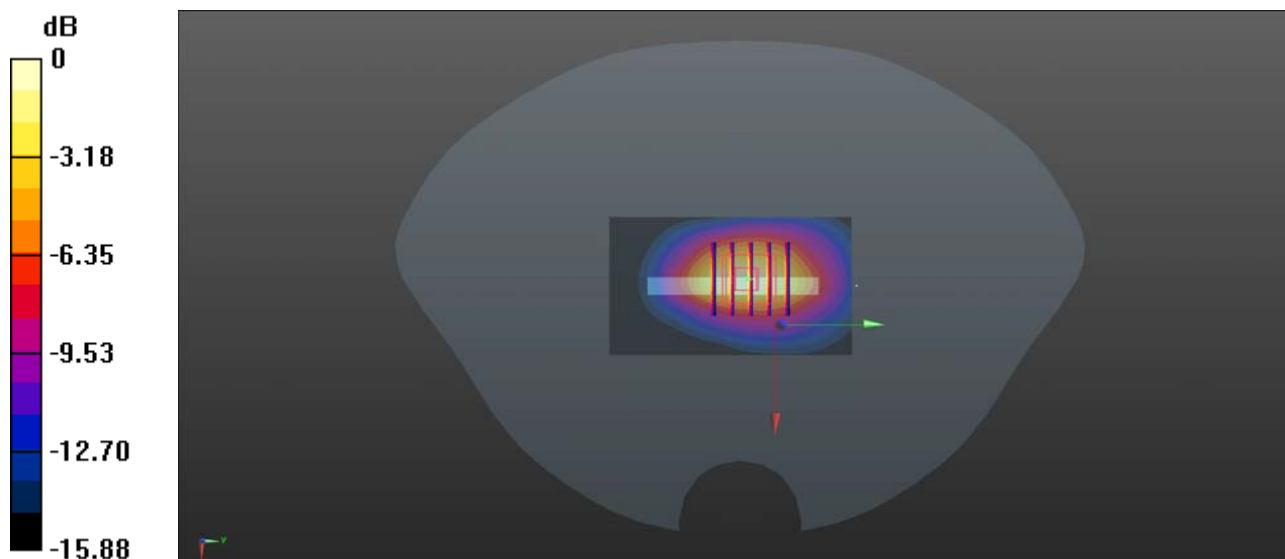
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.82 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.527 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.13 W/kg

LTE Band 38_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch38150_Bottom Ant

Communication System: UID 0, LTE (0); Frequency: 2610 MHz; Duty Cycle: 1:1.59

Medium: MSL_2600 Medium parameters used: $f = 2610$ MHz; $\sigma = 2.084$ S/m; $\epsilon_r = 52.455$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.01, 7.01, 7.01); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.300 W/kg

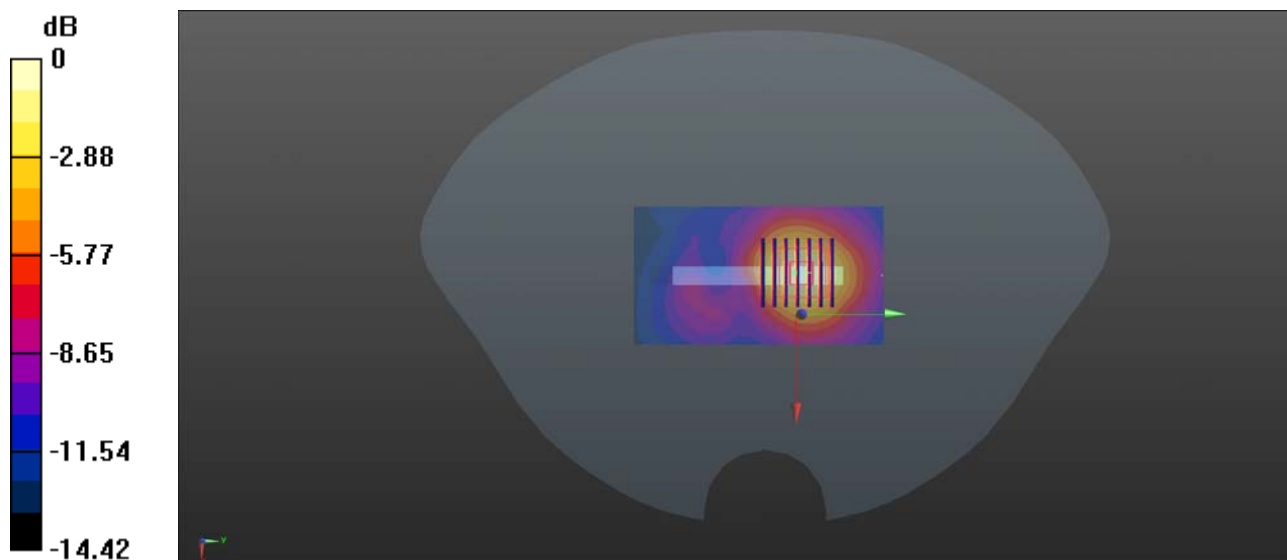
Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.943 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.456 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.283 W/kg



0 dB = 0.300 W/kg

LTE Band 40A_10MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch38750_Bottom Ant

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

Medium: MSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.691$ S/m; $\epsilon_r = 53.432$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.38, 7.38, 7.38); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38750/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

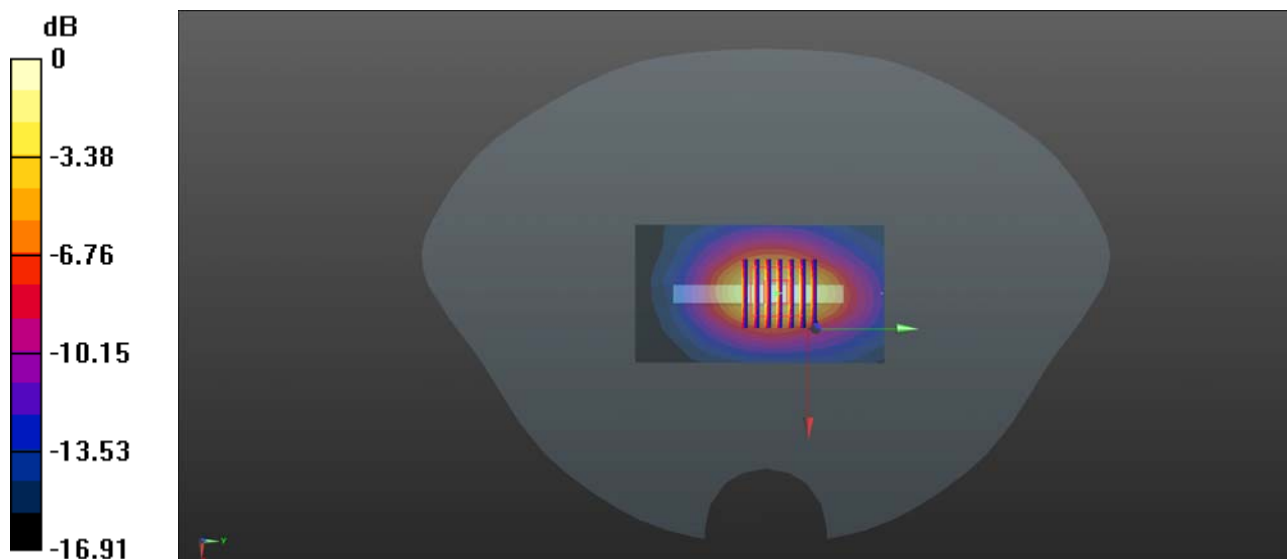
Ch38750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.12 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.913 W/kg

SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.258 W/kg

Maximum value of SAR (measured) = 0.581 W/kg



0 dB = 0.608 W/kg

LTE Band 40B_10MHz_QPSK_1RB_25Offset_Bottom Side_10mm_Ch39200_Bottom Ant

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

Medium: MSL_2300 Medium parameters used: $f = 2355$ MHz; $\sigma = 1.749$ S/m; $\epsilon_r = 53.361$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.38, 7.38, 7.38); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39200/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.592 W/kg

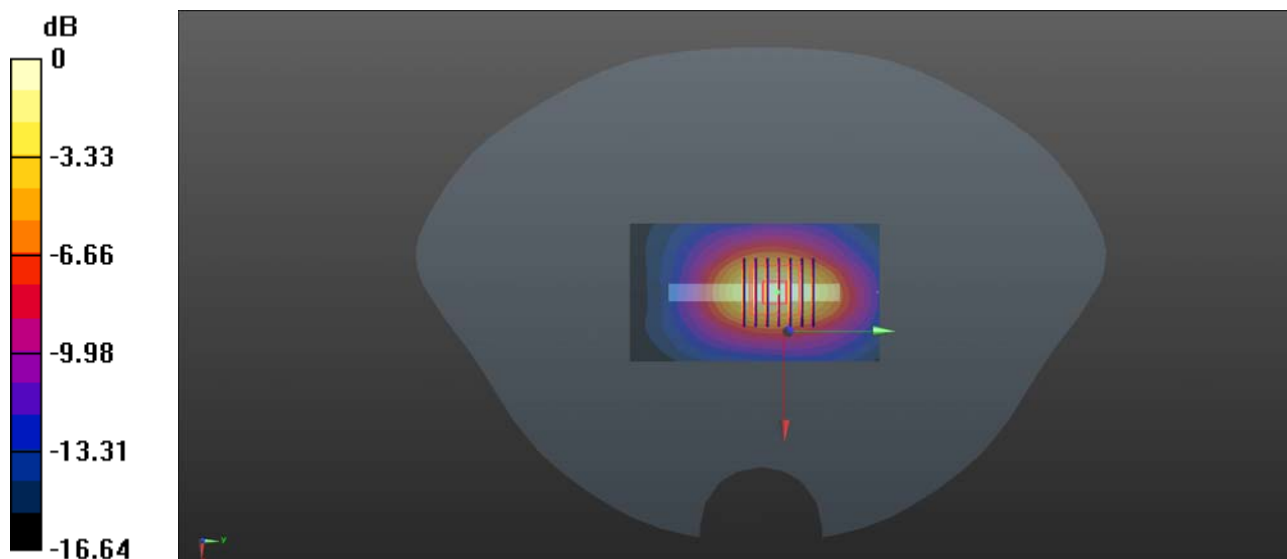
Ch39200/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.29 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.883 W/kg

SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 0.552 W/kg



0 dB = 0.592 W/kg

LTE Band 41_20MHz_QPSK_1RB_99Offset_Bottom Side_10mm_Ch40340_Bottom Ant

Communication System: UID 0, LTE (0); Frequency: 2565 MHz; Duty Cycle: 1:1.59

Medium: MSL_2600 Medium parameters used: $f = 2565$ MHz; $\sigma = 2.018$ S/m; $\epsilon_r = 52.623$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.01, 7.01, 7.01); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40340/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.288 W/kg

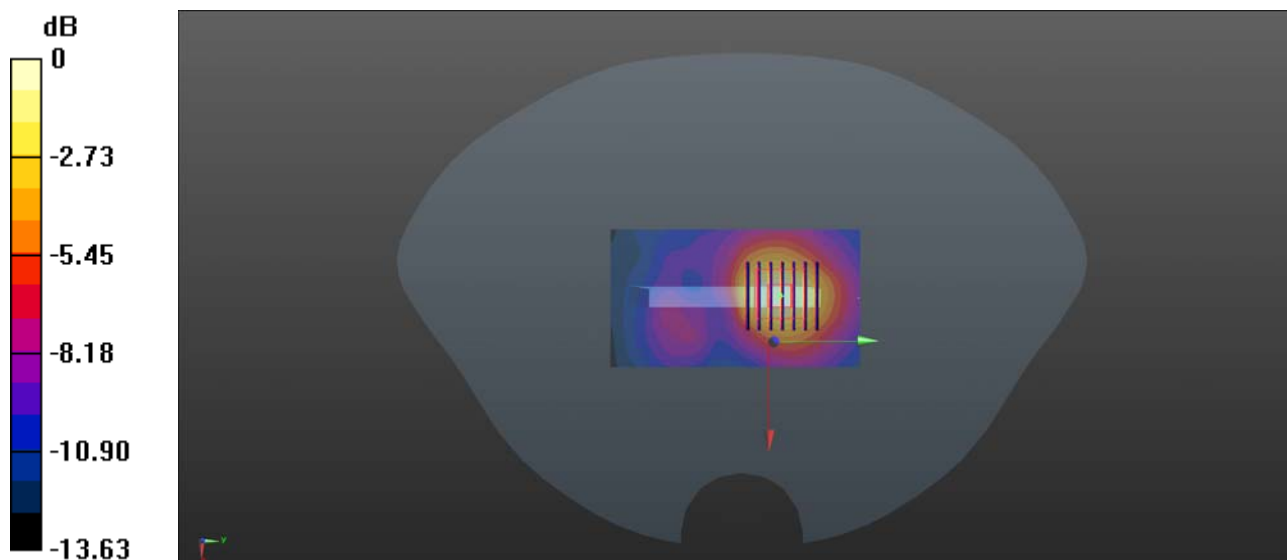
Ch40340/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.480 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.448 W/kg

SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.279 W/kg



0 dB = 0.288 W/kg

WLAN 2.4GHz_802.11b 1Mbps_Back Side_10mm_Ch1_Ant 0

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.818$ S/m; $\epsilon_r = 53.137$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0816 W/kg

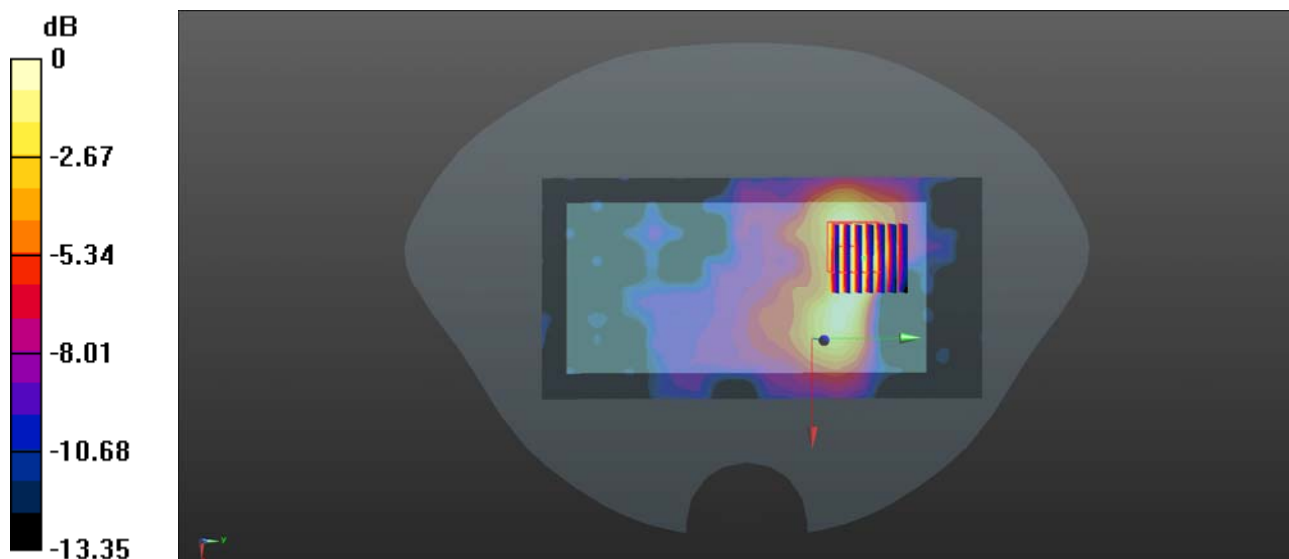
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.698 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0790 W/kg



Bluetooth DH5_Back Side_10mm_Ch0

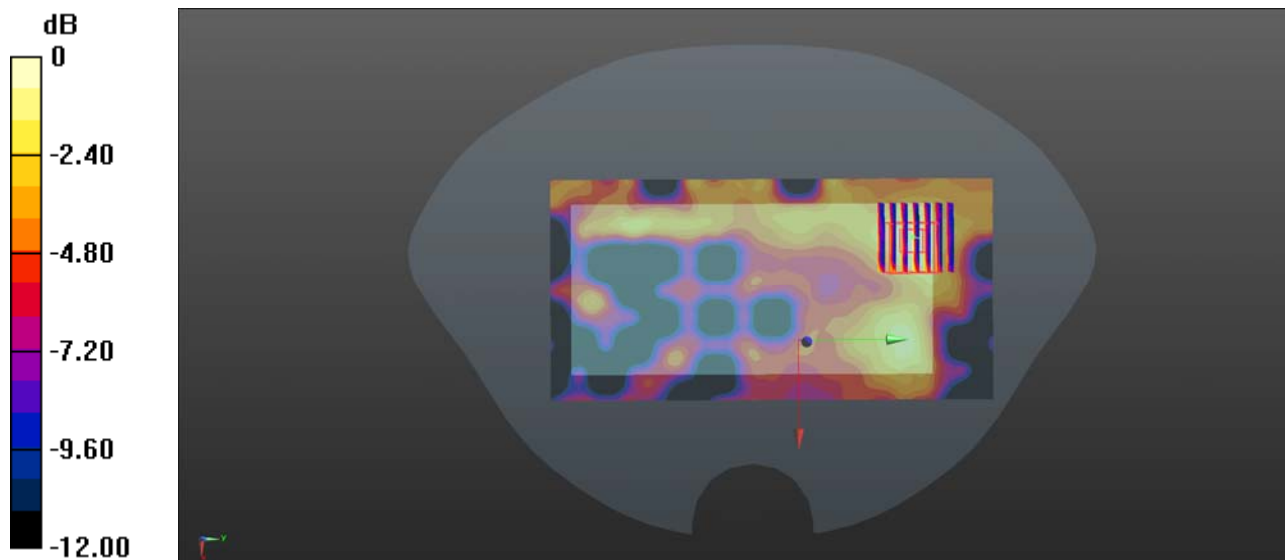
Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1
 Medium: MSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 53.163$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.0248 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 1.491 V/m; Power Drift = -4.87 dB
 Peak SAR (extrapolated) = 0.0400 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.011 W/kg
 Maximum value of SAR (measured) = 0.0234 W/kg



0 dB = 0.0248 W/kg