

System Check_2450MHz

DUT: D2450V2-SN:924

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL_2450_220412 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.809$ S/m; $\epsilon_r = 37.604$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(4.65, 4.65, 4.65); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 17.7 W/kg

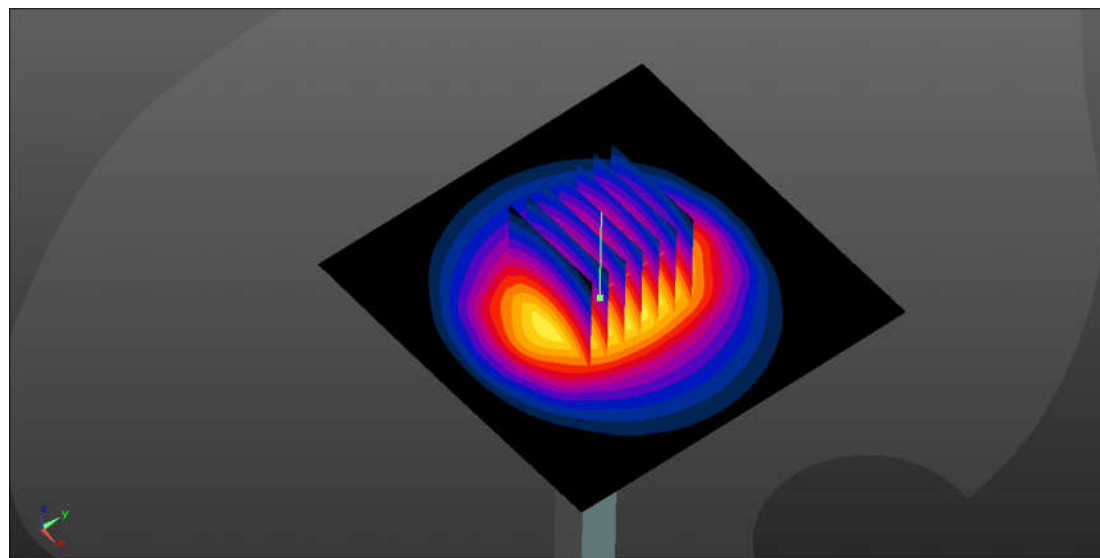
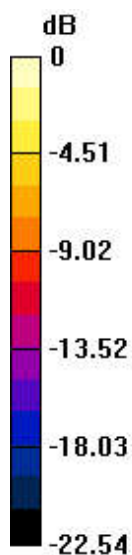
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 101.7 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 26.6 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.01 W/kg

Maximum value of SAR (measured) = 17.3 W/kg



0 dB = 17.3 W/kg

System Check_2600MHz

DUT: D2600V2-SN:1070

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL_2600_220412 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.056$ S/m; $\epsilon_r = 37.587$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(4.48, 4.48, 4.48); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 25.8 W/kg

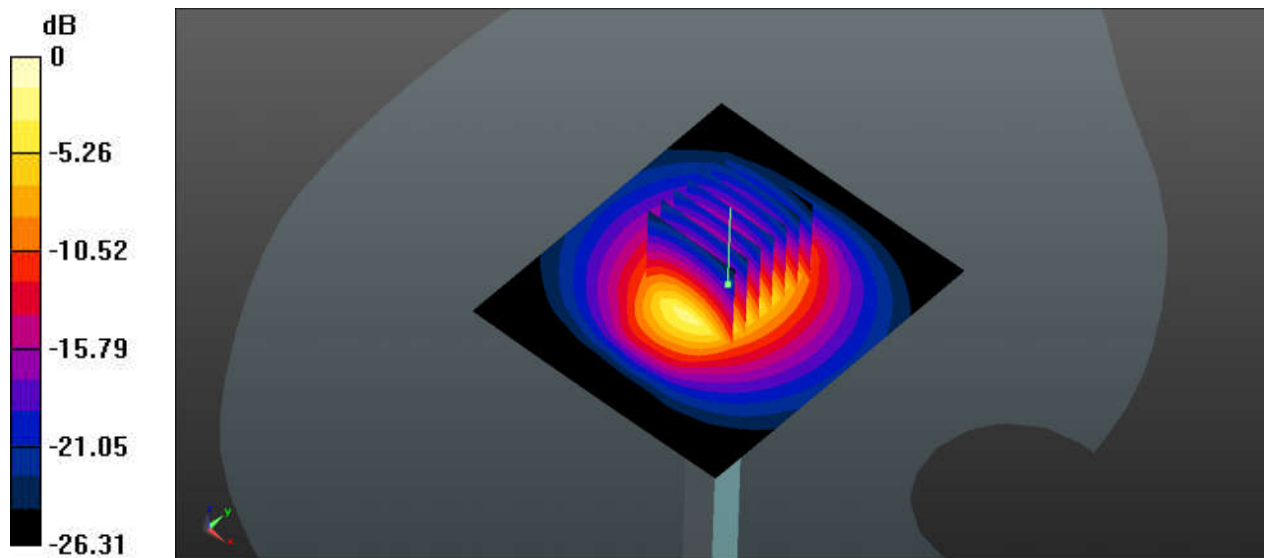
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 116.7 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 33.0 W/kg

SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.1 W/kg

Maximum value of SAR (measured) = 25.1 W/kg



0 dB = 25.1 W/kg

System Check_2600MHz

DUT: D2600V2-SN:1070

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL_2600_220413 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.053$ S/m; $\epsilon_r = 37.984$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(4.48, 4.48, 4.48); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 21.2 W/kg

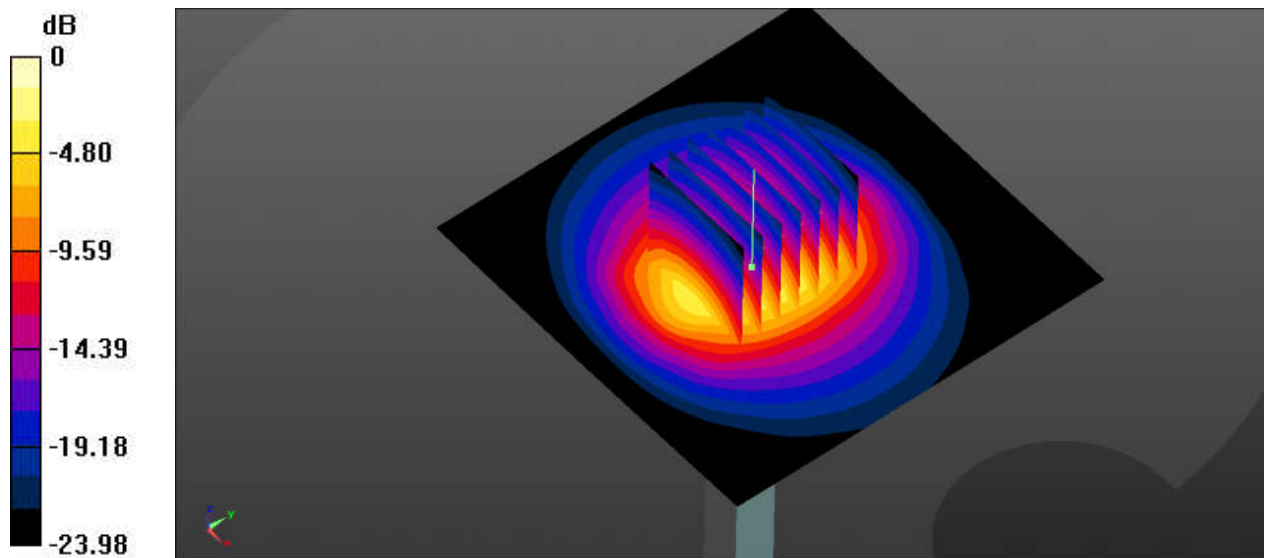
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 101.6 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 32.3 W/kg

SAR(1 g) = 15.3 W/kg; SAR(10 g) = 6.65 W/kg

Maximum value of SAR (measured) = 20.5 W/kg



0 dB = 20.5 W/kg

System Check_2600MHz

DUT: D2600V2-SN:1070

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL_2600_220421 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 37.665$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(4.48, 4.48, 4.48); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 25.8 W/kg

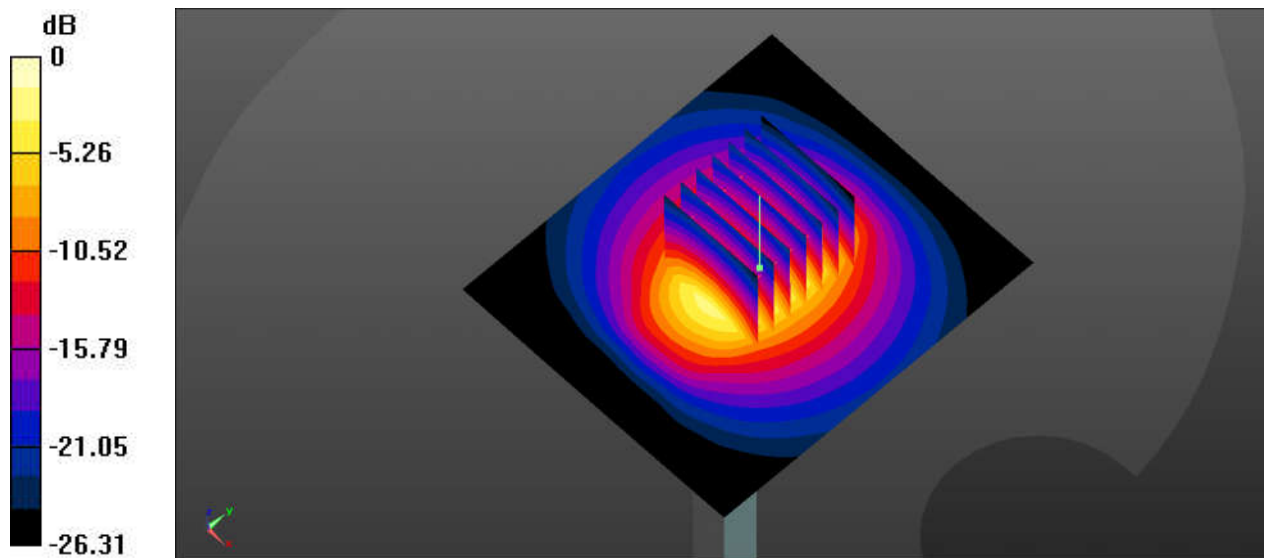
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 116.7 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 33.0 W/kg

SAR(1 g) = 15.1 W/kg; SAR(10 g) = 6.56 W/kg

Maximum value of SAR (measured) = 25.4 W/kg



0 dB = 25.4 W/kg

System Check_3500MHz

DUT: D3500V2-SN:1037

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Medium: HSL_3500_220413 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.813$ S/m; $\epsilon_r = 39.758$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.77, 6.77, 6.77); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 14.4 W/kg

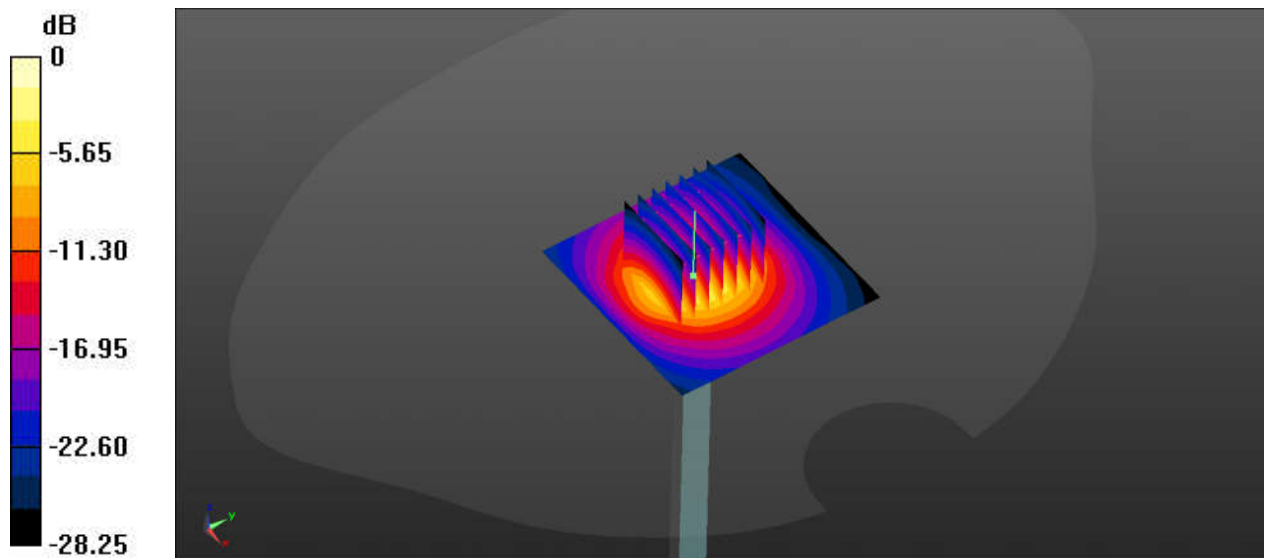
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=1.4$ mm

Reference Value = 69.40 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 19.1 W/kg

SAR(1 g) = 7.41 W/kg; SAR(10 g) = 2.75 W/kg

Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg

System Check_3500MHz

DUT: D3500V2-SN:1037

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Medium: HSL_3500_220414 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.891$ S/m; $\epsilon_r = 36.653$;
 $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.77, 6.77, 6.77); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 12.7 W/kg

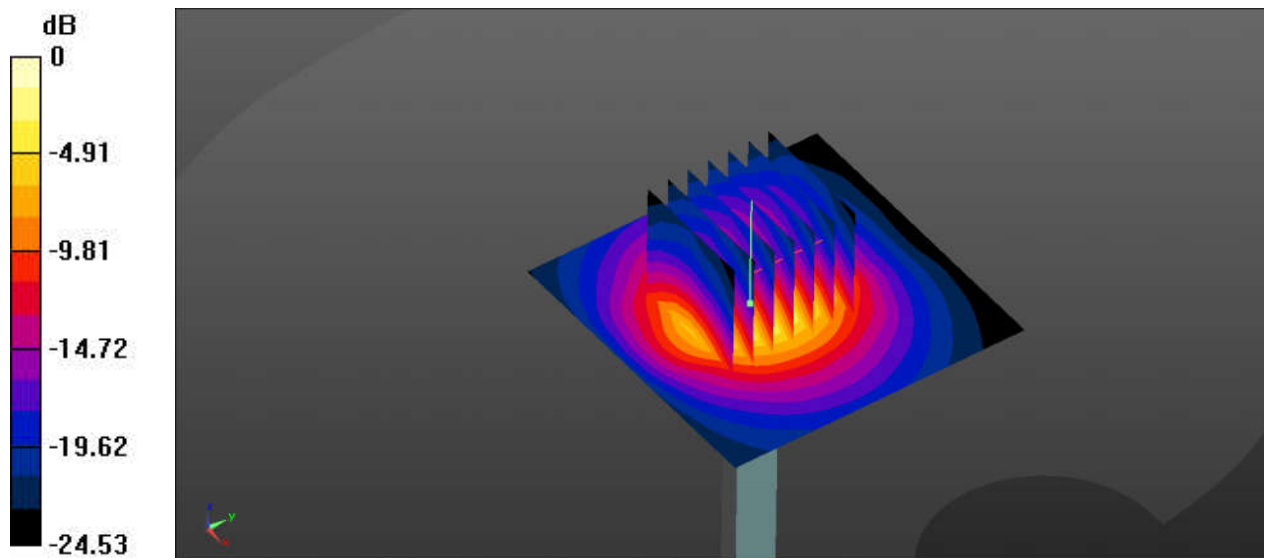
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 64.77 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 6.36 W/kg; SAR(10 g) = 2.46 W/kg

Maximum value of SAR (measured) = 12.4 W/kg



0 dB = 12.4 W/kg

System Check_3700MHz

DUT: D3700V2-SN:1008

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1

Medium: HSL_3700_220414 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.01$ S/m; $\epsilon_r = 36.788$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.74, 6.74, 6.74); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 15.1 W/kg

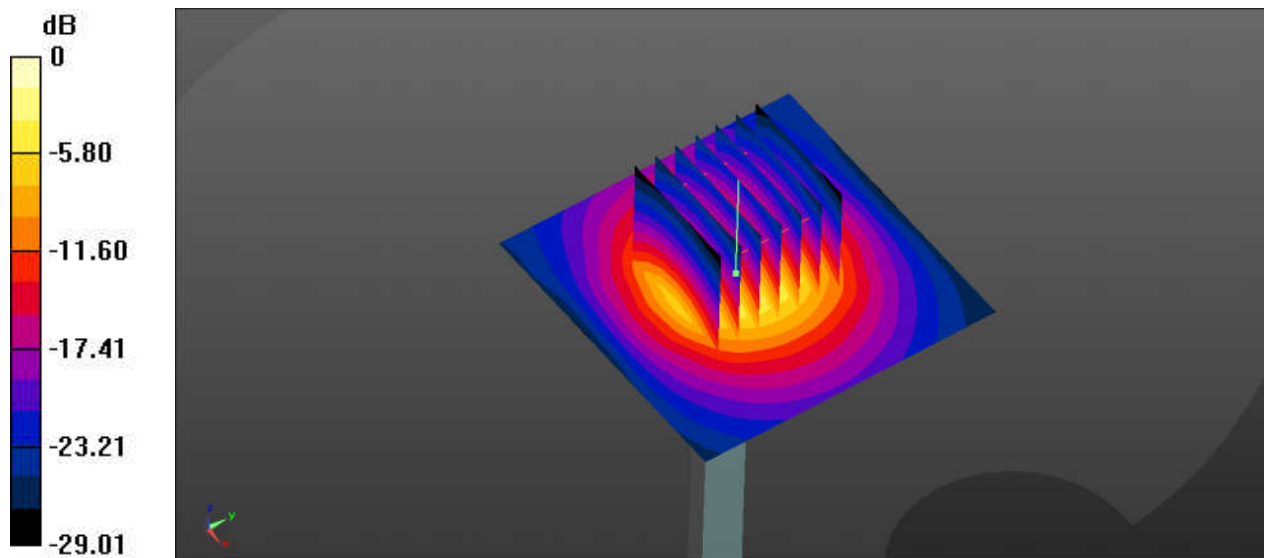
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 74.26 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 20.7 W/kg

SAR(1 g) = 7.33 W/kg; SAR(10 g) = 2.35 W/kg

Maximum value of SAR (measured) = 15.2 W/kg



0 dB = 15.2 W/kg

System Check_3700MHz

DUT: D3700V2-SN:1008

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1

Medium: HSL_3700_220415 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.139$ S/m; $\epsilon_r = 38.76$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.74, 6.74, 6.74); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 13.0 W/kg

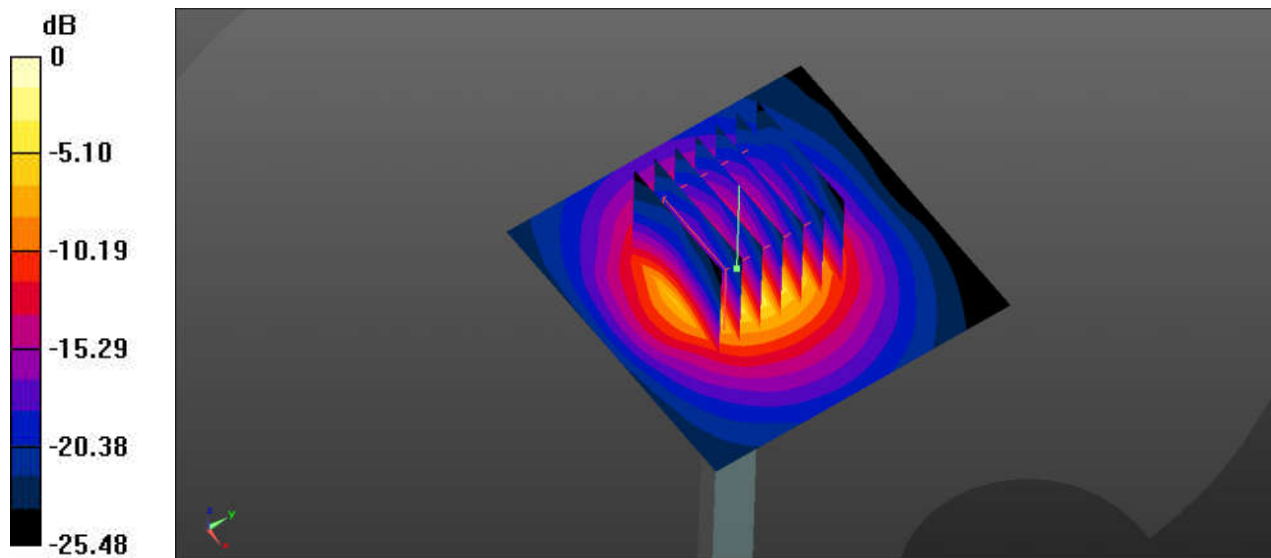
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 65.75 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 6.65 W/kg; SAR(10 g) = 2.47 W/kg

Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 12.9 W/kg

System Check_3900MHz

DUT: D3900V2-SN:1048

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1

Medium: HSL_3900_220415 Medium parameters used: $f = 3900$ MHz; $\sigma = 3.196$ S/m; $\epsilon_r = 36.353$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.48, 6.48, 6.48); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 15.1 W/kg

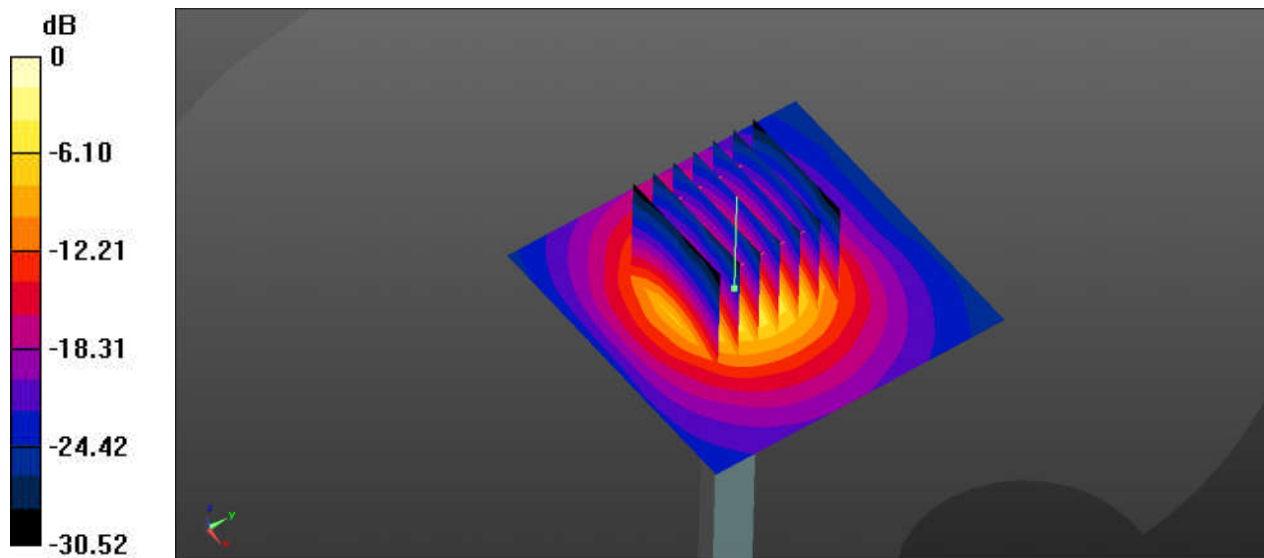
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 69.33 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 21.2 W/kg

SAR(1 g) = 7.61 W/kg; SAR(10 g) = 2.65 W/kg

Maximum value of SAR (measured) = 15.4 W/kg



0 dB = 15.4 W/kg

System Check_3900MHz

DUT: D3900V2-SN:1048

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1

Medium: HSL_3900_220416 Medium parameters used: $f = 3900$ MHz; $\sigma = 3.312$ S/m; $\epsilon_r = 38.56$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.48, 6.48, 6.48); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 12.5 W/kg

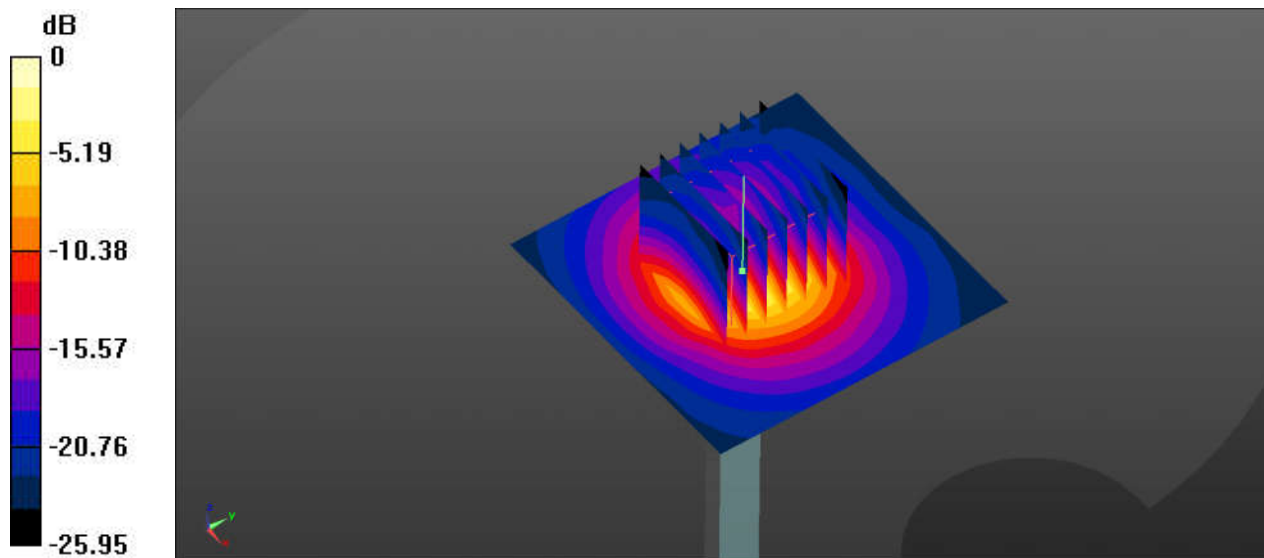
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 66.97 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 17.4 W/kg

SAR(1 g) = 6.67 W/kg; SAR(10 g) = 2.27 W/kg

Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 12.6 W/kg

System Check_5250MHz

DUT: D5GHzV2-SN:1113

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: HSL_5250_220416 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.597$ S/m; $\epsilon_r = 36.241$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.02, 5.02, 5.02); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.46 W/kg

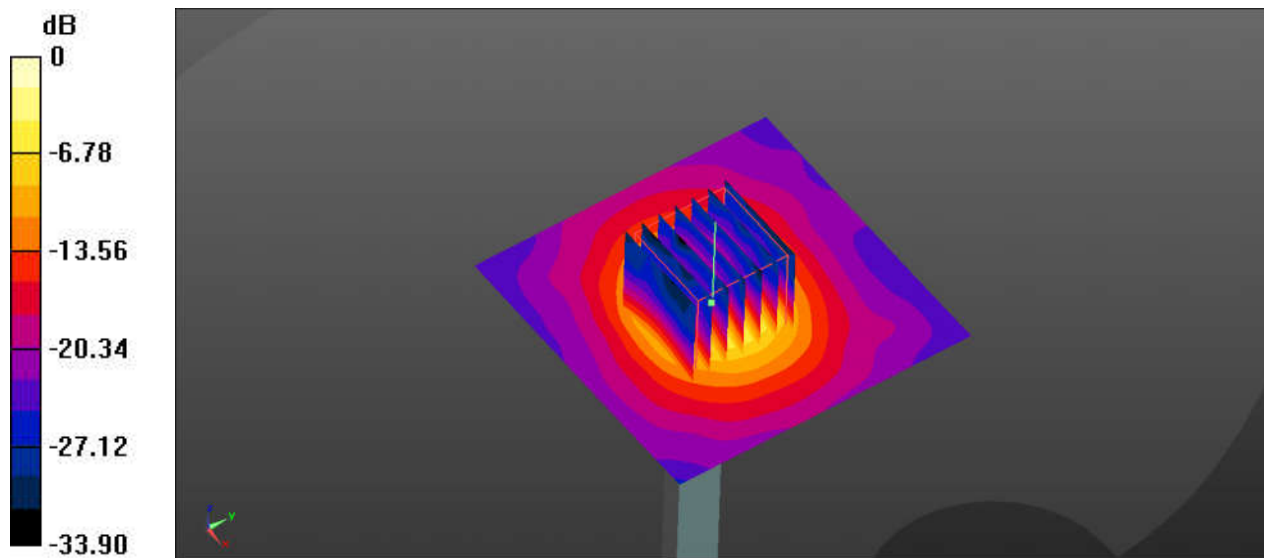
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 34.57 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 7.56 W/kg

SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.19 W/kg

Maximum value of SAR (measured) = 4.59 W/kg



0 dB = 4.59 W/kg

System Check_5250MHz

DUT: D5GHzV2-SN:1113

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: HSL_5250_220417 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.853$ S/m; $\epsilon_r = 35.417$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.02, 5.02, 5.02); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.8 W/kg

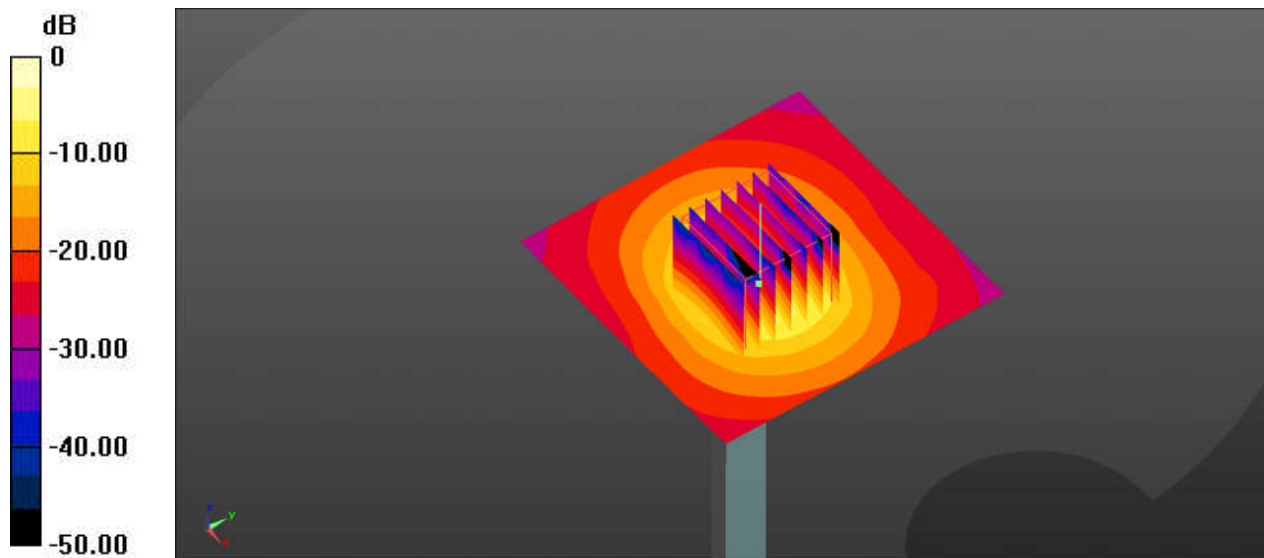
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.29 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 28.1 W/kg

SAR(1 g) = 7.52 W/kg; SAR(10 g) = 2.35 W/kg

Maximum value of SAR (measured) = 17.4 W/kg



0 dB = 17.4 W/kg

System Check_5600MHz

DUT: D5GHzV2-SN:1113

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: HSL_5600_220417 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.954$ S/m; $\epsilon_r = 35.793$;
 $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.51, 4.51, 4.51); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 5.59 W/kg

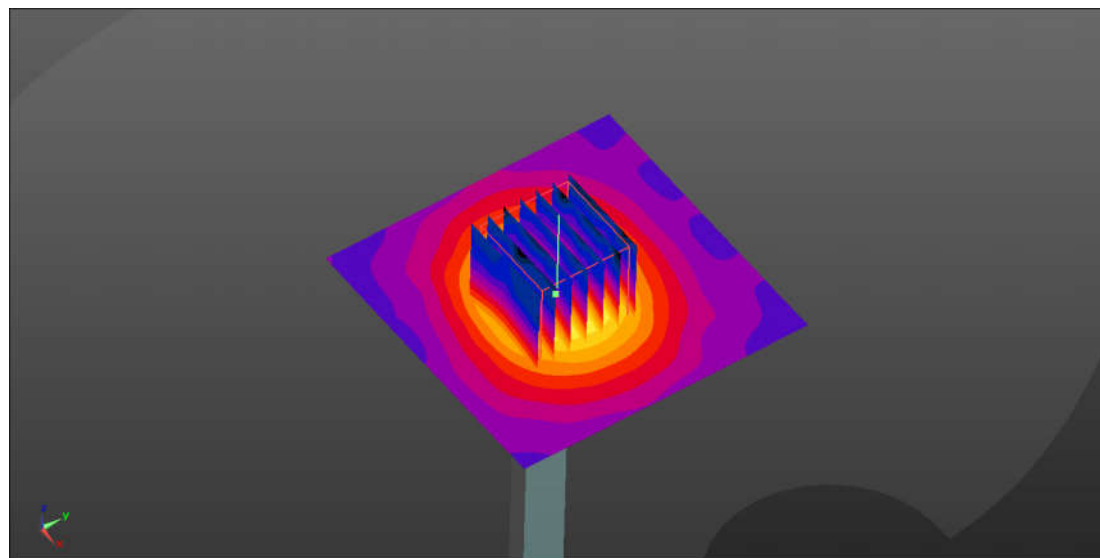
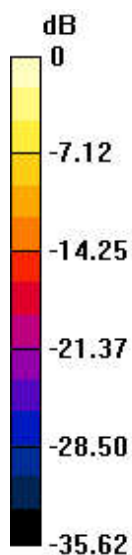
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 36.81 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 9.86 W/kg

SAR(1 g) = 7.95 W/kg; SAR(10 g) = 2.33 W/kg

Maximum value of SAR (measured) = 5.71 W/kg



0 dB = 5.71 W/kg

System Check_5600MHz

DUT: D5GHzV2-SN:1113

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: HSL_5600_220418 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.233$ S/m; $\epsilon_r = 34.724$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.51, 4.51, 4.51); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.3 W/kg

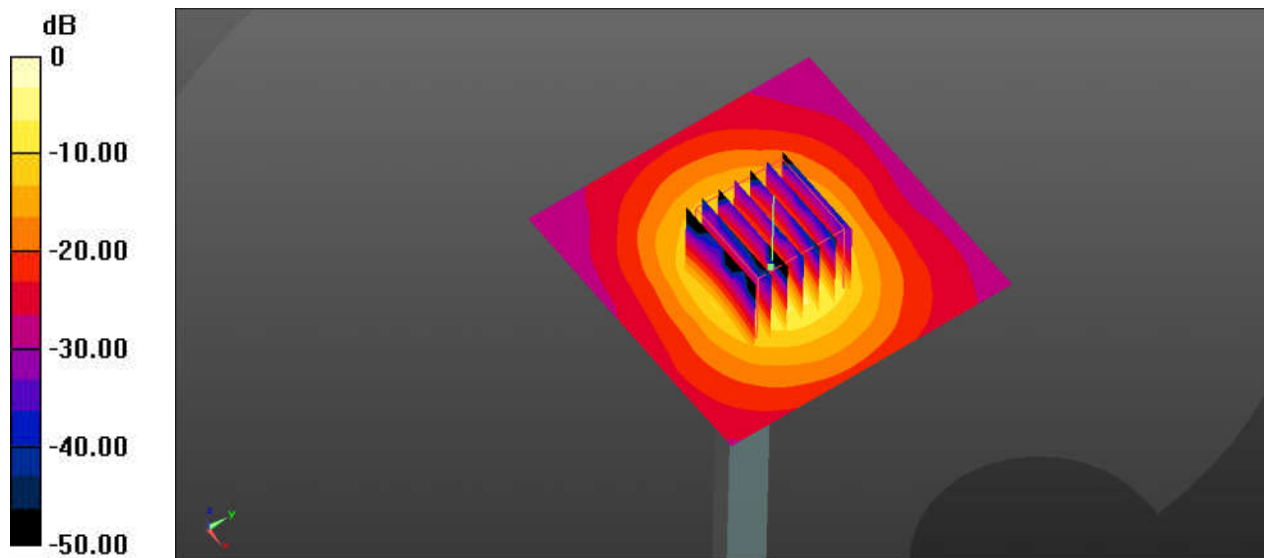
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 51.56 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 34.4 W/kg

SAR(1 g) = 8.12 W/kg; SAR(10 g) = 2.19 W/kg

Maximum value of SAR (measured) = 20.6 W/kg



System Check_5750MHz

DUT: D5GHzV2-SN:1113

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL_5750_220418 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.119$ S/m; $\epsilon_r = 35.497$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.62, 4.62, 4.62); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 5.26 W/kg

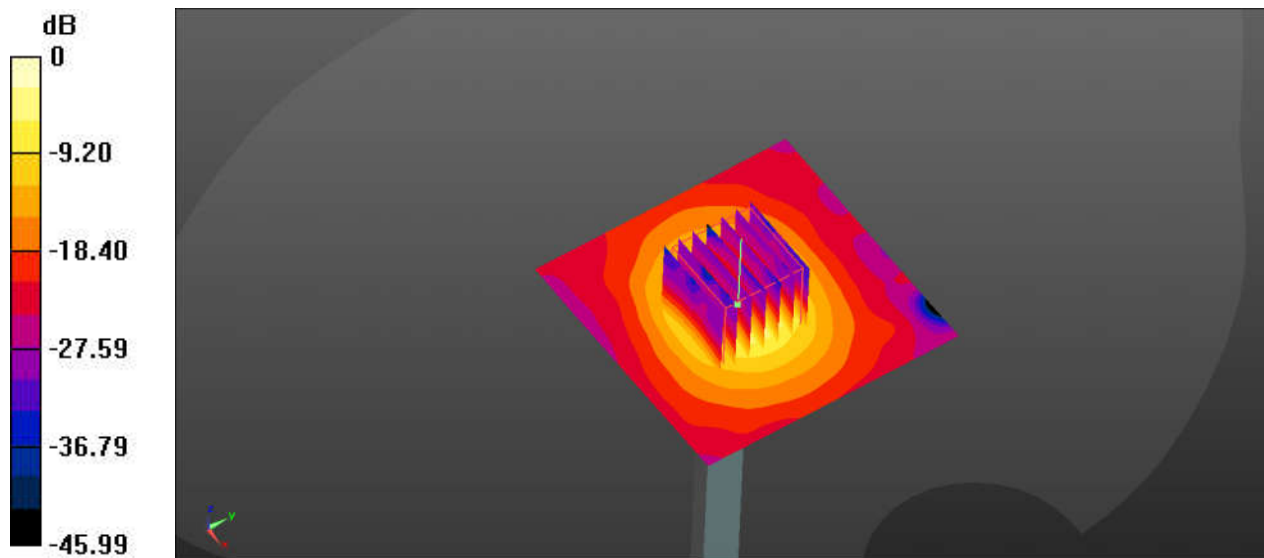
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 36.16 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 9.92 W/kg

SAR(1 g) = 7.36 W/kg; SAR(10 g) = 2.33 W/kg

Maximum value of SAR (measured) = 5.63 W/kg



0 dB = 5.63 W/kg

System Check_5750MHz

DUT: D5GHzV2-SN:1113

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL_5750_220419 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.389$ S/m; $\epsilon_r = 34.46$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.62, 4.62, 4.62); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 23.2 W/kg

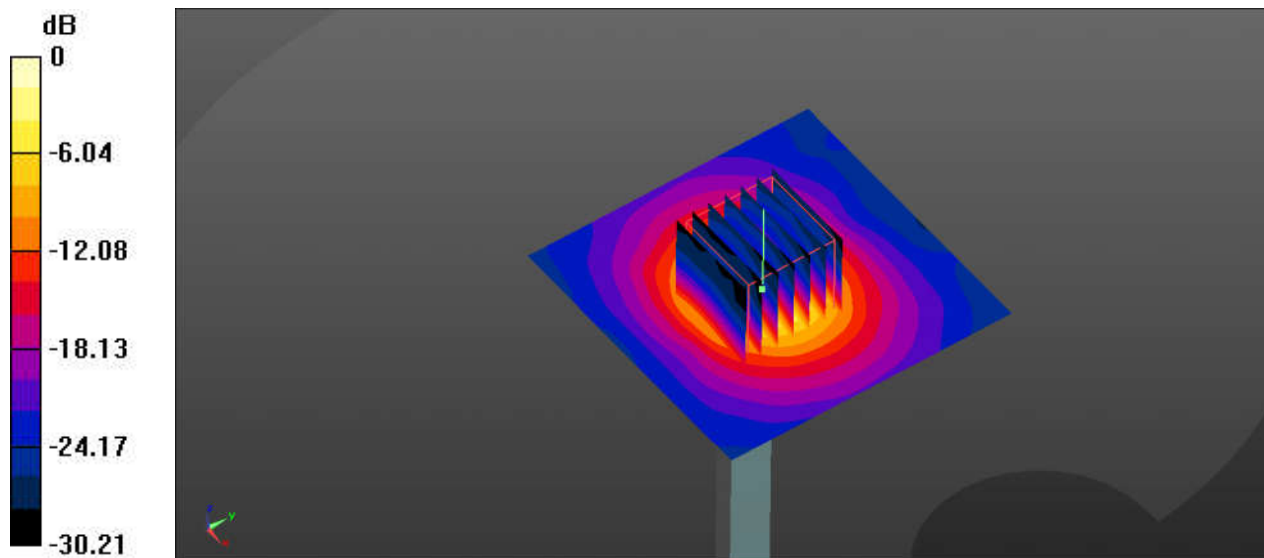
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 56.18 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 40.3 W/kg

SAR(1 g) = 8.53 W/kg; SAR(10 g) = 2.42 W/kg

Maximum value of SAR (measured) = 23.7 W/kg



0 dB = 23.7 W/kg



Appendix B. Plots of High SAR Measurement

The plots are shown as follows.

01_LTE Band 12_10M_QPSK_25RB_0Offset_Left Cheek_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: HSL_750_220324 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 41.795$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(6.45, 6.45, 6.45); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23095/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.629 W/kg

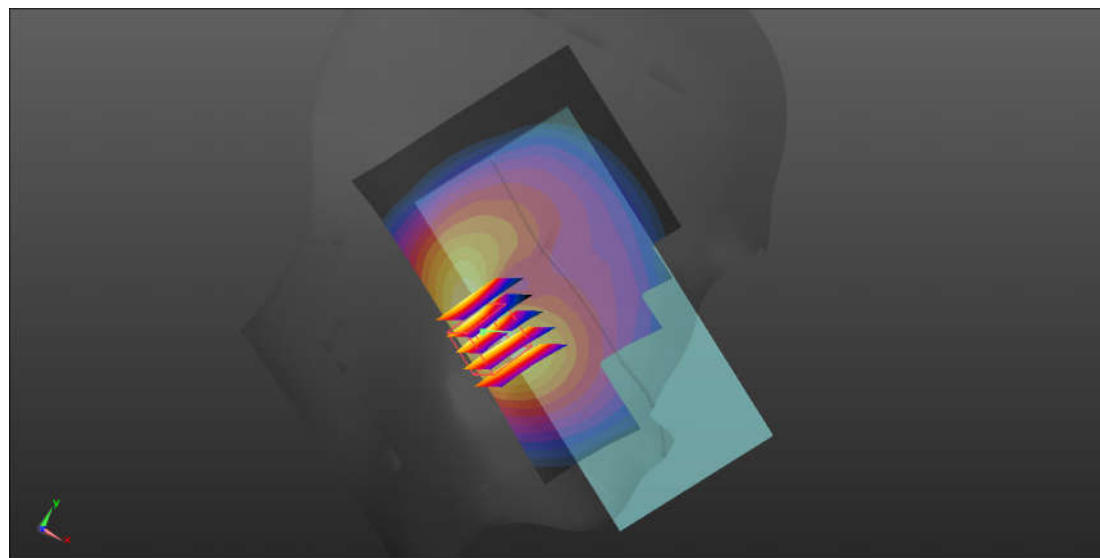
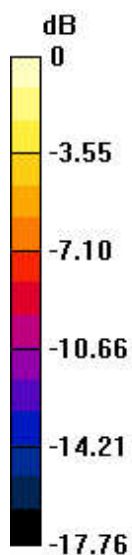
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.264 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.258 W/kg

Maximum value of SAR (measured) = 0.654 W/kg



0 dB = 0.654 W/kg

02_LTE Band 13_10M_QPSK_25RB_0Offset_Left Cheek_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_220324 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.906 \text{ S/m}$; $\epsilon_r = 40.139$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(6.45, 6.45, 6.45); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23230/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

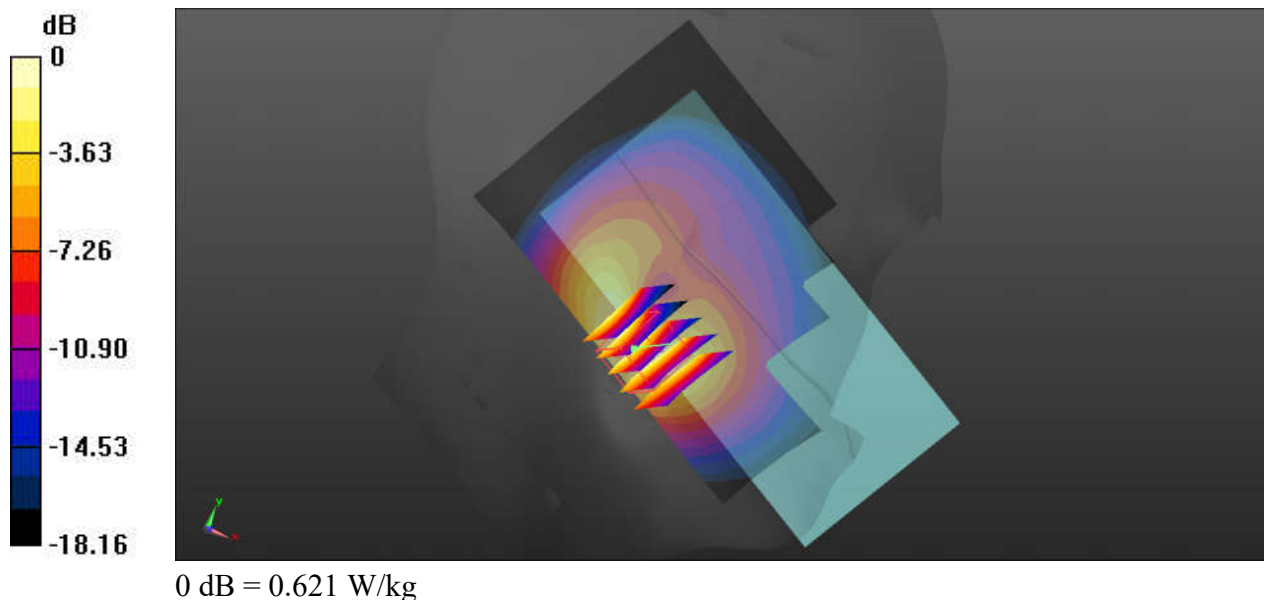
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.230 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.253 W/kg

Maximum value of SAR (measured) = 0.621 W/kg



03_LTE Band 17_10M_QPSK_25RB_0Offset_Left Cheek_Ch23790

Communication System: UID 0, LTE (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium: HSL_750_220324 Medium parameters used: $f = 710$ MHz; $\sigma = 0.867$ S/m; $\epsilon_r = 41.773$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(6.45, 6.45, 6.45); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23790/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.645 W/kg

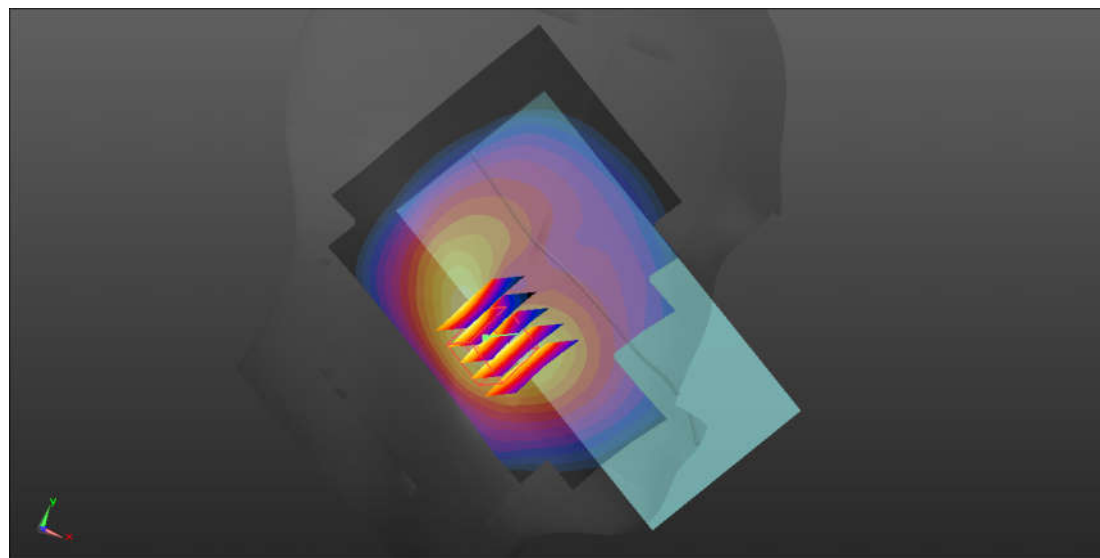
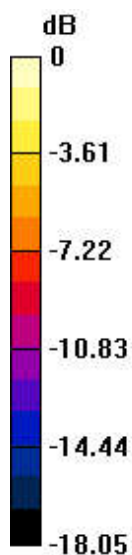
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.859 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.660 W/kg



0 dB = 0.660 W/kg

04_GSM850_GPRS(1 Tx slots)_Left Cheek_Ch189

Communication System: UID 0, Generic GSM (0); Frequency: 836.4 MHz; Duty Cycle: 1:8.3
Medium: HSL_835_220326 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 40.702$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch189/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

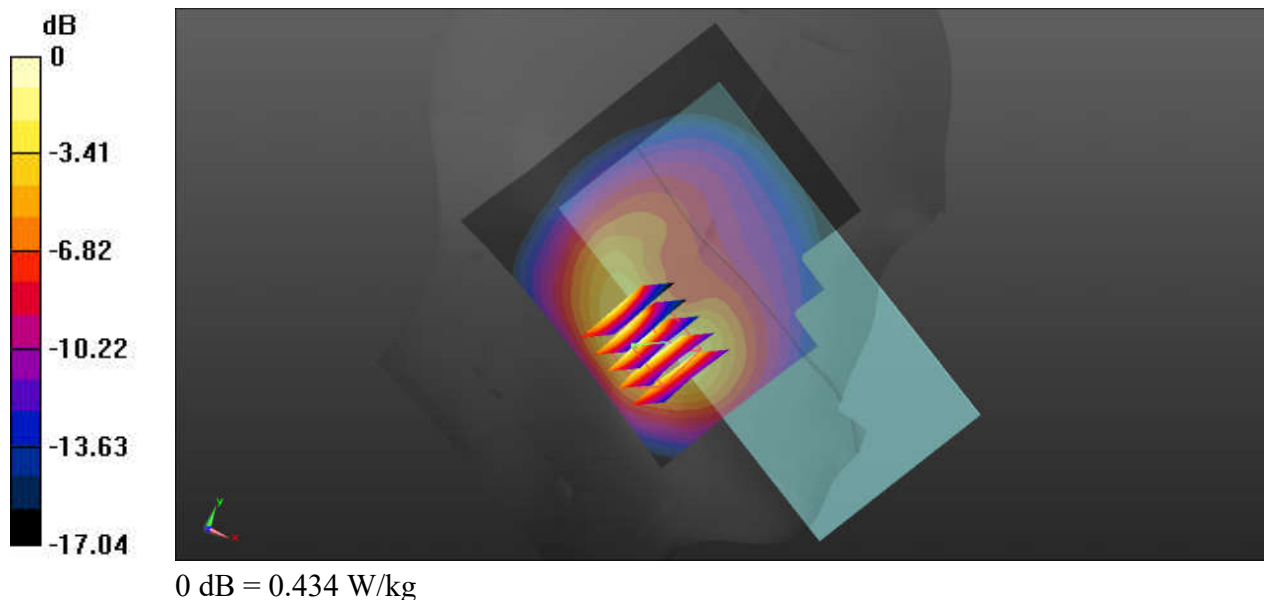
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.934 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.179 W/kg

Maximum value of SAR (measured) = 0.434 W/kg



05_CDMA BC0_RC3 SO55_Left Cheek_Ch384

Communication System: UID 0, CDMA2000 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium: HSL_835_220326 Medium parameters used: $f = 837$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 40.694$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch384/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.705 W/kg

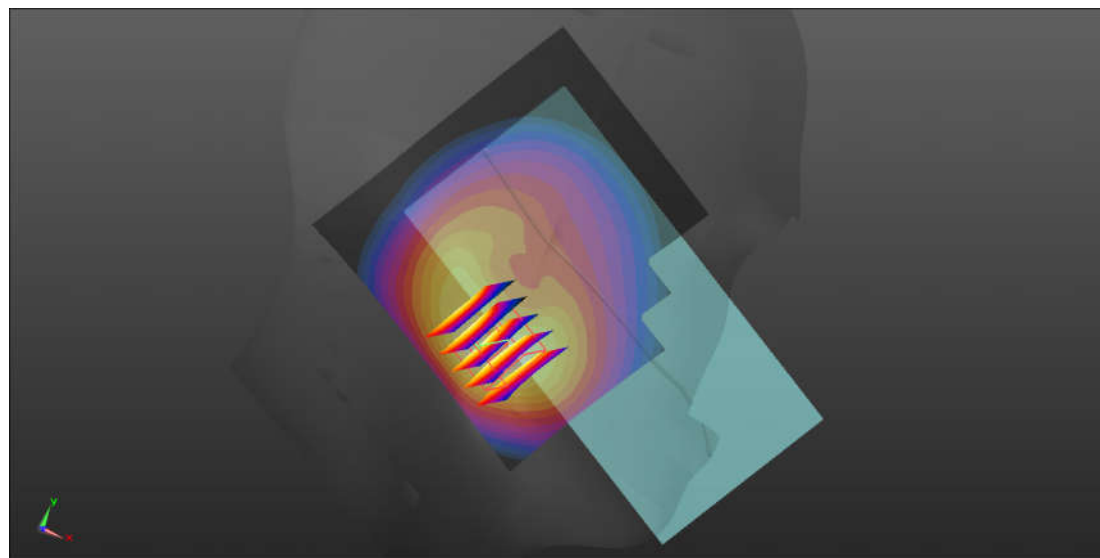
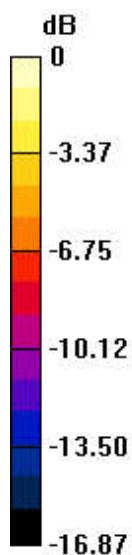
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.175 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (measured) = 0.757 W/kg



0 dB = 0.757 W/kg

06_WCDMA V_RMC 12.2Kbps_Left Cheek_Ch4182

Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_835_220326 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 40.702$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch4182/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.376 W/kg

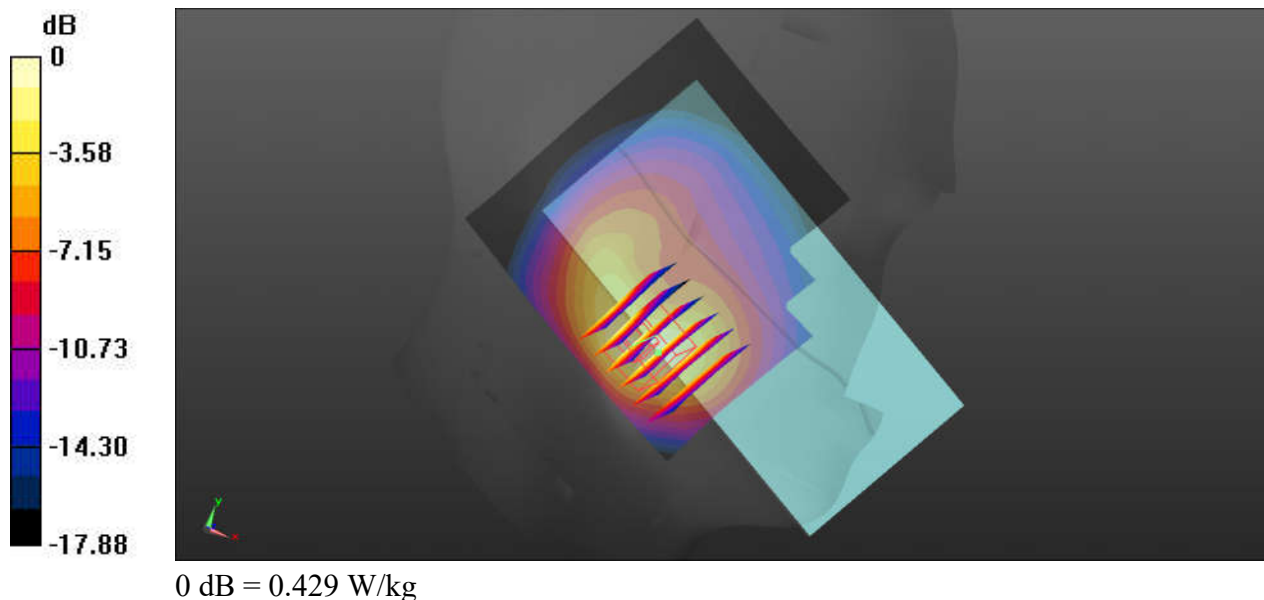
Ch4182/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.974 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.750 W/kg

SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.186 W/kg

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



07_LTE Band 5_10M_QPSK_25RB_0Offset_Left Cheek_Ch20525

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

Medium: HSL_835_220326 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 40.701$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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

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

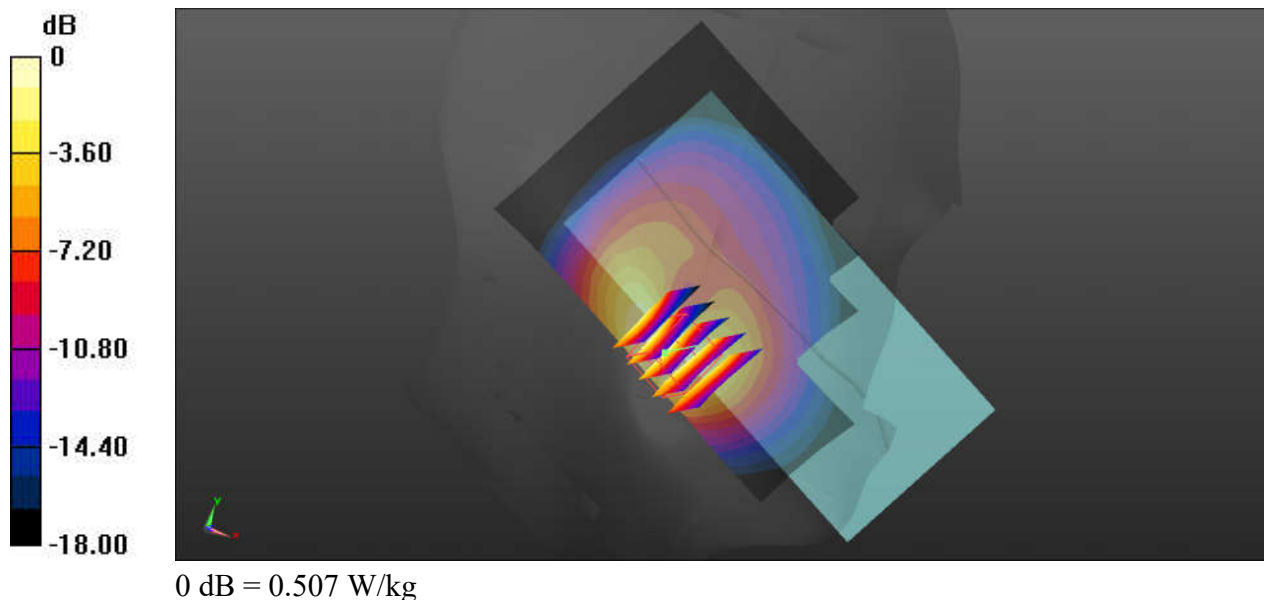
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.644 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.810 W/kg

SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.206 W/kg

Maximum value of SAR (measured) = 0.507 W/kg



08_LTE Band 18_15M_QPSK_36RB_0Offset_Left Cheek_Ch23925

Communication System: UID 0, LTE (0); Frequency: 822.5 MHz; Duty Cycle: 1:1
Medium: HSL_835_220326 Medium parameters used: $f = 822.5$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 40.882$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23925/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

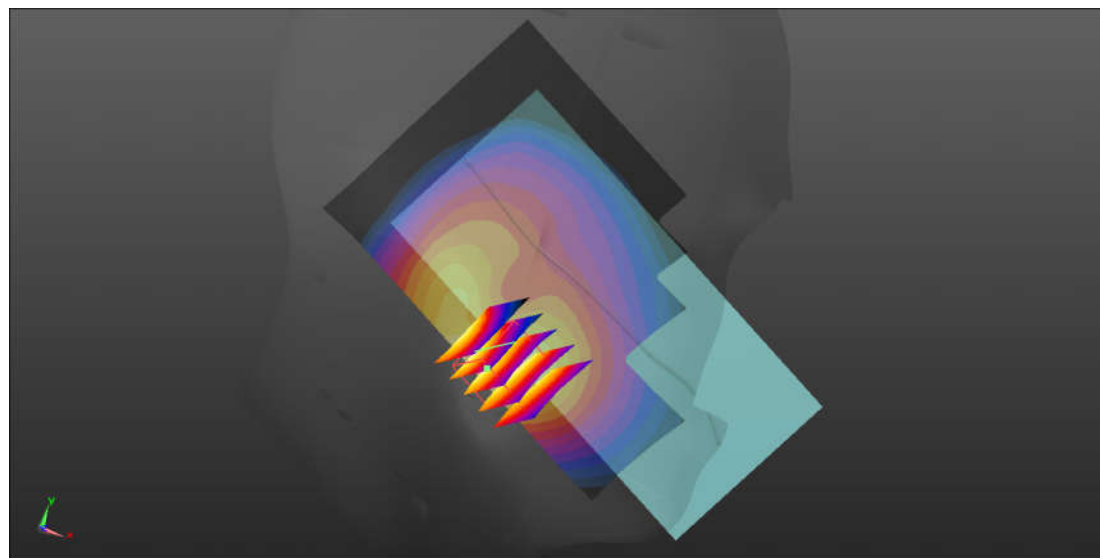
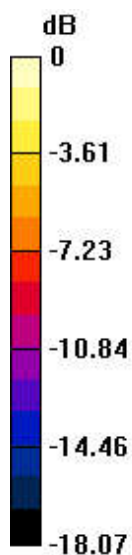
Ch23925/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.929 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 0.659 W/kg



0 dB = 0.659 W/kg

09_LTE Band 19_15M_QPSK_36RB_0Offset_Left Cheek_Ch24075

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

Medium: HSL_835_220326 Medium parameters used: $f = 837.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 40.687$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch24075/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.604 W/kg

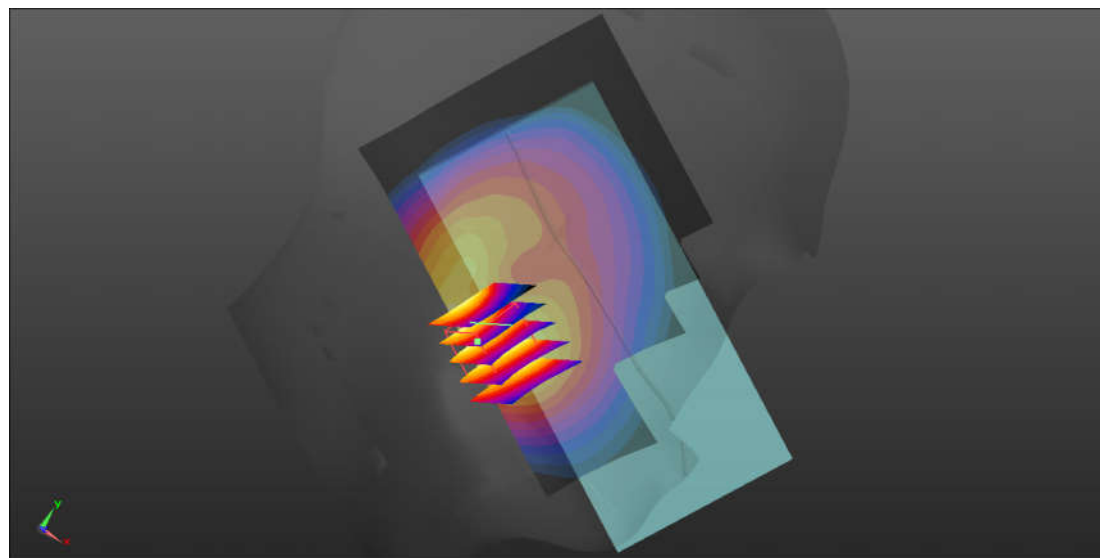
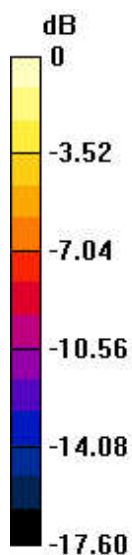
Ch24075/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.964 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.320 W/kg

Maximum value of SAR (measured) = 0.722 W/kg



0 dB = 0.722 W/kg

10_LTE Band 26_15M_QPSK_36RB_0Offset_Left Cheek_Ch26865

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

Medium: HSL_835_220326 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 40.764$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch26865/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

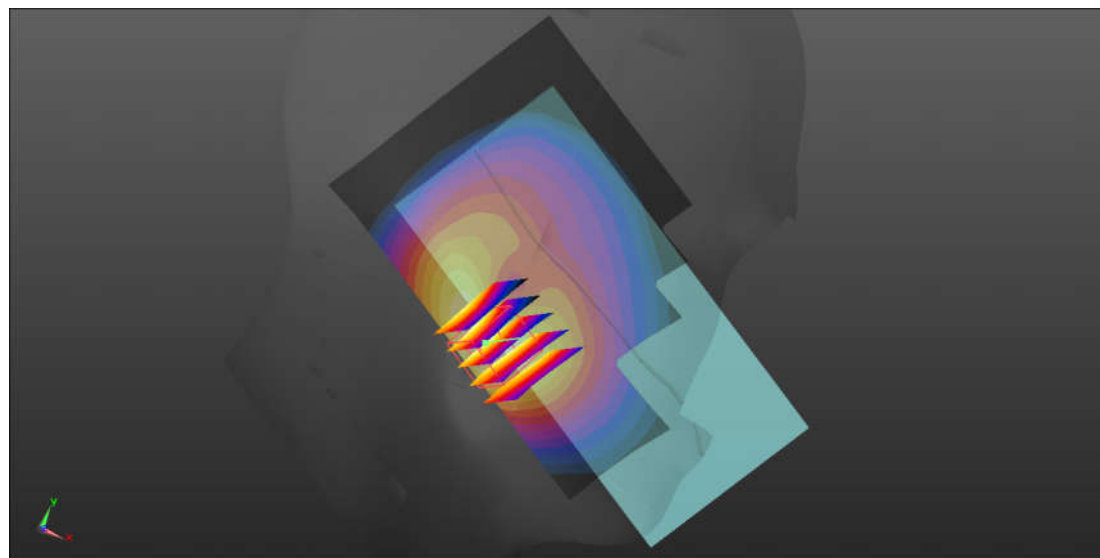
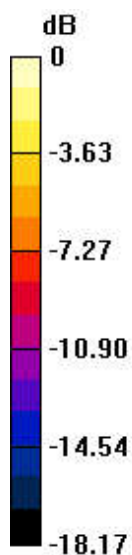
Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.798 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.614 W/kg

SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.384 W/kg



0 dB = 0.384 W/kg

11_FR1 n5_20M_BPSK_50RB_28Offset_DFT-15_Left Cheek_Ch167300

Communication System: UID 0, N5 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_220326 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 40.701$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch167300/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.462 W/kg

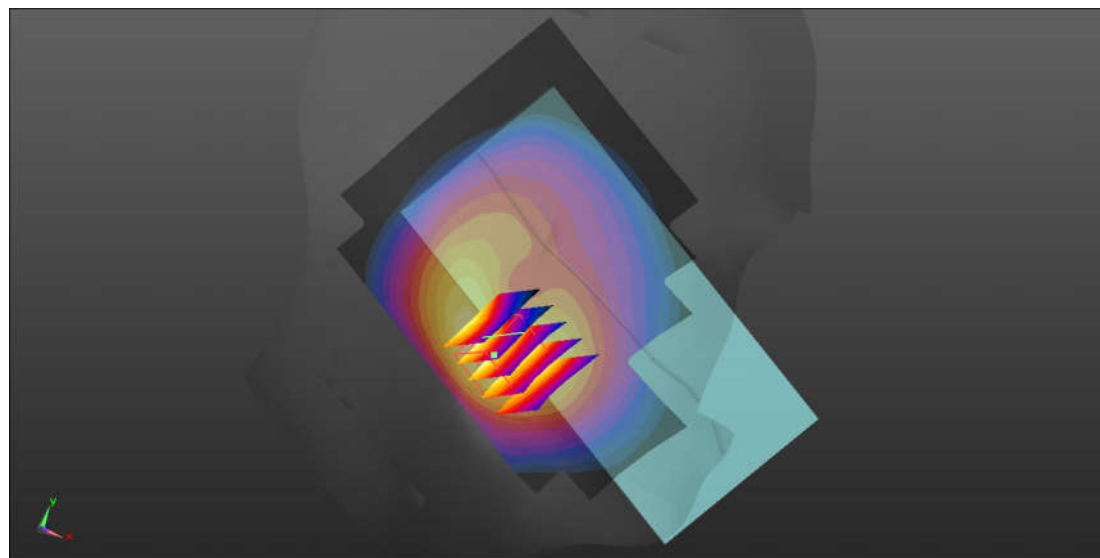
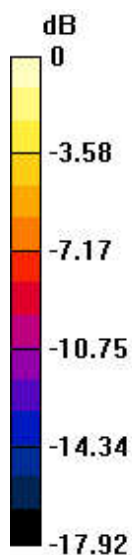
Ch167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.197 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.760 W/kg

SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.202 W/kg

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



0 dB = 0.479 W/kg

12_WCDMA IV_RMC 12.2Kbps_Right Tilted_Ch1413

Communication System: UID 0, UMTS (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: HSL_1750_220328 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.387$ S/m; $\epsilon_r = 41.785$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(5.33, 5.33, 5.33); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch1413/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

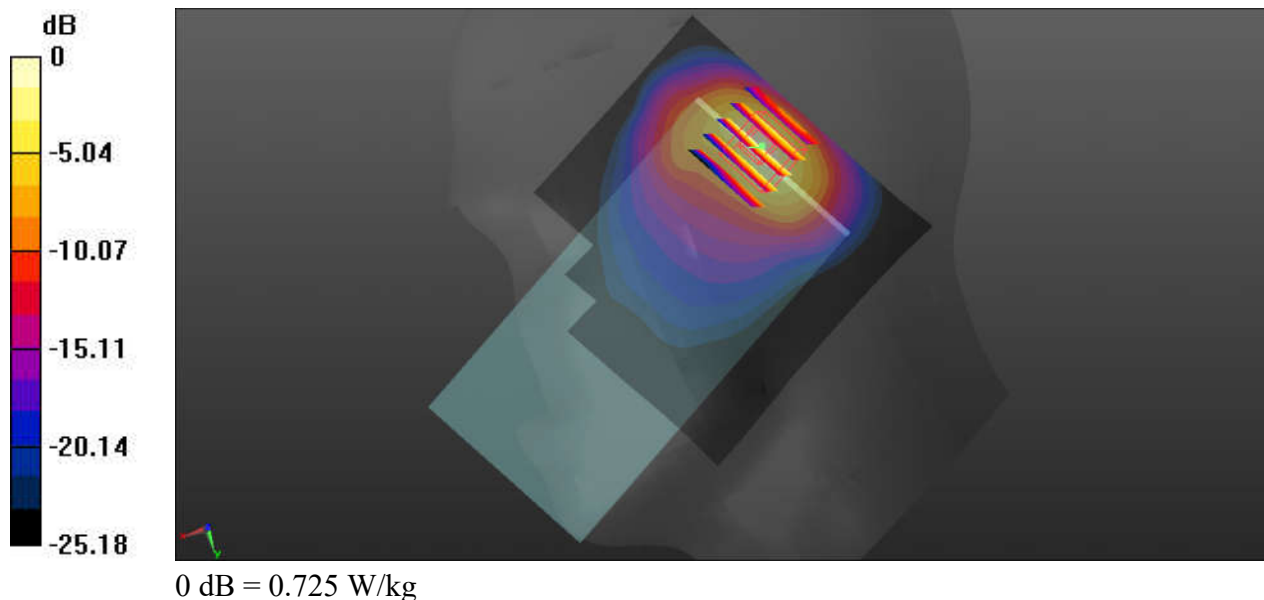
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.79 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 0.725 W/kg



13_LTE Band 4_20M_QPSK_1RB_0Offset_Right Tilted_Ch20175

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: HSL_1750_220328 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 41.788$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(5.33, 5.33, 5.33); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch20175/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.598 W/kg

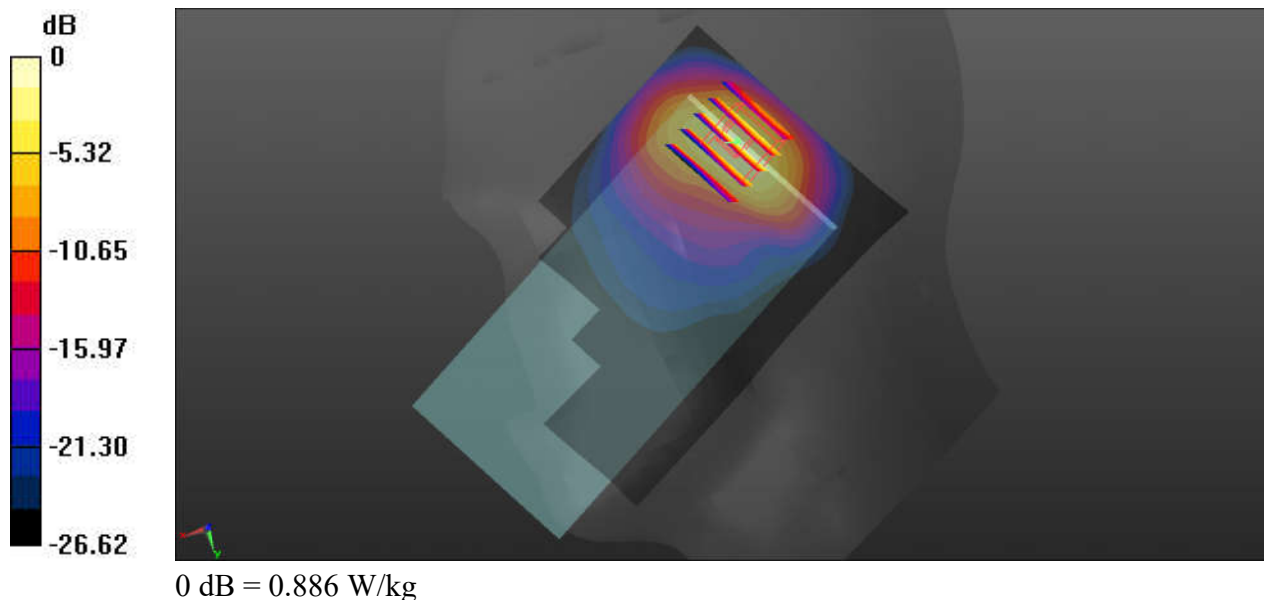
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.18 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.259 W/kg

Maximum value of SAR (measured) = 0.886 W/kg



14_LTE Band 66_20M_QPSK_1RB_0Offset_Right Tilted_Ch132322

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

Medium: HSL_1750_220328 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.401$ S/m; $\epsilon_r = 41.733$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(5.33, 5.33, 5.33); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch132322/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

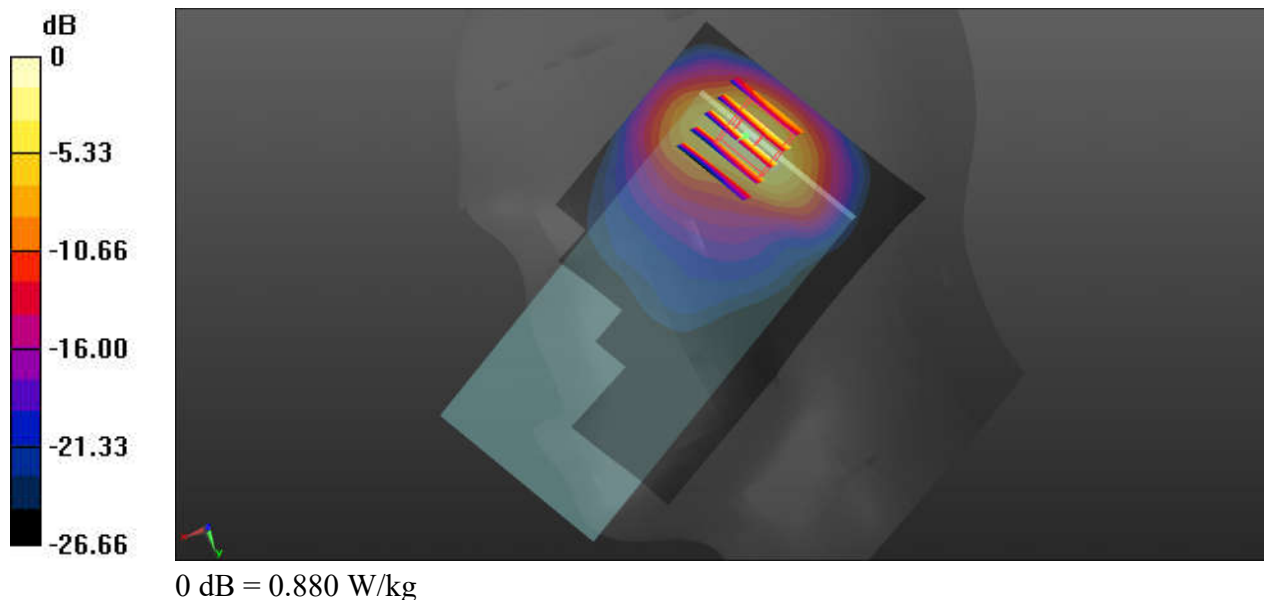
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.01 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.267 W/kg

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



15_FR1 n66_30M_BPSK_80RB_40Offset_DFT-15_Right Tilted_Ch349000

Communication System: UID 0, N66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL_1750_220328 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.401$ S/m; $\epsilon_r = 41.733$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(5.33, 5.33, 5.33); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch349000/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.703 W/kg

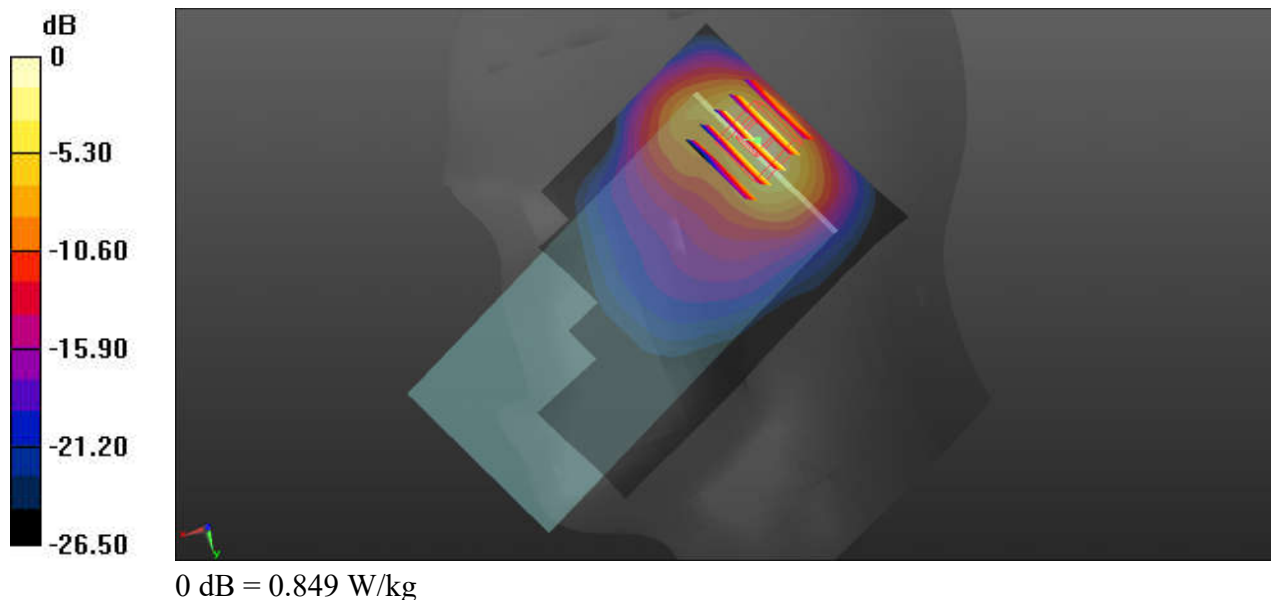
Ch349000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.47 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.286 W/kg

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



16_GSM1900_EDGE(4 Tx slots)_Right Tilted_Ch661

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.08
Medium: HSL_1900_220411 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.418$ S/m; $\epsilon_r = 40.128$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(5.10, 5.10, 5.10); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch661/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.494 W/kg

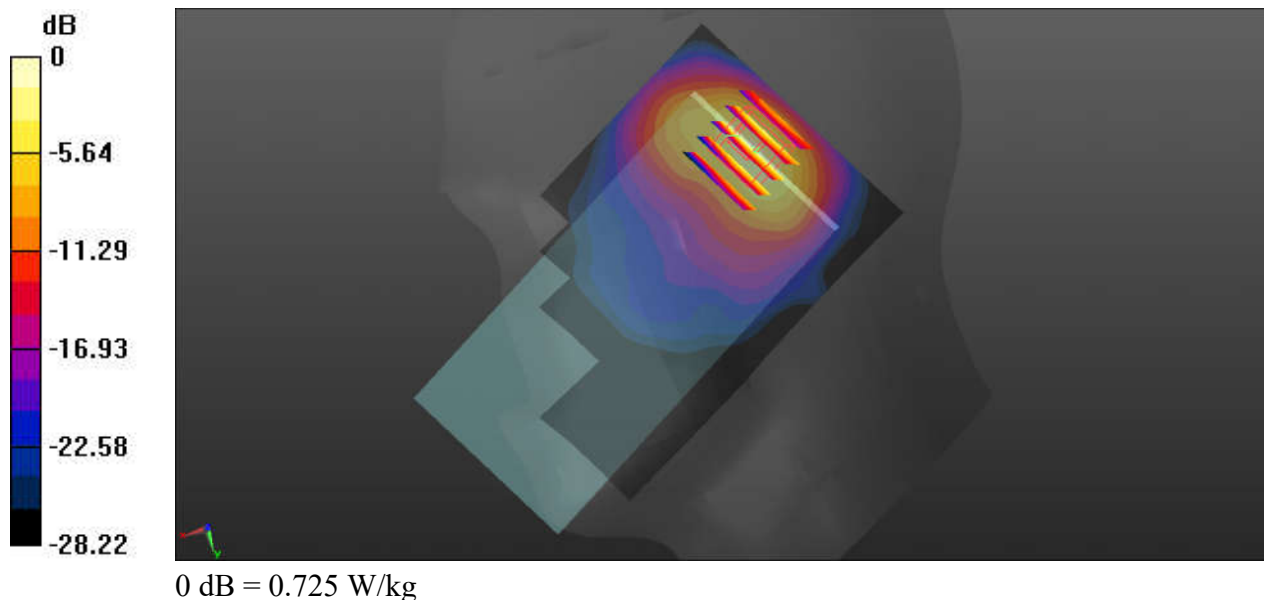
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.65 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.223 W/kg

Maximum value of SAR (measured) = 0.725 W/kg



17_WCDMA II_RMC 12.2Kbps_Right Tilted_Ch9400

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_220411 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.418$ S/m; $\epsilon_r = 40.128$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(5.10, 5.10, 5.10); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch9400/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.549 W/kg

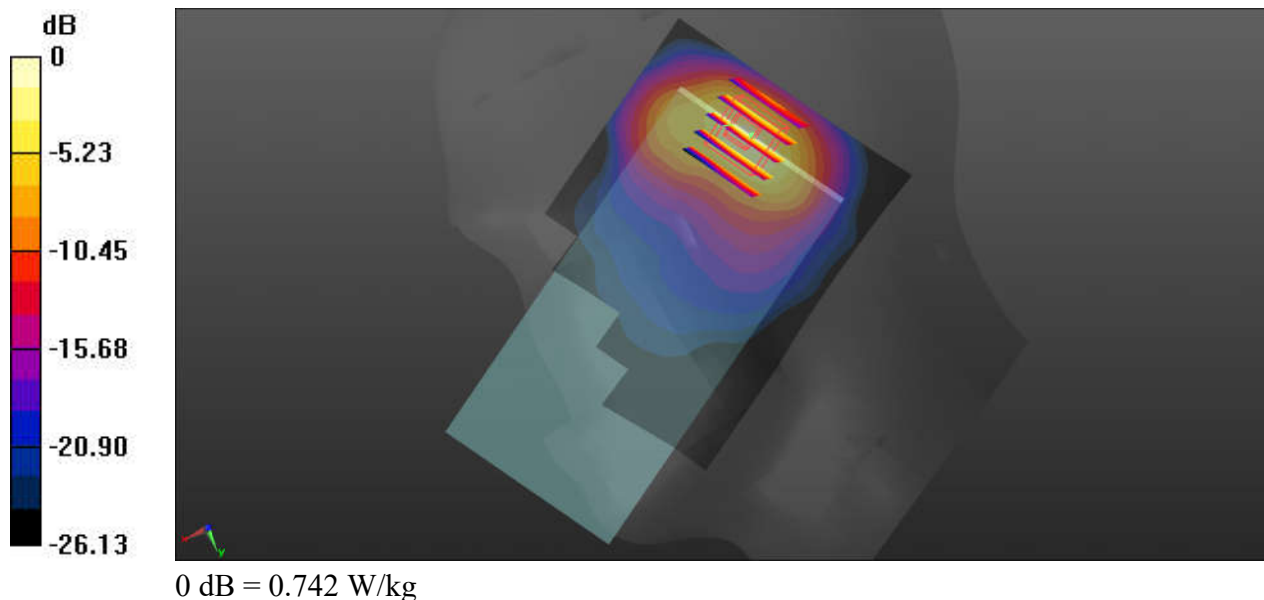
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.00 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.742 W/kg



18_LTE Band 2_20M_QPSK_50RB_0Offset_Right Tilted_Ch18900

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

Medium: HSL_1900_220411 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.418$ S/m; $\epsilon_r = 40.128$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(5.10, 5.10, 5.10); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch18900/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.646 W/kg

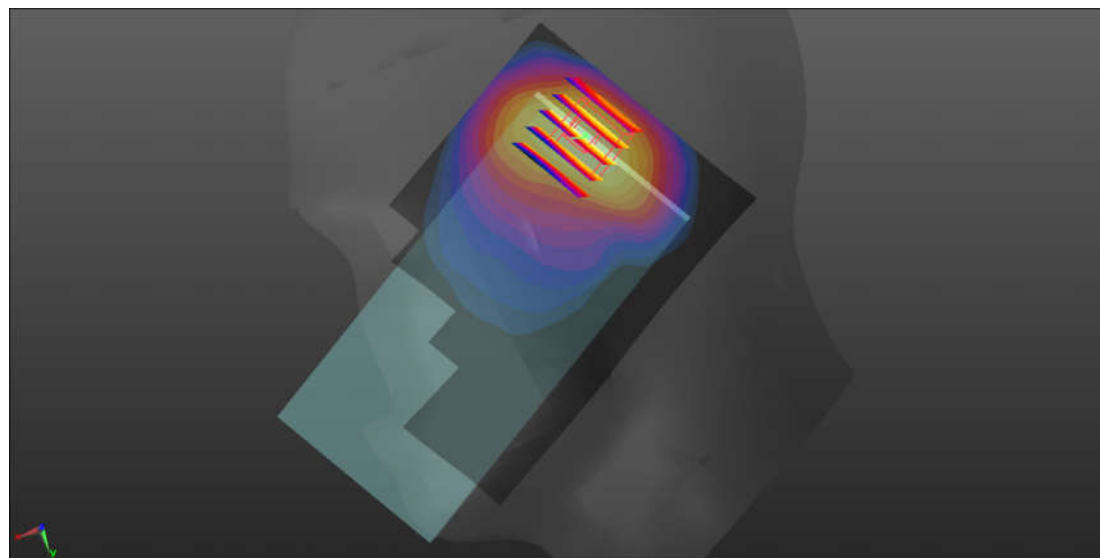
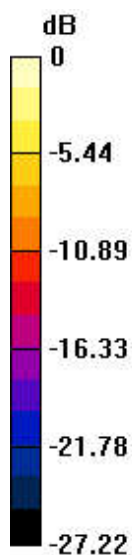
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.82 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.276 W/kg

Maximum value of SAR (measured) = 0.937 W/kg



0 dB = 0.937 W/kg

19_FR1 n2_20M_BPSK_50RB_28Offset_DFT-15_Right Tilted_Ch376000

Communication System: UID 0, N2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_220411 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.418$ S/m; $\epsilon_r = 40.128$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(5.10, 5.10, 5.10); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch376000/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

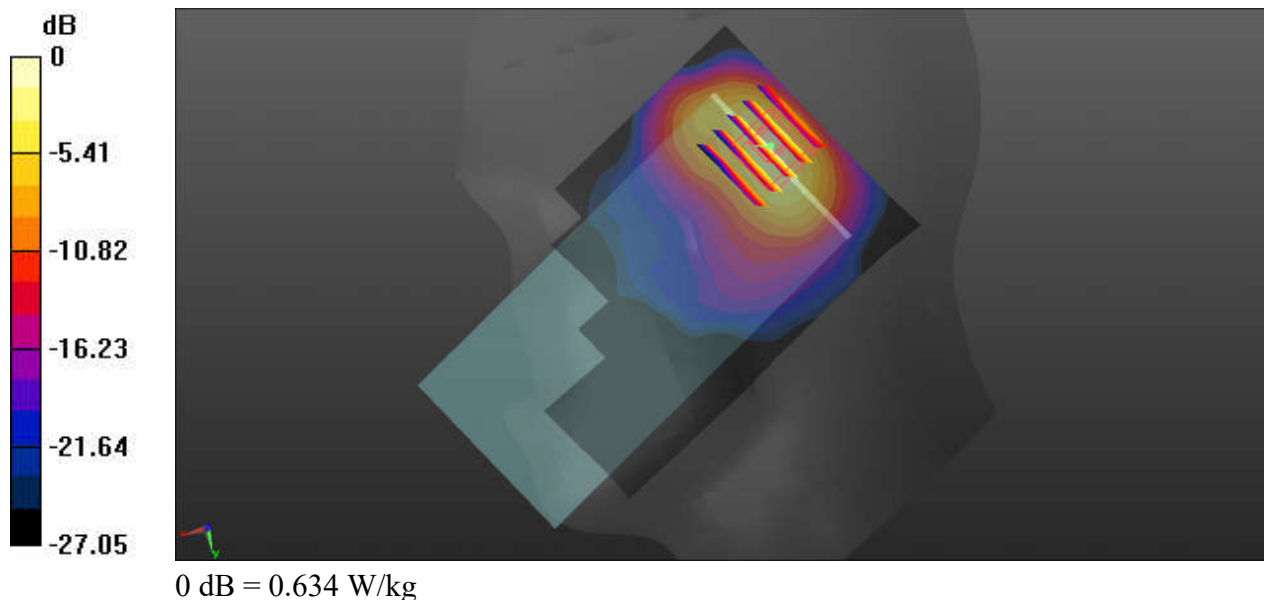
Ch376000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.30 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.958 W/kg

SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.634 W/kg



20_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch6

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL_2450_220412 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.795$ S/m; $\epsilon_r = 37.678$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(4.65, 4.65, 4.65); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) = 0.291 W/kg

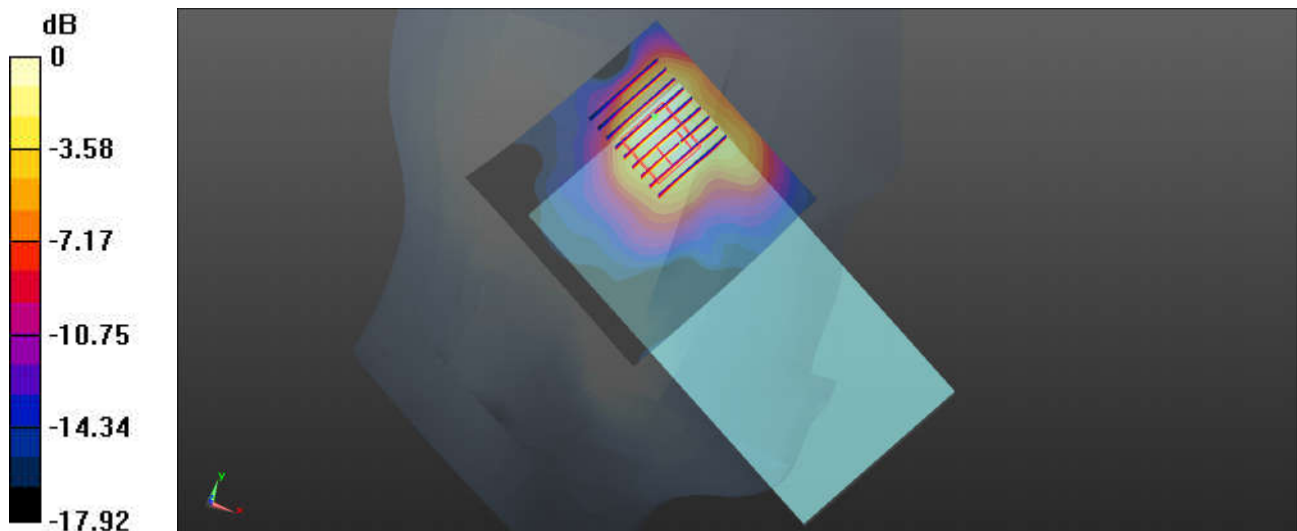
Ch6/Zoom Scan (8x9x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.909 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.104 W/kg

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



0 dB = 0.279 W/kg

21_Bluetooth_DH5 1Mbps_Left Cheek_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL_2450_220412 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.799$ S/m; $\epsilon_r = 37.658$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(4.65, 4.65, 4.65); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch39/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.456 W/kg

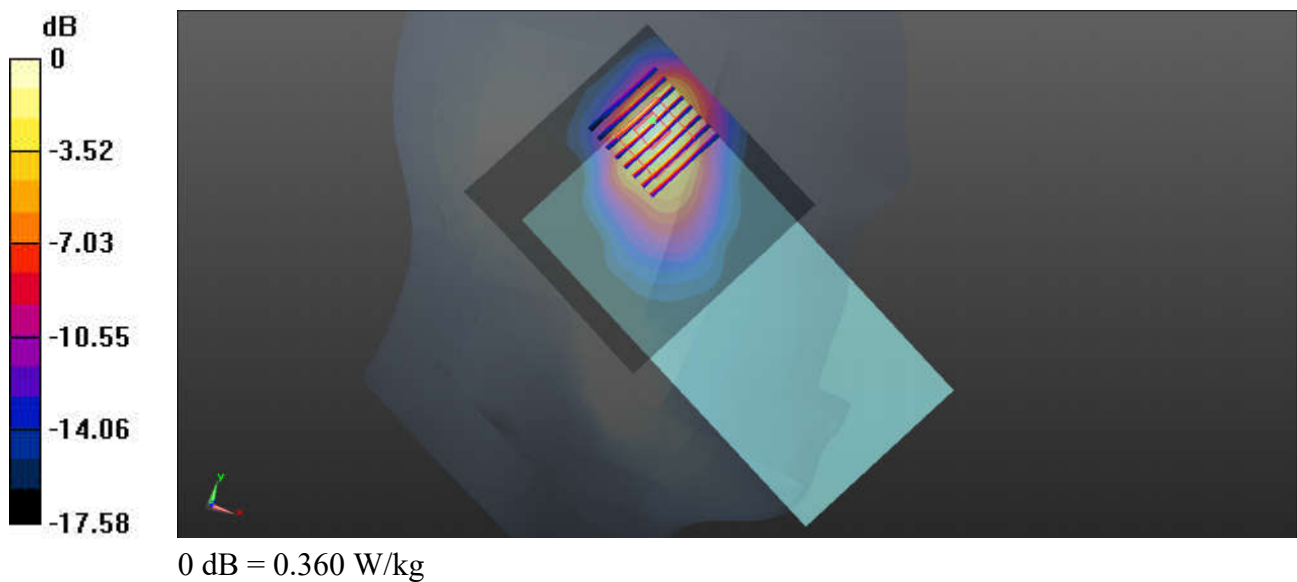
Ch39/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.848 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.490 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.113 W/kg

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



22_LTE Band 7_20M_QPSK_50RB_0Offset_Right Tilted_Ch21100

Communication System: UID 0, LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium: HSL_2600_220413 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.978$ S/m; $\epsilon_r = 38.261$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(4.48, 4.48, 4.48); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch21100/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

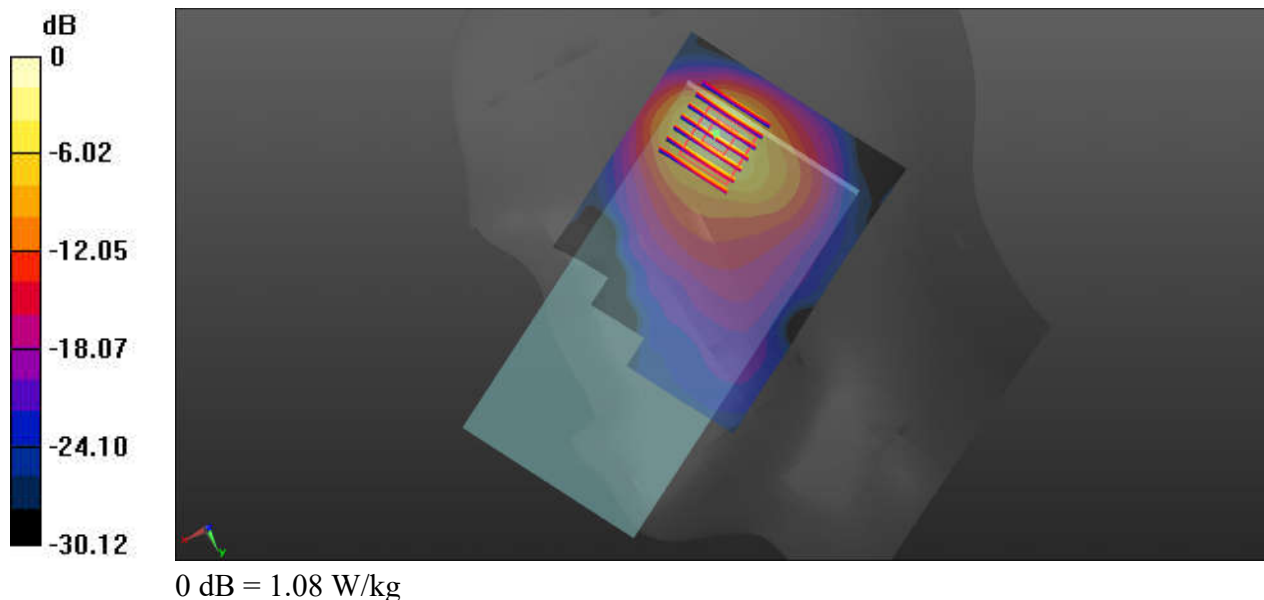
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.413 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.285 W/kg

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



23_LTE Band 38_20M_QPSK_50RB_0Offset_Right Tilted_Ch38000

Communication System: UID 0, LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_220413 Medium parameters used: $f = 2595$ MHz; $\sigma = 2.047$ S/m; $\epsilon_r = 38.013$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(4.48, 4.48, 4.48); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch38000/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.682 W/kg

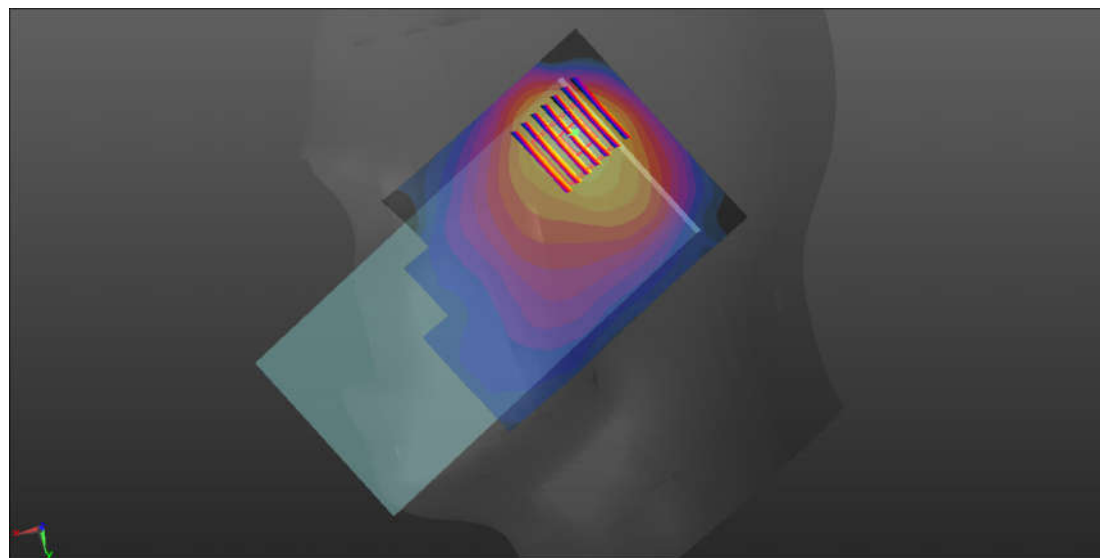
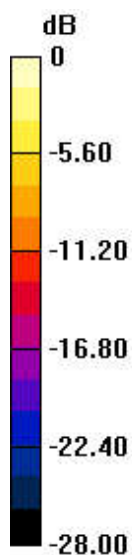
Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.199 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.504 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.704 W/kg



0 dB = 0.704 W/kg

24_LTE Band 41_20M_QPSK_1RB_0Offset_Right Cheek_Ch40620

Communication System: UID 0, LTE (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59
Medium: HSL_2600_220413 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.044$ S/m; $\epsilon_r = 38.026$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(4.48, 4.48, 4.48); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch40620/Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.748 W/kg

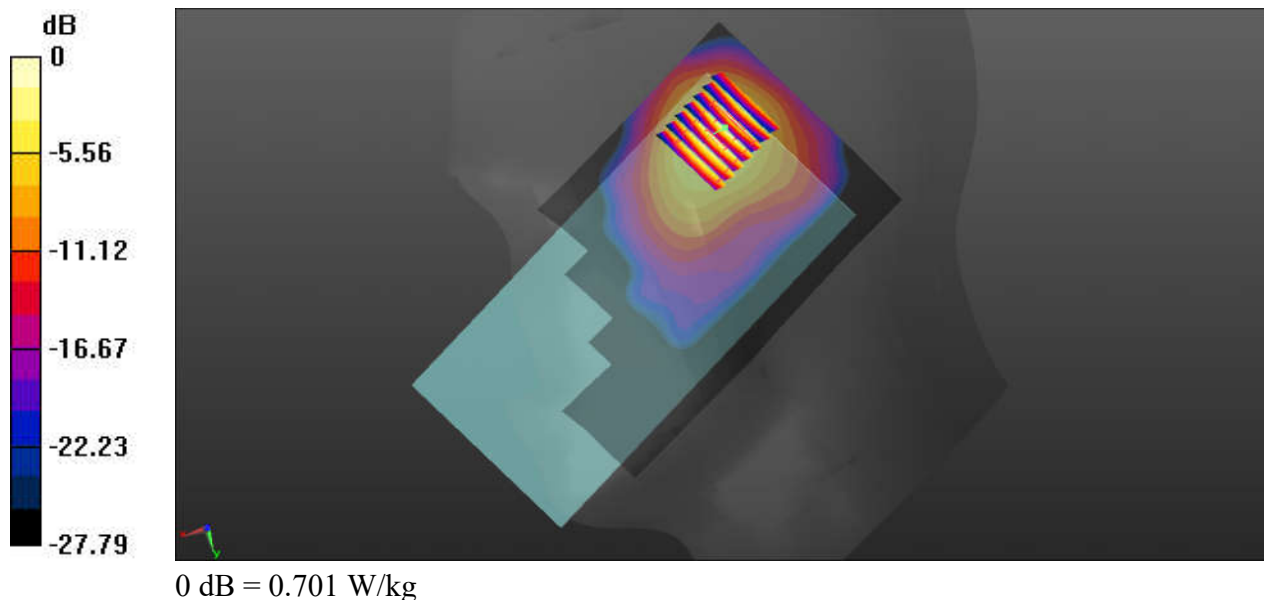
Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.440 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.701 W/kg



25_FR1 n7_20M_BPSK_1RB_1Offset_DFT-15_Right Cheek_Ch507000

Communication System: UID 0, N7 (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_220413 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.978$ S/m; $\epsilon_r = 38.261$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(4.48, 4.48, 4.48); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch507000/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.813 W/kg

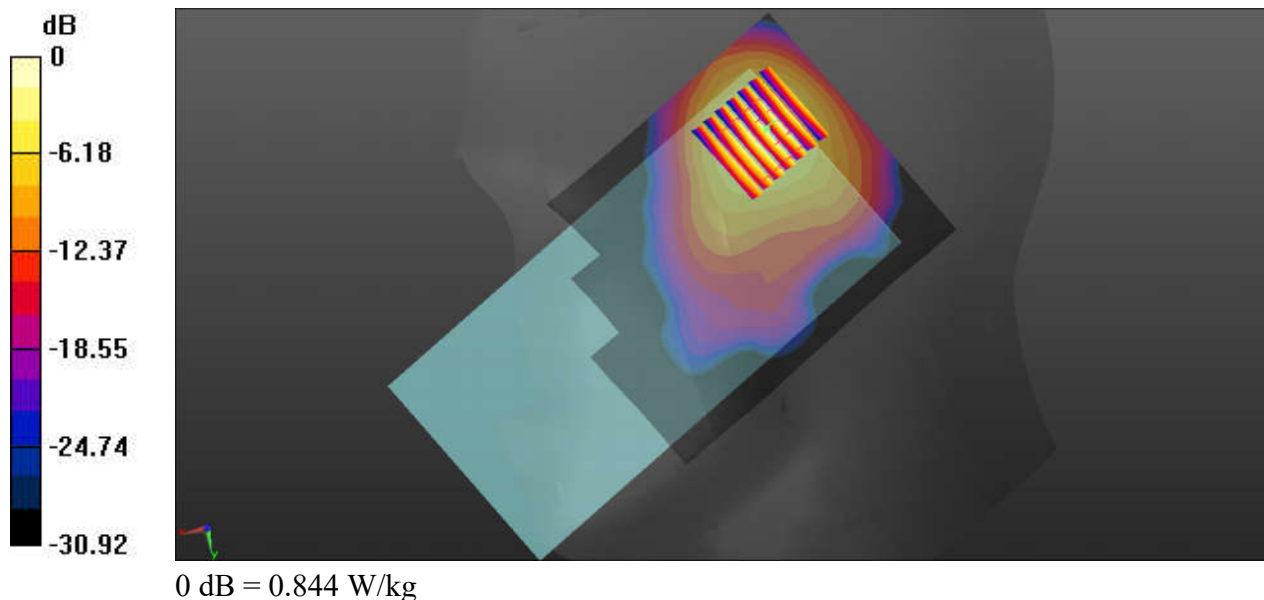
Ch507000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.51 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.634 W/kg; SAR(10 g) = 0.279 W/kg

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



26_FR1 n38_40M_BPSK_1RB_1Offset_DFT-30_Right Cheek_Ch519000

Communication System: UID 0, 5G NR (0); Frequency: 2595 MHz; Duty Cycle: 1:1
Medium: HSL_2600_220413 Medium parameters used: $f = 2595$ MHz; $\sigma = 2.047$ S/m; $\epsilon_r = 38.013$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(4.48, 4.48, 4.48); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch519000/Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.845 W/kg

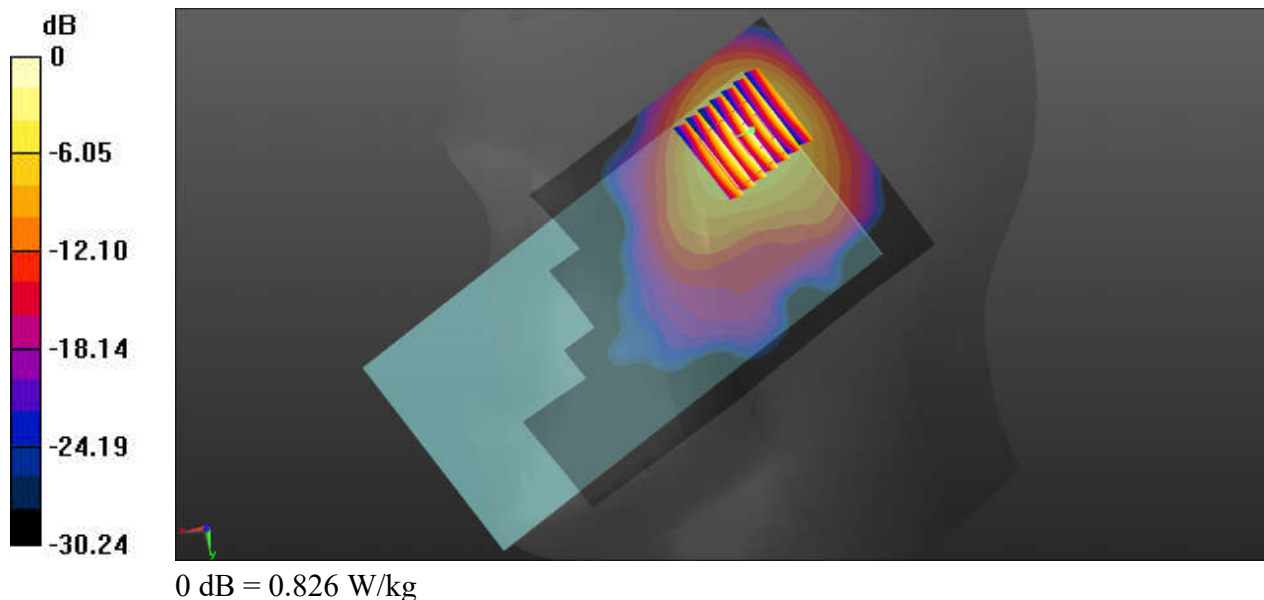
Ch519000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.375 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.651 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.826 W/kg



27_FR1 n41_100M_BPSK_1RB_1Offset_DFT-30_Right Cheek_Ch518598

Communication System: UID 0, 5G NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
Medium: HSL_2600_220413 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.044$ S/m; $\epsilon_r = 38.026$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3282; ConvF(4.48, 4.48, 4.48); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 910; Calibrated: 2021/7/15
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch518598/Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.936 W/kg

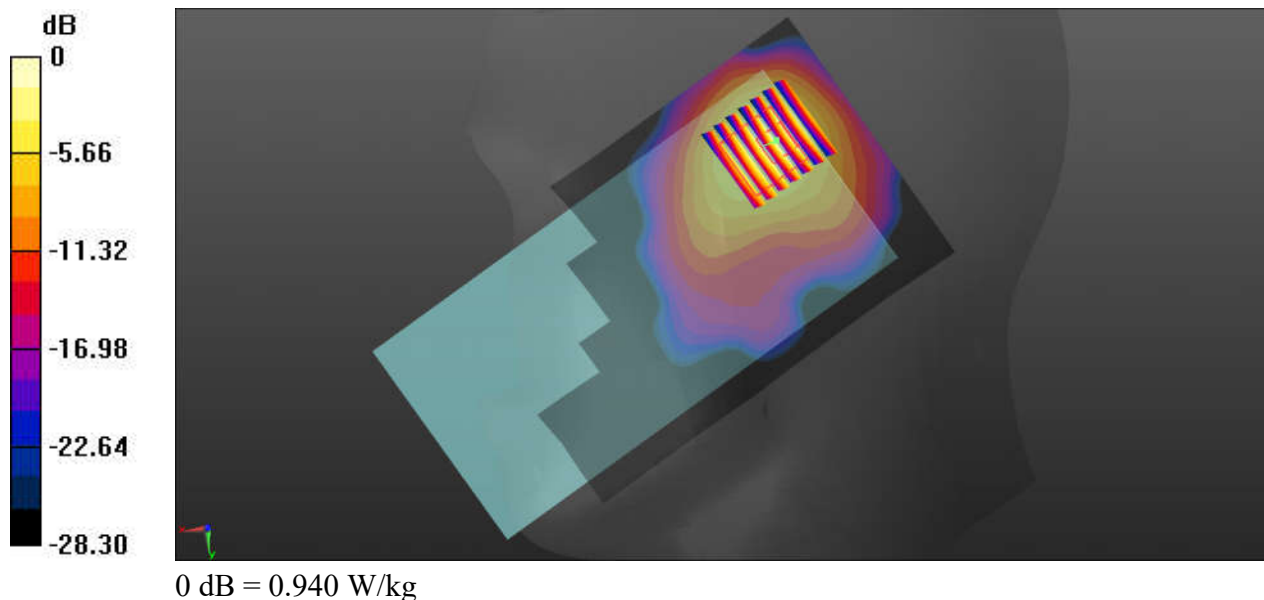
Ch518598/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.45 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 0.940 W/kg



28_LTE Band 42_20M_QPSK_50RB_0Offset_Right Cheek_Ch42590

Communication System: UID 0, Generic LTE (0); Frequency: 3500 MHz; Duty Cycle: 1:1.59
Medium: HSL_3500_220414 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.887$ S/m; $\epsilon_r = 38.379$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.77, 6.77, 6.77); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch42590/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.854 W/kg

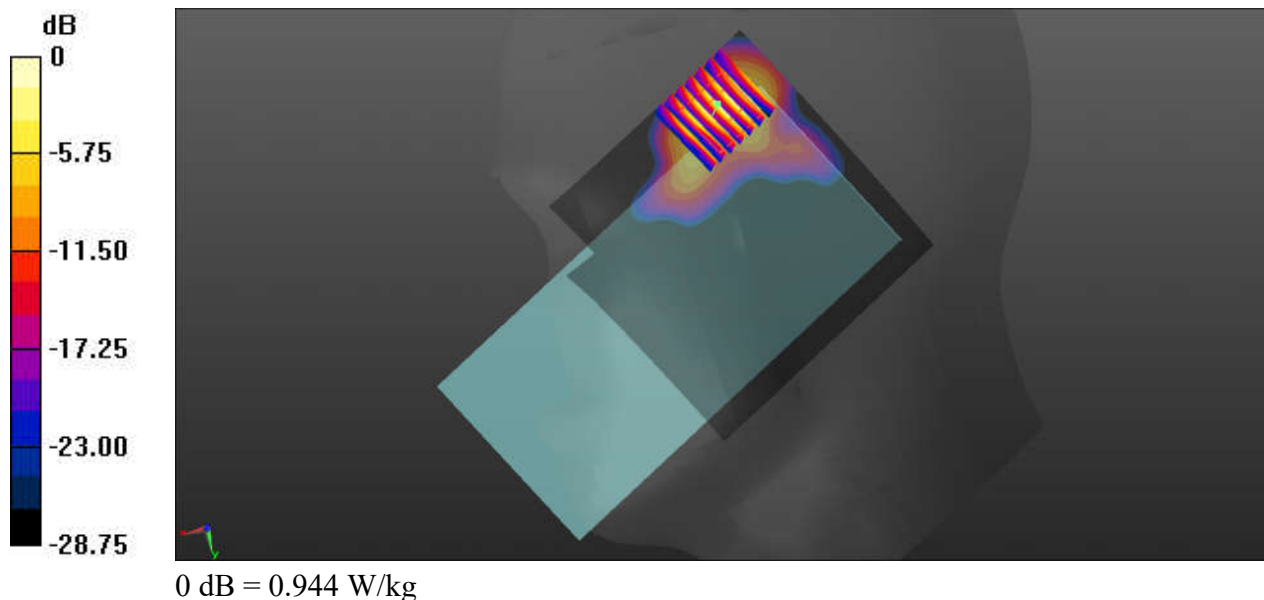
Ch42590/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 2.412 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.161 W/kg

Maximum value of SAR (measured) = 0.944 W/kg



29_FR1 n77_100M_BPSK_135RB_69Offset_DFT-30_Right Cheek_Ch633334

Communication System: UID 0, 5GNR (0); Frequency: 3500.01 MHz; Duty Cycle: 1:1
Medium: HSL_3500_220414 Medium parameters used: $f = 3500.01$ MHz; $\sigma = 2.935$ S/m; $\epsilon_r = 39.3$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.77, 6.77, 6.77); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch633334/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.889 W/kg

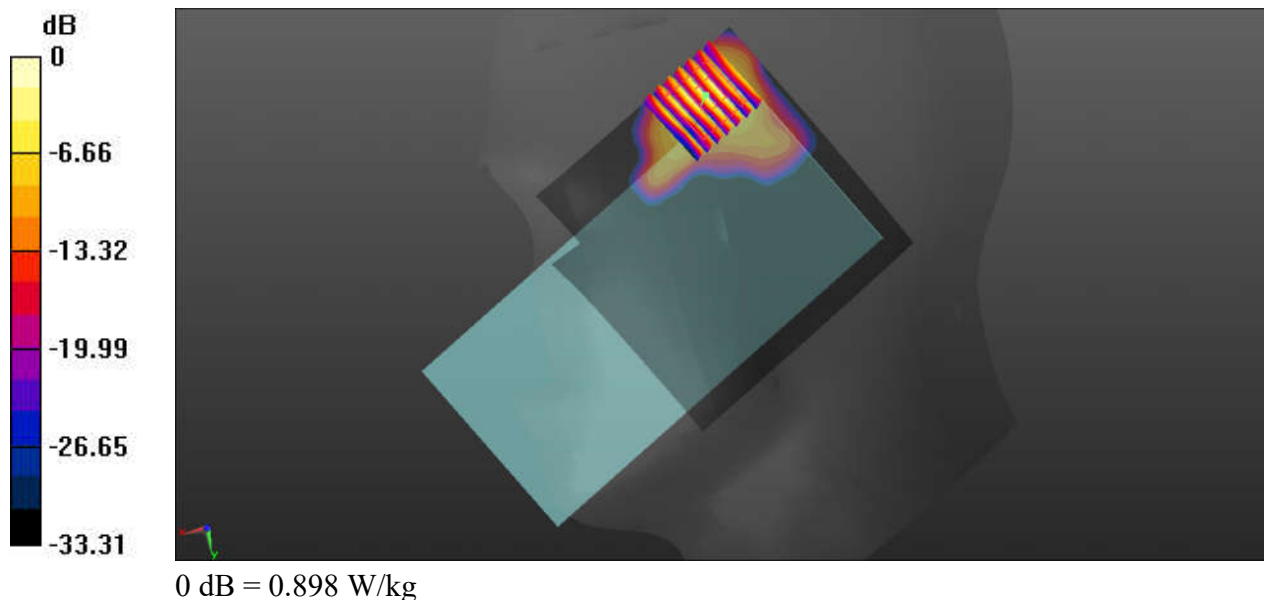
Ch633334/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 3.037 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.155 W/kg

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



30_FR1 n78_100M_BPSK_135RB_69Offset_DFT-30_Right Cheek_Ch633334

Communication System: UID 0, 5GNR (0); Frequency: 3500.01 MHz; Duty Cycle: 1:1
Medium: HSL_3500_220414 Medium parameters used: $f = 3500.01$ MHz; $\sigma = 2.935$ S/m; $\epsilon_r = 39.3$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.77, 6.77, 6.77); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch633334/Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.938 W/kg

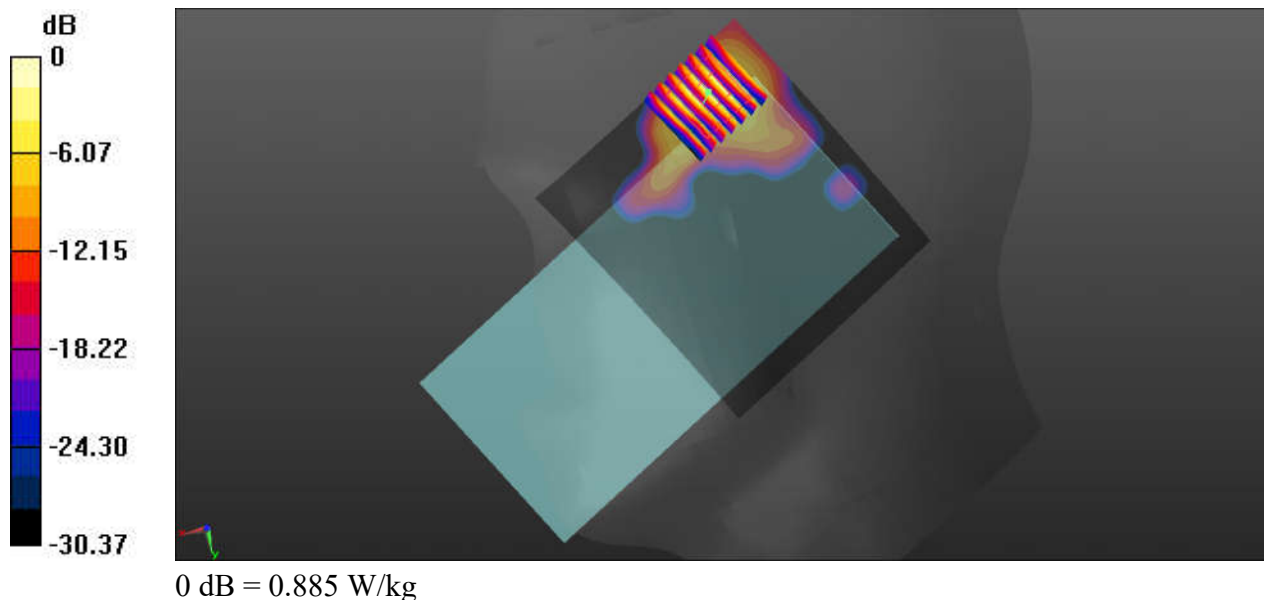
Ch633334/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 2.720 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.156 W/kg

Maximum value of SAR (measured) = 0.885 W/kg



31_WLAN5GHz_802.11ac-VHT160 MCS0_Left Tilted_Ch50

Communication System: UID 0, WIFI (0); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: HSL_5250_220417 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.853$ S/m; $\epsilon_r = 35.417$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.02, 5.02, 5.02); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch50/Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.696 W/kg

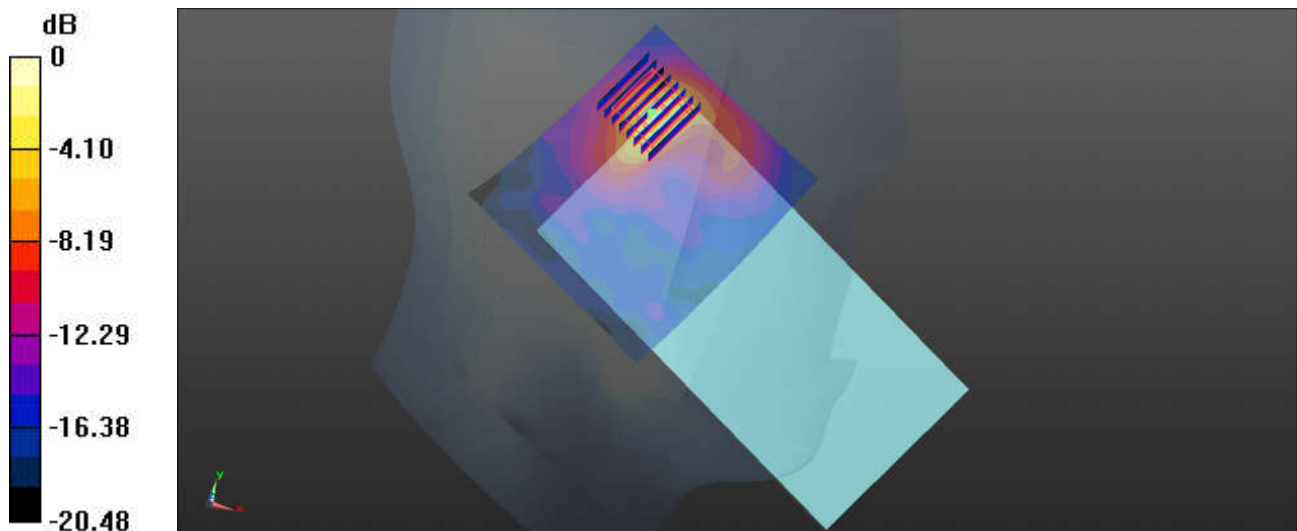
Ch50/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.377 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.698 W/kg



0 dB = 0.698 W/kg

32_WLAN5GHz_802.11ac-VHT160 MCS0_Left Tilted_Ch114

Communication System: UID 0, WIFI (0); Frequency: 5570 MHz; Duty Cycle: 1:1

Medium: HSL_5600_220418 Medium parameters used: $f = 5570$ MHz; $\sigma = 5.199$ S/m; $\epsilon_r = 34.787$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.51, 4.51, 4.51); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch114/Area Scan (101x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.790 W/kg

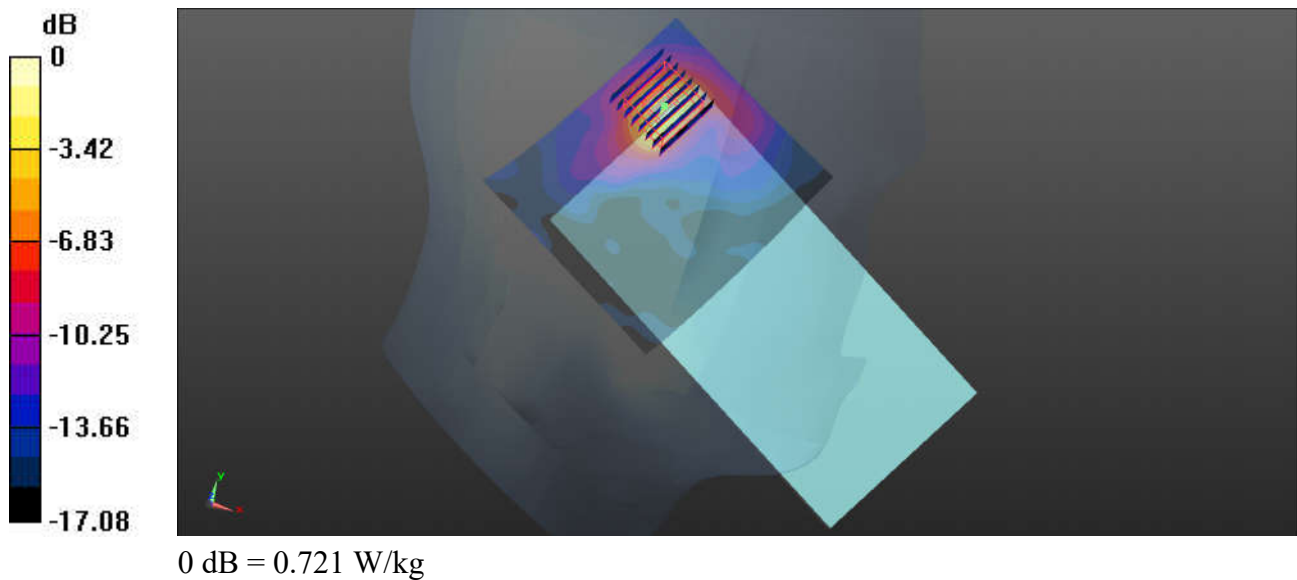
Ch114/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.459 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (measured) = 0.721 W/kg



33_WLAN5GHz_802.11ac-VHT80 MCS0_Left Tilted_Ch155

Communication System: UID 0, WIFI (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: HSL_5750_220419 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.405$ S/m; $\epsilon_r = 34.39$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.62, 4.62, 4.62); Calibrated: 2021/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn 715; Calibrated: 2021/12/29
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch155/Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.805 W/kg

Ch155/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.474 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.738 W/kg

