



REPORT No.: SZ23040024S01

Annex D Plots of Maximum SAR Test Results

GSM850_GPRS(2 TX slots)_Right Cheek_Ch189

Communication System: UID 0, GSM850(class 10) (0); Frequency: 836.4 MHz; Duty Cycle: 1:4.15

Medium: HSL_900 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 42.978$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10, 10, 10) @ 836.4 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch189/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.381 W/kg

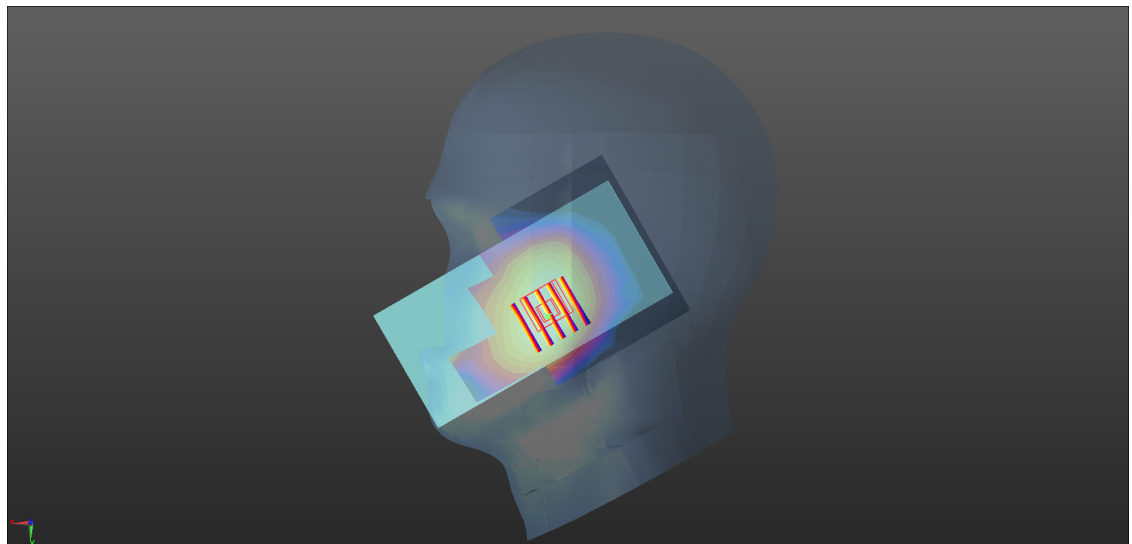
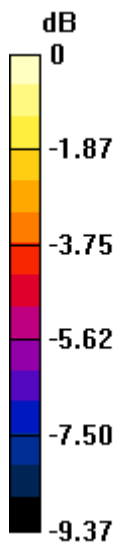
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.671 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.241 W/kg

Maximum value of SAR (measured) = 0.360 W/kg



0 dB = 0.360 W/kg

WCDMA Band II_RMC 12.2Kbps_Right Cheek_Ch9400

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1800 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.167$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch9400/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.208 W/kg

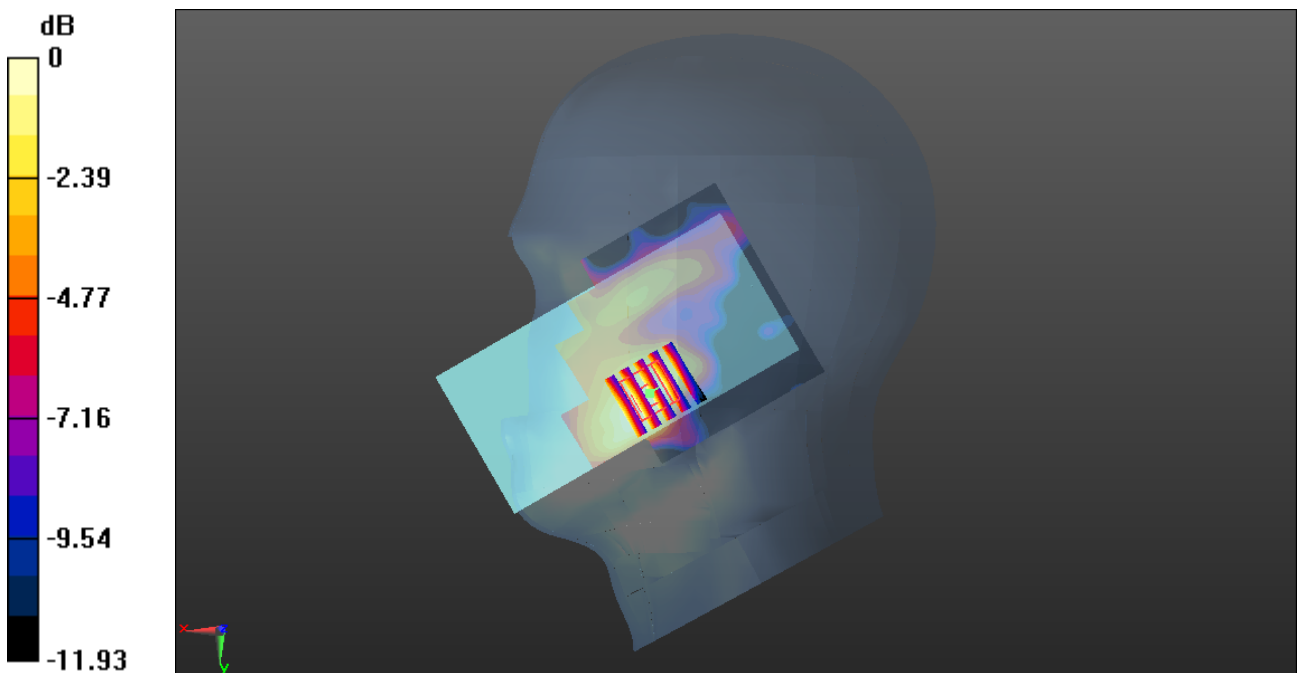
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.587 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.190 W/kg

WCDMA Band II_RMC 12.2Kbps_Right Cheek_Ch9400

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1800 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.167$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch9400/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.208 W/kg

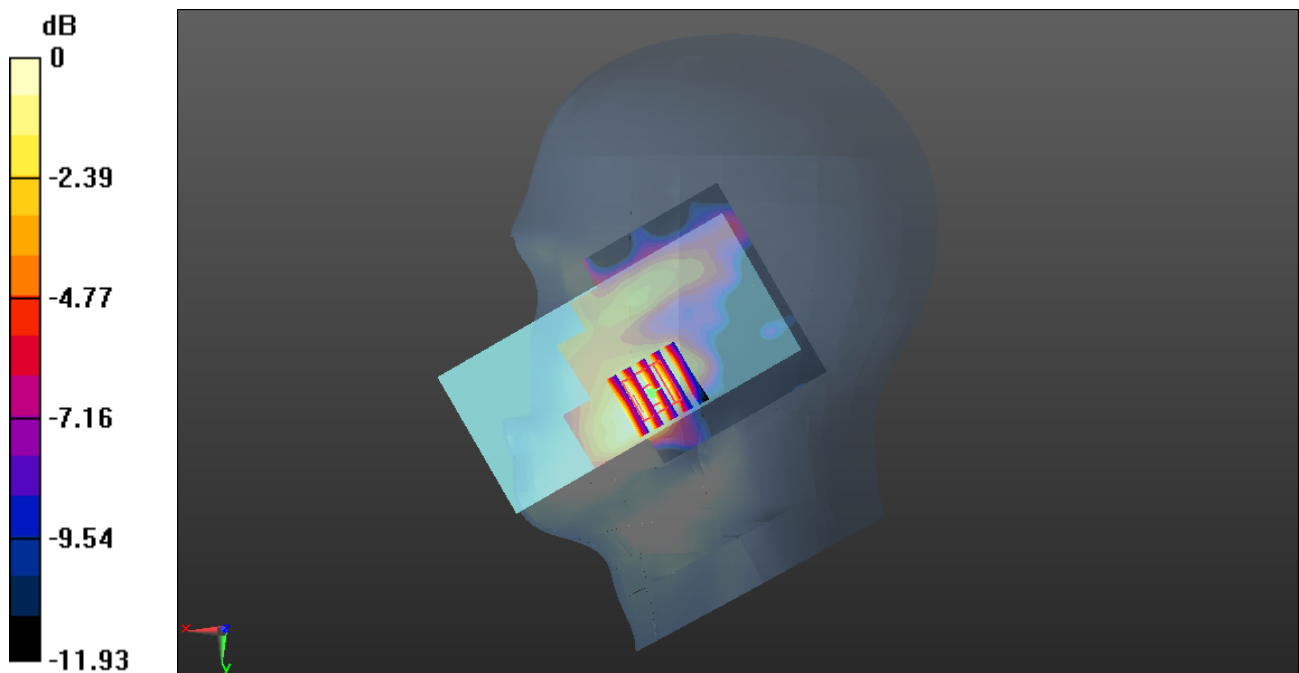
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.587 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.190 W/kg

WCDMA Band IV_RMC 12.2Kbps_Right Cheek_Ch1413

Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1800 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 41.367$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1733 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

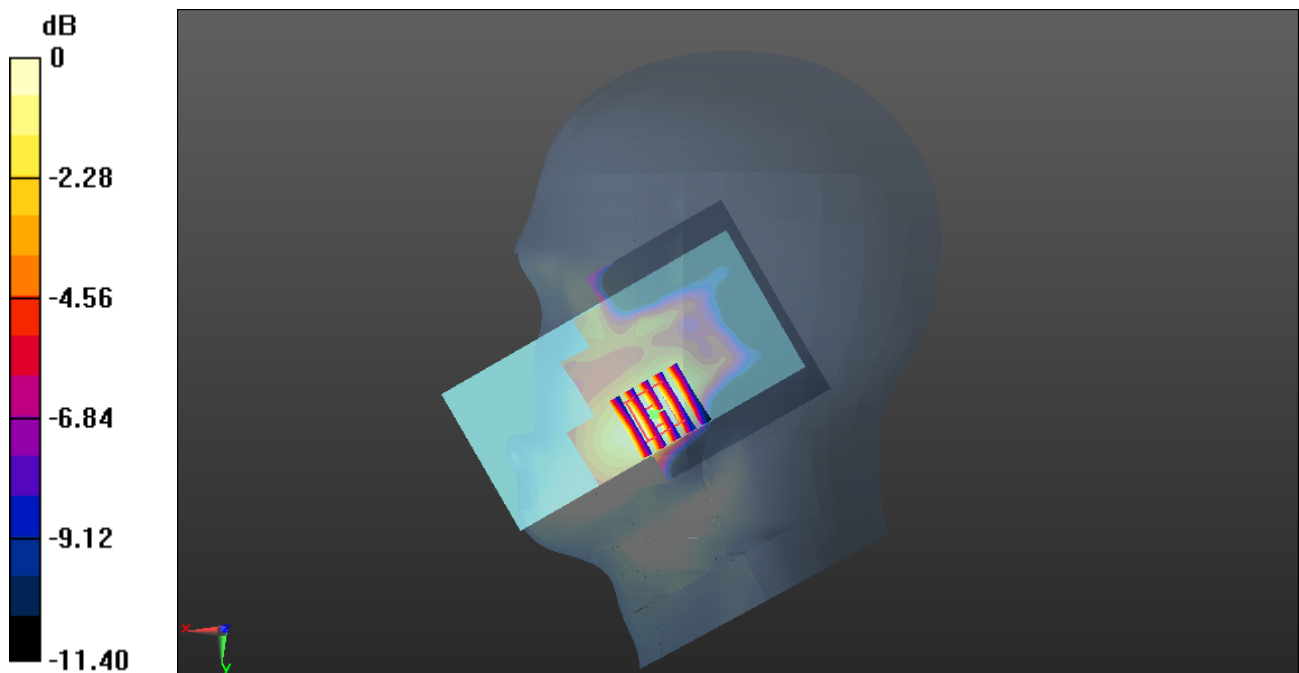
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.678 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.263 W/kg

WCDMA Band V_RMC 12.2Kbps_Right Cheek_Ch4182

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_900 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.958$ S/m; $\epsilon_r = 40.843$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10, 10, 10) @ 836.4 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch4182/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.287 W/kg

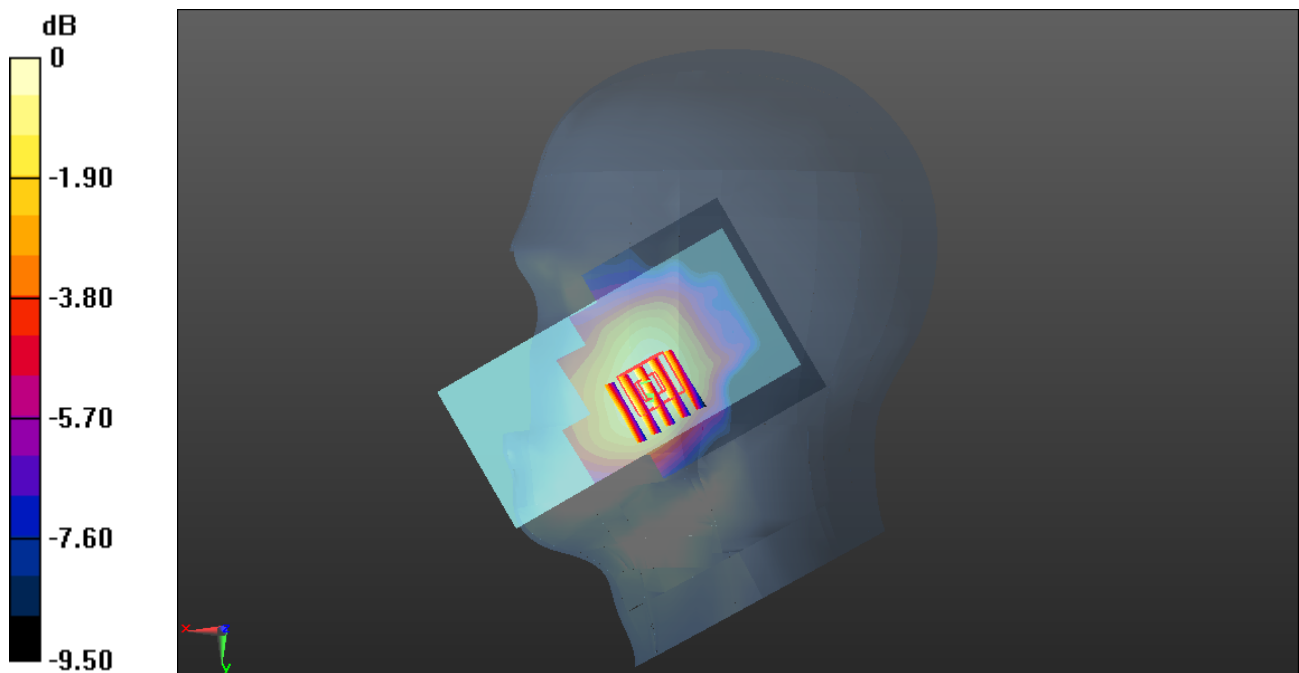
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.471 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (measured) = 0.277 W/kg



0 dB = 0.277 W/kg

LTE Band 2_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch18900

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

Medium: HSL_1800 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.167$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

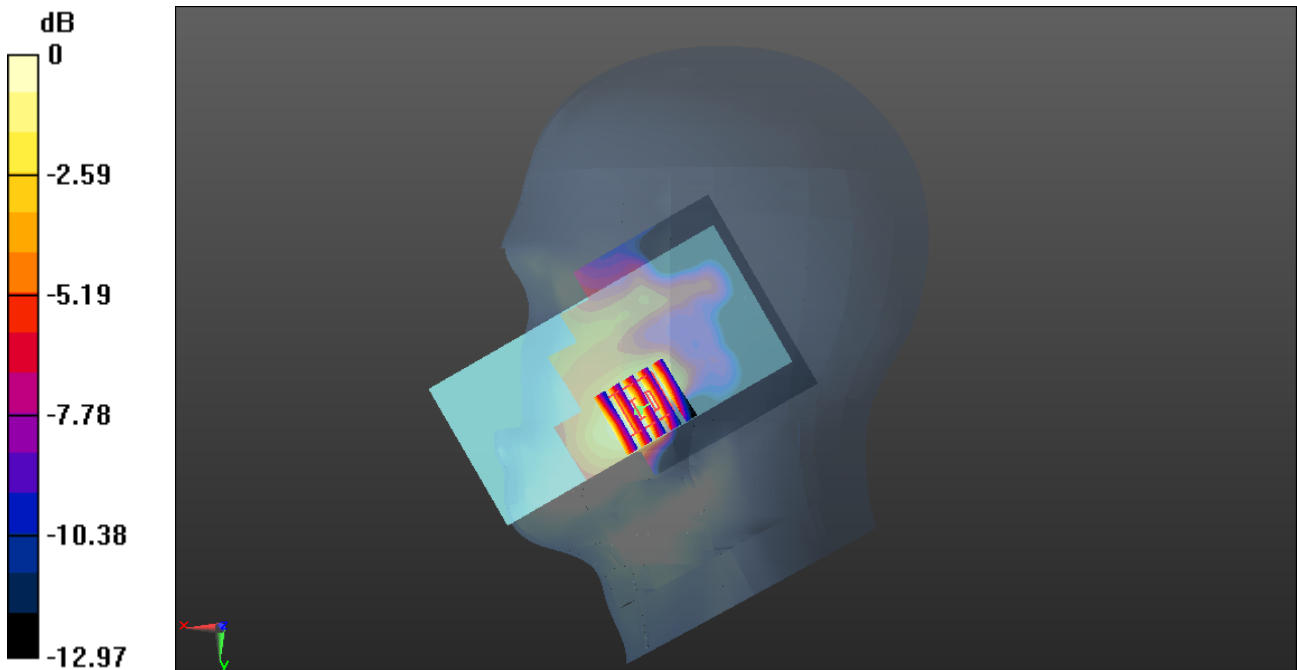
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.291 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.138 W/kg

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



0 dB = 0.275 W/kg

LTE Band 5_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch20525

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

Medium: HSL_900 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 42.967$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10, 10, 10) @ 836.5 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.371 W/kg

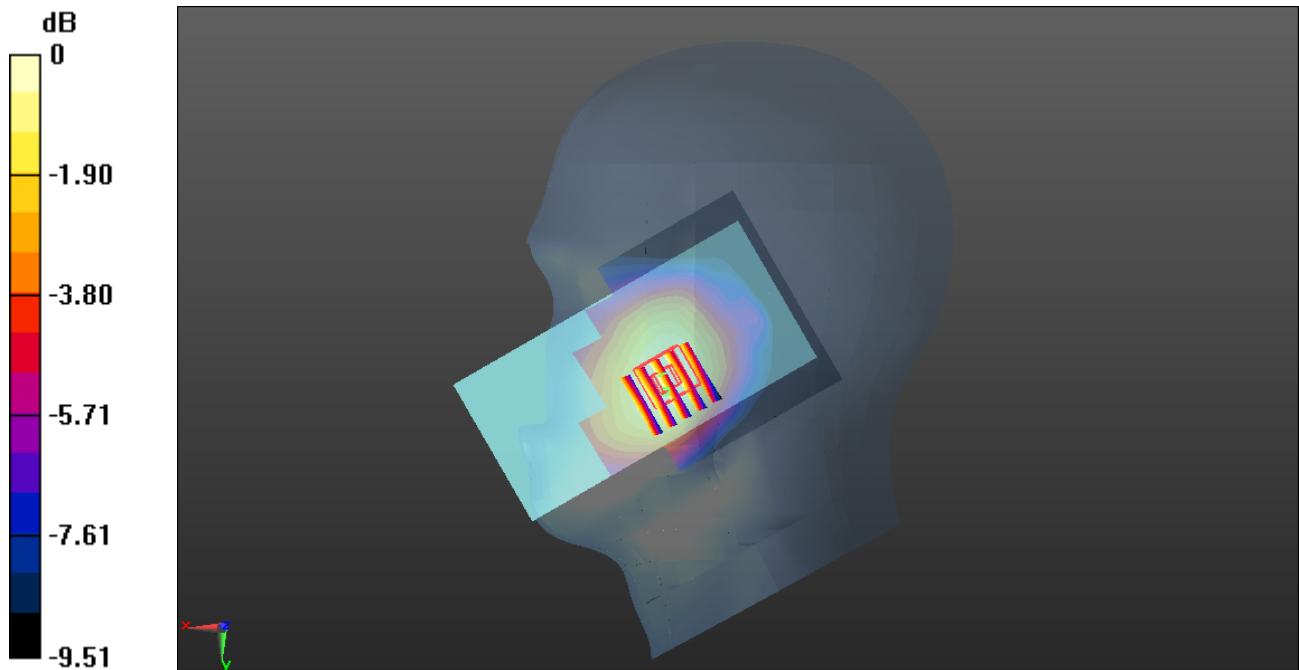
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.598 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.238 W/kg

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



0 dB = 0.357 W/kg

LTE Band 7_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch21100

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

Medium: HSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 38.489$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.34, 7.34, 7.34) @ 2535 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch21100/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.111 W/kg

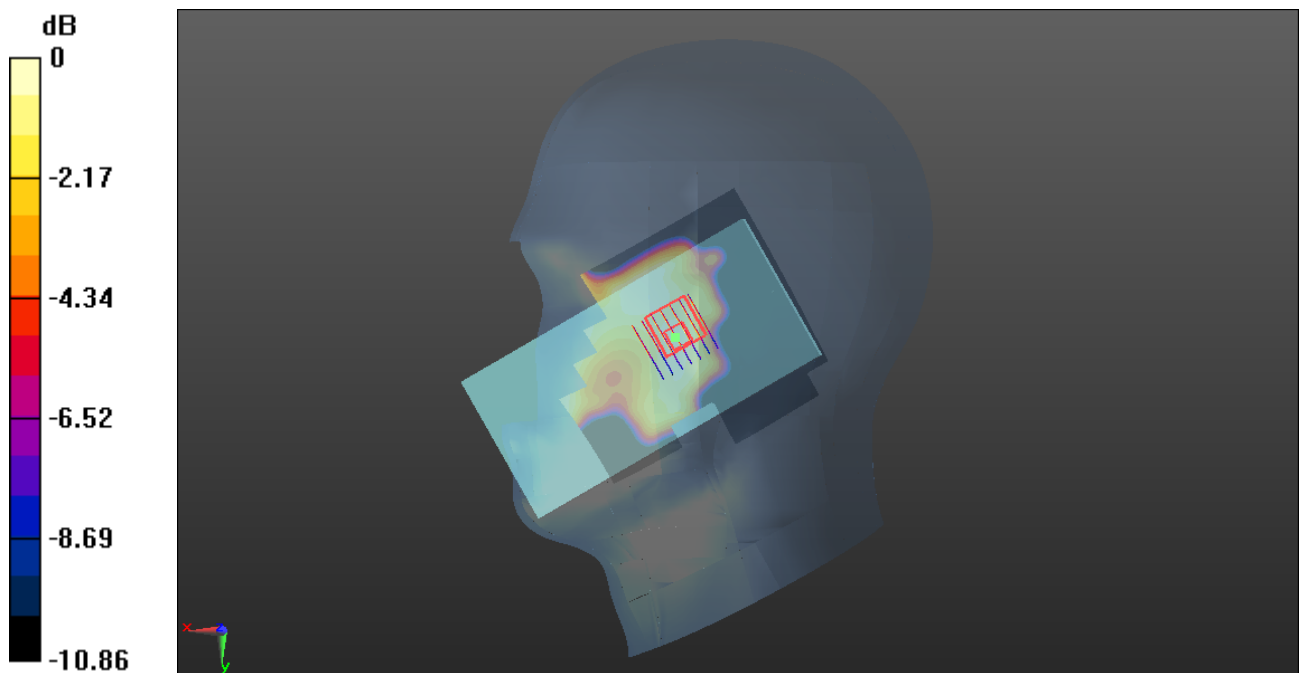
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.213 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.106 W/kg



LTE Band 12_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch23095

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

Medium: HSL_750 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 42.233$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 707.5 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch23095/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.323 W/kg

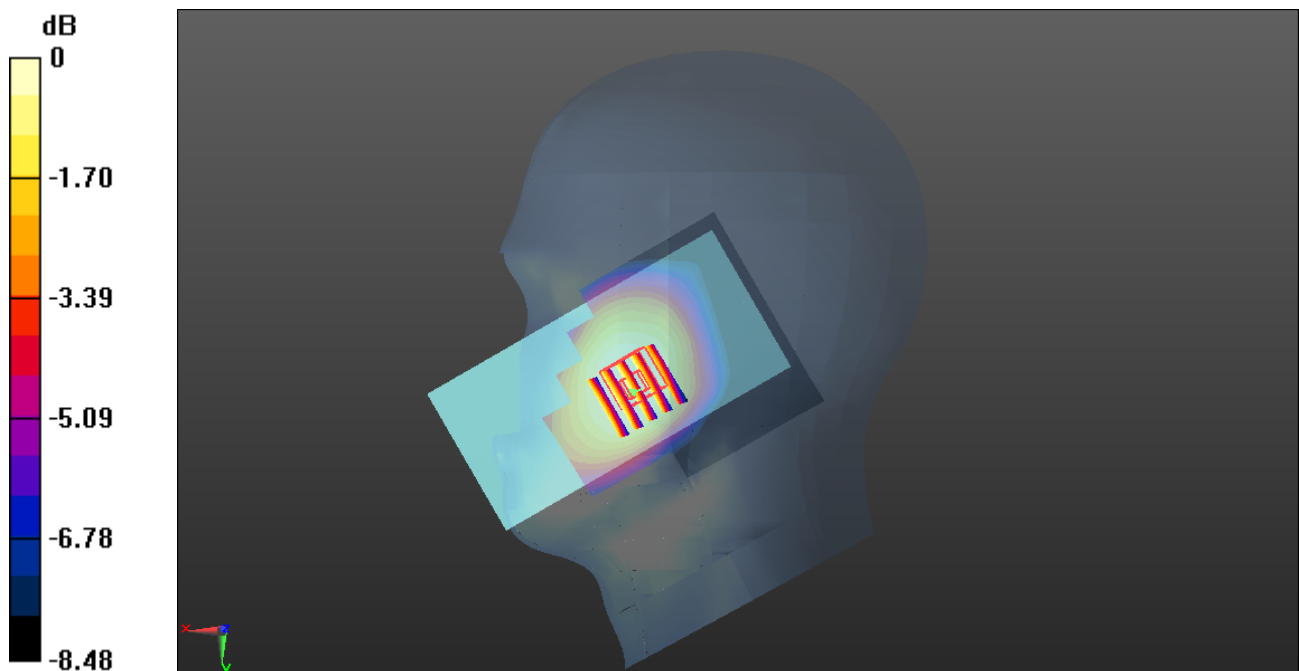
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.914 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.206 W/kg

Maximum value of SAR (measured) = 0.295 W/kg



0 dB = 0.295 W/kg

LTE Band 66_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch132322

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

Medium: HSL_1800 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1745 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch132322/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.398 W/kg

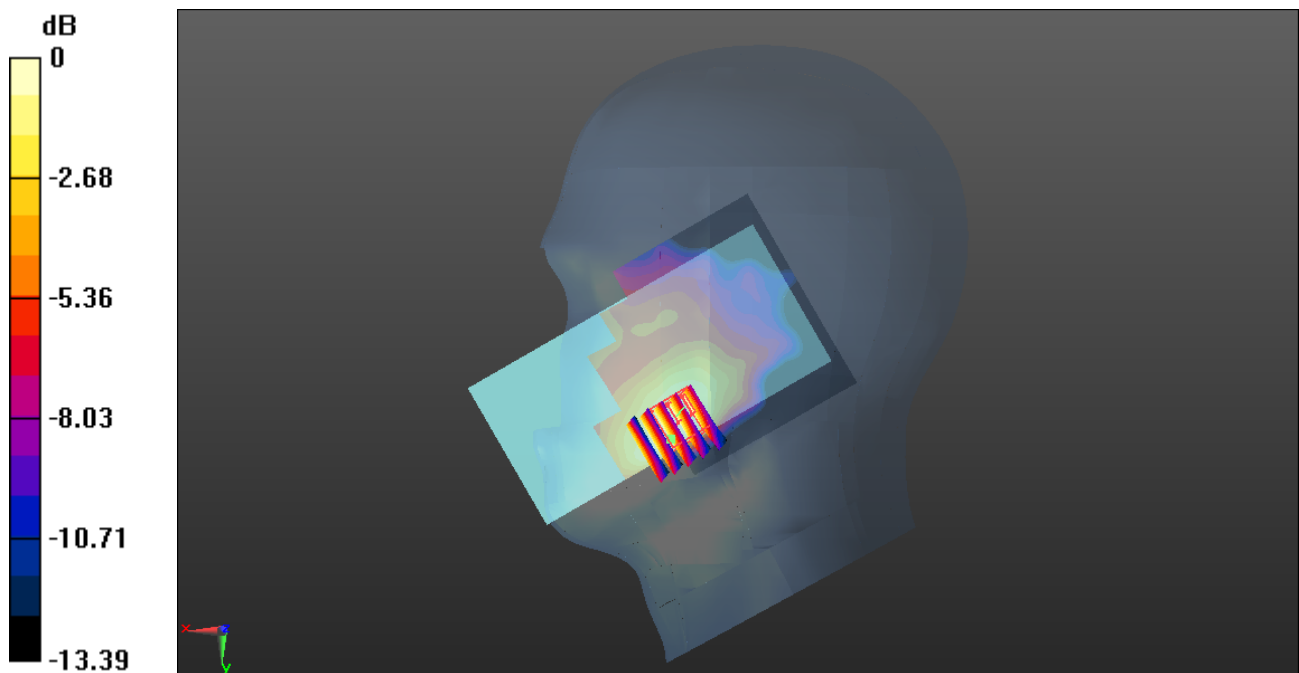
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.085 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.451 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.189 W/kg

Maximum value of SAR (measured) = 0.378 W/kg



0 dB = 0.378 W/kg

LTE Band 71_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch133322

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

Medium: HSL_750 Medium parameters used: $f = 683 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 42.287$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 683 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch133322/Area Scan (71x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

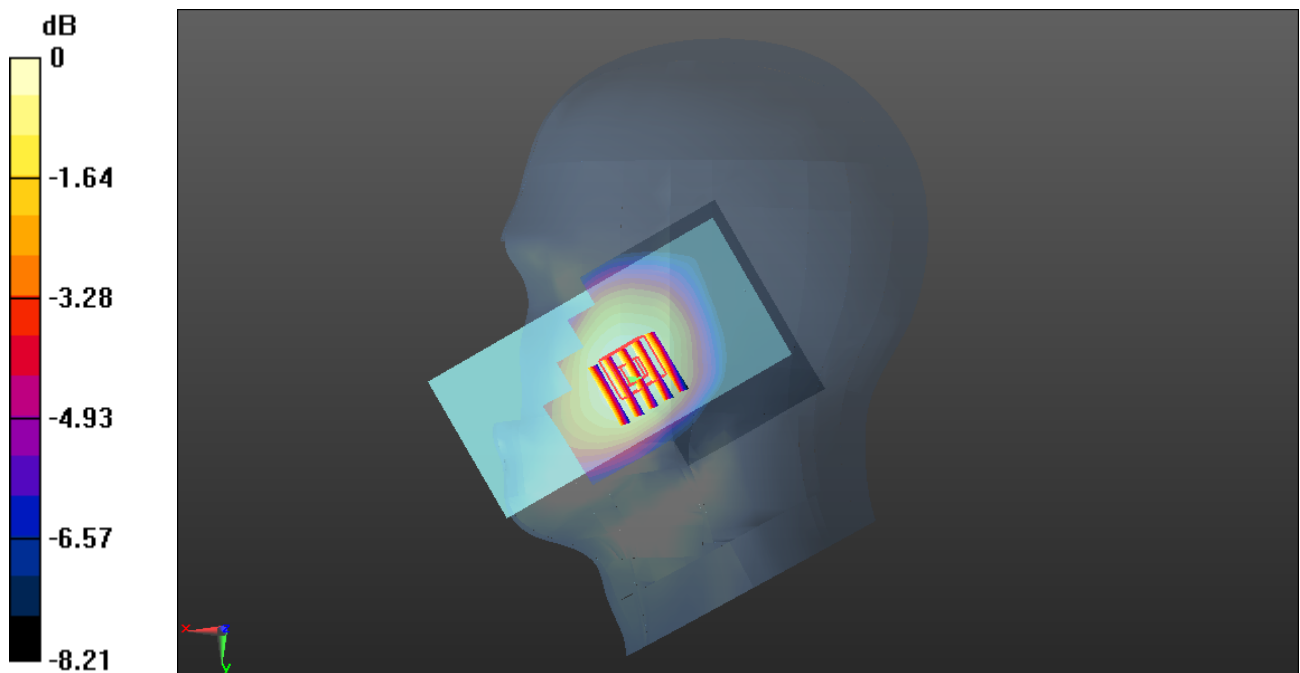
Ch133322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.074 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.251 W/kg ; SAR(10 g) = 0.199 W/kg

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



0 dB = 0.284 W/kg

WLAN 2.4GHz_802.11b 1Mbps_Right Cheek_Ch1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.003
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.762$ S/m; $\epsilon_r = 38.862$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2412 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch1/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.397 W/kg

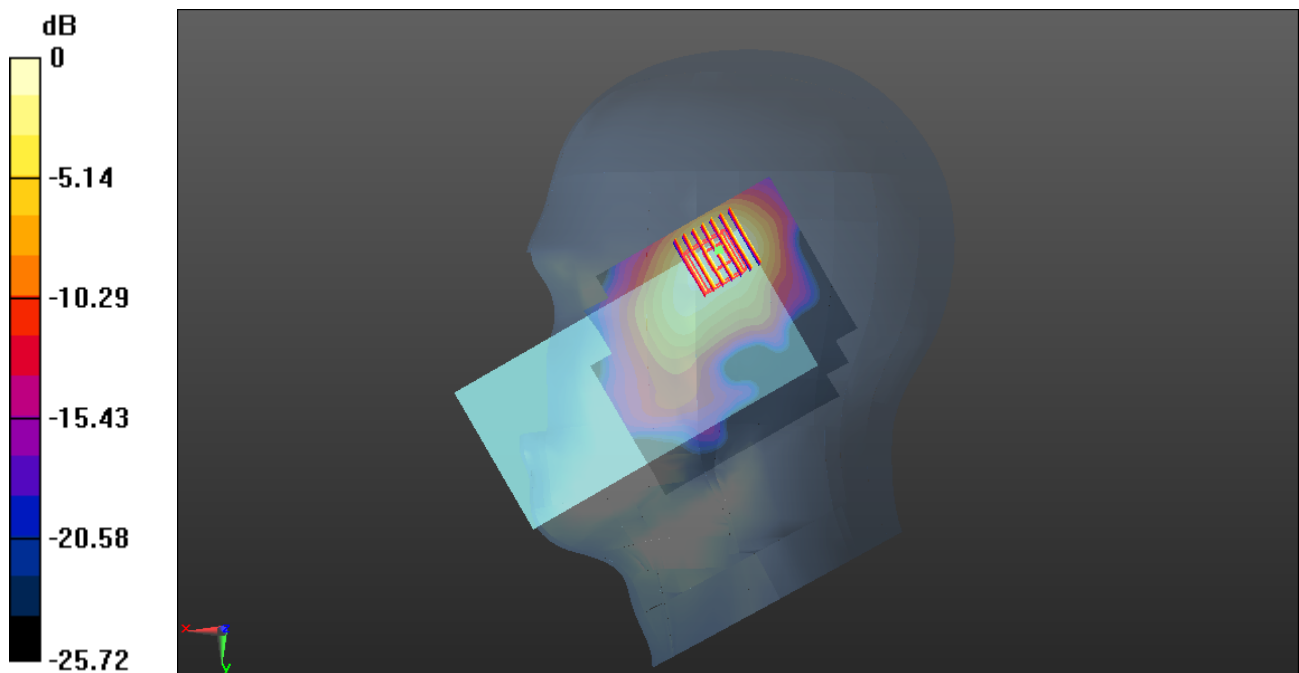
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.385 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.370 W/kg



0 dB = 0.370 W/kg

GSM850_GPRS(2 TX slots)_Back Side_10mm_Ch189

Communication System: UID 0, GSM850(class 12) (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: HSL_900 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 42.978$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10, 10, 10) @ 836.4 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch189/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

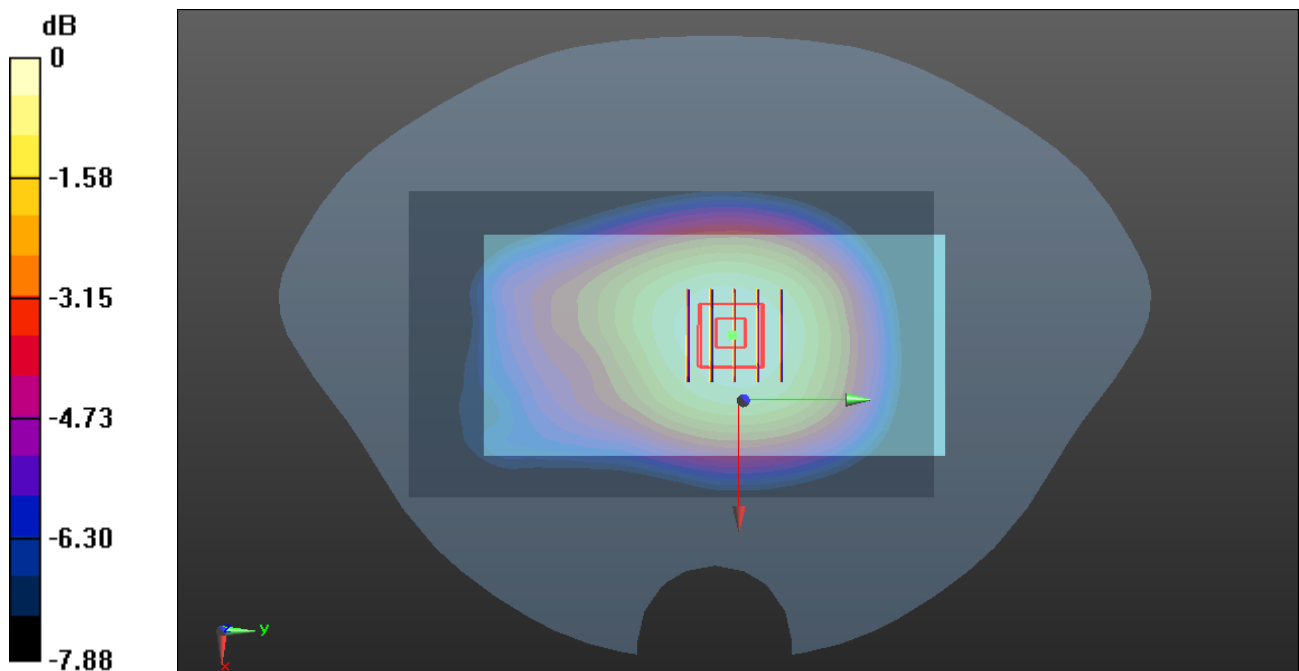
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.66 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.446 W/kg

SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 0.405 W/kg



0 dB = 0.405 W/kg

GSM1900_GPRS(3 TX slots)_Back Side_10mm_Ch661

Communication System: UID 0, PCS1900(class 11) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium: HSL_1800 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.167$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch661/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.382 W/kg

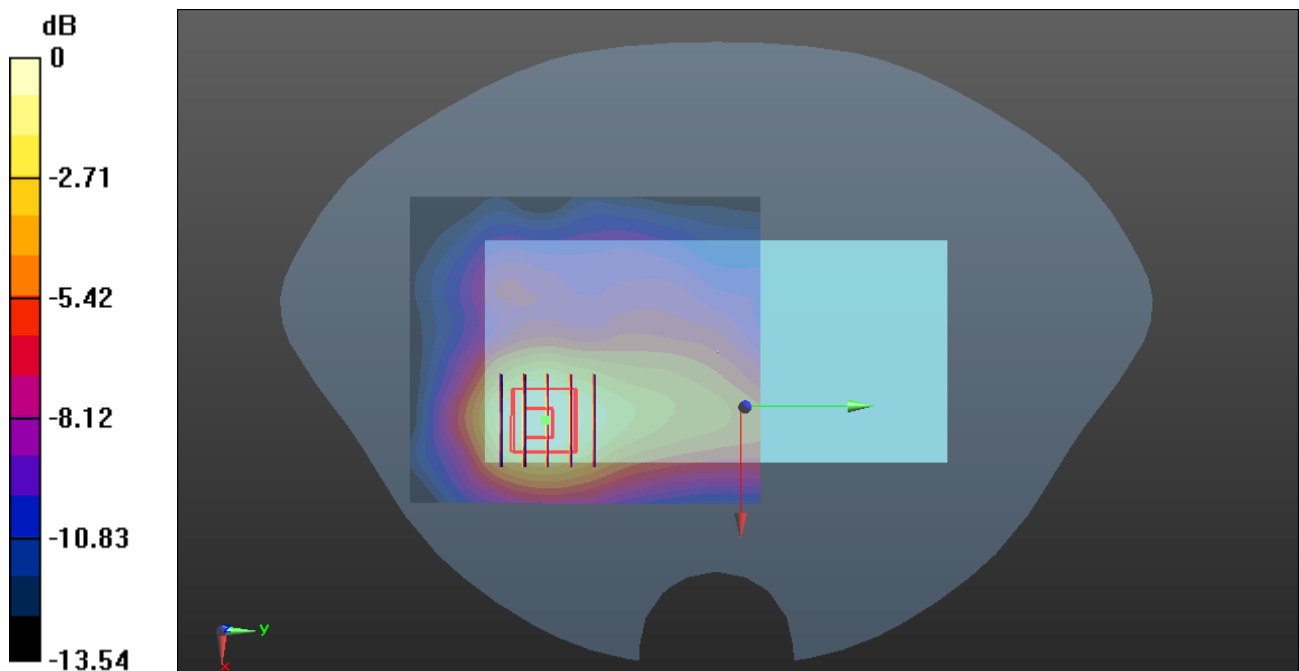
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.156 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.348 W/kg



0 dB = 0.348 W/kg

GSM1900_GPRS(3 TX slots)_Bottom Side_10mm_Ch661

Communication System: UID 0, PCS1900(class 11) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium: HSL_1800 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.167$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch661/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.392 W/kg

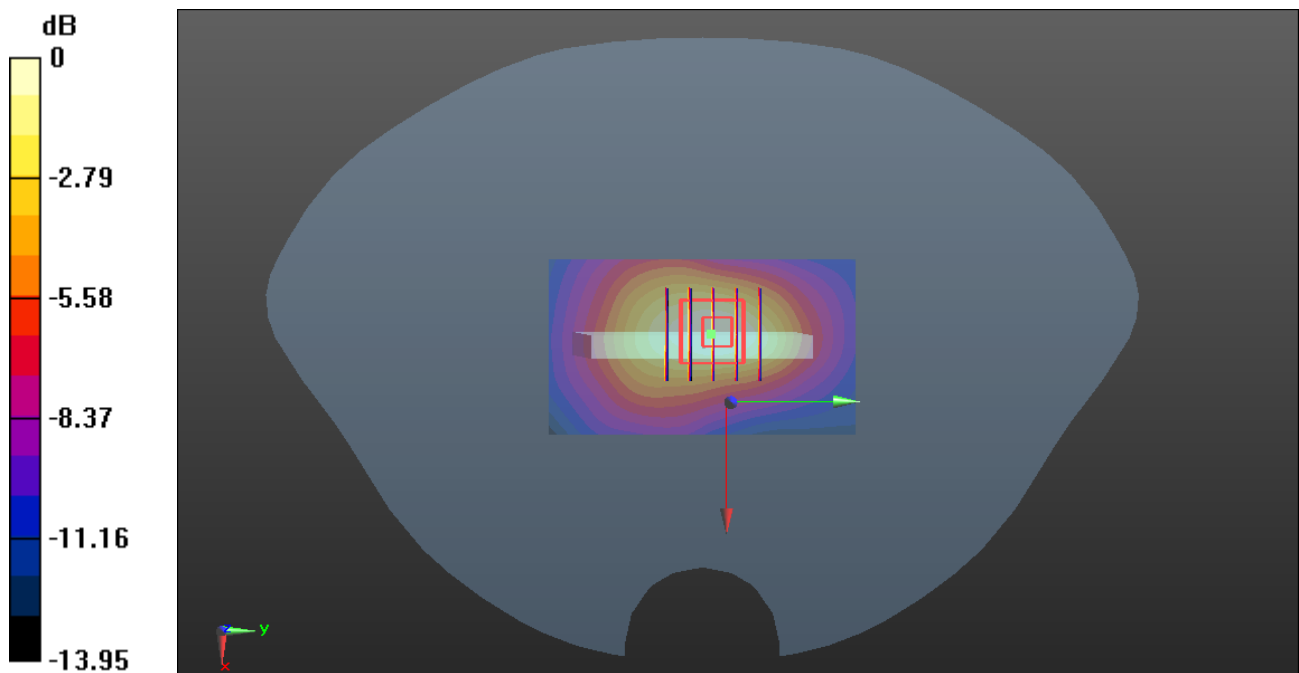
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.31 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.156 W/kg

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



0 dB = 0.363 W/kg

WCDMA Band II_RMC 12.2Kbps_Back Side_10mm_Ch9400

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1800 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.167$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch9400/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.210 W/kg

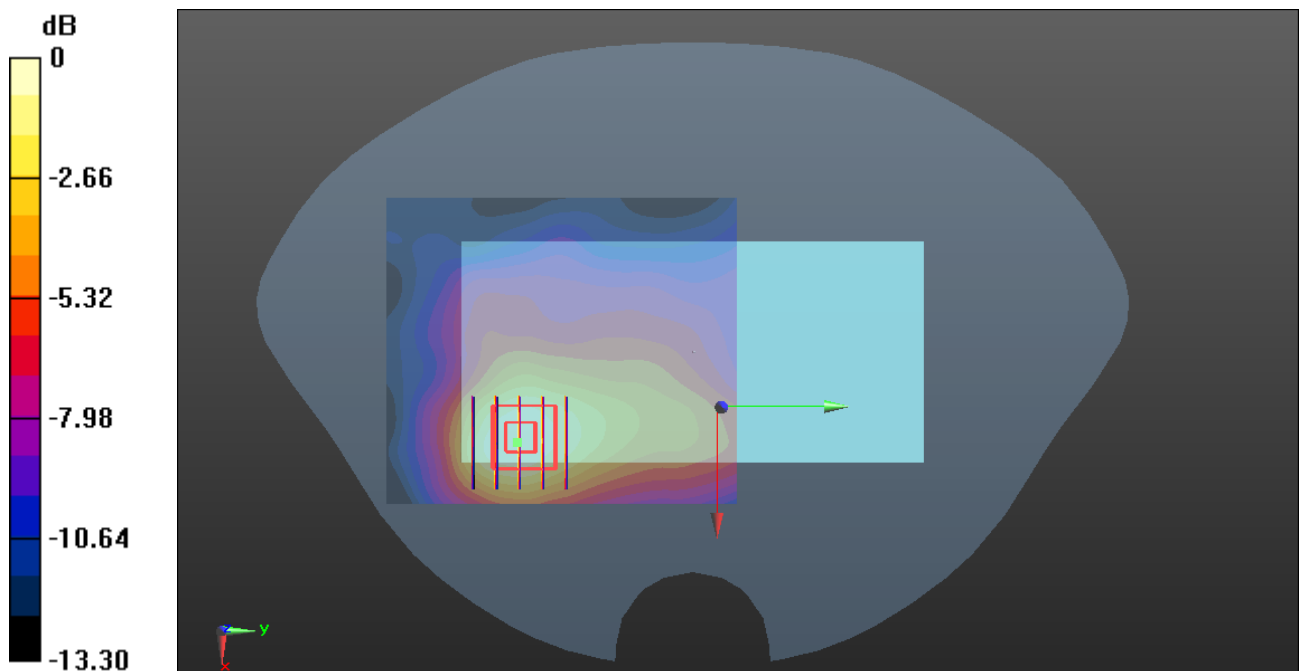
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.560 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.196 W/kg

WCDMA Band IV_RMC 12.2Kbps_Back Side_10mm_Ch1413

Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1800 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 41.367$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1732.6 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.162 W/kg

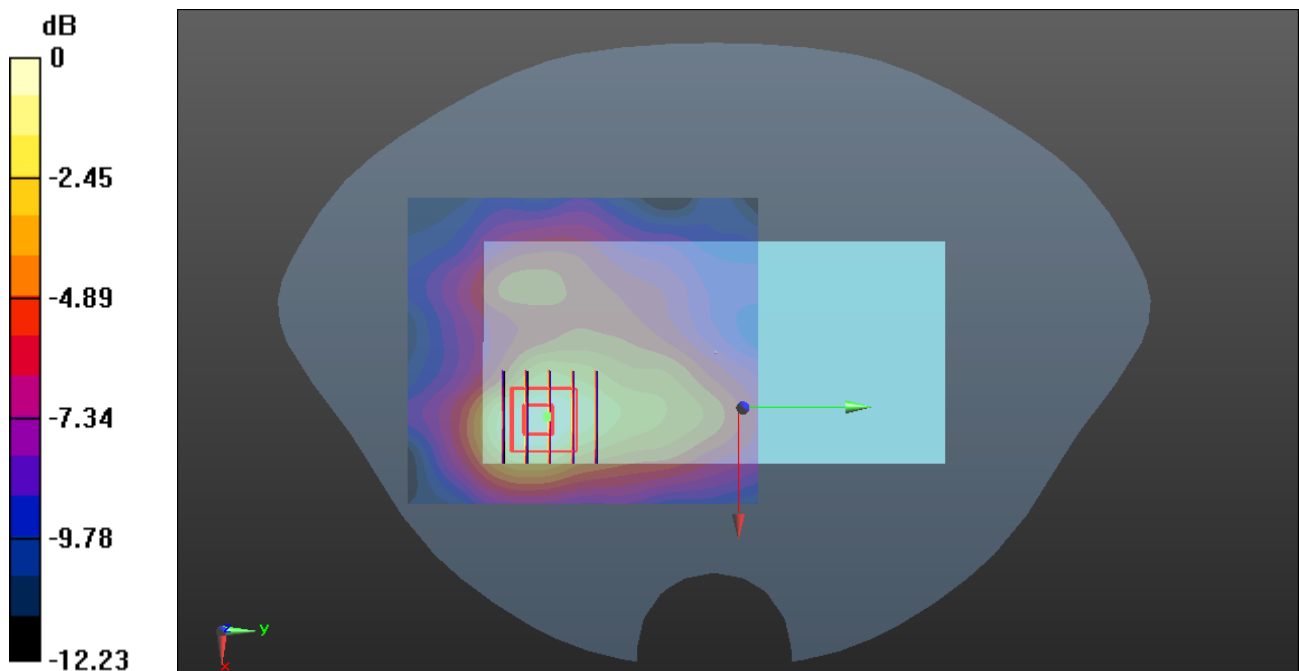
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.339 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg

WCDMA Band IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1413

Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1800 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 41.367$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1732.6 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch1413/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.198 W/kg

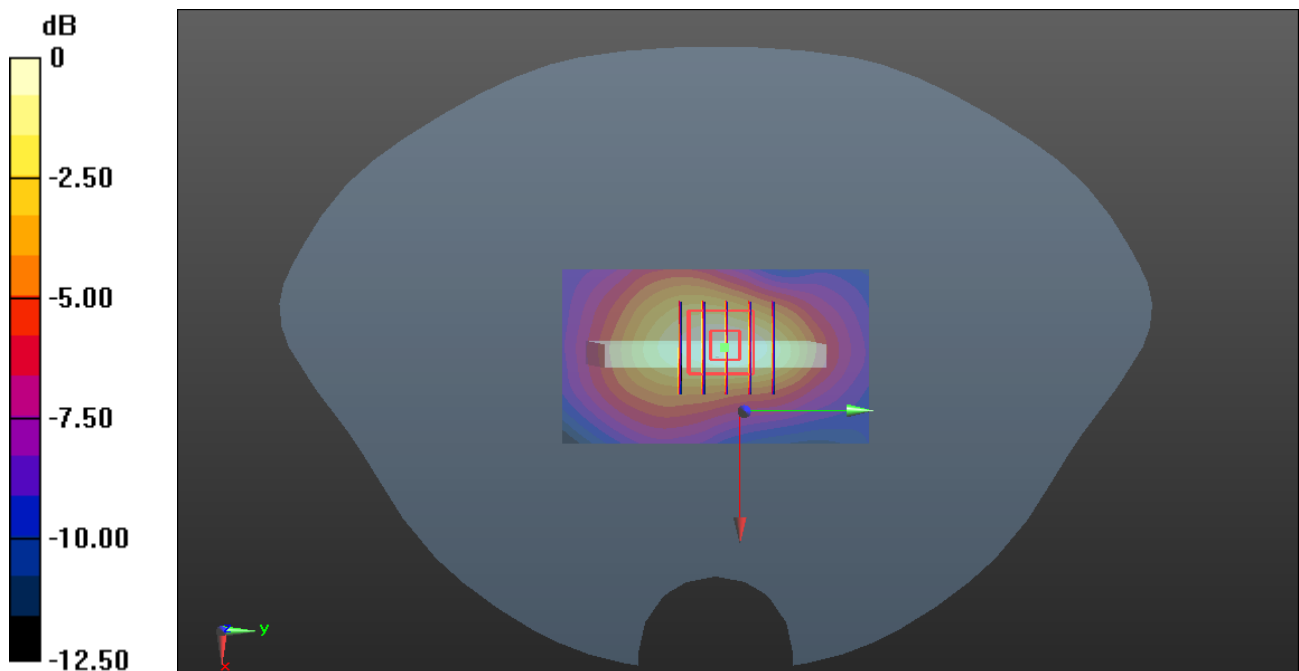
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.53 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.085 W/kg

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



0 dB = 0.186 W/kg

WCDMA Band V_RMC 12.2Kbps_Back Side_10mm_Ch4182

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_900 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.958$ S/m; $\epsilon_r = 40.843$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10,10, 10) @ 836.4 MHz; Calibrated: 2022.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch4182/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.119 W/kg

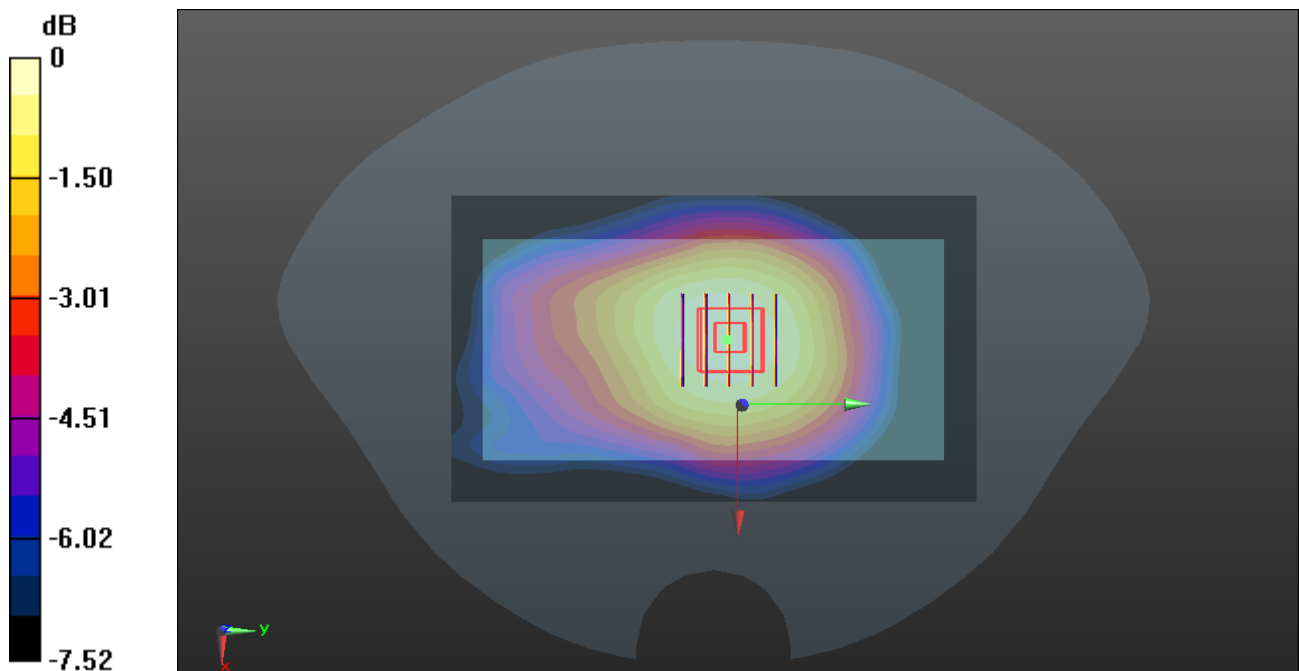
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.55 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.119 W/kg

LTE Band 2_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch18900

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

Medium: HSL_1800 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.167$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.241 W/kg

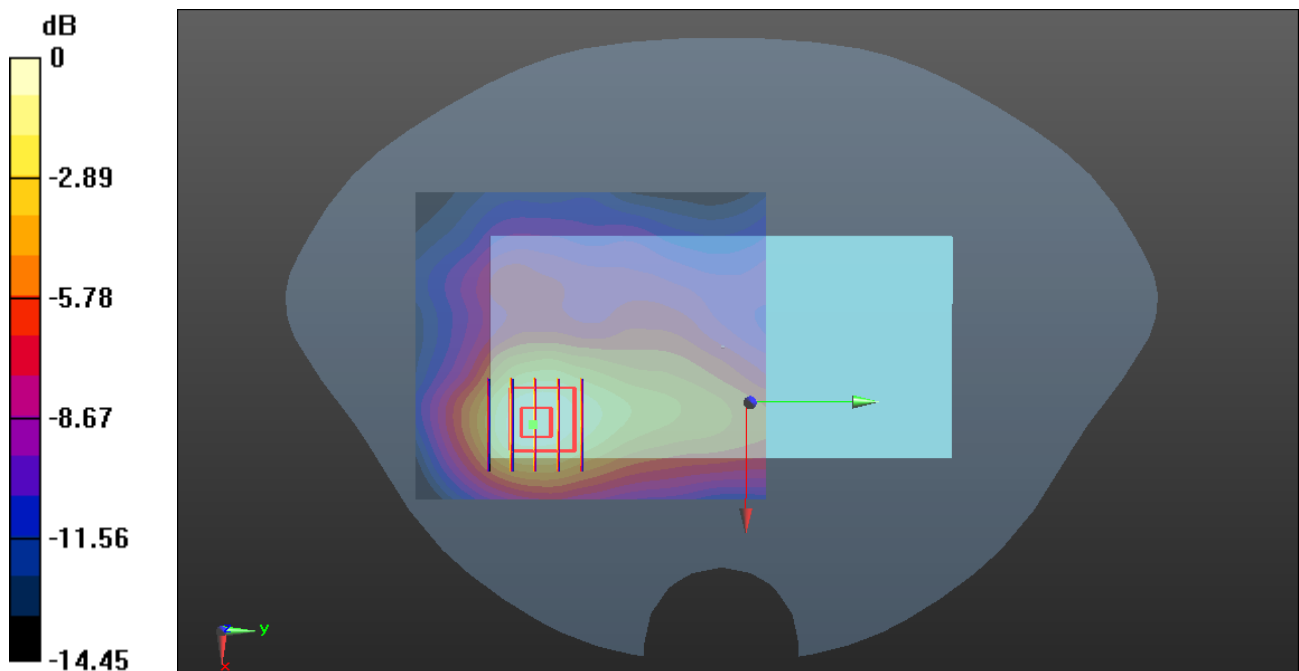
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.301 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.238 W/kg



0 dB = 0.238 W/kg

LTE Band 5_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20525

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

Medium: HSL_900 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 42.967$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10, 10, 10) @ 836.5 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch20525/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.132 W/kg

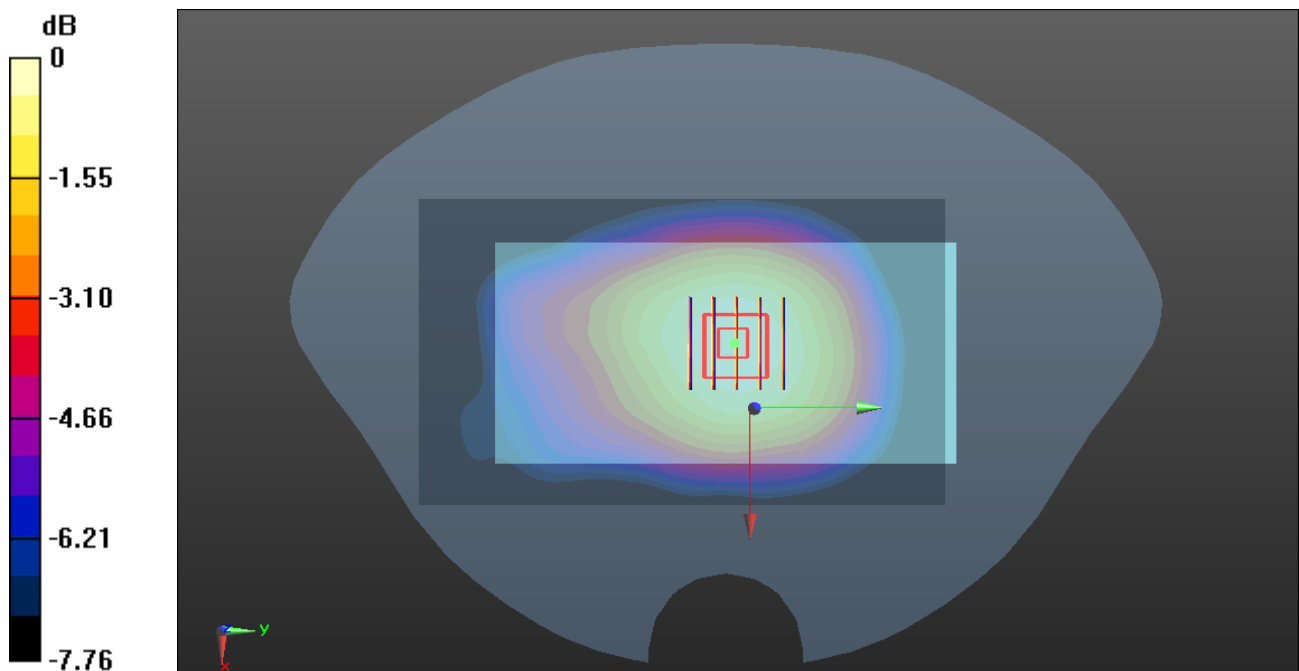
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.80 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.086 W/kg

Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.133 W/kg

LTE Band 7_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch21100

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

Medium: HSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 38.489$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.34, 7.34, 7.34) @ 2535 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch21100/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.450 W/kg

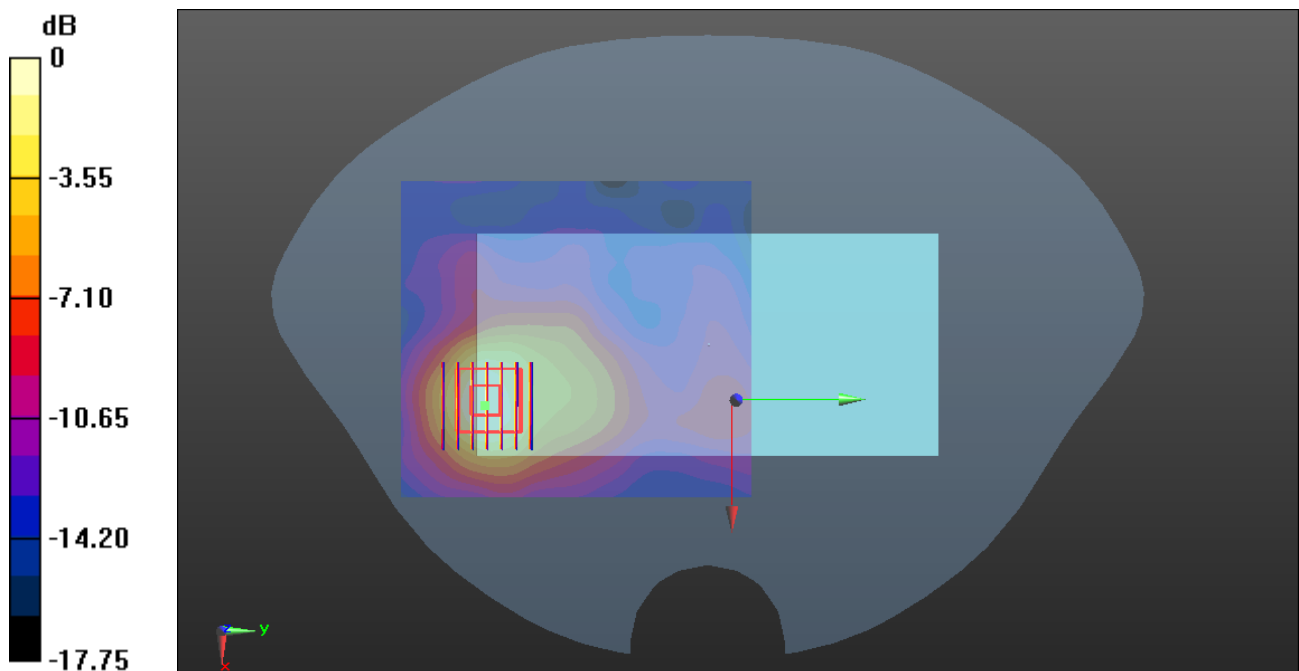
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.567 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.542 W/kg

SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.418 W/kg

LTE Band 7_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch21100

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

Medium: HSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 38.489$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.34, 7.34, 7.34) @ 2600 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch21100/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.632 W/kg

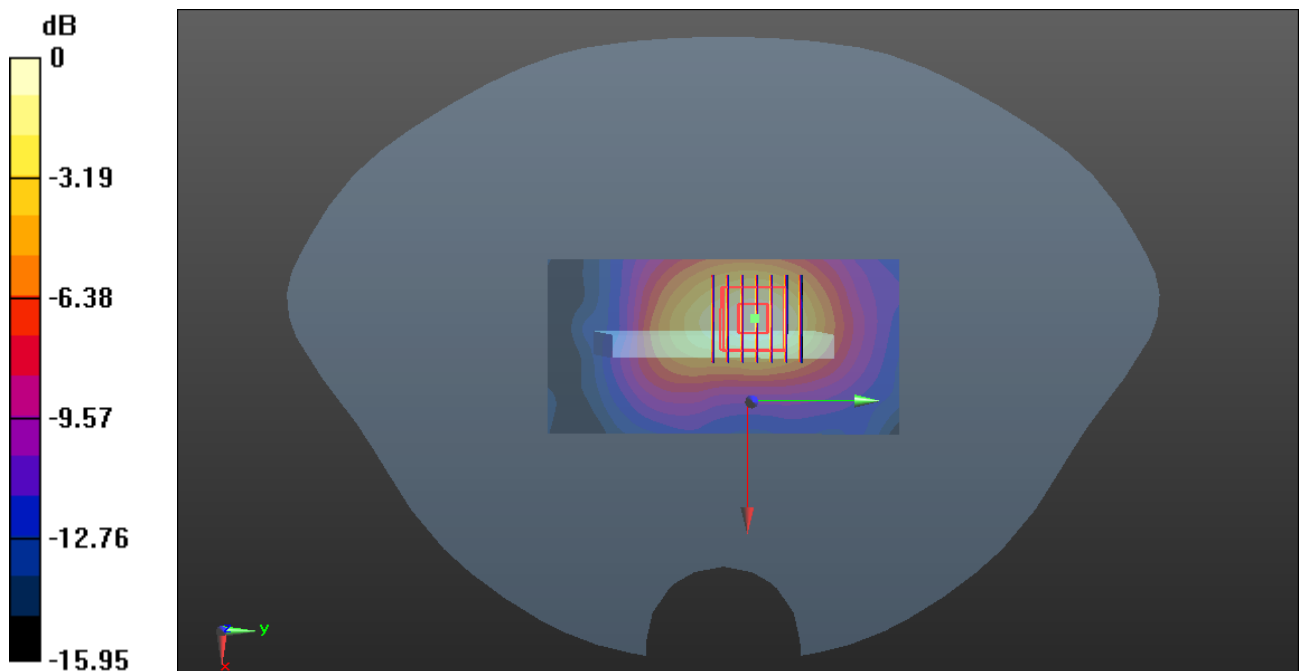
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.41 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 0.612 W/kg



0 dB = 0.612 W/kg

LTE Band 12_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23095

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

Medium: HSL_750 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 42.233$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 707.5 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch23095/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.114 W/kg

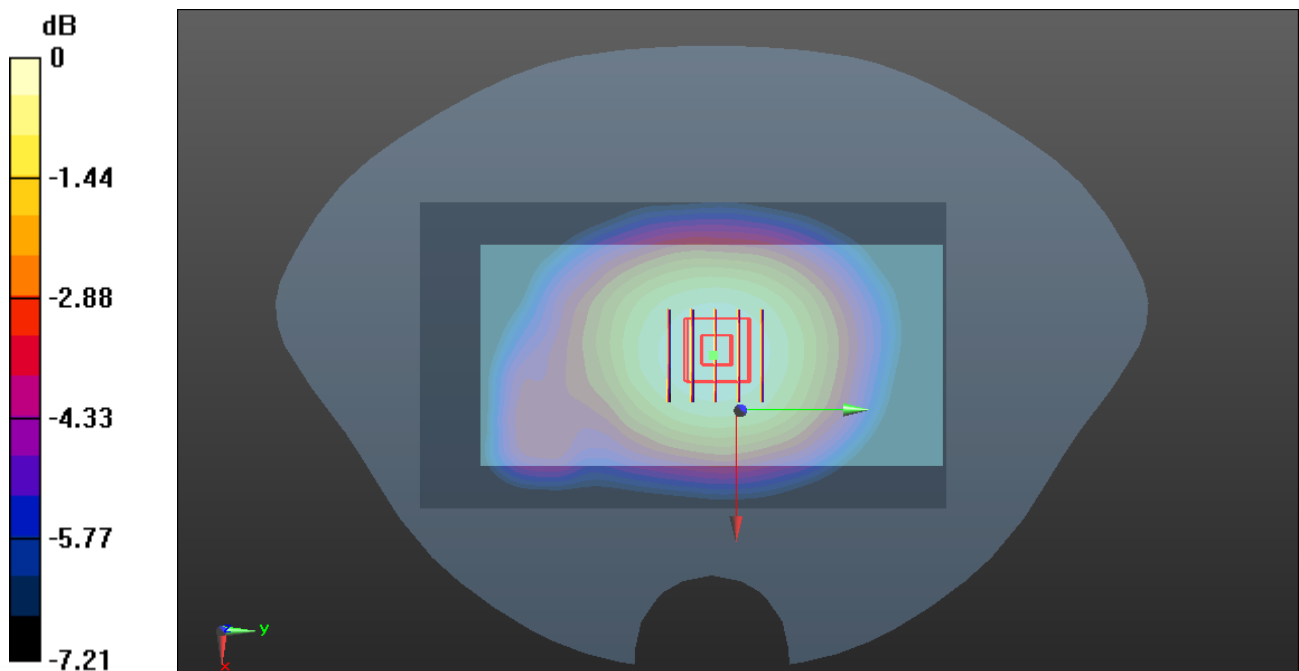
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.85 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.112 W/kg



0 dB = 0.112 W/kg

LTE Band 66_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch132322

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

Medium: HSL_1800 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1745 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch132322/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.228 W/kg

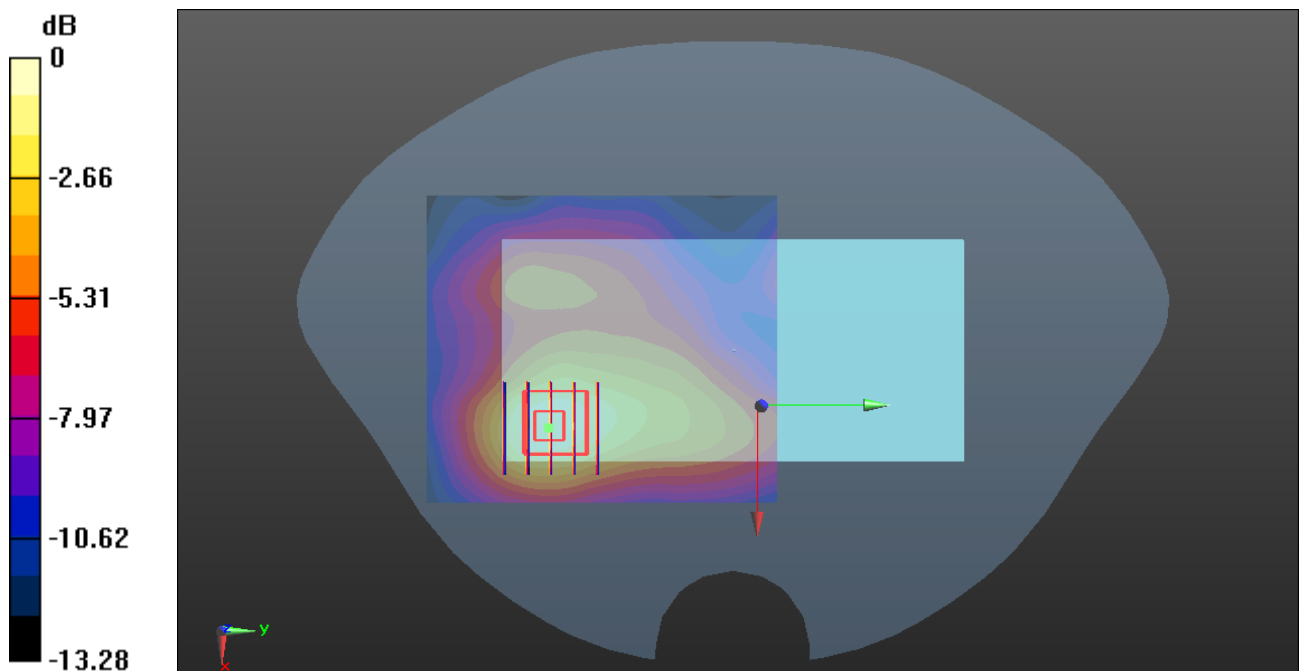
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.844 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.224 W/kg



0 dB = 0.224 W/kg

LTE Band 66_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch132322

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

Medium: HSL_1800 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1745 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch132322/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

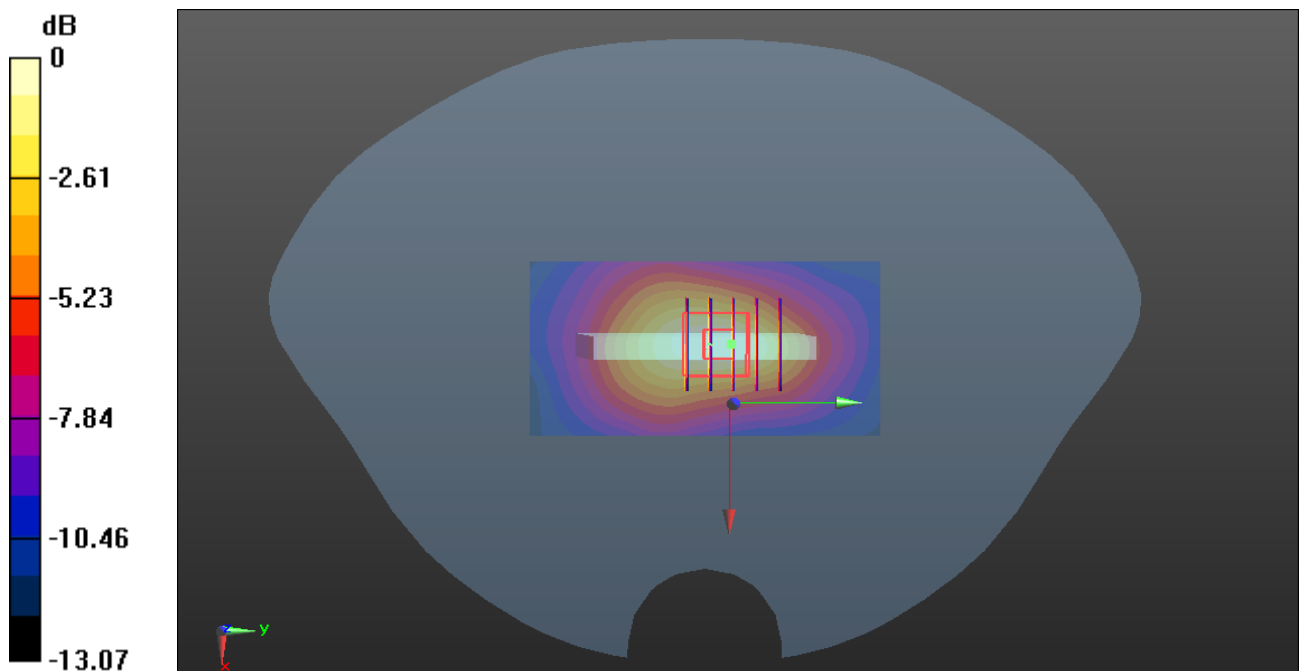
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.22 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.273 W/kg



0 dB = 0.273 W/kg

LTE Band 71_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch133322

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

Medium: HSL_750 Medium parameters used: $f = 683$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 42.287$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 683 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch133322/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0743 W/kg

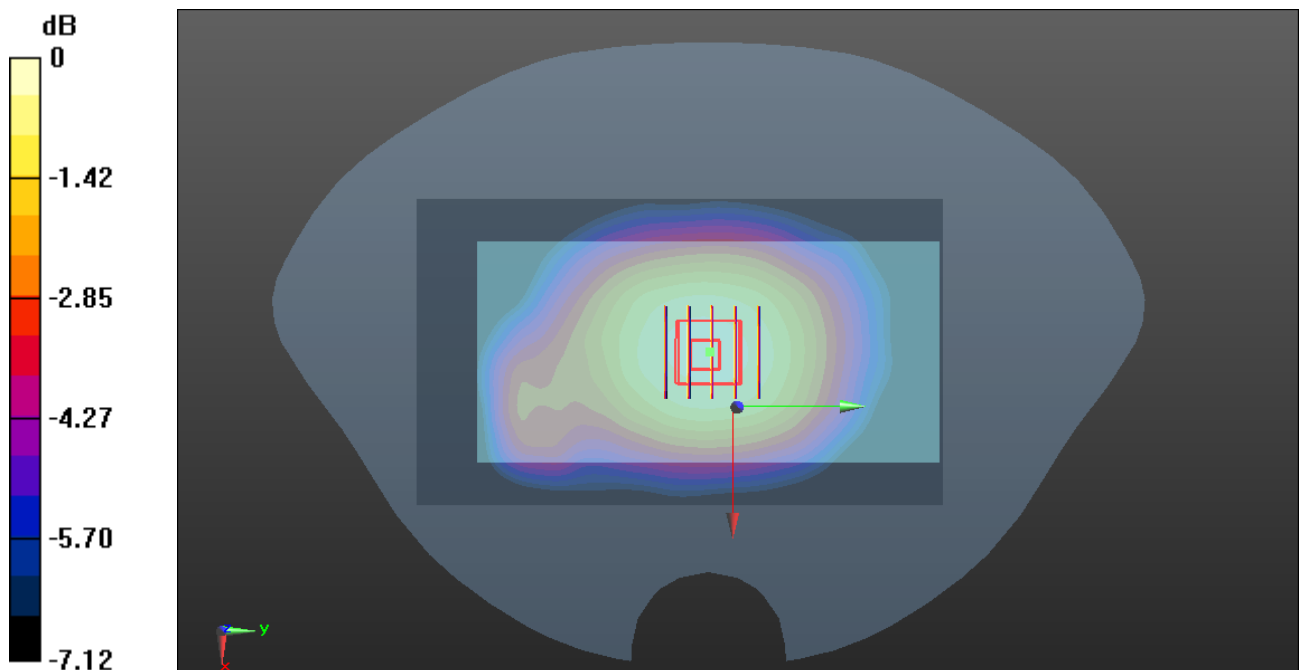
Ch133322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.044 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0850 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.0778 W/kg



0 dB = 0.0778 W/kg

WLAN 2.4GHz_802.11b 1Mbps_Back Side_10mm_Ch1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.003
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.762$ S/m; $\epsilon_r = 38.862$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2412 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch1/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.164 W/kg

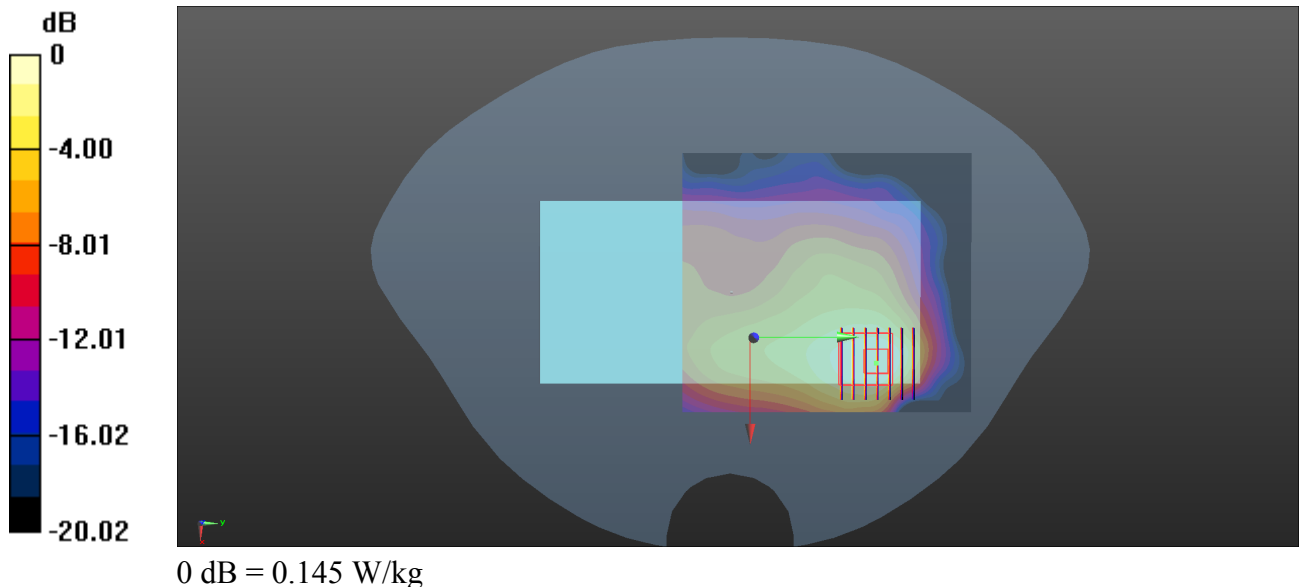
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.204 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.053 W/kg

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



Bluetooth_DH5_Back Side_10mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.073

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.749$ S/m; $\epsilon_r = 38.922$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2402 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch0/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0366 W/kg

Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.542 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0440 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0356 W/kg

