

System Check_HSL5750_240814**DUT: Dipole 5GHz; Type: D5GHzV2**

Communication System: CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL5G_0814 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.14$ S/m; $\epsilon_r = 34.164$; $\rho = 1000$ kg/m³

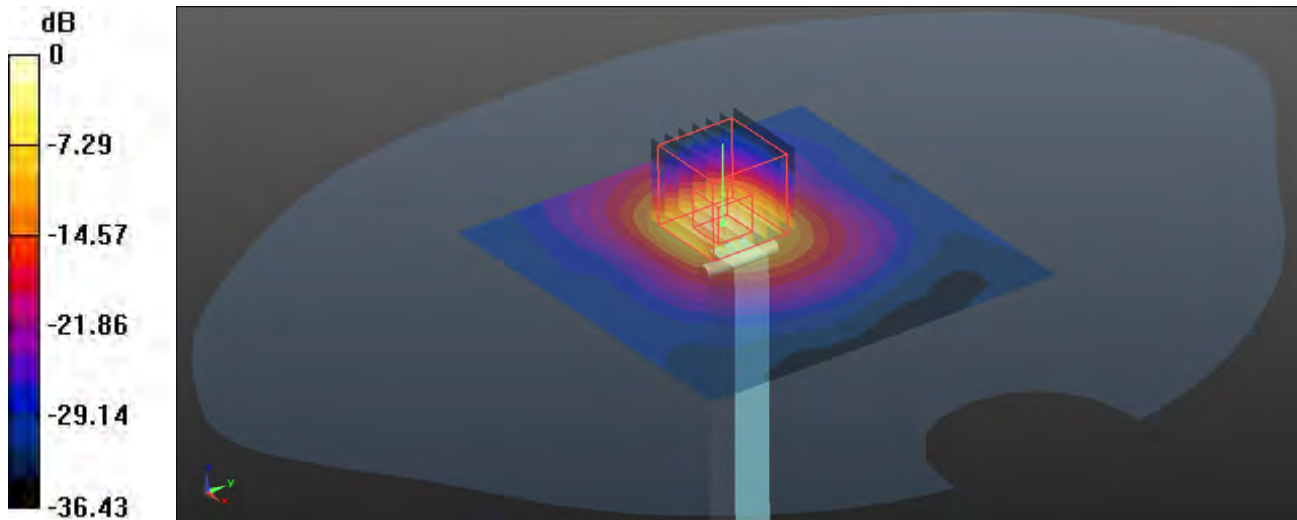
Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(5.2, 5.2, 5.2) @ 5750 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.2 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.68 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 35.0 W/kg
SAR(1 g) = 7.6 W/kg; SAR(10 g) = 2.14 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 49.6%
Maximum value of SAR (measured) = 20.6 W/kg



0 dB = 20.6 W/kg

Appendix B. SAR Plots of SAR Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination, and measured SAR > 1.5 W/kg are shown as follows.

P01 GSM850_GPRS 2Tx Slot_Right Tilted_Ch189_Ant4

Communication System: GPRS 2Tx Slot; Frequency: 836.4 MHz; Duty Cycle: 1:4.15

Medium: HSL835_0728 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 40.31$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.96, 10.96, 10.96) @ 836.4 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (71x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.37 W/kg

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

Reference Value = 23.49 V/m; Power Drift = -0.02 dB

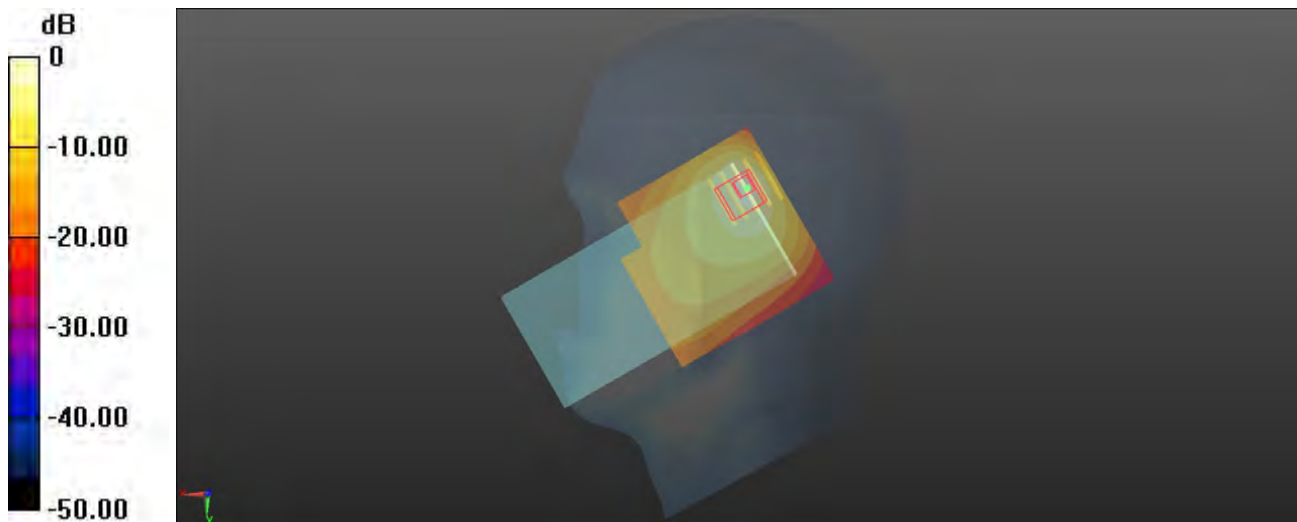
Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.370 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 32.6%

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



0 dB = 1.57 W/kg

P02 GSM1900_GPRS 3Tx Slot_Right Tilted_Ch810_Ant4

Communication System: GPRS 3Tx Slot; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium: HSL1950_0724 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.429$ S/m; $\epsilon_r = 39.339$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5°C; Liquid Temperature : 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.83, 8.83, 8.83) @ 1909.8 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (71x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

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

Reference Value = 13.30 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.251 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 43.4%

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



0 dB = 1.02 W/kg

P03 WCDMA II_RMC12.2K_Right Tilted_Ch9262_Ant4

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL1950_0730 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 40.137$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.83, 8.83, 8.83) @ 1852.4 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (71x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

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

Reference Value = 16.22 V/m; Power Drift = -0.02 dB

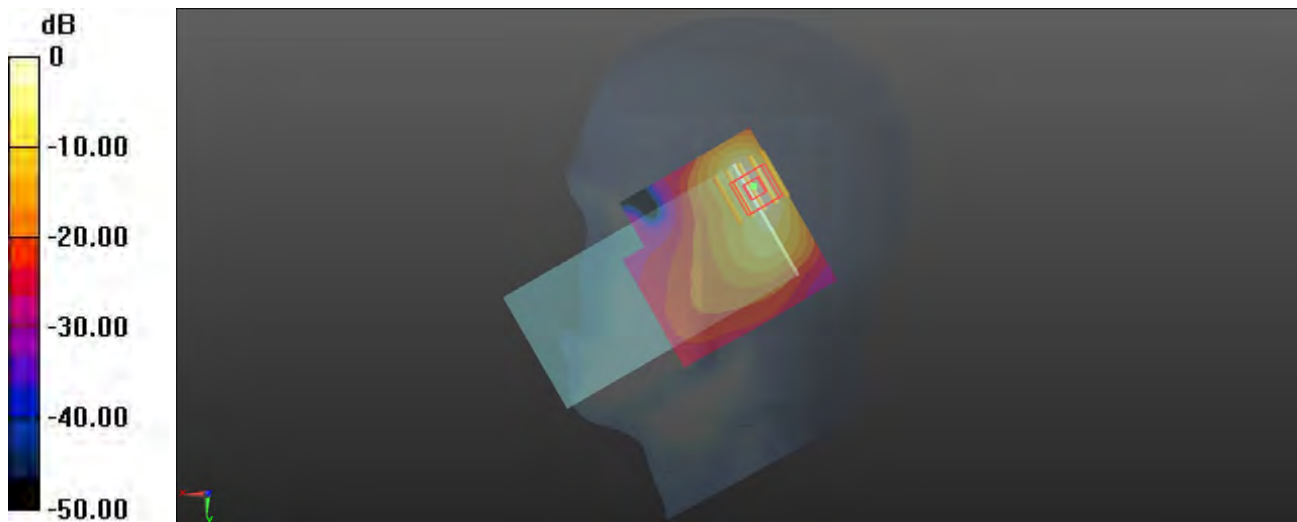
Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.329 W/kg

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

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

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



0 dB = 1.25 W/kg

P04 WCDMA IV_RMC12.2K_Right Tilted_Ch1413_Ant4

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL1750_0731 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.355$ S/m; $\epsilon_r = 40.108$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(9.2, 9.2, 9.2) @ 1732.6 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

- **Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 19.39 V/m; Power Drift = -0.07 dB

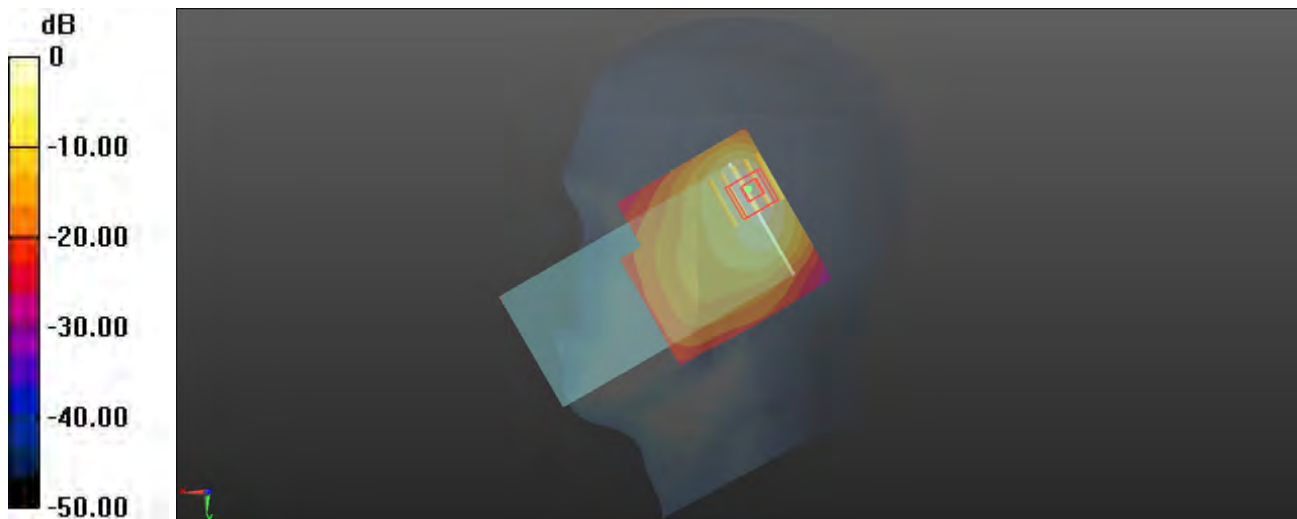
Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.399 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 47.6%

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



0 dB = 1.11 W/kg

P05 WCDMA V_RMC12.2K_Right Cheek_Ch4233_Ant4

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL835_0728 Medium parameters used: $f = 847$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 40.277$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.96, 10.96, 10.96) @ 846.6 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (71x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

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

Reference Value = 18.35 V/m; Power Drift = -0.05 dB

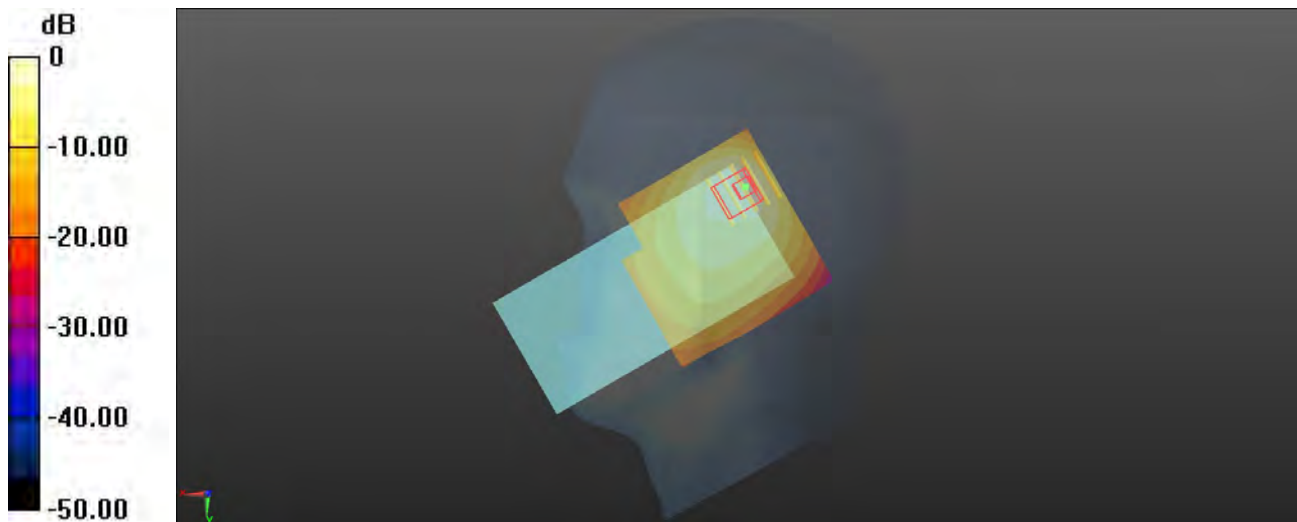
Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.300 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 42.6%

Maximum value of SAR (measured) = 0.797 W/kg



0 dB = 0.797 W/kg

P06 LTE 2_QPSK20M_Right Tilted_Ch18900_50RB_OS0_Ant4

Communication System: LTE_FDD; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL1950_0824 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 38.899$; $\rho = 1000$ kg/m³

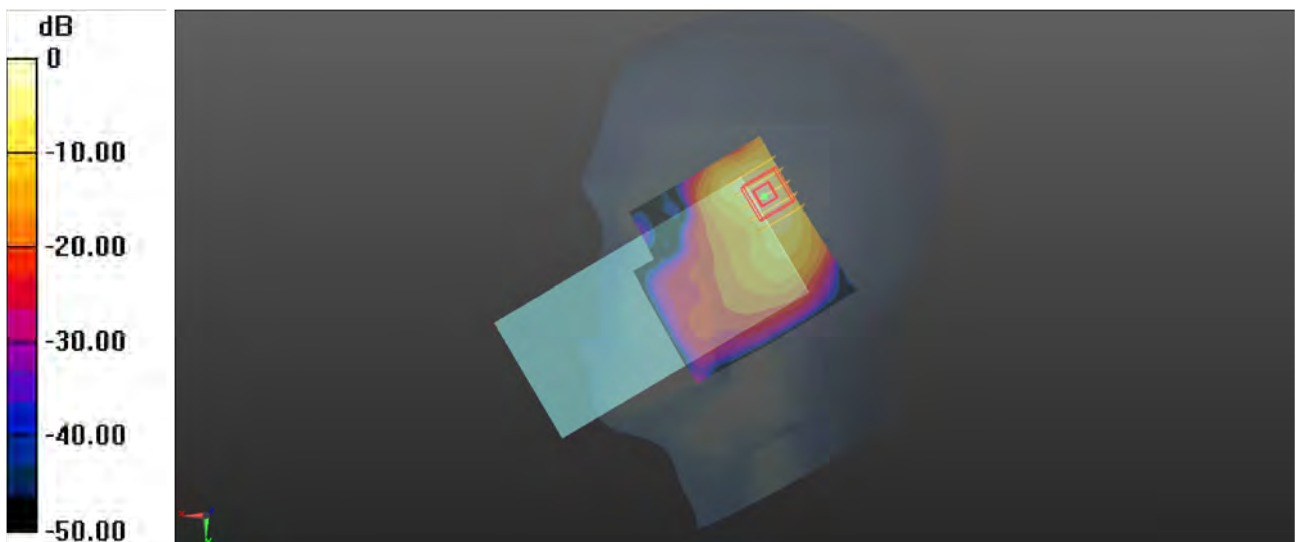
Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3985; ConvF(8.16, 8.16, 8.16) @ 1860 MHz; Calibrated: 2024/07/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn755; Calibrated: 2024/07/5
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

- **Area Scan (71x71x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.779 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm Reference Value = 12.74 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.577 W/kg; SAR(10 g) = 0.279 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 47.3%
Maximum value of SAR (measured) = 0.818 W/kg



0 dB = 0.818 W/kg

P07 LTE 7_QPSK20M_Right Tilted_Ch21350_50RB_OS25_Ant4

Communication System: LTE_FDD; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2550_0802 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 39.53$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.01, 8.01, 8.01) @ 2560 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (91x171x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.957 W/kg

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

Reference Value = 9.548 V/m; Power Drift = 0.07 dB

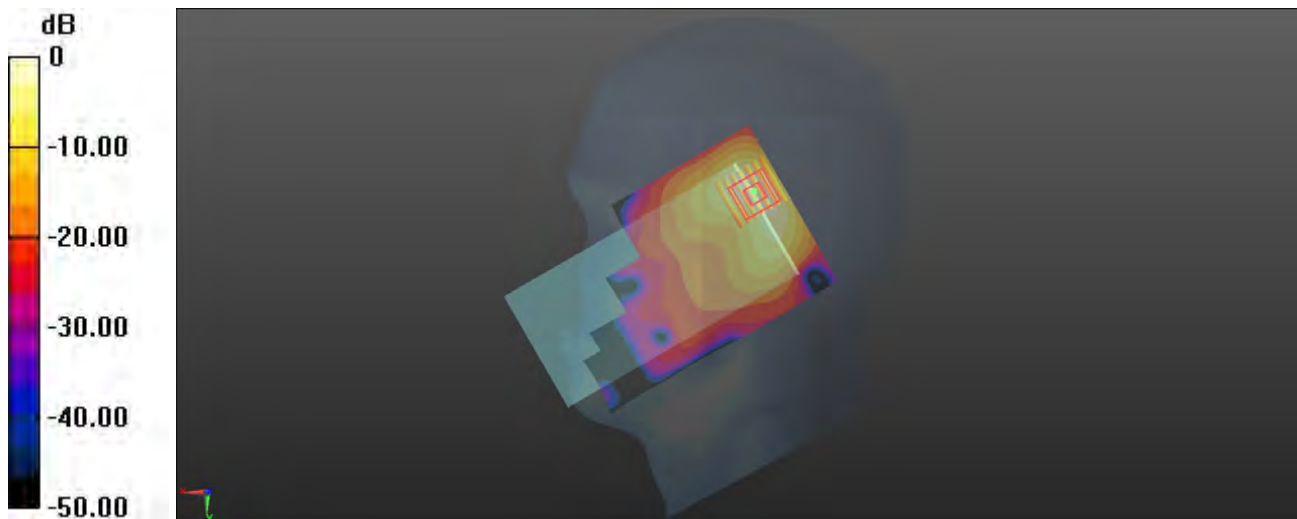
Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.327 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 43.2%

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



0 dB = 1.02 W/kg

P08 LTE 12_QPSK10M_Right Cheek_Ch23130_1RB_OS0_Ant4

Communication System: LTE_FDD; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL750_0724 Medium parameters used: $f = 711$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 43.022$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(11.4, 11.4, 11.4) @ 711 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (71x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

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

Reference Value = 22.82 V/m; Power Drift = 0.01 dB

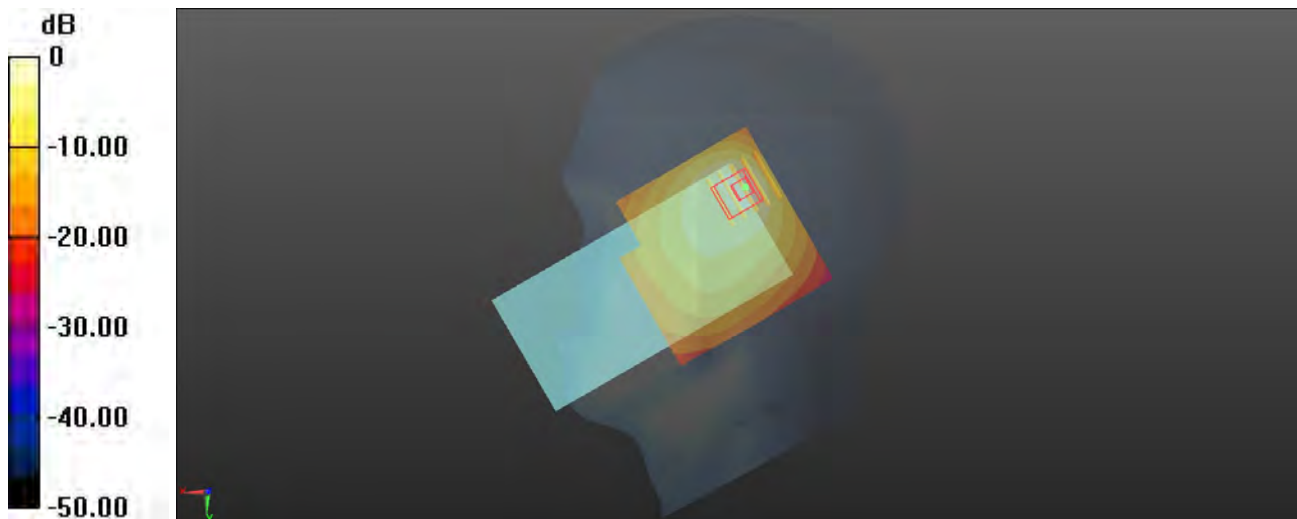
Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.396 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 33.3%

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg

P09 LTE 13_QPSK10M_Right Cheek_Ch23230_1RB_OS49_Ant4

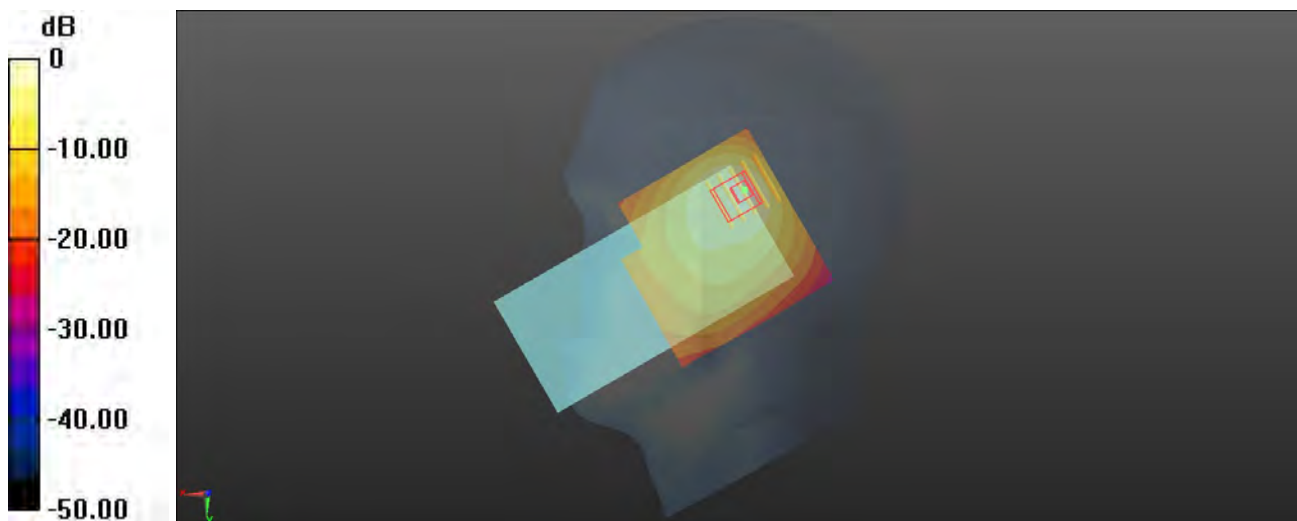
Communication System: UID 0, LTE_FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium: HSL750_0724 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.911 \text{ S/m}$; $\epsilon_r = 42.824$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23.4°C ; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(11.4, 11.4, 11.4) @ 782 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (71x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.994 W/kg

-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 21.31 V/m ; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 0.684 W/kg ; SAR(10 g) = 0.342 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 31.5%
Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg

P10 LTE 26_QPSK15M_Right Tilted_Ch26865_1RB_OS0_Ant4

Communication System: LTE_FDD; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL835_0729 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 43.298$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.96, 10.96, 10.96) @ 831.5 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

- **Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.941 W/kg

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

Reference=Value = 22.51 V/m; Power Drift = 0.16 dB

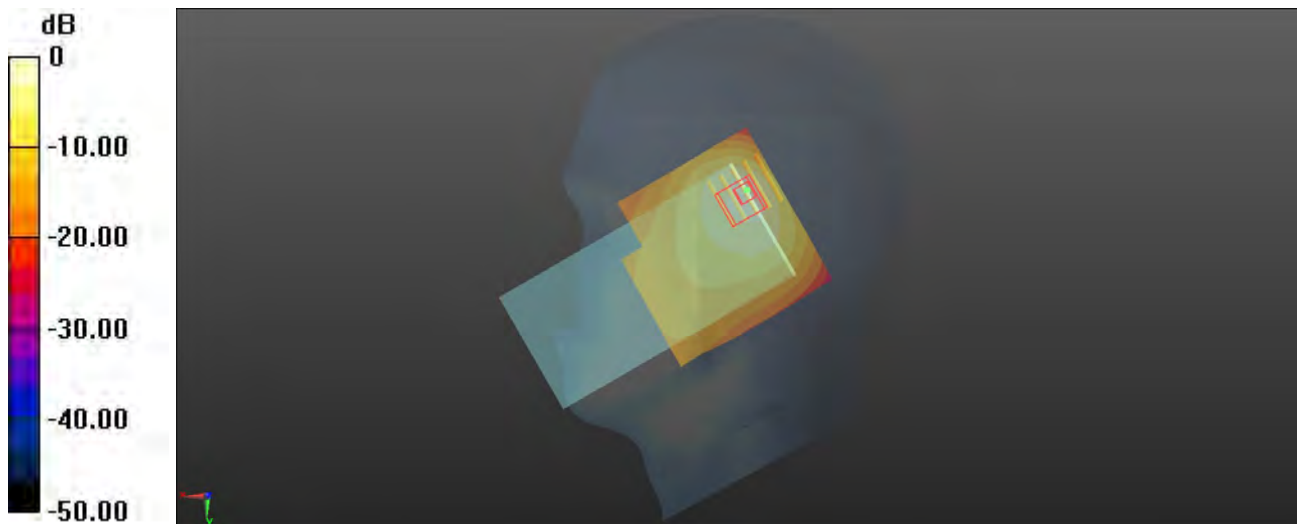
Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.314 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 38.1%

Maximum value of SAR (measured) = 0.987 W/kg



0 dB = 0.987 W/kg

P11 LTE 38_QPSK20M_Right Tilted_Ch38000_100RB_OS0_Ant4

Communication System: LTE_TDD; Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL2550_0802 Medium parameters used: $f = 2595$ MHz; $\sigma = 1.884$ S/m; $\epsilon_r = 39.47$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1°C; Liquid Temperature : 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.01, 8.01, 8.01) @ 2595 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (91x91x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.09 W/kg

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

Reference Value = 12.21 V/m; Power Drift = 0.11 dB

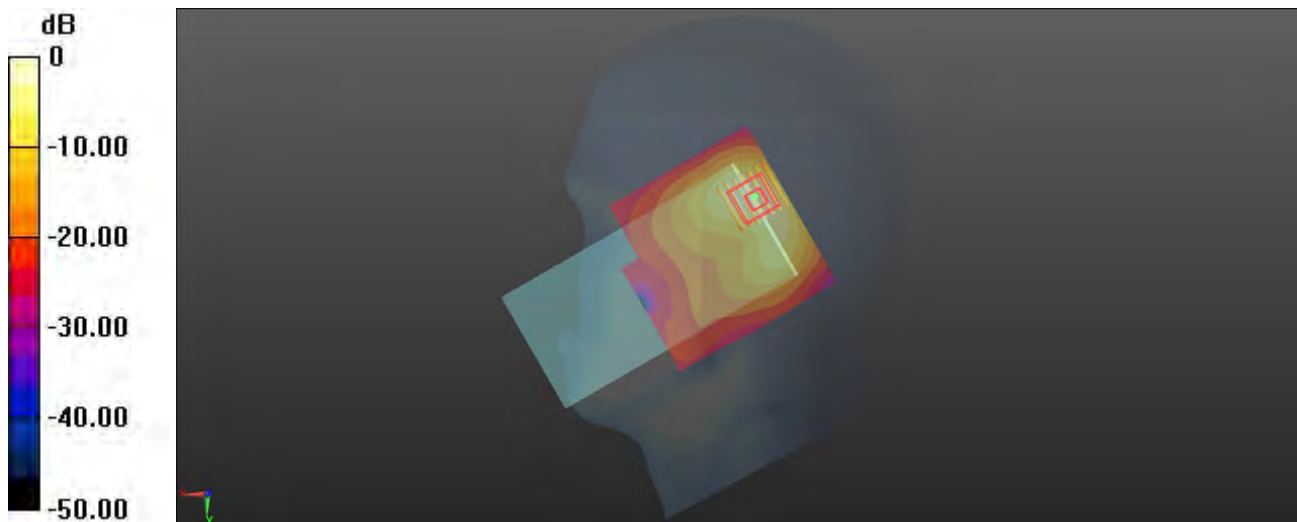
Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.317 W/kg

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 43.1%

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



0 dB = 1.15 W/kg

P12 LTE 41_QPSK20M_Left Cheek_Ch39750_1RB_OS50_Ant7

Communication System: LTE_TDD; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: HSL2550_0804 Medium parameters used: $f = 2506$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 39.663$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.01, 8.01, 8.01) @ 2506 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (91x91x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.828 W/kg

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

Reference Value = 3.560 V/m; Power Drift = 0.05 dB

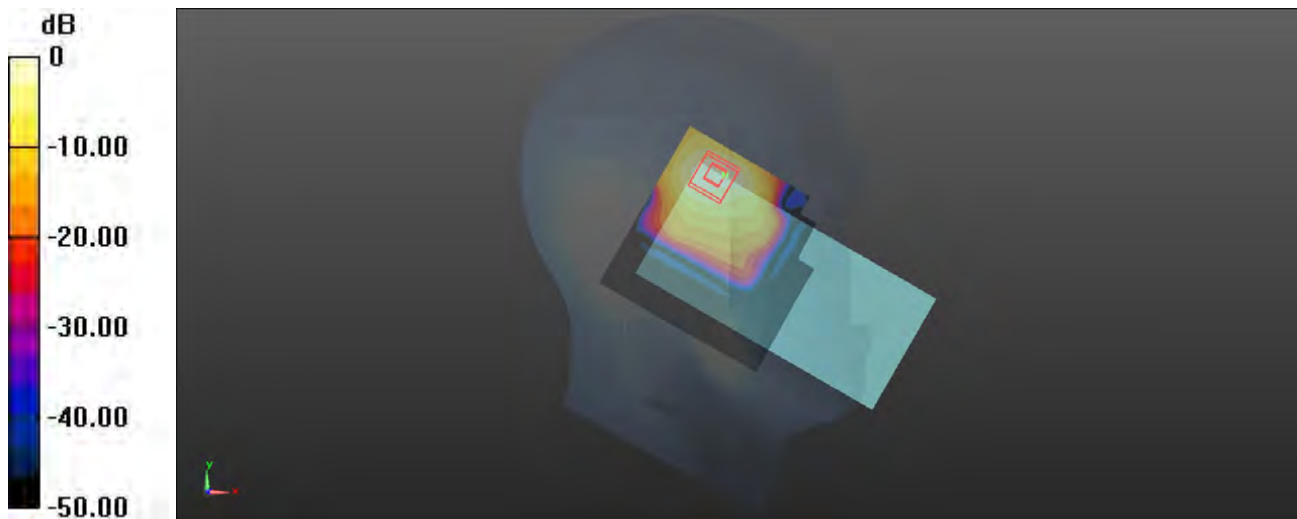
Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.300 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 43.3%

Maximum value of SAR (measured) = 0.844 W/kg



0 dB = 0.844 W/kg

P13 LTE 42_QPSK20M_Left Tilted_Ch42590_1RB_OS50_Ant5

Communication System: LTE_TDD; Frequency: 3500 MHz; Duty Cycle: 1:1.59

Medium: HSL3500_0805 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.821$ S/m; $\epsilon_r = 39.687$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(7.45, 7.45, 7.45) @ 3500 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.39 W/kg

-Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 9.254 V/m; Power Drift = 0.06 dB

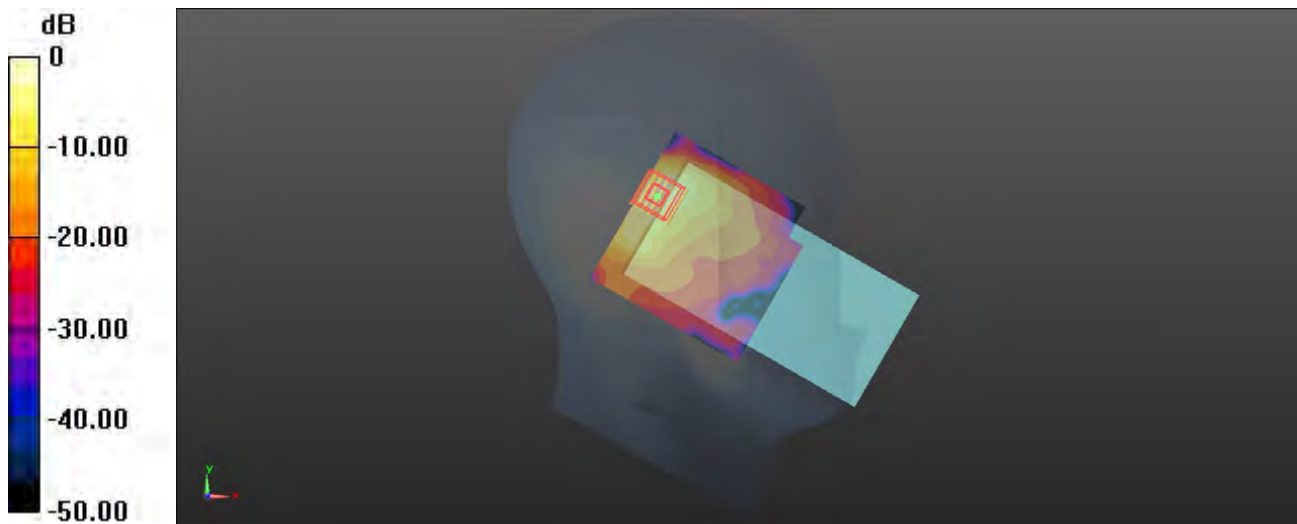
Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.28 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 63.4%

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



0 dB = 1.40 W/kg

P14 LTE 48_QPSK20M_Right Cheek_Ch55340_1RB_OS50_Ant2

Communication System: LTE_TDD; Frequency: 3560 MHz; Duty Cycle: 1:1.59

Medium: HSL3500_0805 Medium parameters used: $f = 3560$ MHz; $\sigma = 2.881$ S/m; $\epsilon_r = 39.593$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(7.45, 7.45, 7.45) @ 3560 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (111x111x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

-Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 4.928 V/m; Power Drift = 0.01 dB

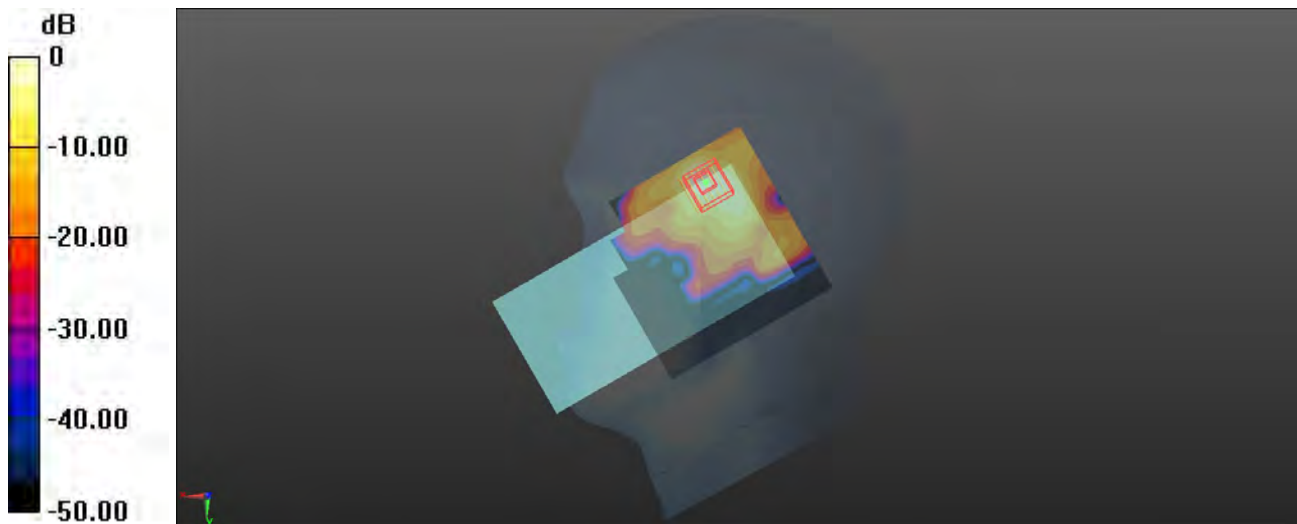
Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.290 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 66%

Maximum value of SAR (measured) = 1.81 W/kg



0 dB = 1.81 W/kg

P15 LTE 66_QPSK20M_Right Tilted_Ch132072_50RB_OS50_Ant4

Communication System: LTE_FDD; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL1750_0824 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 39.428$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3985; ConvF(8.51, 8.51, 8.51) @ 1720 MHz; Calibrated: 2024/07/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn755; Calibrated: 2024/07/5
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

- **Area Scan (71x71x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.00 W/kg

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

Reference Value = 15.58 V/m; Power Drift = 0.01 dB

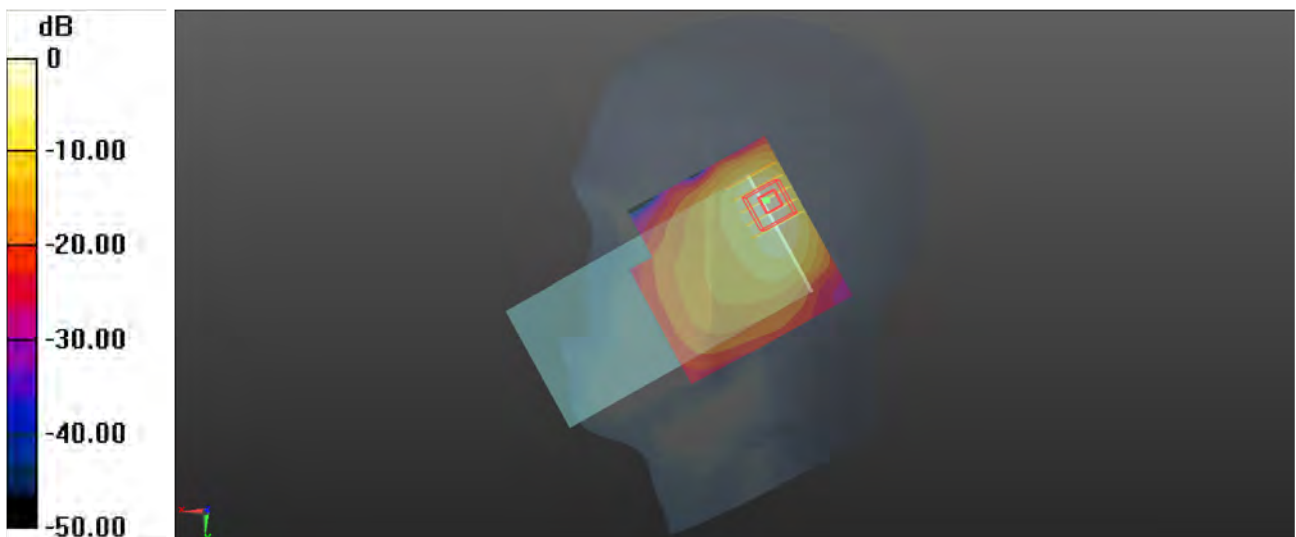
Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.242 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 43.8%

Maximum value of SAR (measured) = 0.942 W/kg



0 dB = 0.942 W/kg

P16 N2_DFT-QPSK20M_Right Tilted_Ch372000_1RB_OS53_Ant4

Communication System: NR; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL1950_0724 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 39.398$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5°C; Liquid Temperature : 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.83, 8.83, 8.83) @ 1860 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (71x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

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

Reference Value = 14.47 V/m; Power Drift = 0.01 dB

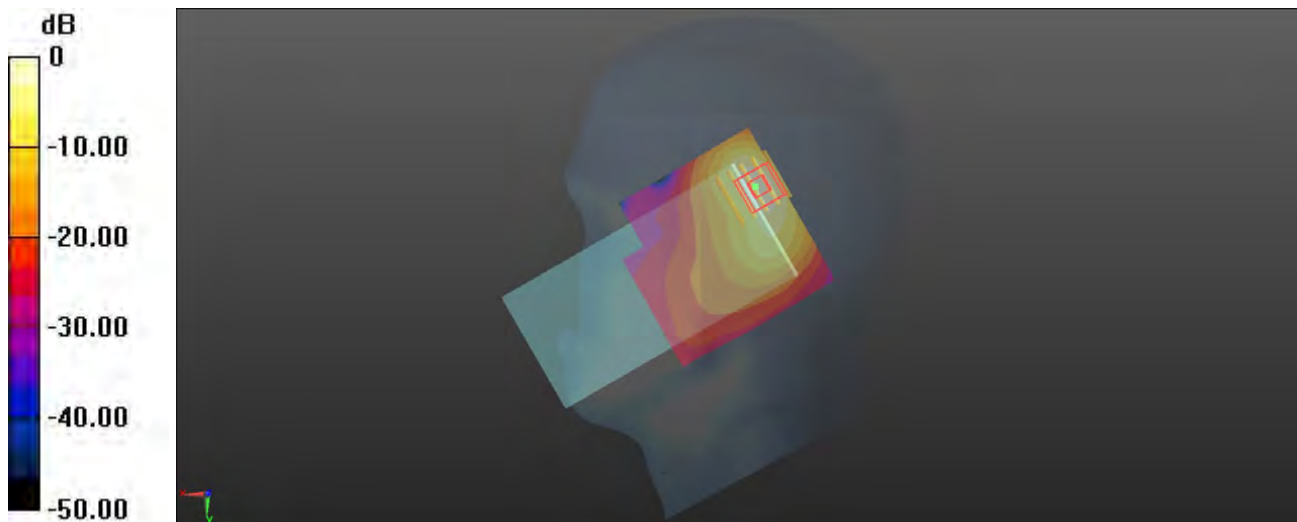
Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.373 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.5%

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



0 dB = 1.21 W/kg

P17 N7_DFT-QPSK50M_Right Tilted_Ch509000_1RB_OS135_Ant4

Communication System: NR; Frequency: 2545 MHz; Duty Cycle: 1:1

Medium: HSL2550_0802 Medium parameters used: $f = 2545$ MHz; $\sigma = 1.954$ S/m; $\epsilon_r = 39.204$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.2, 8.2, 8.2) @ 2545 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (91x91x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

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

Reference Value = 9.599 V/m; Power Drift = 0.01 dB

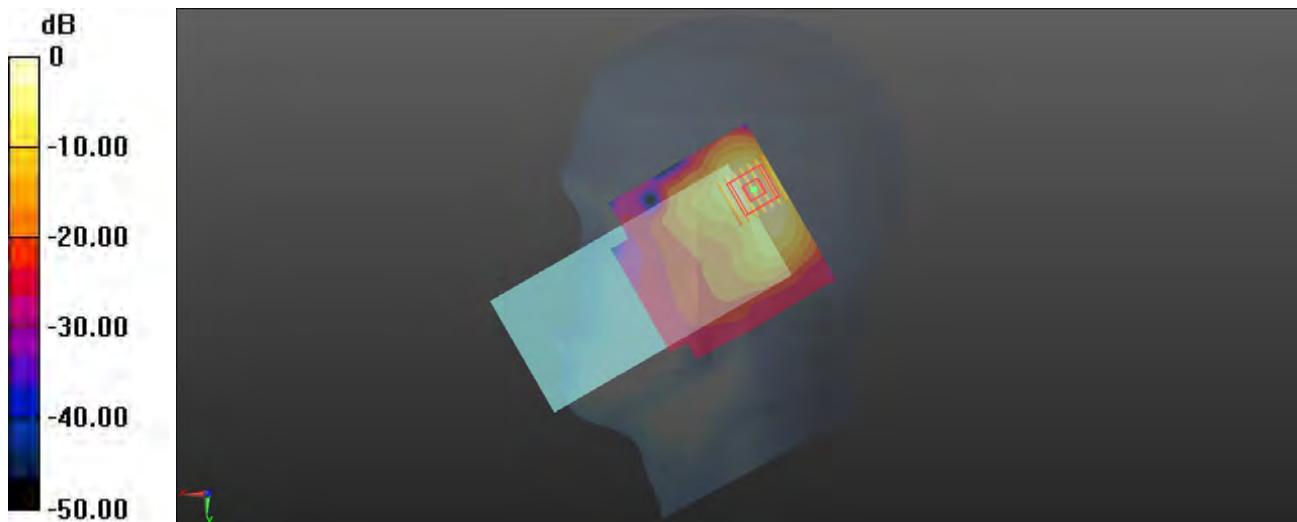
Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.824 W/kg; SAR(10 g) = 0.363 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 44.5%

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg

P18 N12_DFT-QPSK15M_Right Tilted_Ch141500_1RB_OS38_Ant4

Communication System: NR; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL750_0724 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 43.037$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(11.4, 11.4, 11.4) @ 707.5 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (71x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

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

Reference Value = 19.47 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.312 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 36.3%

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



0 dB = 1.04 W/kg

P19 N26_DFT-QPSK20M_Right Tilted_Ch167800_1RB_OS53_Ant4

Communication System: NR; Frequency: 839 MHz; Duty Cycle: 1:1

Medium: HSL835_0729 Medium parameters used: $f = 839$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 43.273$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.96, 10.96, 10.96) @ 839 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (71x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.921 W/kg

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

Reference Value = 21.59 V/m; Power Drift = 0.08 dB

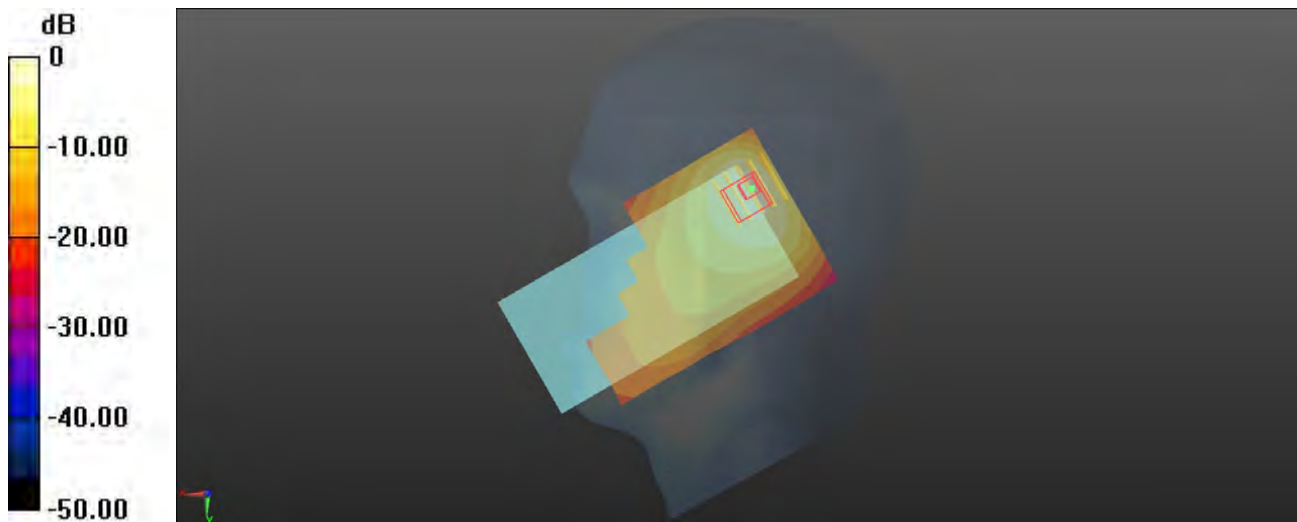
Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.337 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 42%

Maximum value of SAR (measured) = 0.958 W/kg



0 dB = 0.958 W/kg

P20 N38_DFT-QPSK40M_Right Tilted_Ch520000_50RB_OS28_Ant4

Communication System: NR; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL2550_0803 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 39.465$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1°C; Liquid Temperature : 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.01, 8.01, 8.01) @ 2600 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.973 W/kg

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

Reference Value = 8.864 V/m; Power Drift = 0.06 dB

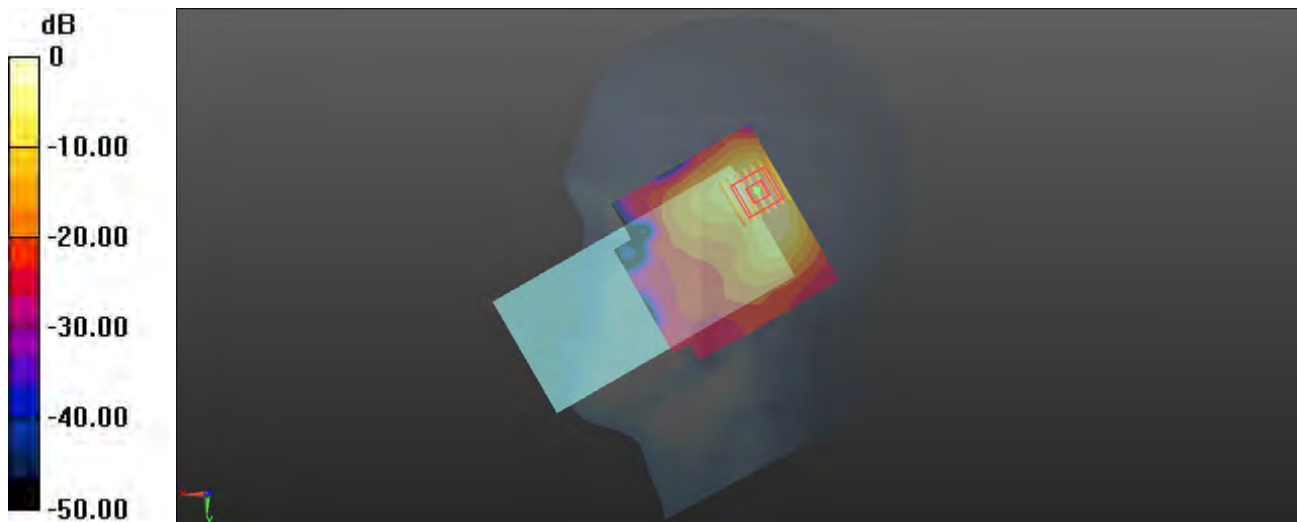
Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.791 W/kg; SAR(10 g) = 0.324 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 43.5%

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



0 dB = 1.05 W/kg

P21 N41_DFT-QPSK100M_Right Tilted_Ch518598_1RB_OS137_Ant4

Communication System: NR; Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: HSL2550_0804 Medium parameters used: $f = 2593$ MHz; $\sigma = 1.883$ S/m; $\epsilon_r = 39.483$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.01, 8.01, 8.01) @ 2592.99 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

- **Area Scan (91x91x1)**: Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

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

Reference Value = 11.43 V/m; Power Drift = 0.05 dB

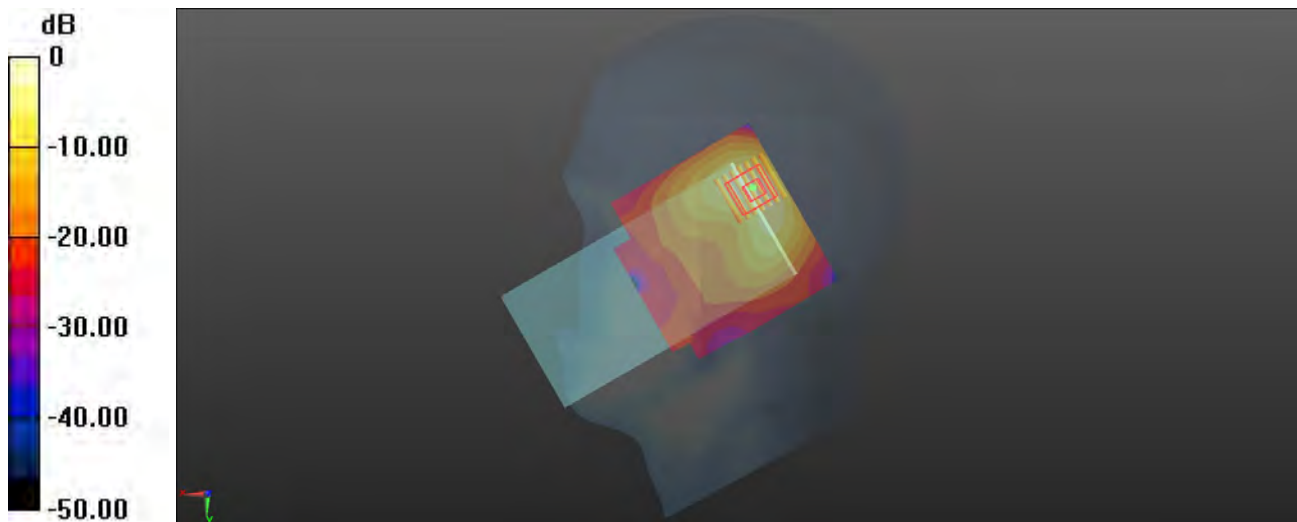
Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.377 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 44.3%

Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg

P22 N48_DFT-QPSK100M_Left Tilted_Ch640000_135RB_OS69_Ant5

Communication System: NR; Frequency: 3600 MHz; Duty Cycle: 1:1

Medium: HSL3700_0807 Medium parameters used: $f = 3600$ MHz; $\sigma = 2.888$ S/m; $\epsilon_r = 38.977$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(7.18, 7.18, 7.18) @ 3600 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

-Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.895 V/m; Power Drift = -0.07 dB

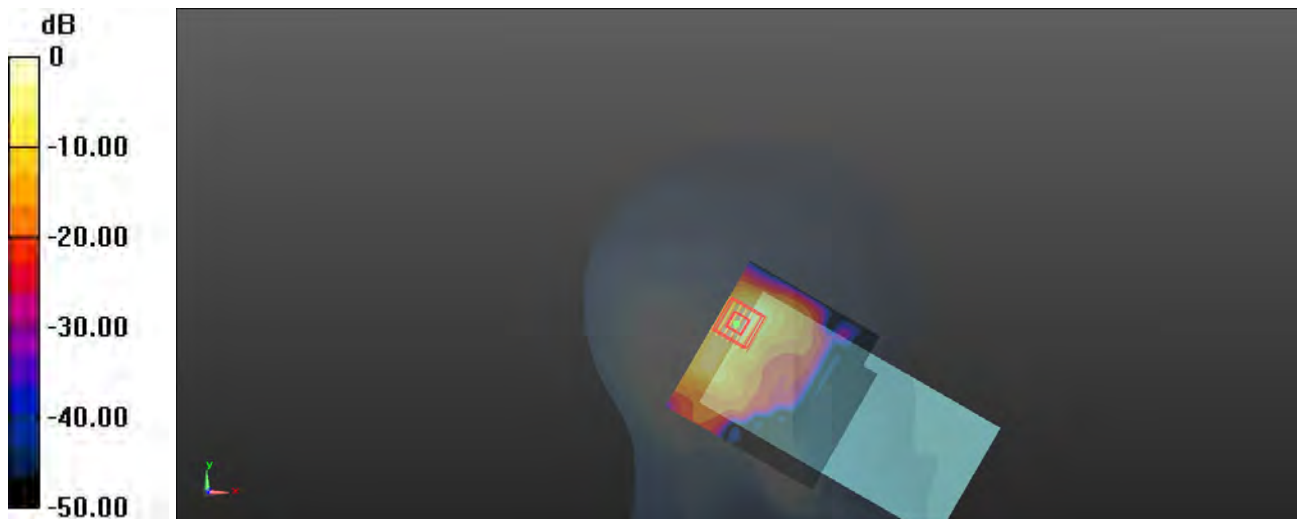
Peak SAR (extrapolated) = 2.50 W/kg

SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.281 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 63.8%

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



0 dB = 1.60 W/kg

P23 N66_DFT-QPSK40M_Right Tilted_Ch346000_108RB_OS54_Ant4

Communication System: NR; Frequency: 1730 MHz; Duty Cycle: 1:1

Medium: HSL1750_0730 Medium parameters used: $f = 1730$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.426$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(9.2, 9.2, 9.2) @ 1730 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (71x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.23 W/kg

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

Reference Value = 17.14 V/m; Power Drift = -0.08 dB

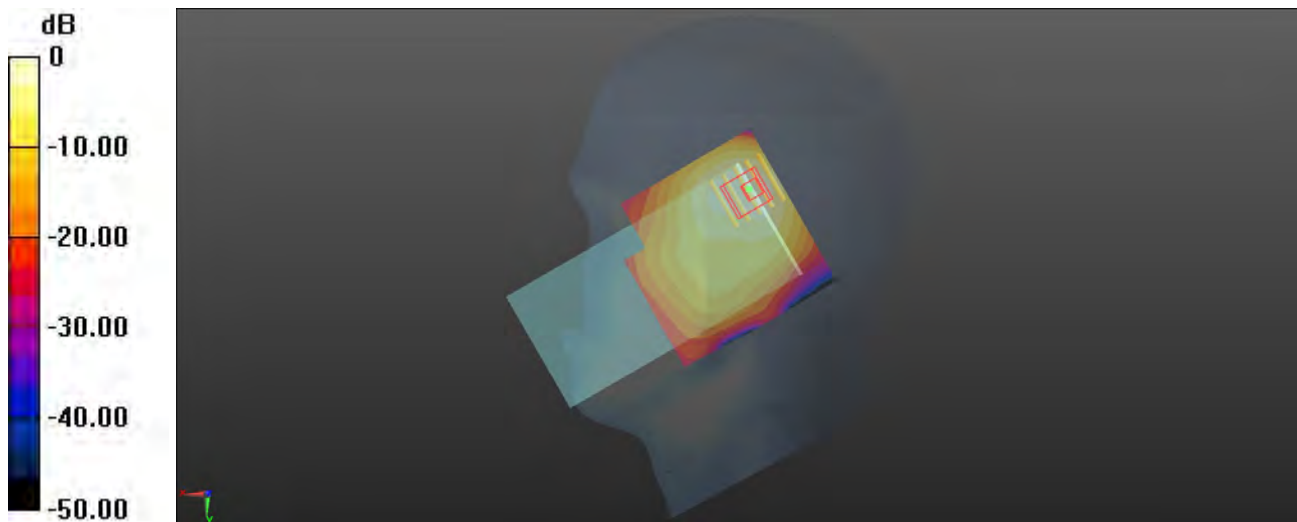
Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.819 W/kg; SAR(10 g) = 0.430 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.8%

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



0 dB = 1.04 W/kg

P24 N77_DFT-QPSK100M_Right Cheek_Ch650000_135RB_OS69_Ant3

Communication System: NR; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium: HSL3700_0809 Medium parameters used: $f = 3750$ MHz; $\sigma = 3.03$ S/m; $\epsilon_r = 38.713$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(7.18, 7.18, 7.18) @ 3750 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

-Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.065 V/m; Power Drift = -0.09dB

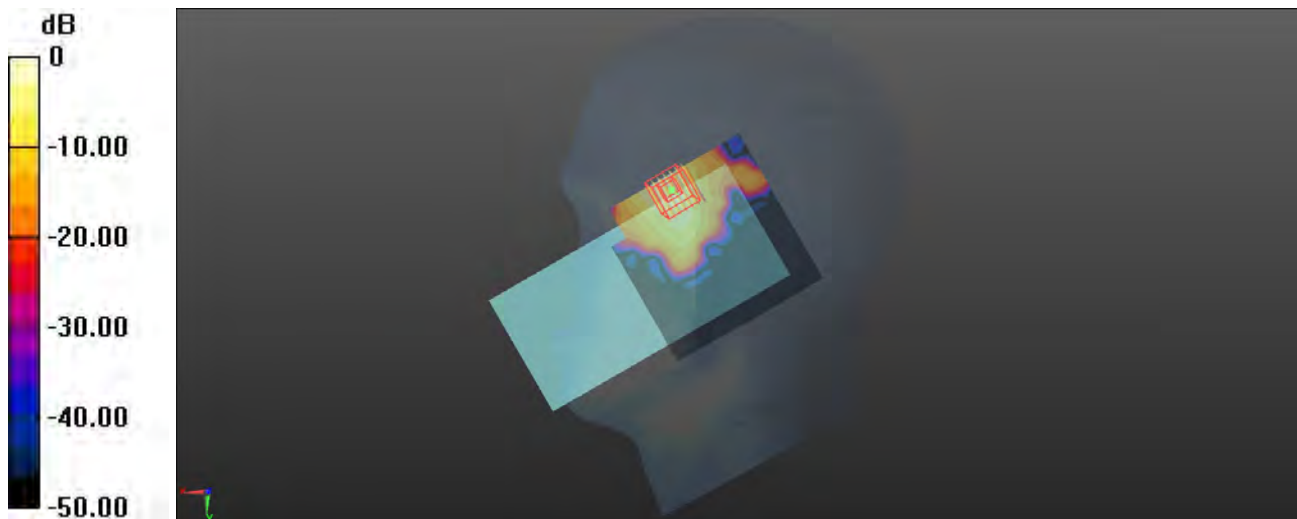
Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.343 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 67.8%

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg

P25 WLAN2.4G_802.11b_Left Cheek_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL2450_0801 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.853$ S/m; $\epsilon_r = 38.98$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.2, 8.2, 8.2) @ 2437 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (91x91x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.321 W/kg

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

Reference Value = 9.638 V/m; Power Drift = -0.04 dB

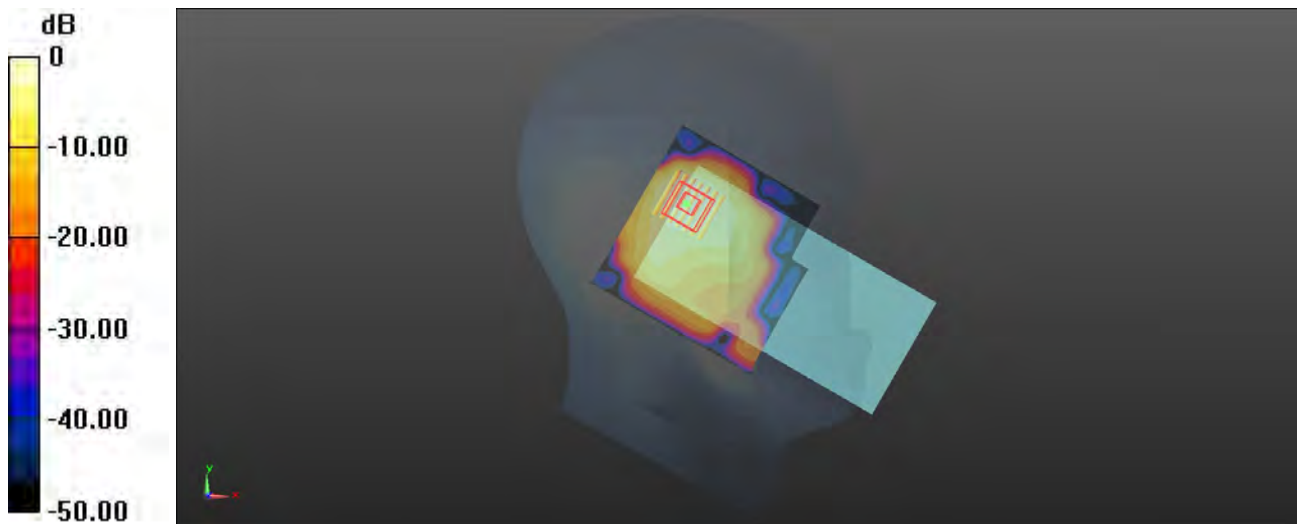
Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.119 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51.6%

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



0 dB = 0.297 W/kg

P26 WLAN5G_802.11n-HT20_Left Cheek_Ch60

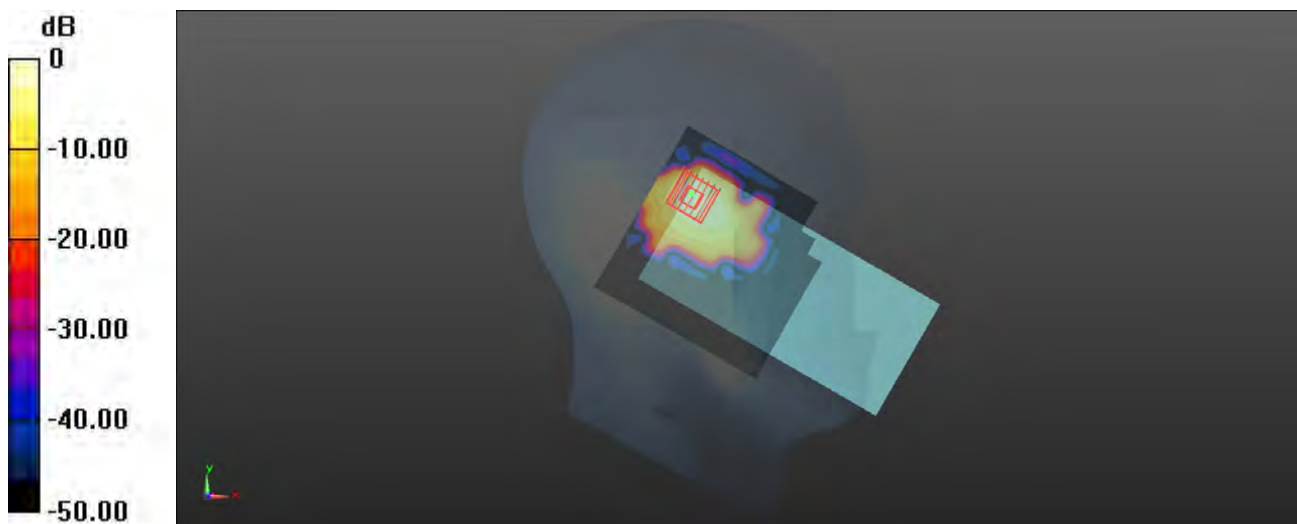
Communication System: 802.11n-HT20; Frequency: 5300 MHz; Duty Cycle: 1:1.028
Medium: HSL5G_0812 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.696$ S/m; $\epsilon_r = 36.22$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(5.75, 5.75, 5.75) @ 5300 MHz; Calibrated: 2024/3/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2024/3/6
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:1611
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

-Area Scan (111x111x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.572 W/kg

-Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 4.109 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.083 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 55.2%
Maximum value of SAR (measured) = 0.557 W/kg



0 dB = 0.557 W/kg