



REPORT No.: SZ22040005S01

Annex D Plots of Maximum SAR Test Results

GSM850_GPRS(4 TX slots)_Right Cheek_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(9.81, 9.81, 9.81) @ 836.4 MHz; Calibrated: 2022.01.12

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn480; Calibrated: 2021.06.22

- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch189/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.328 W/kg

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

Reference Value = 4.619 V/m; Power Drift = 0.09 dB

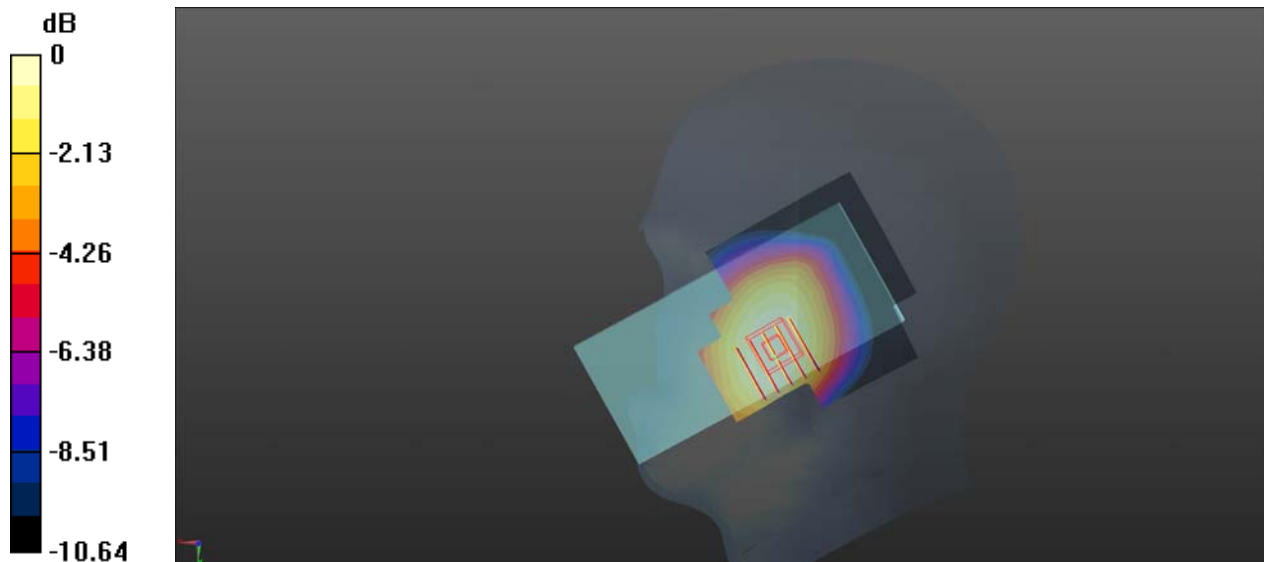
Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.231 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 80%

Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.315 W/kg

GSM1900_GPRS(4 TX slots)_Left Cheek_Ch661

Communication System: UID 0, GSM1900(class 12) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_2000 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 : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.99, 7.99, 7.99) @ 1880 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.170 W/kg

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

Reference Value = 4.561 V/m; Power Drift = -0.15 dB

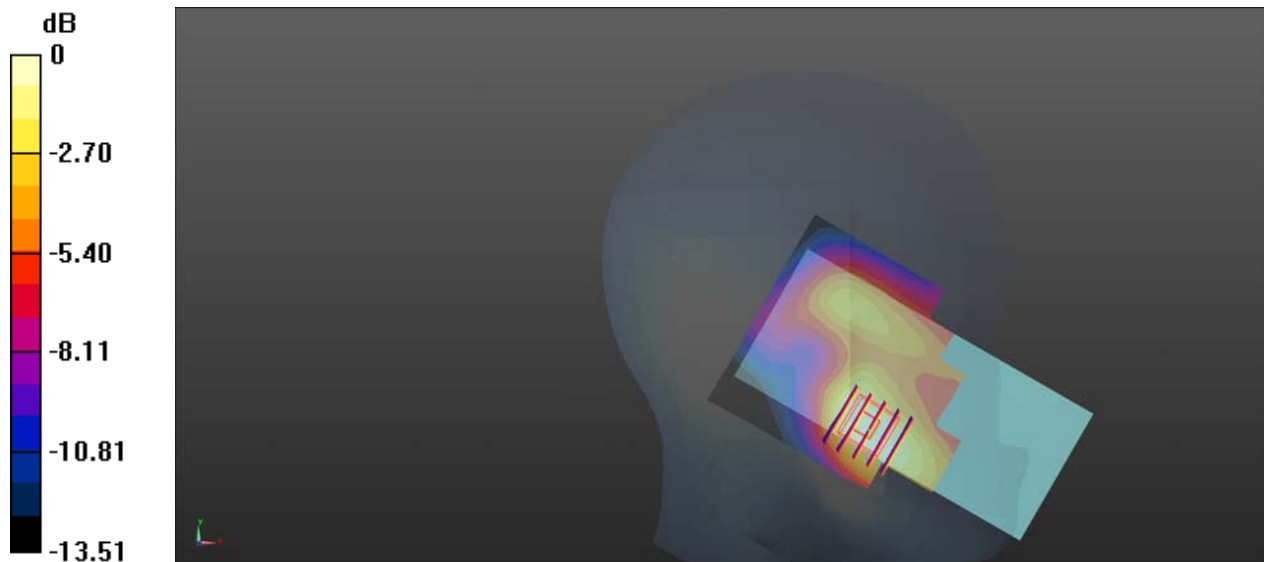
Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.123 W/kg

Smallest distance from peaks to all points 3 dB below = 12.6 mm

Ratio of SAR at M2 to SAR at M1 = 63.7%

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



0 dB = 0.164 W/kg

WCDMA Band II_RMC 12.2Kbps_Left Cheek_Ch9400

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_2000 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 : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.99, 7.99, 7.99) @ 1880 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.527 W/kg

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

Reference Value = 7.548 V/m; Power Drift = 0.10 dB

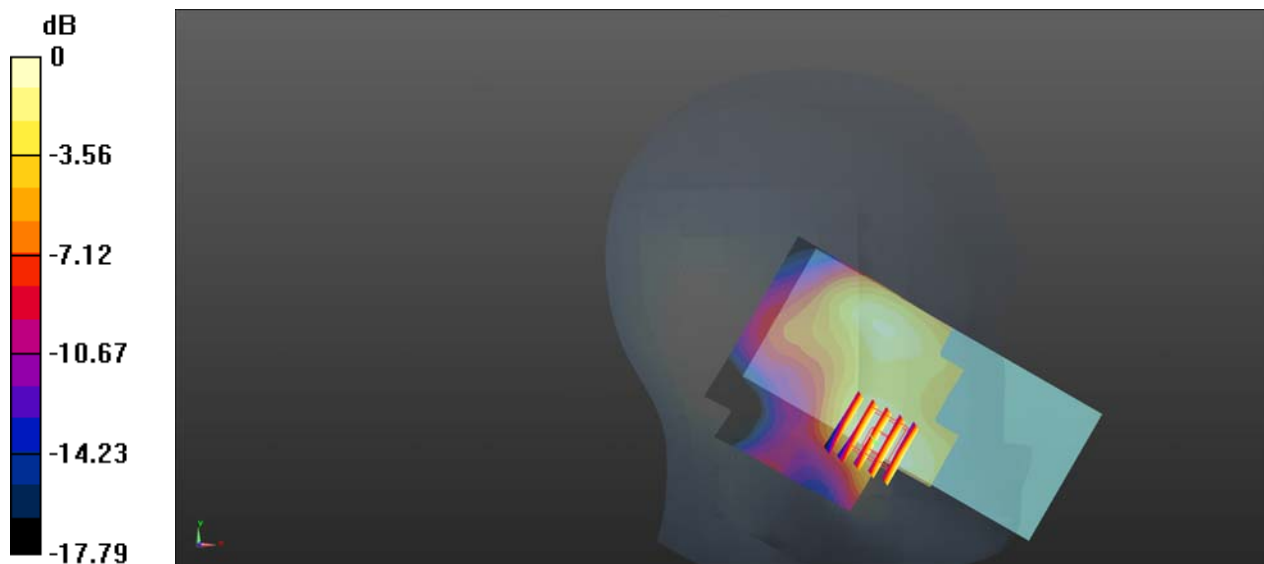
Peak SAR (extrapolated) = 0.614 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.254 W/kg

Smallest distance from peaks to all points 3 dB below = 13 mm

Ratio of SAR at M2 to SAR at M1 = 66.9%

Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.508 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; $\sigma = 1.412$ S/m; $\epsilon_r = 39.814$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.26, 8.26, 8.26) @ 1732.6 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.571 W/kg

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

Reference Value = 8.063 V/m; Power Drift = 0.17 dB

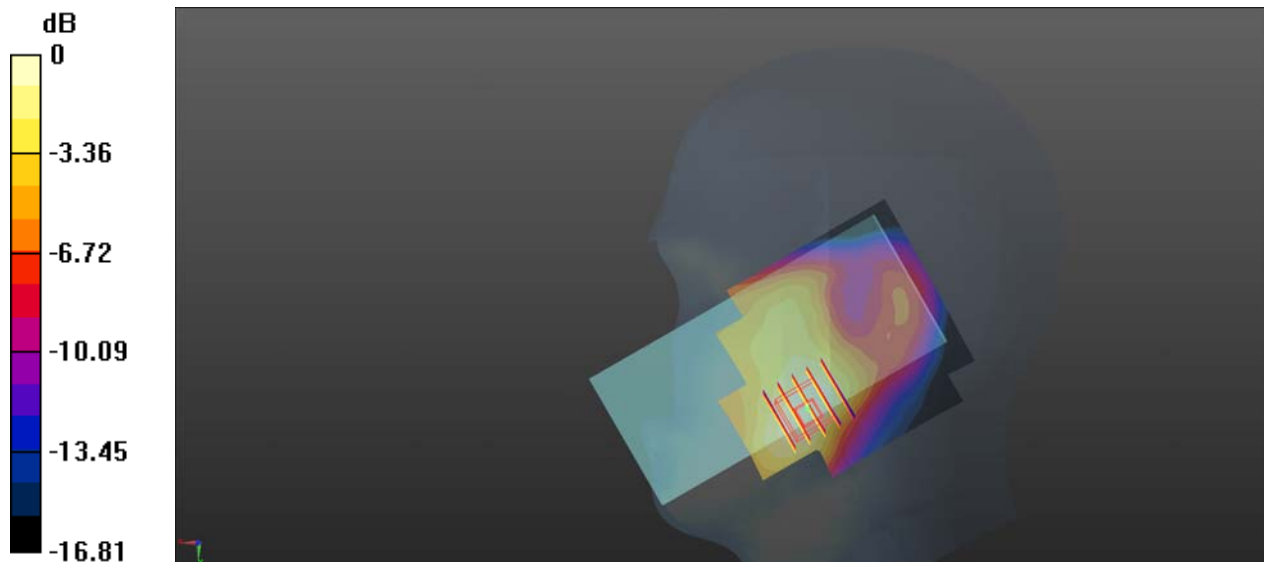
Peak SAR (extrapolated) = 0.658 W/kg

SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.291 W/kg

Smallest distance from peaks to all points 3 dB below = 13 mm

Ratio of SAR at M2 to SAR at M1 = 70.2%

Maximum value of SAR (measured) = 0.543 W/kg



0 dB = 0.543 W/kg

WCDMA Band V_RMC 12.2Kbps_Right Cheek_Ch4182

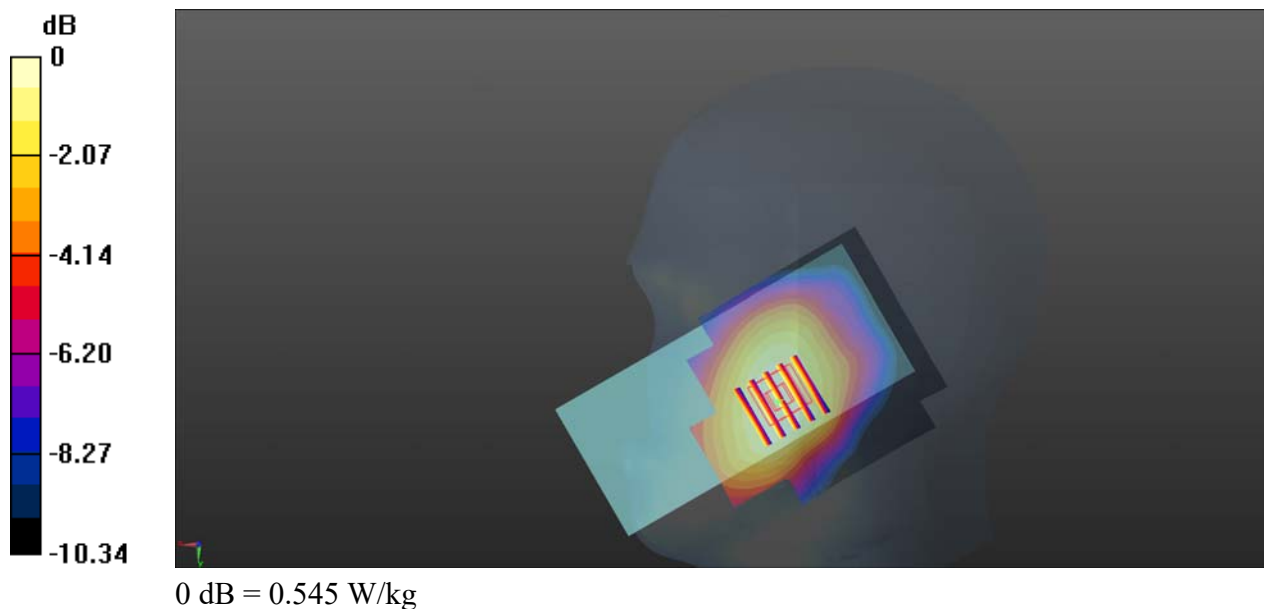
Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 42.978$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.81, 9.81, 9.81) @ 836.4 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch4182/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.559 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.693 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.614 W/kg
SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.343 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 76%
Maximum value of SAR (measured) = 0.545 W/kg



LTE Band 5_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch20525

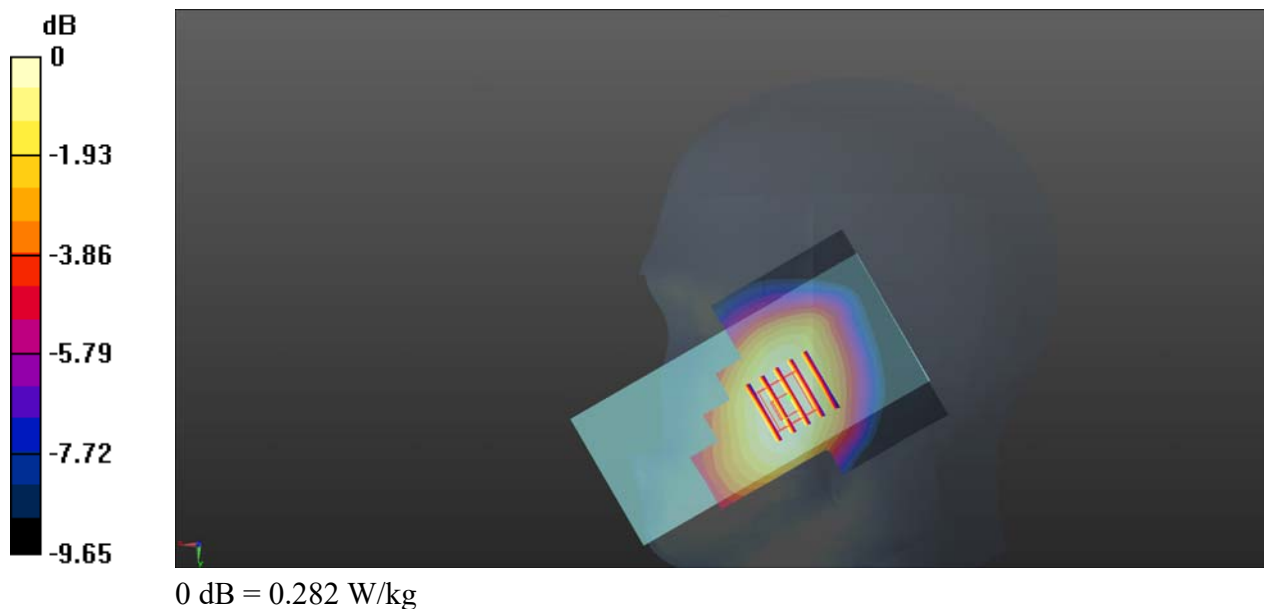
Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 42.967$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.81, 9.81, 9.81) @ 836.5 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch20525/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.305 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.682 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.311 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.318 W/kg
Smallest distance from peaks to all points 3 dB below = 22.2 mm
Ratio of SAR at M2 to SAR at M1 = 79.1%
Maximum value of SAR (measured) = 0.282 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(10.2, 10.2, 10.2) @ 707.5 MHz; Calibrated: 2022.01.12

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn480; Calibrated: 2021.06.22

- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.318 W/kg

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

Reference Value = 4.297 V/m; Power Drift = 0.17 dB

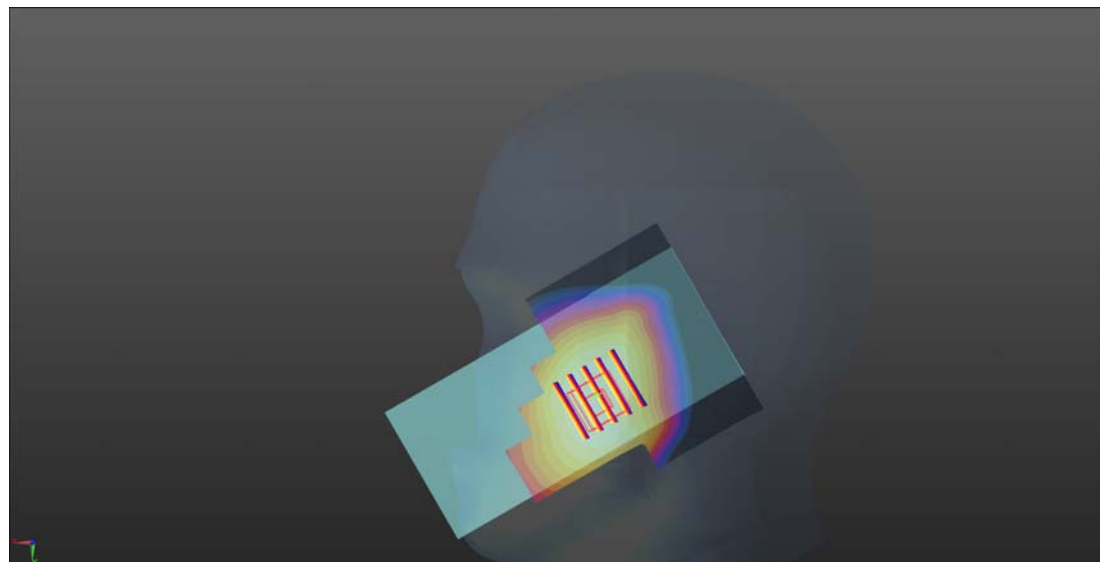
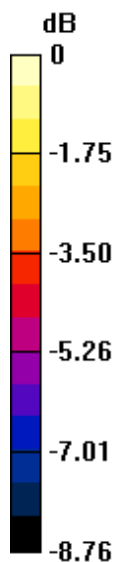
Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.205 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 78%

Maximum value of SAR (measured) = 0.309 W/kg



0 dB = 0.309 W/kg

LTE Band 25_20MHz_QPSK_1RB_0Offset_Left Cheek_Ch26365

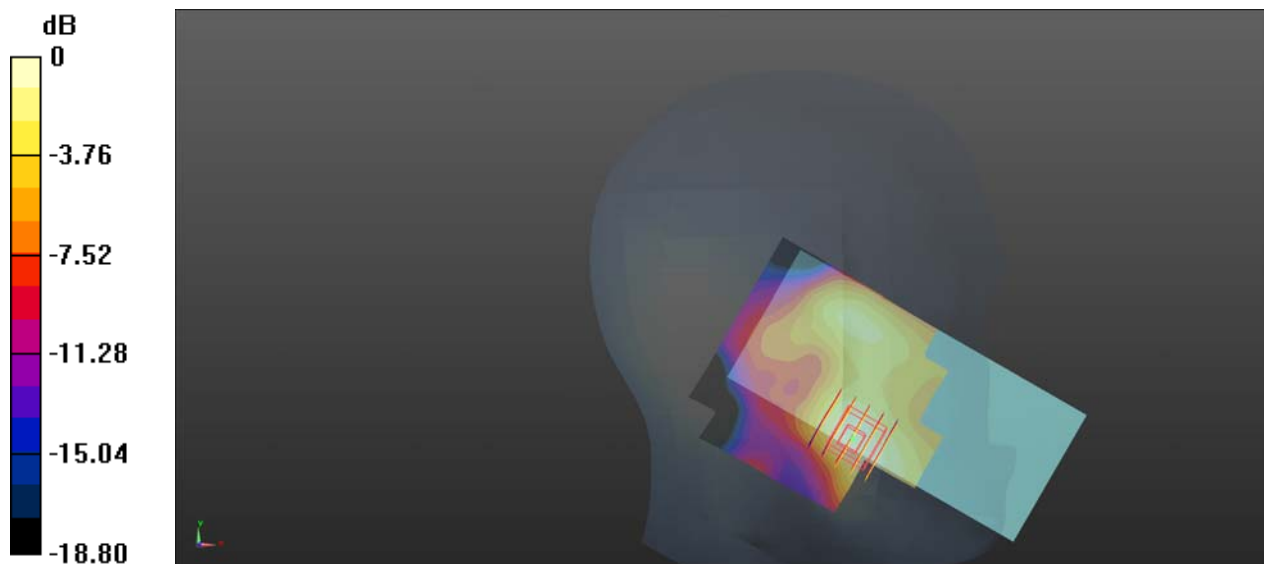
Communication System: UID 0, LTE (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.123$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.99, 7.99, 7.99) @ 1882.5 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch26365/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.234 W/kg

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.386 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.110 W/kg
Smallest distance from peaks to all points 3 dB below = 10.6 mm
Ratio of SAR at M2 to SAR at M1 = 68%
Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.223 W/kg

LTE Band 26_15MHz_QPSK_1RB_0Offset_Right Cheek_Ch26865

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

Medium: HSL_900 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 42.882$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.81, 9.81, 9.81) @ 831.5 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch26865/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.255 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.336 V/m; Power Drift = -0.03 dB

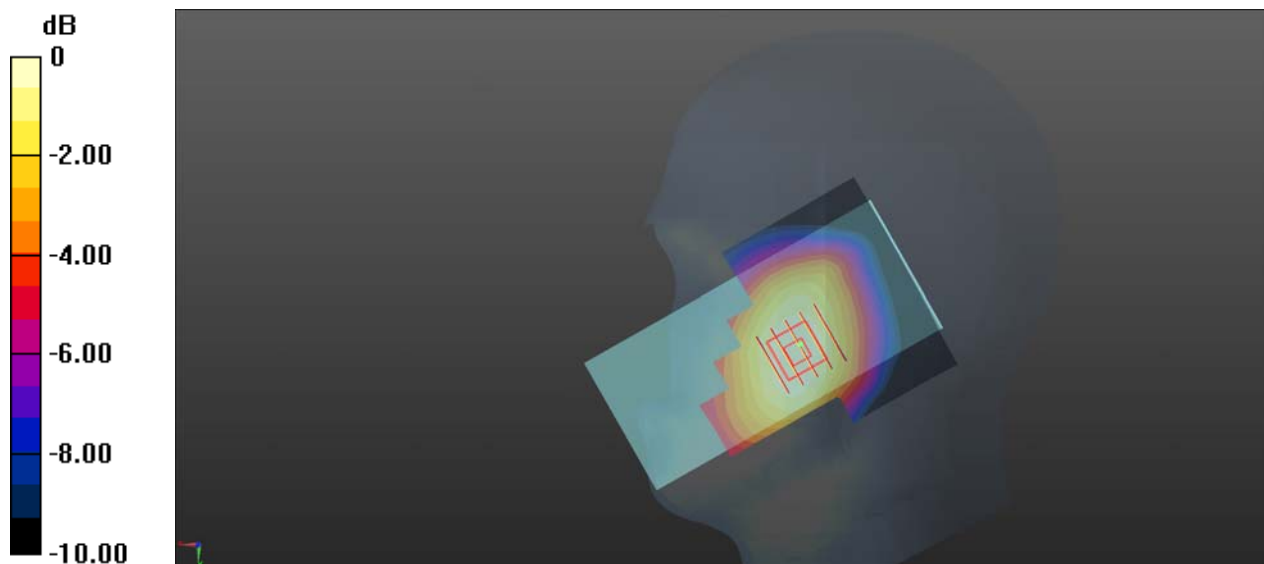
Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.276 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 79.8%

Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.248 W/kg

LTE Band 41_20MHz_QPSK_1RB_0Offset_Left Cheek_Ch40620

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

Medium: HSL_2600 Medium parameters used: $f = 2593$ MHz; $\sigma = 1.973$ S/m; $\epsilon_r = 38.214$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.08, 7.08, 7.08) @ 2593 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch40620/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.593 W/kg

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

Reference Value = 3.993 V/m; Power Drift = 0.14 dB

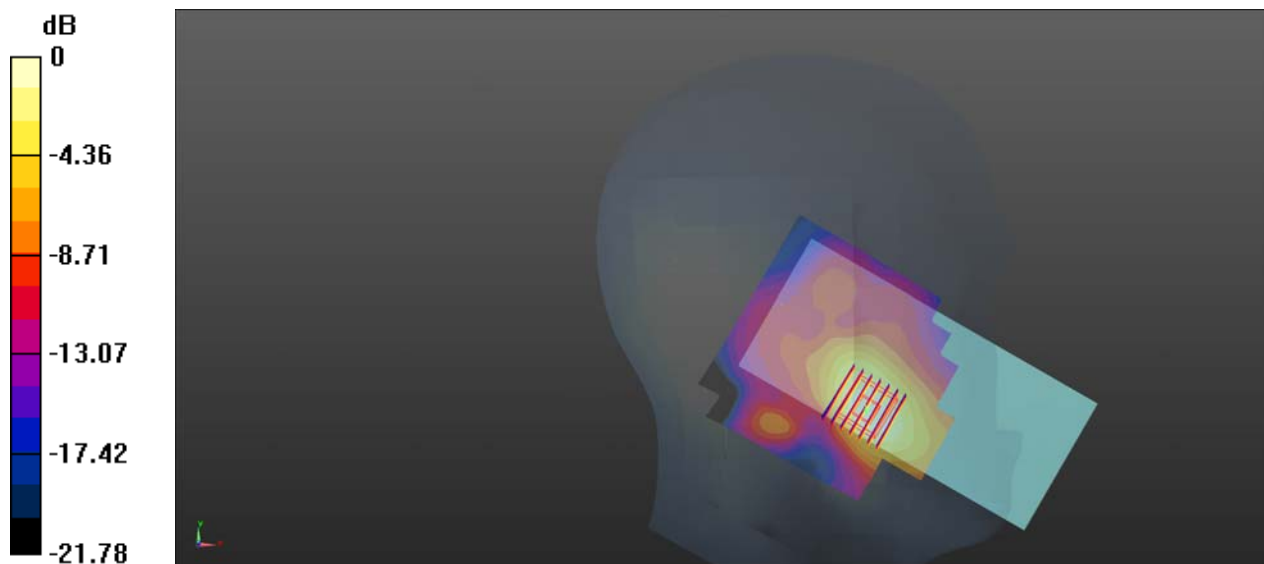
Peak SAR (extrapolated) = 0.794 W/kg

SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.201 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 52.7%

Maximum value of SAR (measured) = 0.574 W/kg



0 dB = 0.574 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 : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.26, 8.26, 8.26) @ 1745 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.329 W/kg

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

Reference Value = 5.936 V/m; Power Drift = -0.10 dB

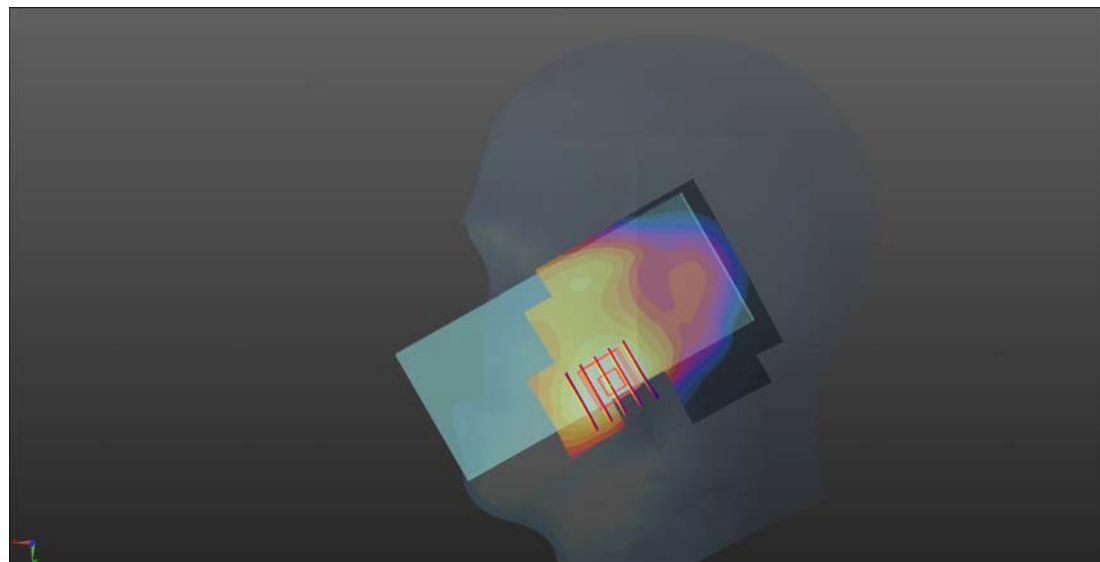
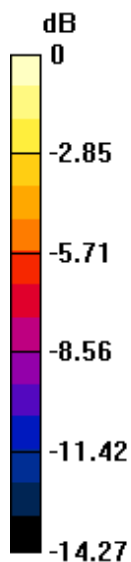
Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.239 W/kg

Smallest distance from peaks to all points 3 dB below = 14.2 mm

Ratio of SAR at M2 to SAR at M1 = 68.7%

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



0 dB = 0.295 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: $f = 683$ 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(10.2, 10.2, 10.2) @ 683 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch133322/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.313 W/kg

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

Reference Value = 4.280 V/m; Power Drift = 0.17 dB

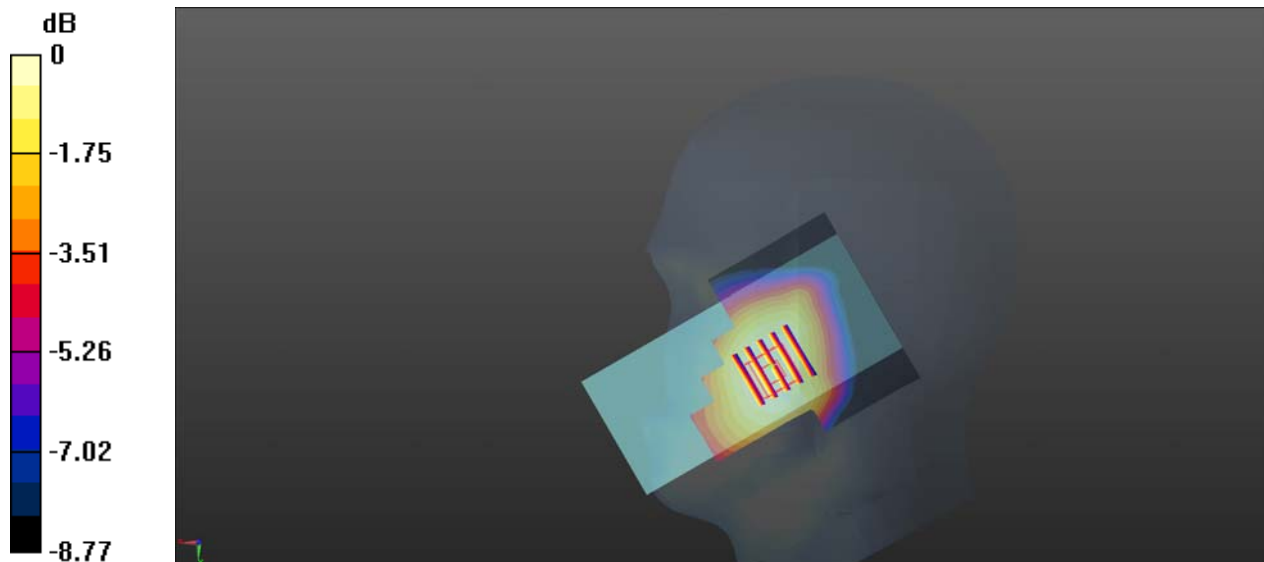
Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.201 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 78%

Maximum value of SAR (measured) = 0.304 W/kg



0 dB = 0.304 W/kg

WLAN 2.4GHz_802.11b 1Mbps_Left Cheek_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.023

Medium: HSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 38.902$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.42, 7.42, 7.42) @ 2437 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch6/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 13.48 V/m; Power Drift = -0.15 dB

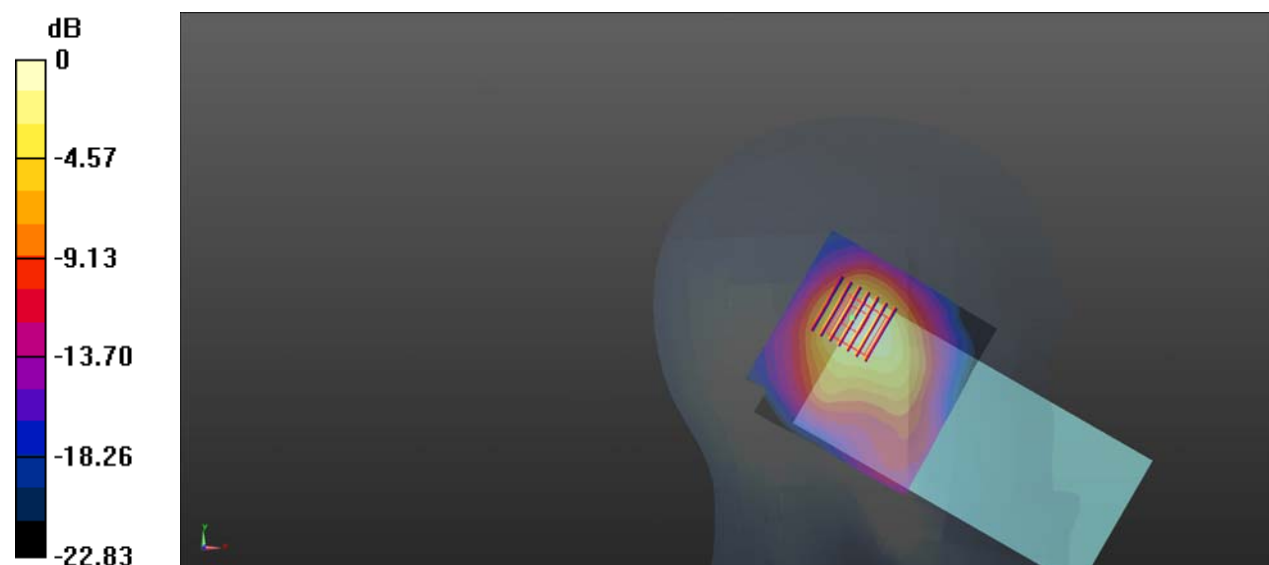
Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.385 W/kg

Smallest distance from peaks to all points 3 dB below = 12.1 mm

Ratio of SAR at M2 to SAR at M1 = 46.5%

Maximum value of SAR (measured) = 0.949 W/kg



0 dB = 0.949 W/kg

WLAN 5.2GHz_802.11a 6Mbps_Left Cheek_Ch44

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5220 MHz; Duty Cycle: 1:1.015
Medium: HSL_5250 Medium parameters used: $f = 5220$ MHz; $\sigma = 4.667$ S/m; $\epsilon_r = 36.107$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.16, 5.16, 5.16) @ 5220 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch44/Area Scan (91x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.433 W/kg

Ch44/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.926 V/m; Power Drift = 0.14 dB

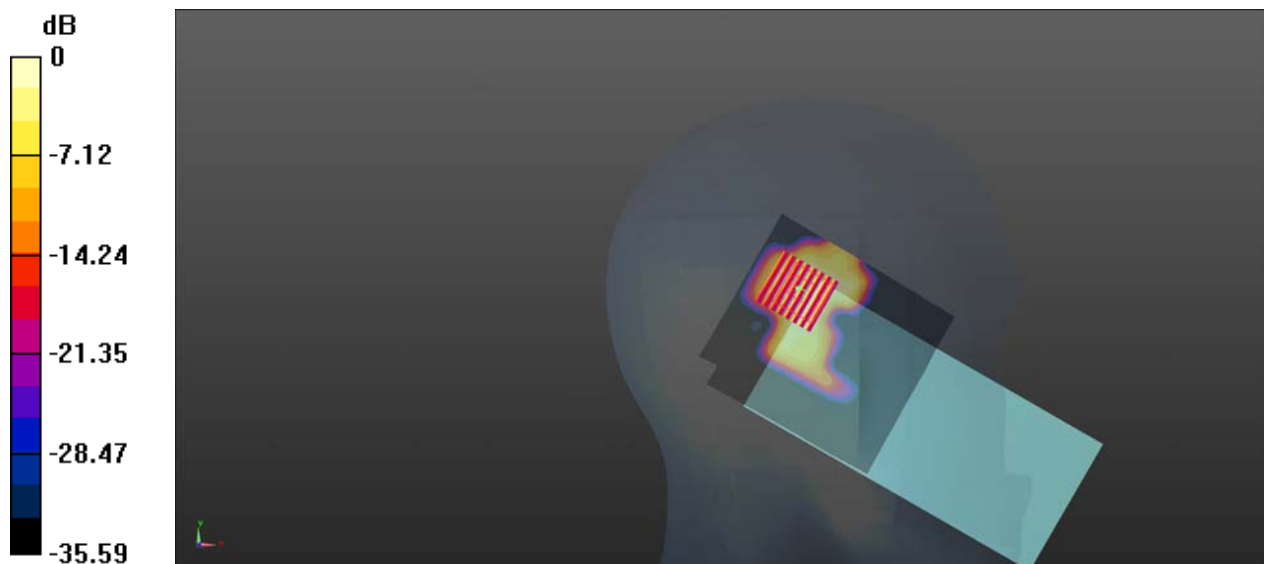
Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.085 W/kg

Smallest distance from peaks to all points 3 dB below = 8.3 mm

Ratio of SAR at M2 to SAR at M1 = 54%

Maximum value of SAR (measured) = 0.468 W/kg



0 dB = 0.468 W/kg

WLAN 5.8GHz_802.11a 6Mbps_Left Cheek_Ch149

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.015
Medium: HSL_5250 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.291$ S/m; $\epsilon_r = 35.168$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.65, 4.65, 4.65) @ 5745 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch149/Area Scan (91x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.246 W/kg

Ch149/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.849 V/m; Power Drift = 0.14 dB

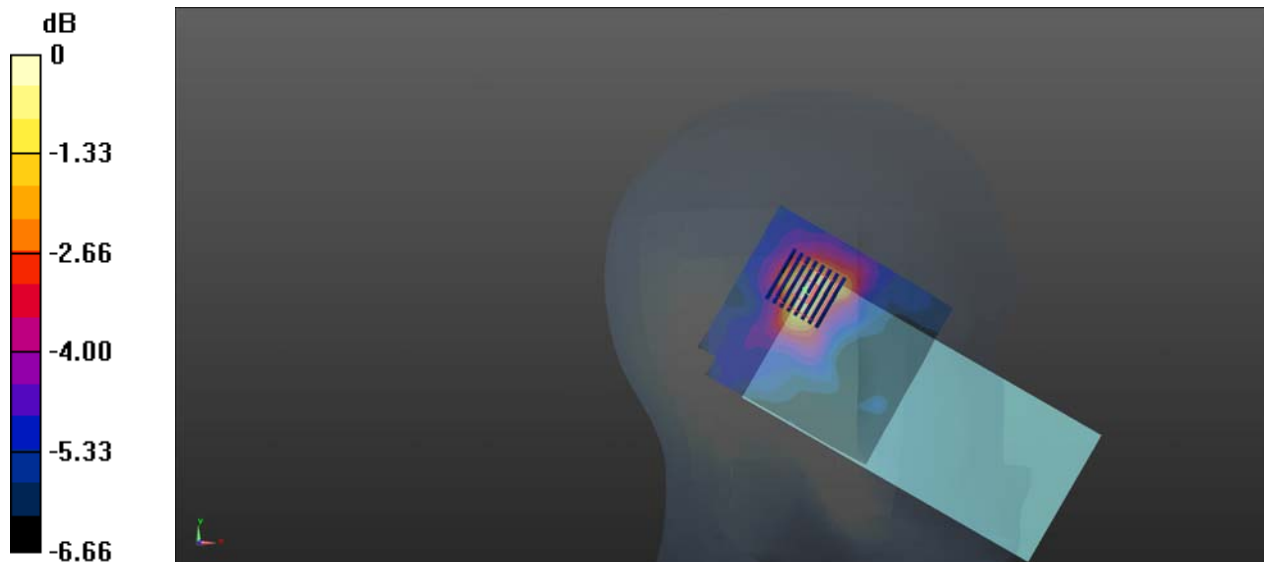
Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.095 W/kg

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 63.7%

Maximum value of SAR (measured) = 0.239 W/kg



0 dB = 0.239 W/kg

GSM850_GPRS(4 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(7.99, 7.99, 7.99) @ 836.4 MHz; Calibrated: 2022.01.12

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn480; Calibrated: 2021.06.22

- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.417 W/kg

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

Reference Value = 21.64 V/m; Power Drift = -0.56 dB

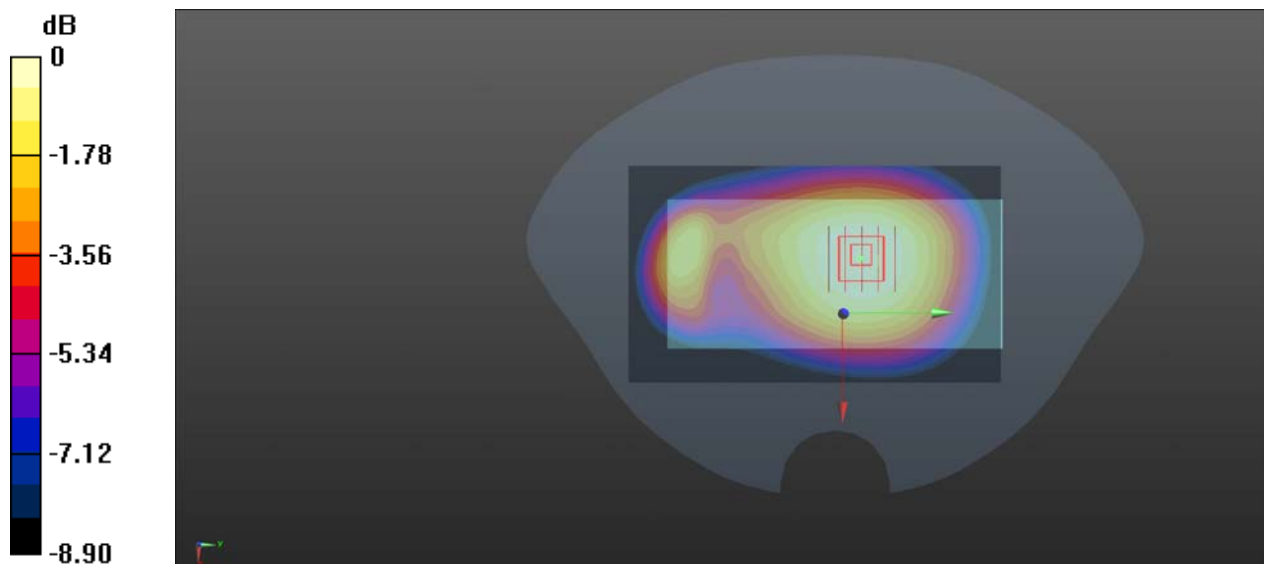
Peak SAR (extrapolated) = 0.505 W/kg

SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.290 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 77.1%

Maximum value of SAR (measured) = 0.409 W/kg



0 dB = 0.409 W/kg

GSM1900_GPRS(4 TX slots)_Back Side_10mm_Ch512

Communication System: UID 0, GSM1900(class 12) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: HSL_2000 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.327$ S/m; $\epsilon_r = 40.089$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.99, 7.99, 7.99) @ 1850.2 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch512/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.749 W/kg

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

Reference Value = 12.12 V/m; Power Drift = -0.12 dB

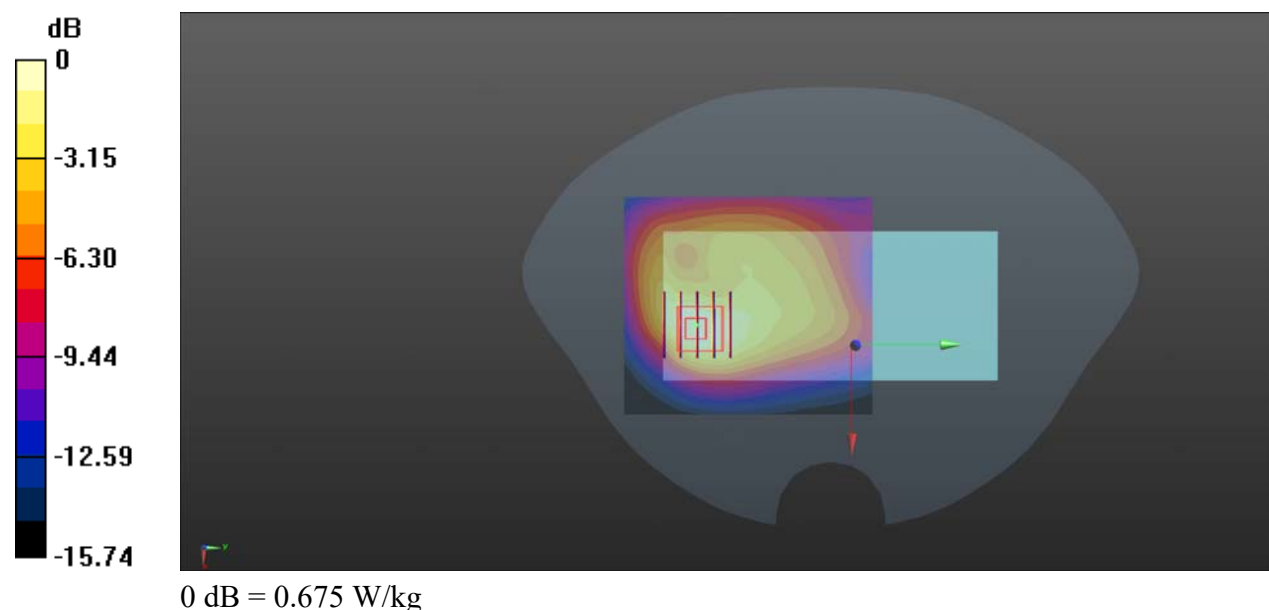
Peak SAR (extrapolated) = 0.846 W/kg

SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.442 W/kg

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 57%

Maximum value of SAR (measured) = 0.675 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_2000 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 : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3685; ConvF(7.21, 7.21, 7.21) @ 1880 MHz; Calibrated: 2019.03.25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.702 W/kg

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

Reference Value = 10.34 V/m; Power Drift = 0.02 dB

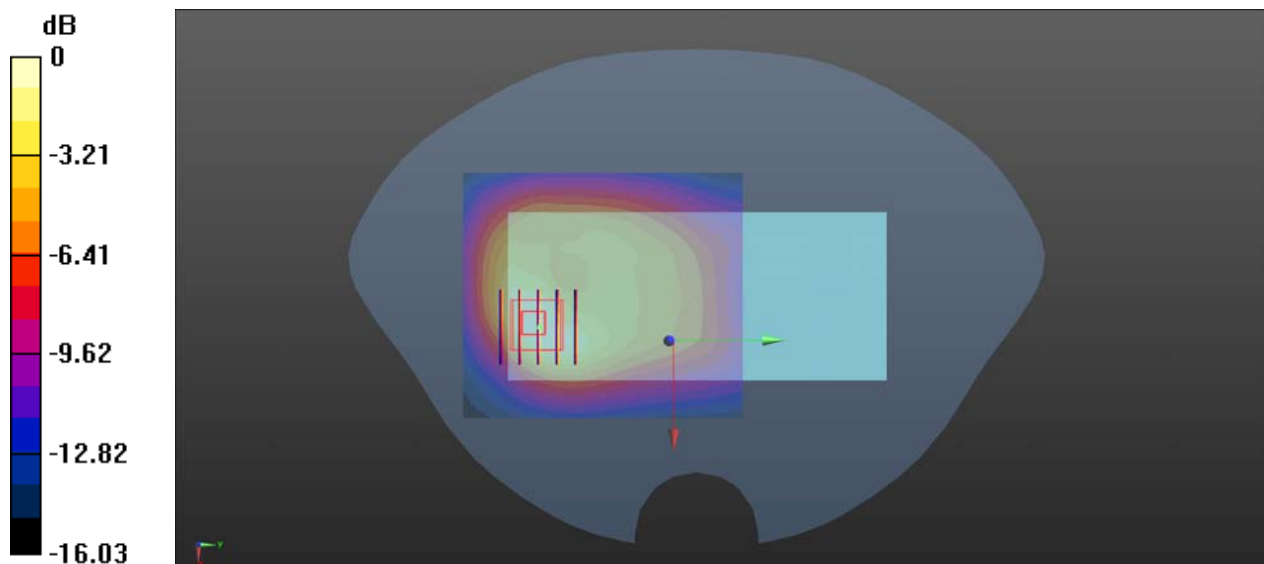
Peak SAR (extrapolated) = 0.870 W/kg

SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.269 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 56.5%

Maximum value of SAR (measured) = 0.691 W/kg



0 dB = 0.691 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; $\sigma = 1.412$ S/m; $\epsilon_r = 39.814$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3685; ConvF(7.5, 7.5, 7.5) @ 1732.6 MHz; Calibrated: 2019.03.25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.927 W/kg

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

Reference Value = 12.88 V/m; Power Drift = -0.01 dB

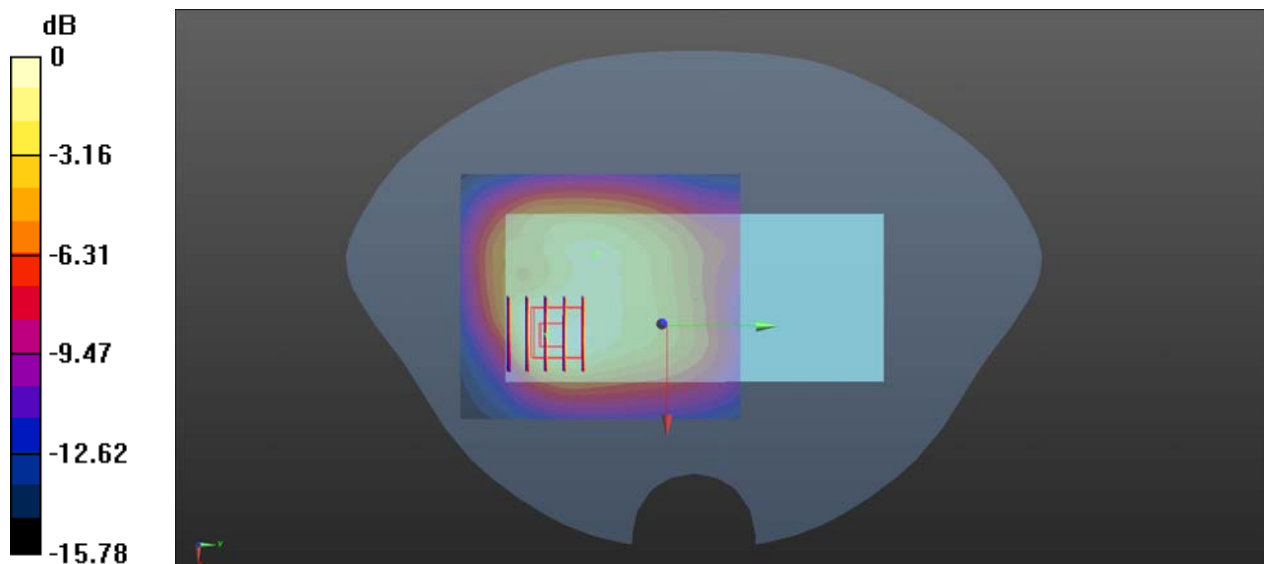
Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.367 W/kg

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 59.4%

Maximum value of SAR (measured) = 0.865 W/kg



0 dB = 0.865 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; $\sigma = 0.943$ S/m; $\epsilon_r = 42.978$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3685; ConvF(8.57, 8.57, 8.57) @ 836.4 MHz; Calibrated: 2019.03.25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

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

Reference Value = 17.40 V/m; Power Drift = -0.07 dB

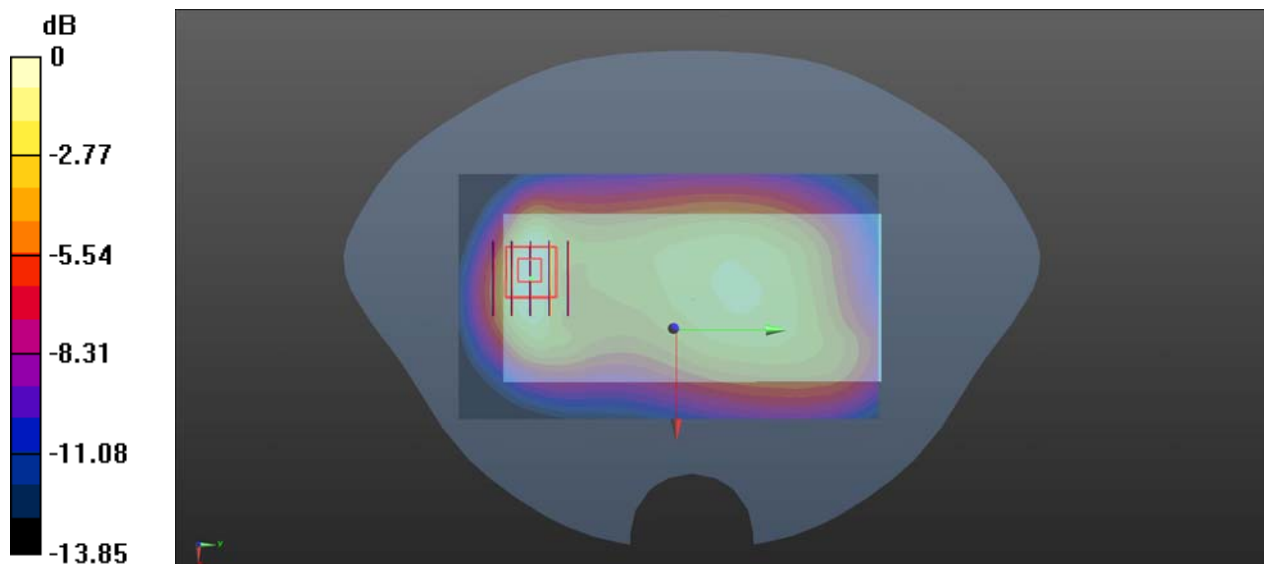
Peak SAR (extrapolated) = 0.631 W/kg

SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.194 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 55.6%

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



0 dB = 0.493 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 - SN3685; ConvF(8.57, 8.57, 8.57) @ 836.5 MHz; Calibrated: 2019.03.25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.735 W/kg

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

Reference Value = 22.24 V/m; Power Drift = -0.03 dB

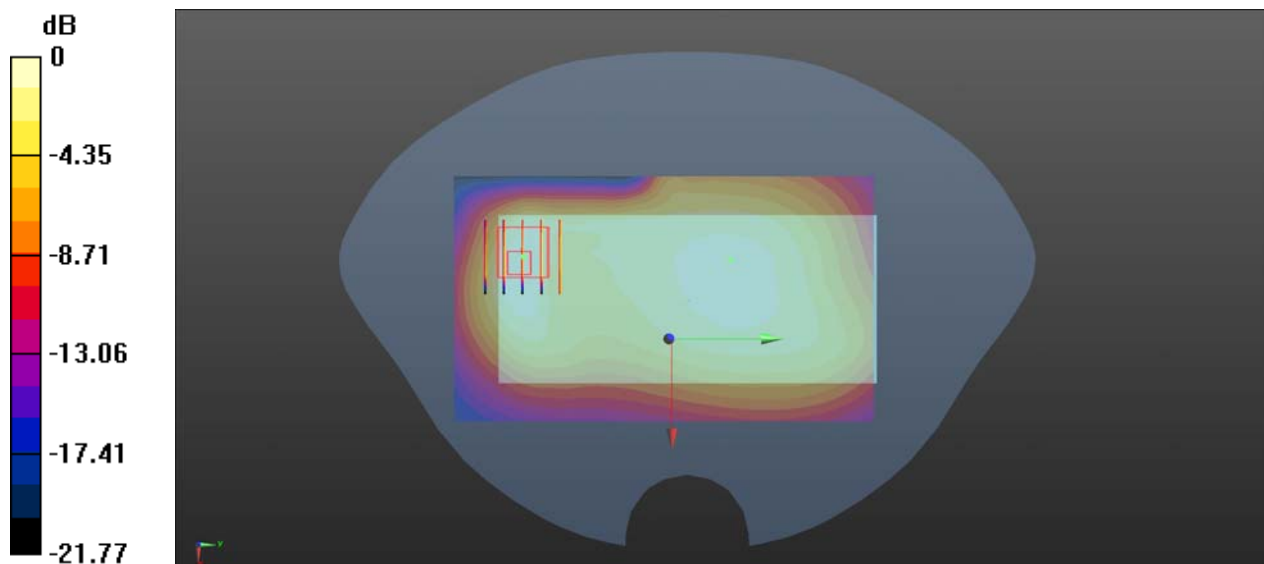
Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.287 W/kg

Smallest distance from peaks to all points 3 dB below = 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 55.7%

Maximum value of SAR (measured) = 0.700 W/kg



0 dB = 0.700 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(10.2, 10.2, 10.2) @ 707.5 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.248 W/kg

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

Reference Value = 16.26 V/m; Power Drift = -0.15 dB

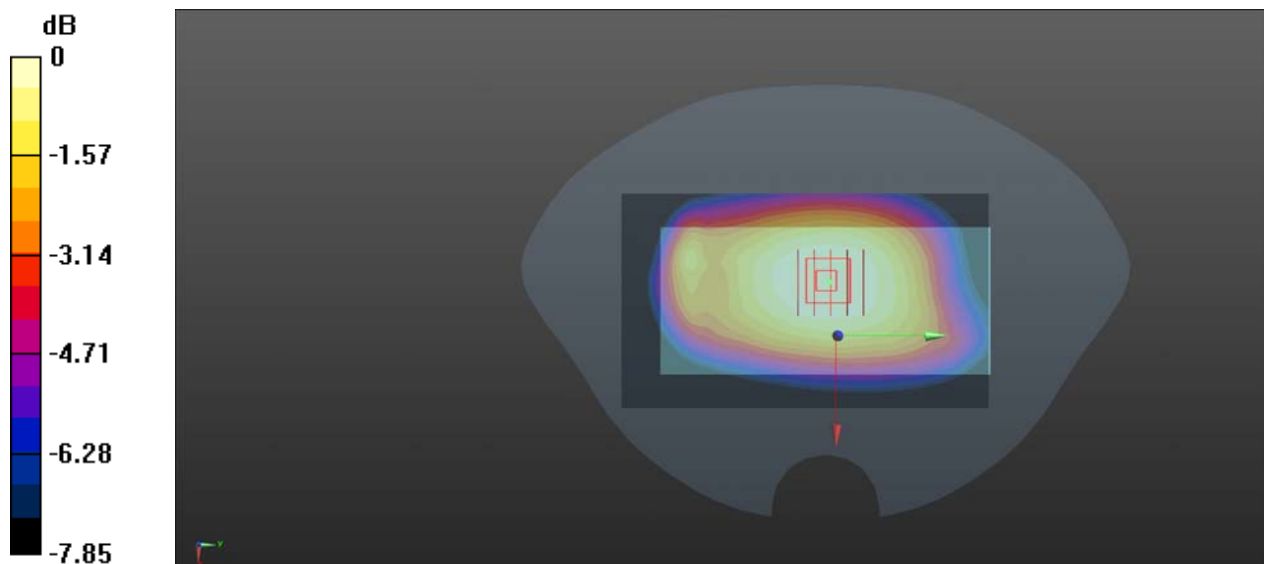
Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.160 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 78.8%

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



0 dB = 0.243 W/kg

LTE Band 25_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch26365

Communication System: UID 0, LTE (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_2000 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.123$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3685; ConvF(7.21, 7.21, 7.21) @ 1882.5 MHz; Calibrated: 2019.03.25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch26365/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.849 W/kg

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.29 V/m; Power Drift = -0.02 dB

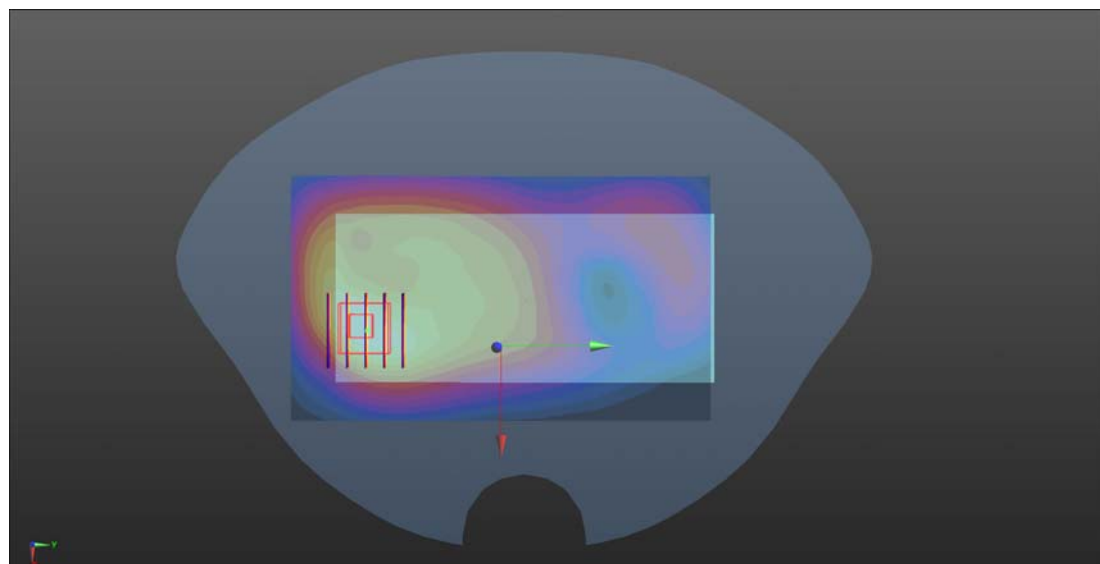
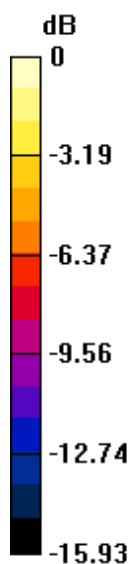
Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.331 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 57.8%

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



0 dB = 0.833 W/kg

LTE Band 26_15MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch26865

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

Medium: HSL_900 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 42.882$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3685; ConvF(8.57, 8.57, 8.57) @ 831.5 MHz; Calibrated: 2019.03.25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch26865/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.508 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.08 V/m; Power Drift = -0.07 dB

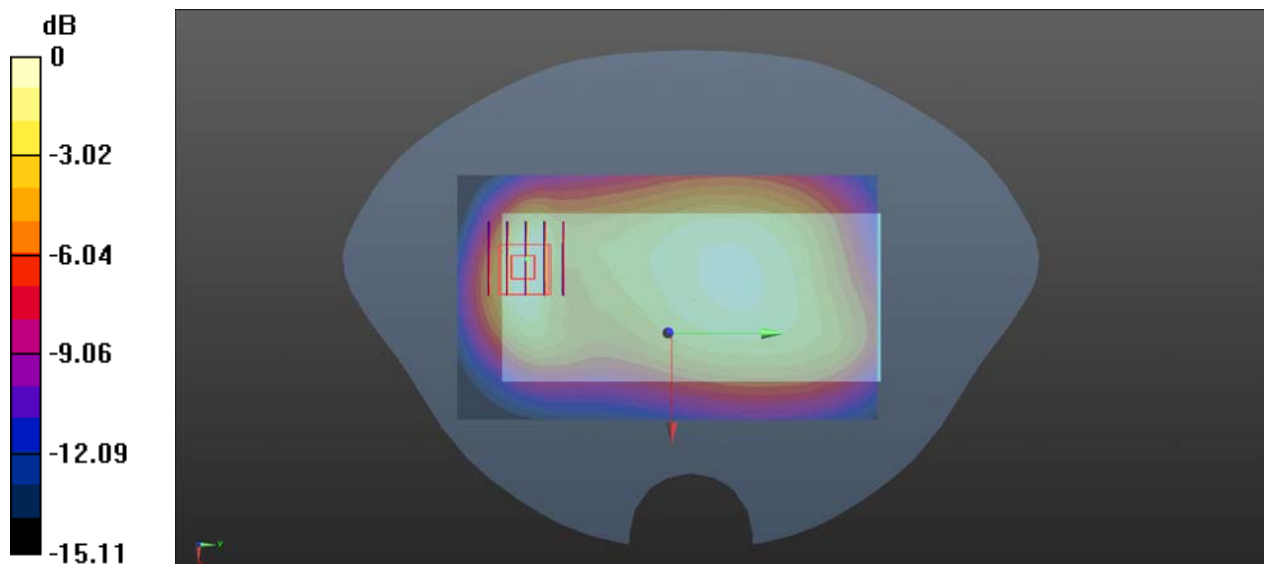
Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.204 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 55.9%

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



0 dB = 0.514 W/kg

LTE Band 41_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch41055

Communication System: UID 0, LTE (0); Frequency: 2636.5 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600 Medium parameters used: $f = 2637$ MHz; $\sigma = 2.026$ S/m; $\epsilon_r = 38.095$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.08, 7.08, 7.08) @ 2636.5 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch41055/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

Ch41055/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.624 V/m; Power Drift = -0.07 dB

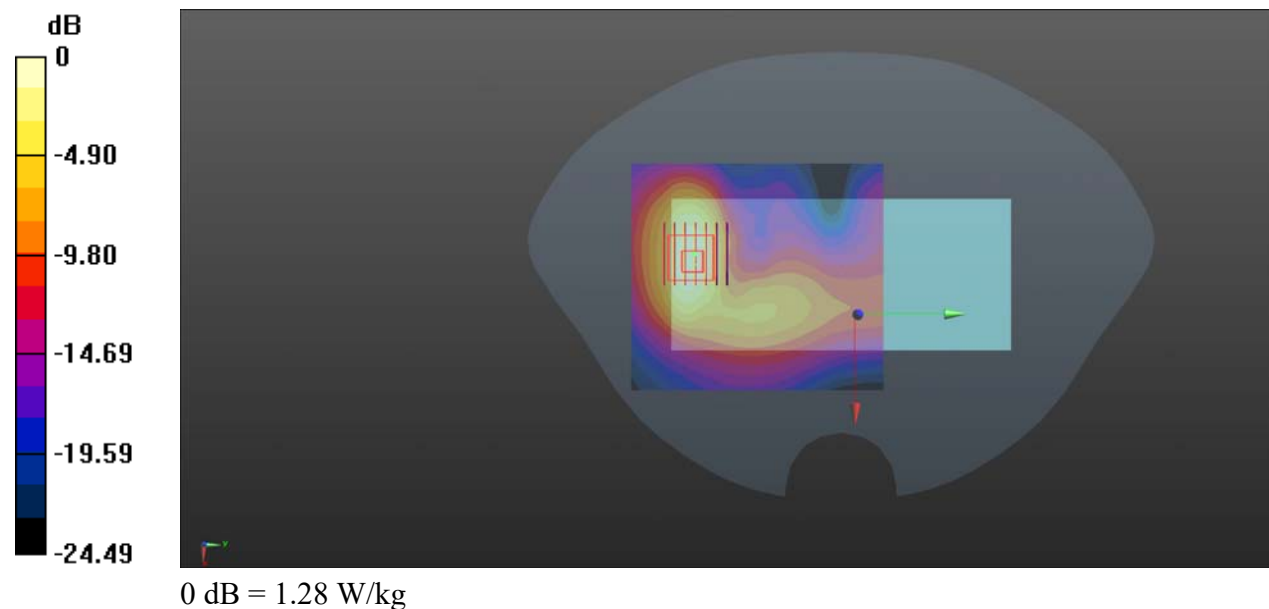
Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.415 W/kg

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 50%

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



LTE Band 41_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch41490

Communication System: UID 0, LTE (0); Frequency: 2680 MHz; Duty Cycle: 1:1.159

Medium: HSL_2600 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.065$ S/m; $\epsilon_r = 37.723$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.08, 7.08, 7.08) @ 2680 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch41490/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.11 W/kg

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

Reference Value = 13.32 V/m; Power Drift = -0.07 dB

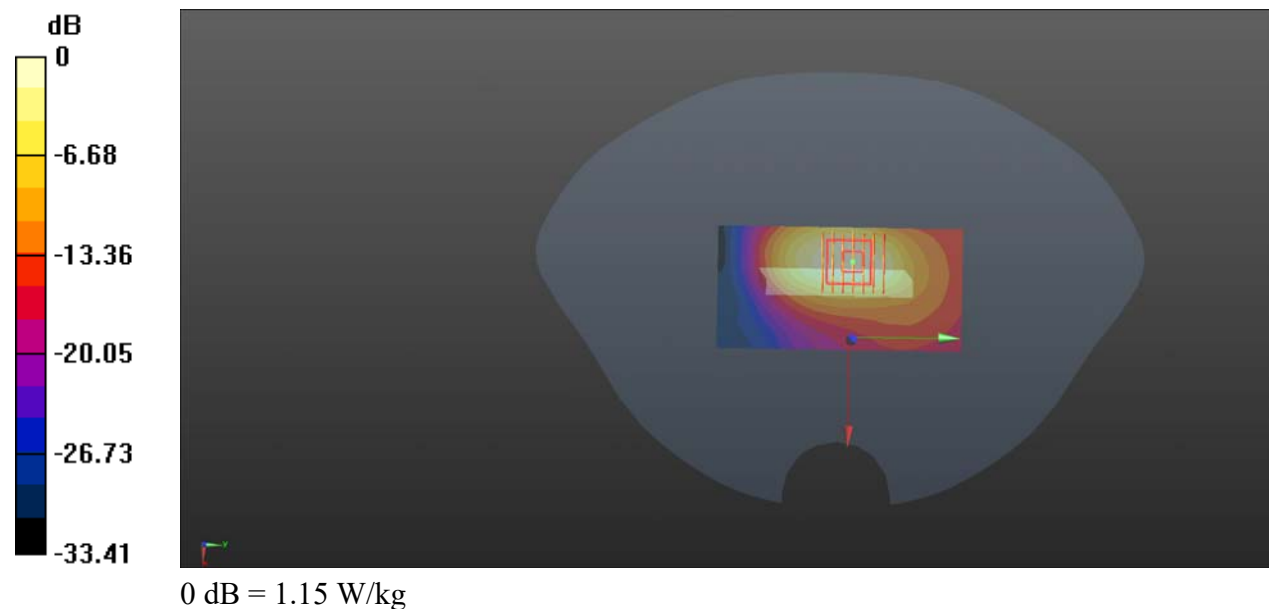
Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.488 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 49.9%

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



LTE Band 66_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch132572

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

Medium: HSL_1800 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 39.48$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3685; ConvF(7.5, 7.5, 7.5) @ 1770 MHz; Calibrated: 2019.03.25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

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

Reference Value = 14.49 V/m; Power Drift = -0.07 dB

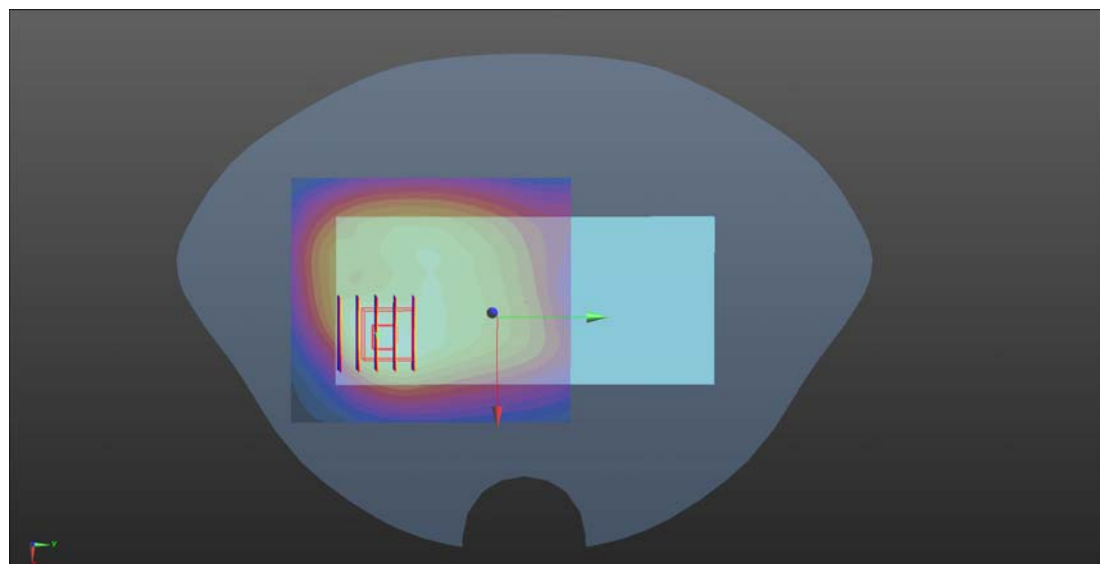
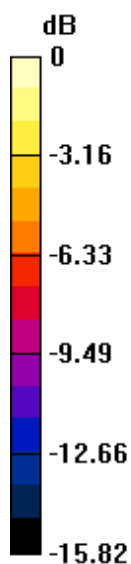
Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.466 W/kg

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 58.8%

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 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(10.2, 10.2, 10.2) @ 683 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch133322/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.143 W/kg

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

Reference Value = 11.78 V/m; Power Drift = -0.14 dB

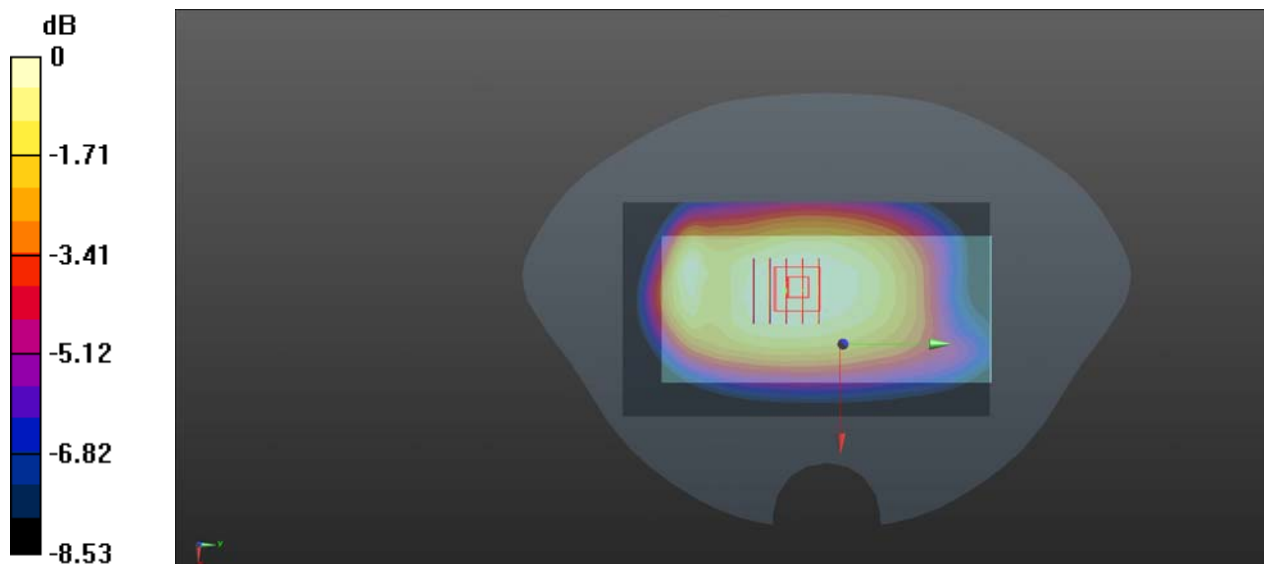
Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.094 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 78.5%

Maximum value of SAR (measured) = 0.142 W/kg



0 dB = 0.142 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: 1:1.023

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 : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.42, 7.42, 7.42) @ 2412 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 3.939 V/m; Power Drift = 0.19 dB

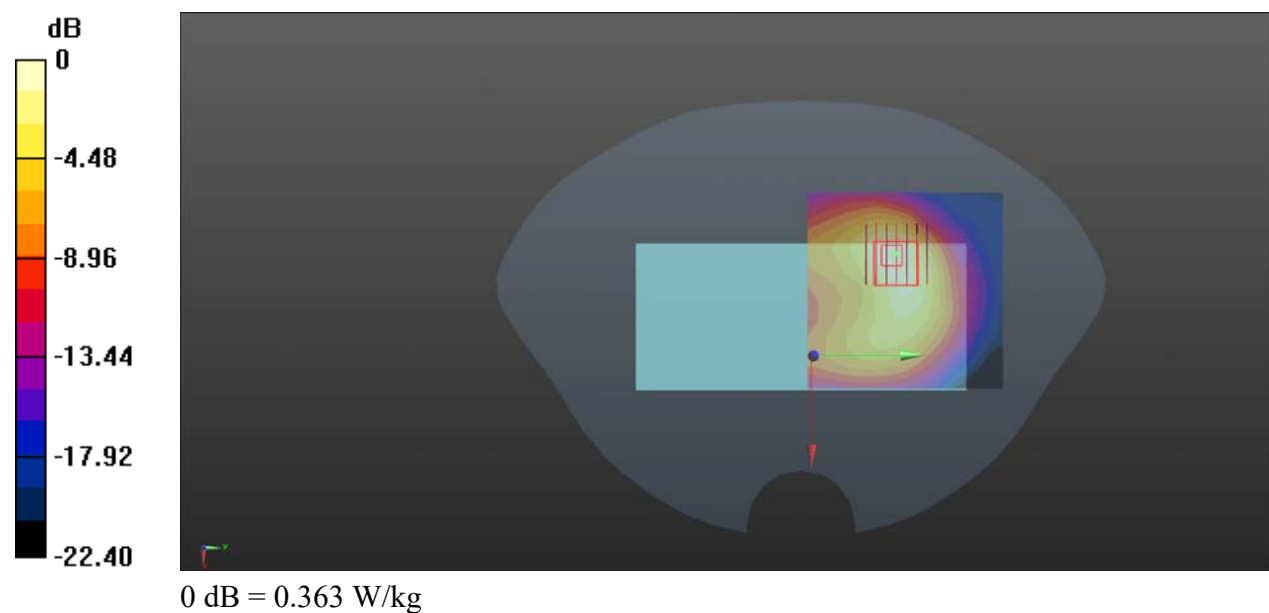
Peak SAR (extrapolated) = 0.815 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.156 W/kg

Smallest distance from peaks to all points 3 dB below = 11.7 mm

Ratio of SAR at M2 to SAR at M1 = 42.7%

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



WLAN 5.2GHz_802.11a 6Mbps_Back Side_10mm_Ch44

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5220 MHz; Duty Cycle: 1:1.015
Medium: HSL_5250 Medium parameters used: $f = 5220$ MHz; $\sigma = 4.667$ S/m; $\epsilon_r = 36.107$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.16, 5.16, 5.16) @ 5220 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch44/Area Scan (91x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.419 W/kg

Ch44/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.2720 V/m; Power Drift = 0.12 dB

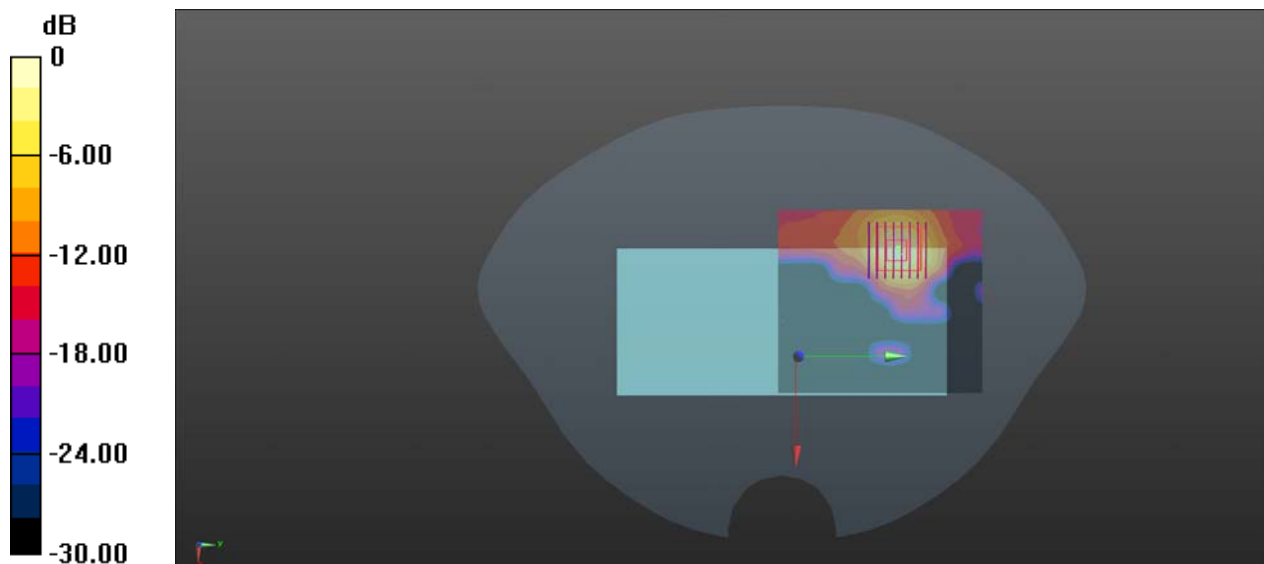
Peak SAR (extrapolated) = 0.851 W/kg

SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.063 W/kg

Smallest distance from peaks to all points 3 dB below = 6.9 mm

Ratio of SAR at M2 to SAR at M1 = 55%

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



WLAN 5.8GHz_802.11a 6Mbps_Back Side_10mm_Ch149

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.015
Medium: HSL_5750 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.291$ S/m; $\epsilon_r = 35.168$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.65, 4.65, 4.65) @ 5745 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch149/Area Scan (91x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.315 W/kg

Ch149/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.990 V/m; Power Drift = 0.07 dB

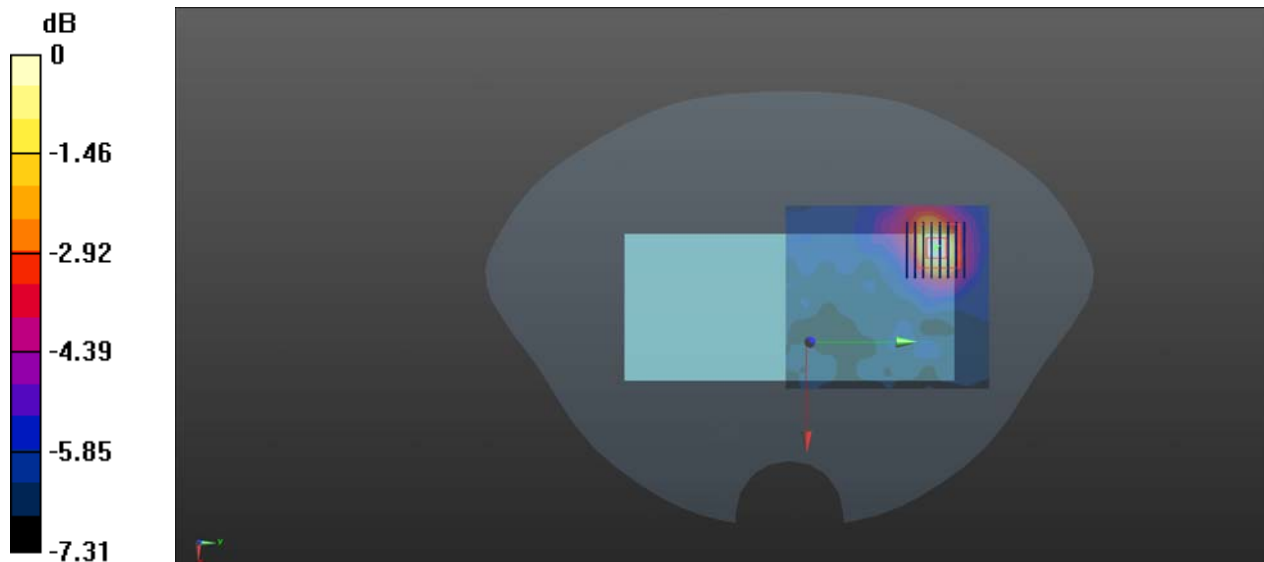
Peak SAR (extrapolated) = 0.584 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.099 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 63%

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



0 dB = 0.279 W/kg = -5.54 dBW/kg

Bluetooth_DH5_Back Side_10mm_Ch78

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.085
Medium: HSL_2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.839$ S/m; $\epsilon_r = 38.675$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.42, 7.42, 7.42) @ 2480 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch78/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.044 W/kg

Smallest distance from peaks to all points 3 dB below = 11.7 mm

Ratio of SAR at M2 to SAR at M1 = 45.3%

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

