

System Check_Head_5600MHz

DUT: D5GHzV2-SN:1113

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

Medium: HSL_5600_220508 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.058$ S/m; $\epsilon_r = 36.915$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.82, 4.82, 4.82); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- 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) = 20.1 W/kg

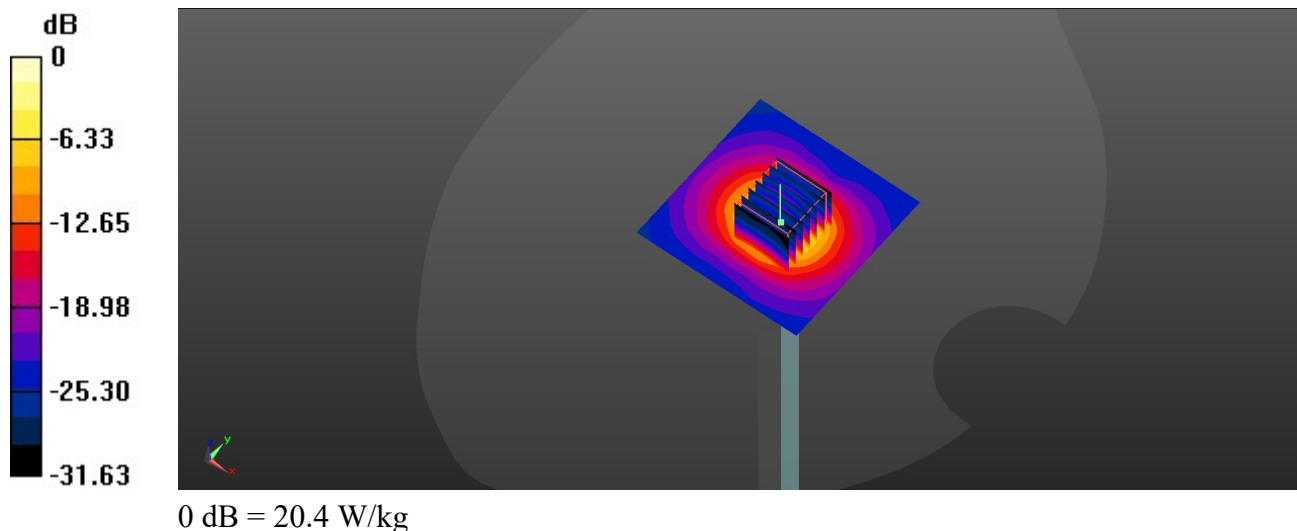
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 69.69 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 36.4 W/kg

SAR(1 g) = 7.78 W/kg; SAR(10 g) = 2.23 W/kg

Maximum value of SAR (measured) = 20.4 W/kg



System Check_Head_5600MHz

DUT: D5GHzV2-SN:1113

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

Medium: HSL_5600_220518 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 : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.82, 4.82, 4.82); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- 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) = 21.5 W/kg

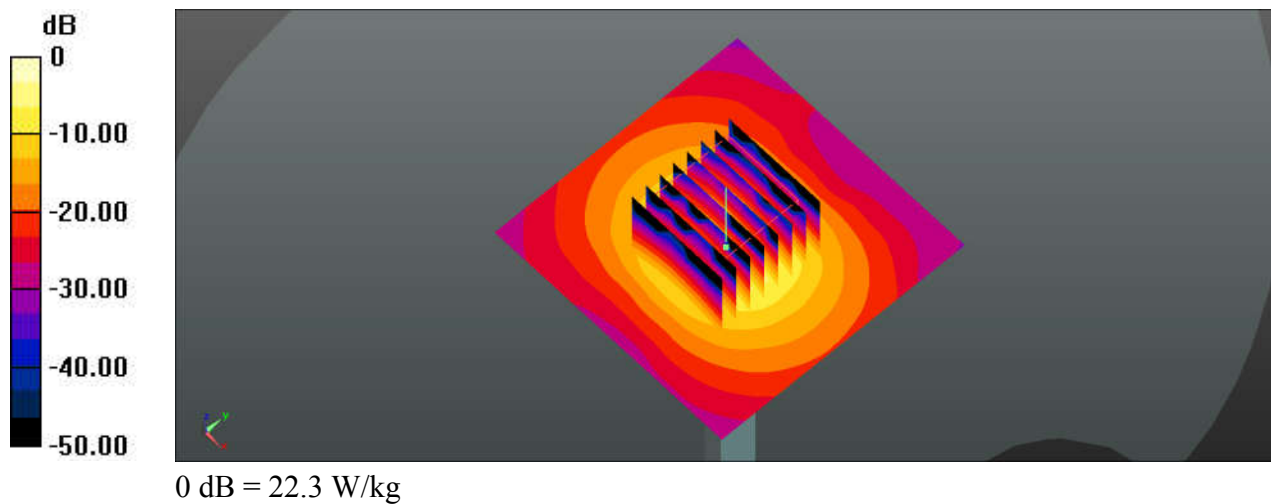
Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 73.52 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 38.5 W/kg

SAR(1 g) = 8.83 W/kg; SAR(10 g) = 2.5 W/kg

Maximum value of SAR (measured) = 22.3 W/kg



System Check_Head_5750MHz

DUT: D5GHzV2-1113

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

Medium: HSL_5750_220509 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.237$ S/m; $\epsilon_r = 36.667$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.9, 4.9, 4.9); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- 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) = 22.3 W/kg

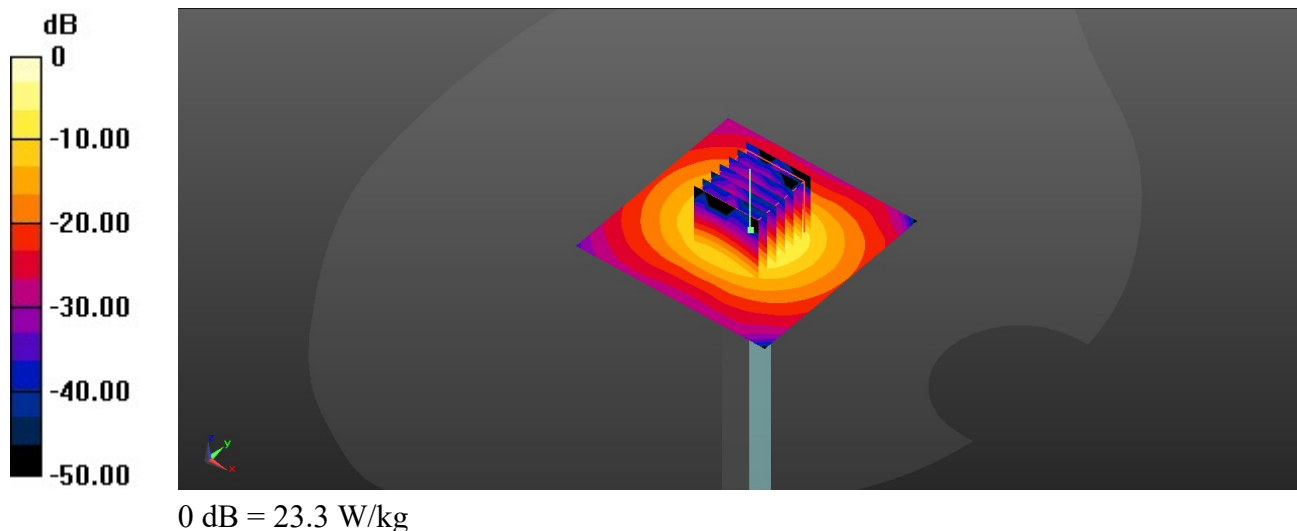
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 74.56 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 42.6 W/kg

SAR(1 g) = 8.17 W/kg; SAR(10 g) = 2.13 W/kg

Maximum value of SAR (measured) = 23.3 W/kg



System Check_Head_5750MHz

DUT: D5GHzV2-1113

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

Medium: HSL_5750_220518 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.119$ S/m; $\epsilon_r = 35.497$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.9, 4.9, 4.9); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- 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) = 21.9 W/kg

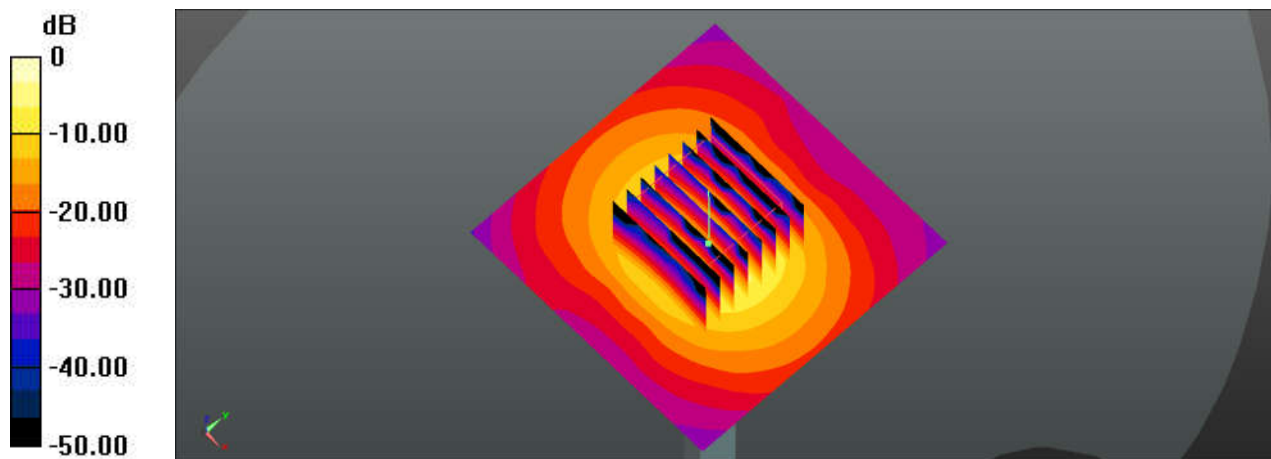
Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 75.32 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 40.5 W/kg

SAR(1 g) = 8.71 W/kg; SAR(10 g) = 2.47 W/kg

Maximum value of SAR (measured) = 22.6 W/kg



0 dB = 22.6 W/kg



Appendix B. Plots of High SAR Measurement

The plots are shown as follows.

01_LTE Band 13_10M_QPSK_1RB_25Offset_Right Cheek_Ch23230

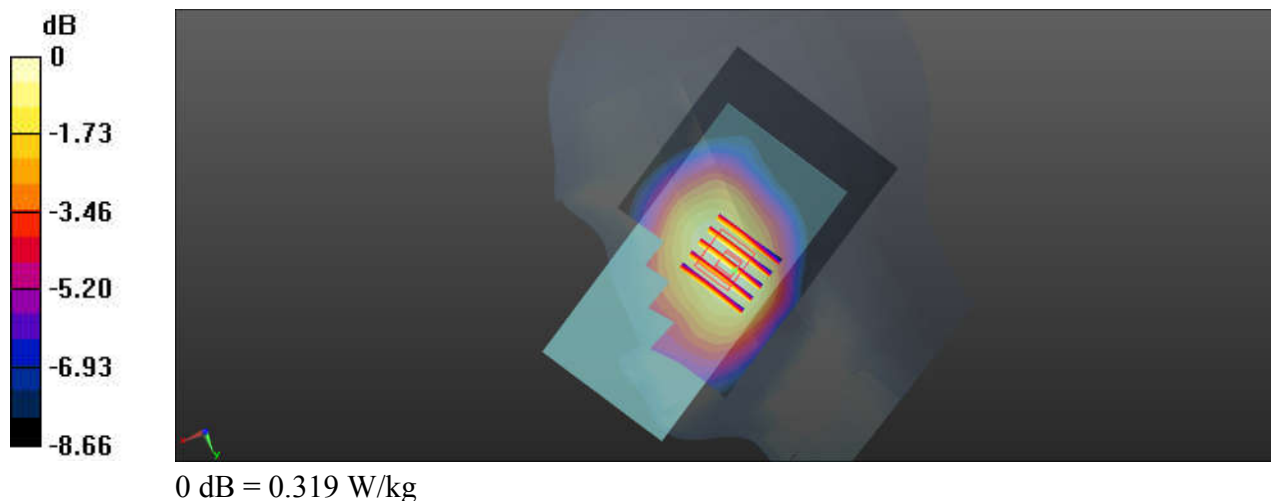
Communication System: UID 0, Generic LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium: HSL_750_220501 Medium parameters used: $f = 782$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 40.018$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(10.04, 10.04, 10.04); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23230/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.305 W/kg

Ch23230/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.591 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.218 W/kg
Maximum value of SAR (measured) = 0.319 W/kg



02_GSM850_GPRS(2 Tx slots)_Right Cheek_Ch189

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 836.4 MHz; Duty Cycle: 1:4.15
Medium: HSL_835_220504 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 40.74$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.54, 9.54, 9.54); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) = 0.281 W/kg

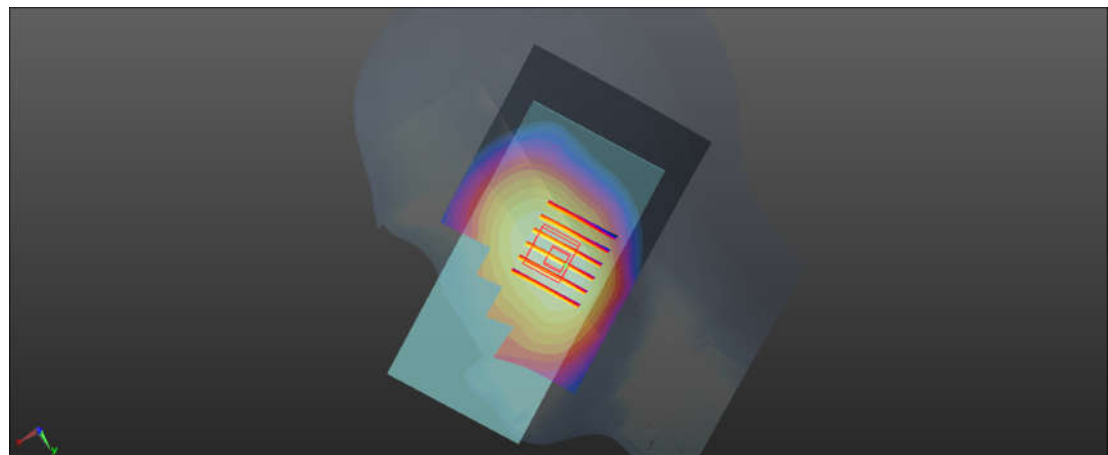
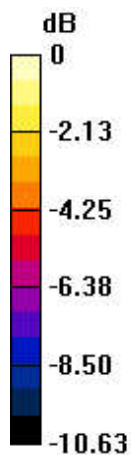
Ch189/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.408 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.184 W/kg

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



0 dB = 0.273 W/kg

03_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4182

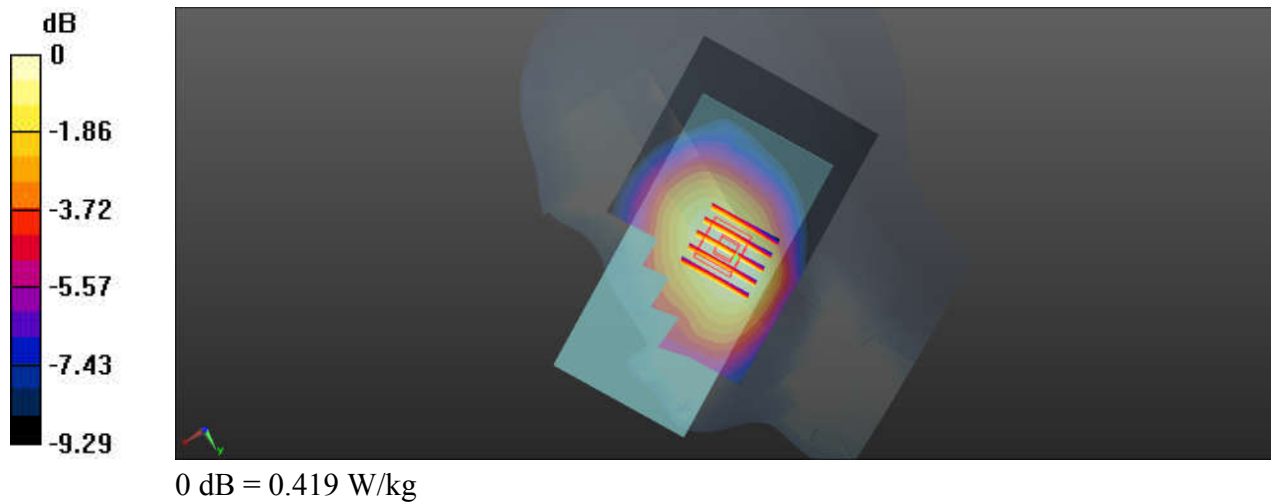
Communication System: UID 0, Generic WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_835_220504 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 40.74$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.54, 9.54, 9.54); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch4182/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.434 W/kg

Ch4182/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.231 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.459 W/kg
SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.280 W/kg
Maximum value of SAR (measured) = 0.419 W/kg



04_LTE Band 26_15M_QPSK_1RB_37Offset_Right Cheek_Ch26865

Communication System: UID 0, Generic LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: HSL_835_220504 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 40.782$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.54, 9.54, 9.54); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch26865/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

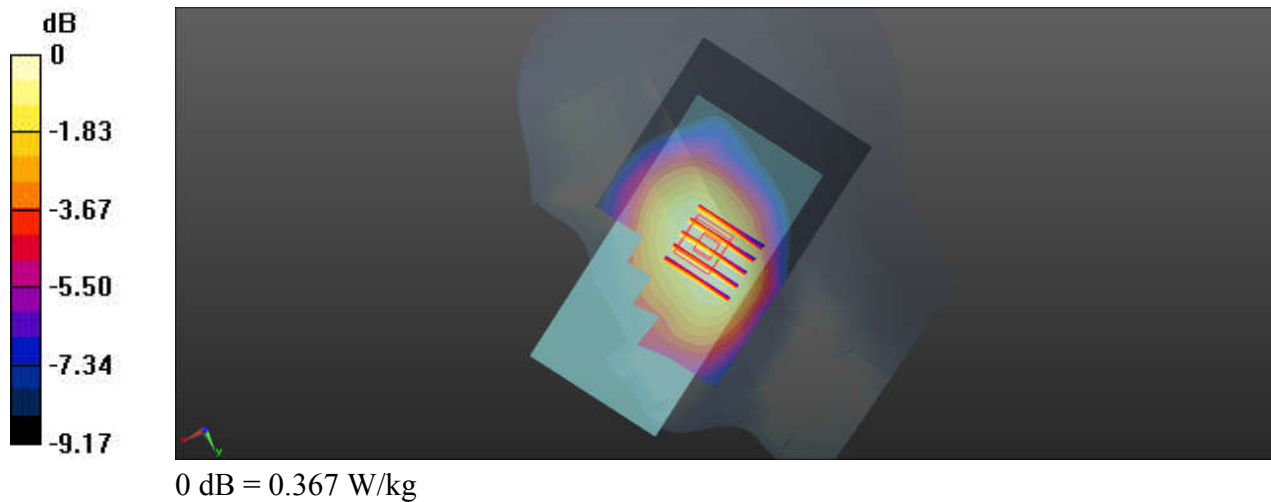
Ch26865/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.661 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.252 W/kg

Maximum value of SAR (measured) = 0.367 W/kg



05_WCDMA IV_RMC 12.2Kbps_Right Cheek_Ch1413

Communication System: UID 0, Generic WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: HSL_1750_220511 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.339$ S/m; $\epsilon_r = 38.475$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(8.38, 8.38, 8.38); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch1413/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

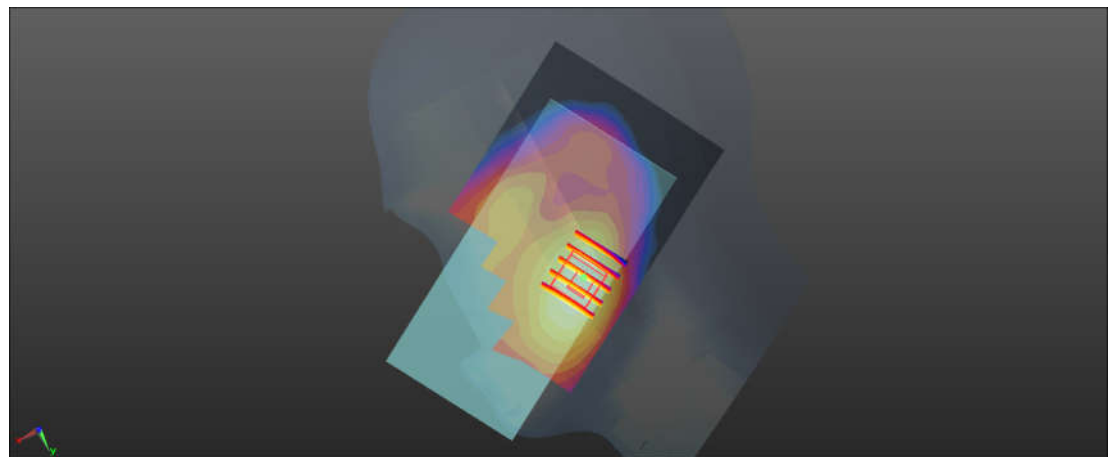
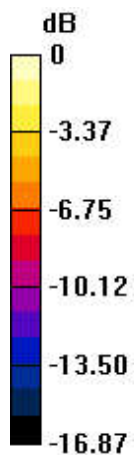
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.274 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 0.465 W/kg



0 dB = 0.465 W/kg

06_LTE Band 66_20M_QPSK_1RB_49Offset_Right Cheek_Ch132322

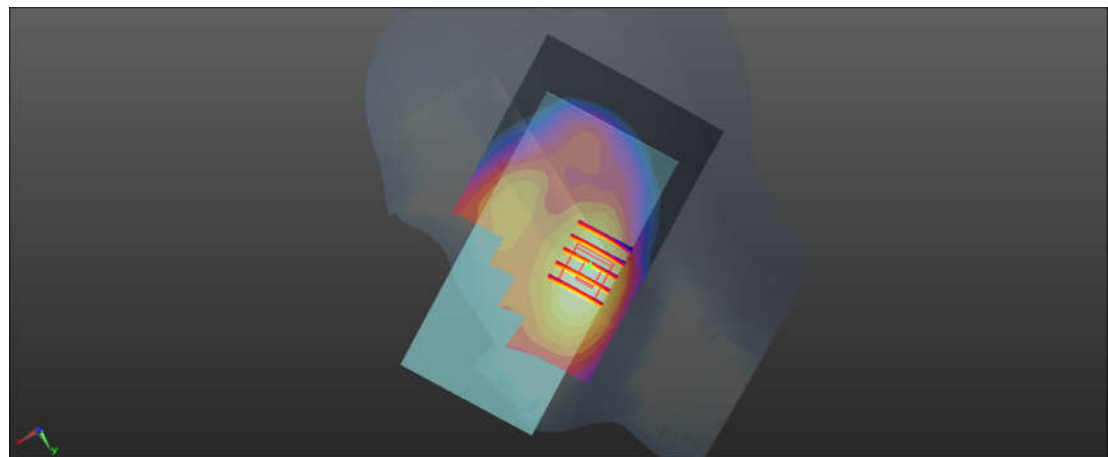
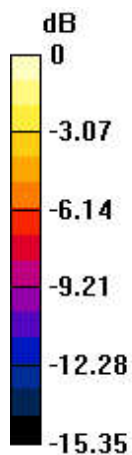
Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium: HSL_1750_220511 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.351$ S/m; $\epsilon_r = 38.42$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(8.38, 8.38, 8.38); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch132322/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.378 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.251 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.447 W/kg
SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.195 W/kg
Maximum value of SAR (measured) = 0.378 W/kg



0 dB = 0.378 W/kg

07_GSM1900_GPRS(2 Tx slots)_Left Cheek_Ch661

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: HSL_1900_220514 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.436$ S/m; $\epsilon_r = 40.977$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.92, 7.92, 7.92); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch661/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.213 W/kg

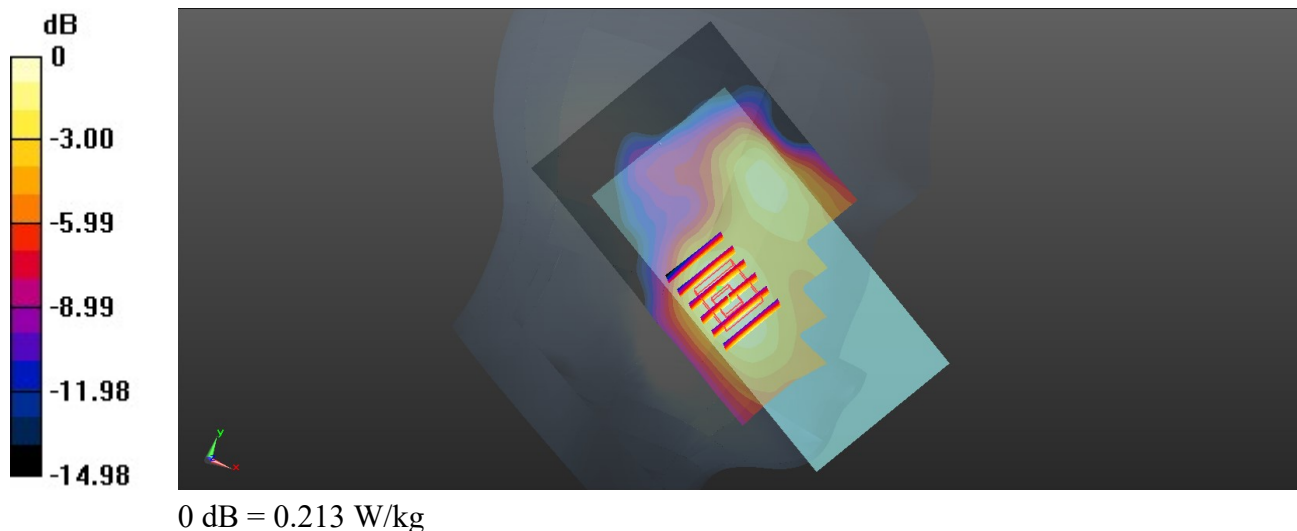
Ch661/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.262 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.205 W/kg



08_WCDMA II_RMC 12.2Kbps_Left Cheek_Ch9400

Communication System: UID 0, Generic WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_220514 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.436$ S/m; $\epsilon_r = 40.977$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.92, 7.92, 7.92); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch9400/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.262 W/kg

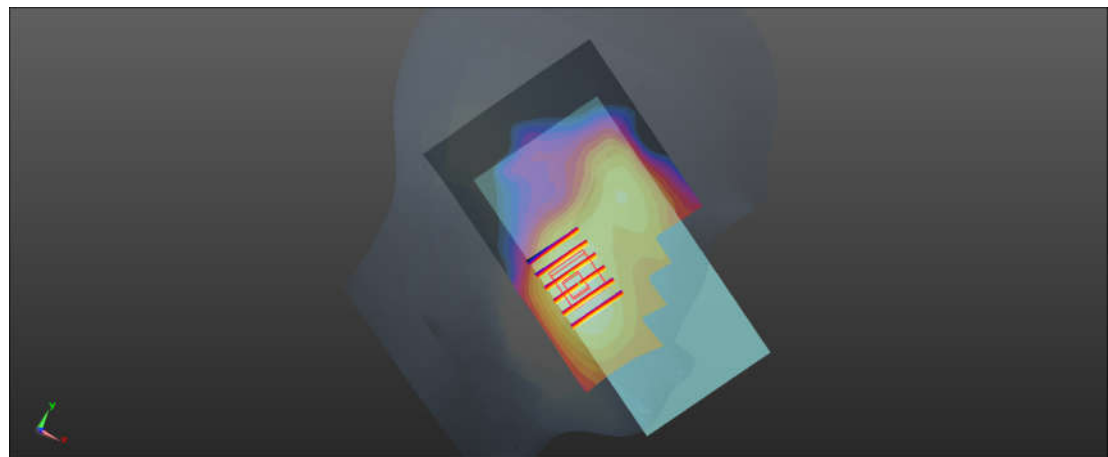
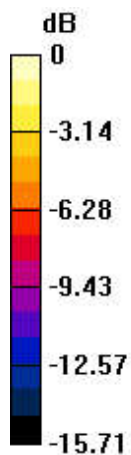
Ch9400/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.321 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.132 W/kg

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.264 W/kg

09_LTE Band 2_20M_QPSK_1RB_49Offset_Left Cheek_Ch18900

Communication System: UID 0, Generic LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_220514 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.436$ S/m; $\epsilon_r = 40.977$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.92, 7.92, 7.92); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch18900/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

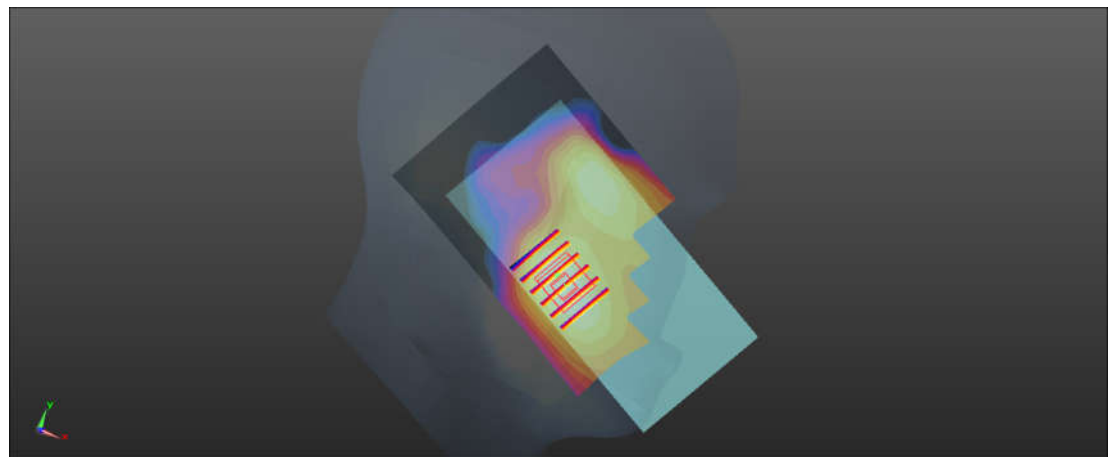
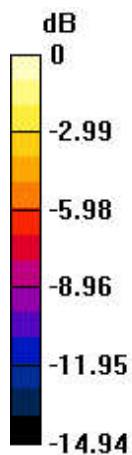
Ch18900/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.259 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.203 W/kg



0 dB = 0.203 W/kg

10_LTE Band 7_20M_QPSK_1RB_49Offset_Left Cheek_Ch20850

Communication System: UID 0, Generic LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1
Medium: HSL_2600_220516 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 38.348$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.35, 7.35, 7.35); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch20850/Area Scan (91x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.650 W/kg

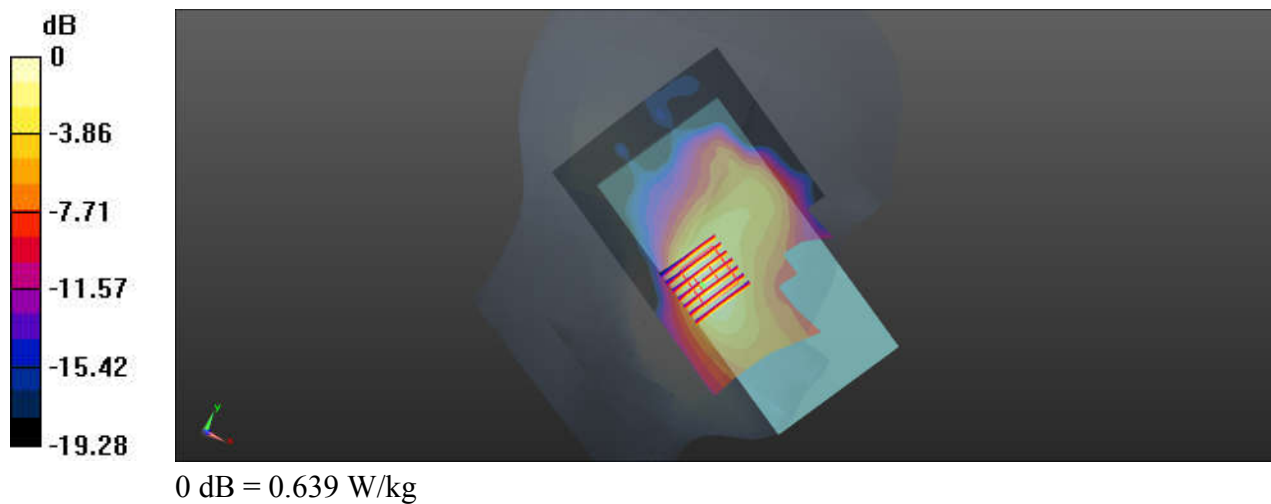
Ch20850/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.487 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.251 W/kg

Maximum value of SAR (measured) = 0.639 W/kg



11_LTE Band 38_20M_QPSK_1RB_49Offset_Left Cheek_Ch38000

Communication System: UID 0, Generic LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59
Medium: HSL_2600_220516 Medium parameters used: $f = 2595$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 39.541$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.35, 7.35, 7.35); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch38000/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.554 W/kg

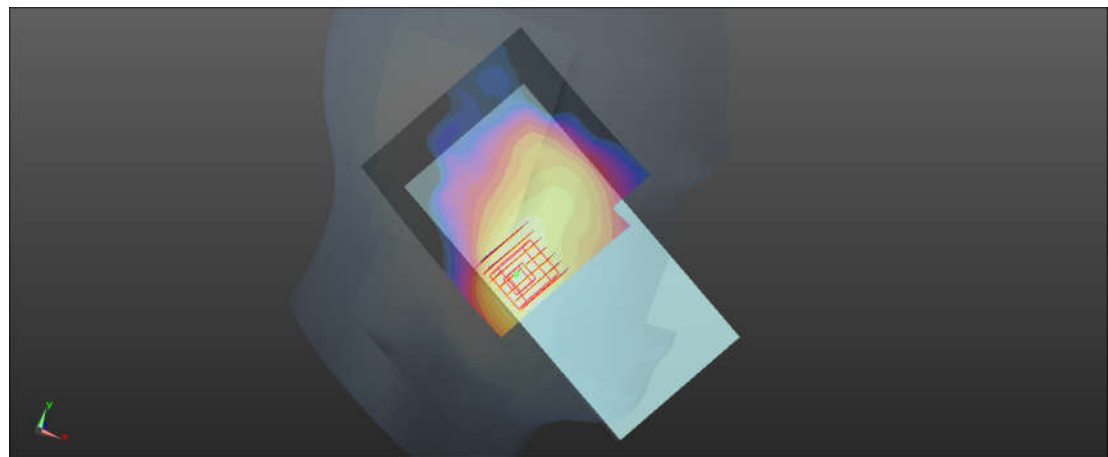
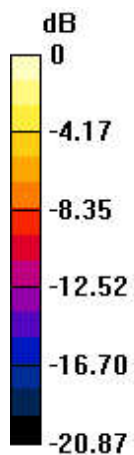
Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.319 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.637 W/kg

SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.529 W/kg



0 dB = 0.529 W/kg

12_Bluetooth_DH5 1Mbps_Left Cheek_Ch39

Communication System: UID 0, BT (0); Frequency: 2441 MHz; Duty Cycle: 1:1.304

Medium: HSL_2450_220509 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.092$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.6, 7.6, 7.6); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch39/Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.202 W/kg

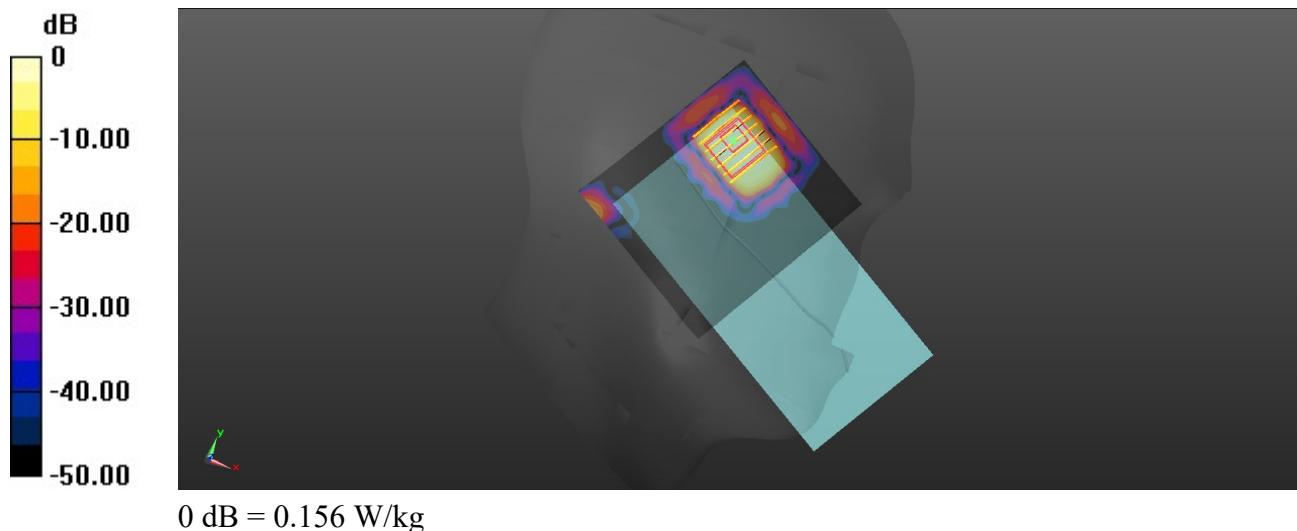
Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.954 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.156 W/kg



13_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch1

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz; Duty Cycle: 1:1.014

Medium: HSL_2450_220509 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 38.535$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.6, 7.6, 7.6); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) = 1.38 W/kg

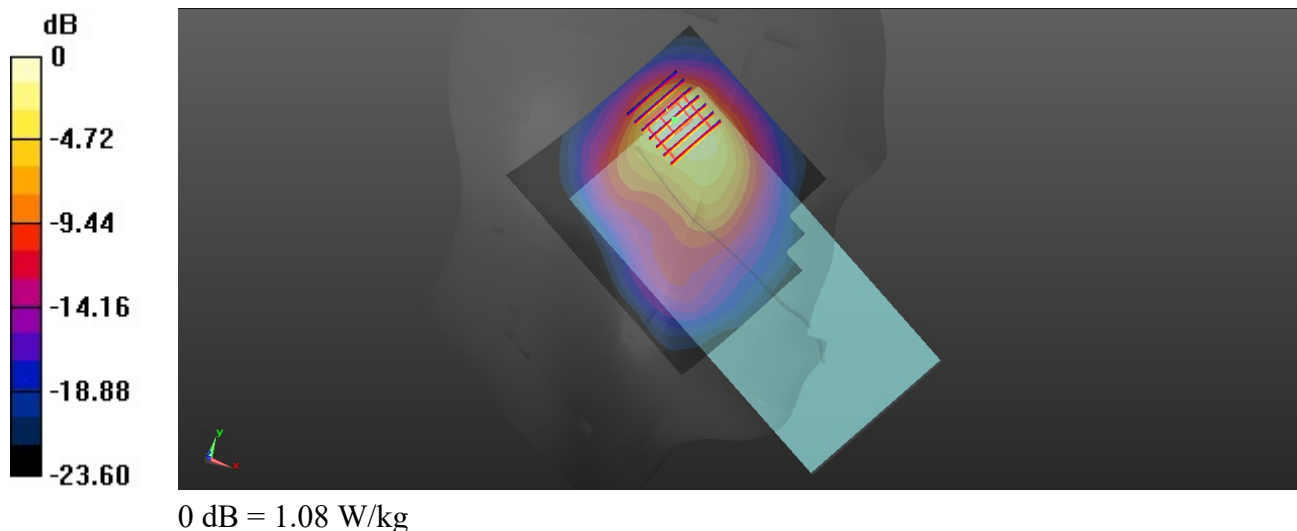
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.74 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.327 W/kg

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



14_WLAN5GHz_802.11n-HT40 MCS0_Left Cheek_Ch54

Communication System: UID 0, WIFI (0); Frequency: 5270 MHz; Duty Cycle: 1:1.038

Medium: HSL_5250_220517 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.682$ S/m; $\epsilon_r = 37.5$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(5.31, 5.31, 5.31); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch54/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.62 W/kg

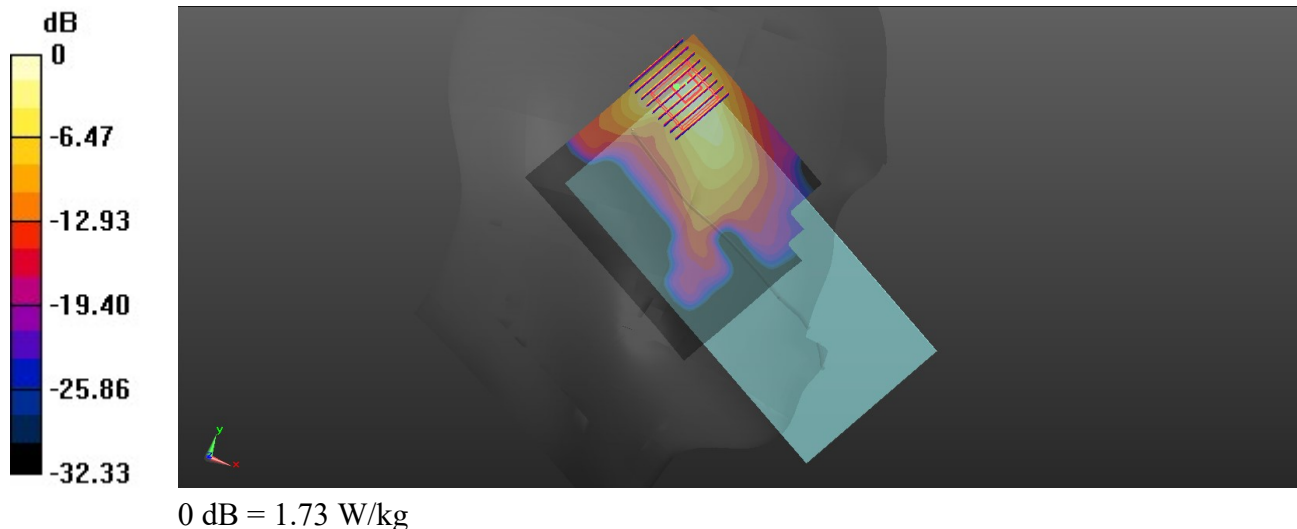
Ch54/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.384 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 0.734 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



15_WLAN5GHz_802.11ac-VHT80 MCS0_Left Tilted_Ch138

Communication System: UID 0, WIFI (0); Frequency: 5690 MHz; Duty Cycle: 1:1.079

Medium: HSL_5600_220518 Medium parameters used: $f = 5690$ MHz; $\sigma = 5.166$ S/m; $\epsilon_r = 36.77$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.82, 4.82, 4.82); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch138/Area Scan (101x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.16 W/kg

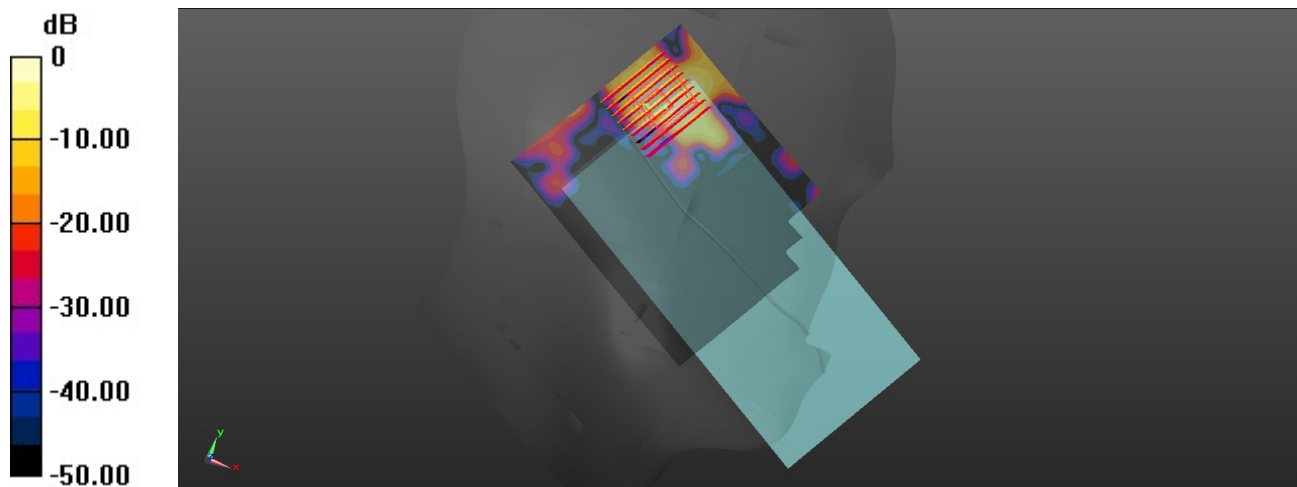
Ch138/Zoom Scan (10x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.314 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg

16_WLAN5GHz_802.11ac-VHT80 MCS0_Left Tilted_Ch155

Communication System: UID 0, WIFI (0); Frequency: 5775 MHz; Duty Cycle: 1:1.079

Medium: HSL_5750_220518 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.269$ S/m; $\epsilon_r = 36.614$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.9, 4.9, 4.9); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch155/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

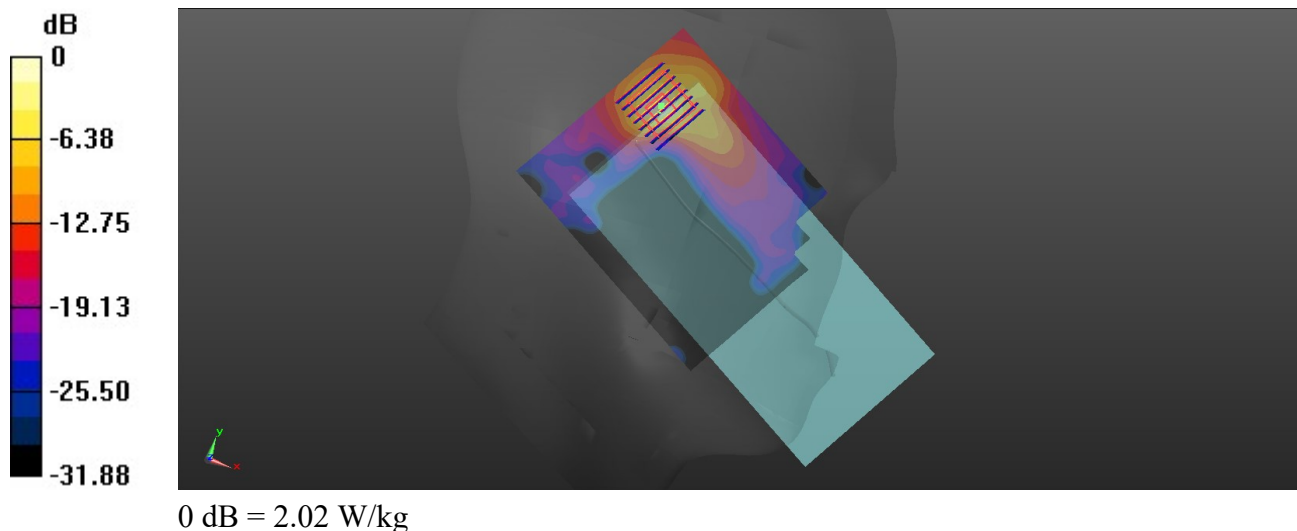
Ch155/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.207 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 3.65 W/kg

SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 2.02 W/kg



17_LTE Band 13_10M_QPSK_1RB_25Offset_Back_5mm_Ch23230

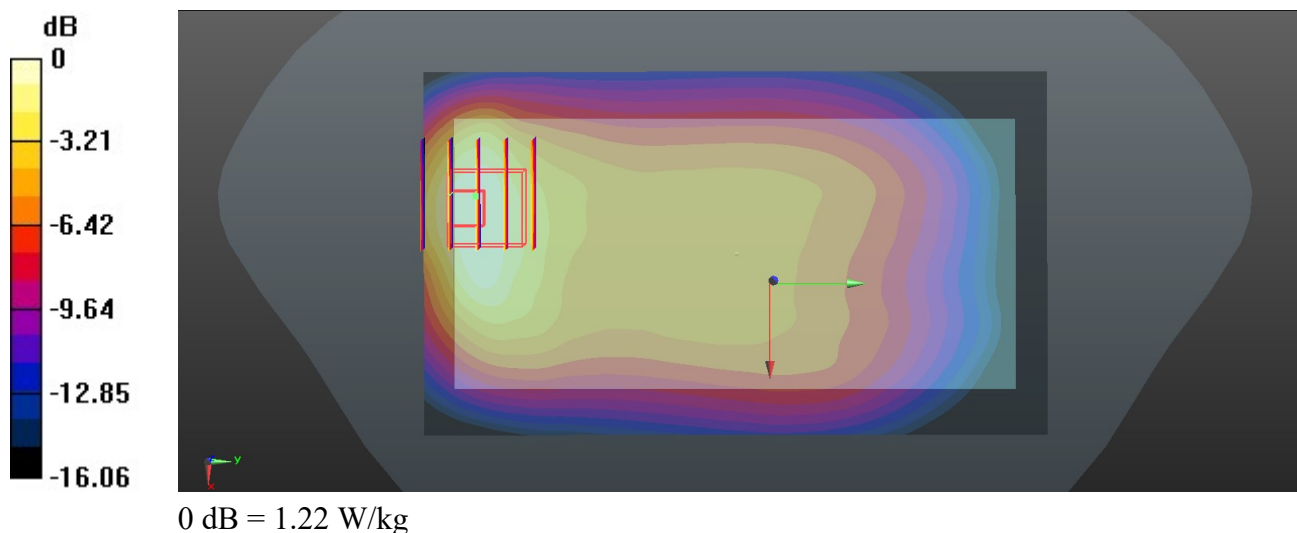
Communication System: UID 0, Generic LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium: HSL_750_220501 Medium parameters used: $f = 782$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 40.018$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(10.04, 10.04, 10.04); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23230/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 22.31 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.488 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



18_GSM850_GPRS(2 Tx slots)_Back_5mm_Ch251

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: HSL_835_220511 Medium parameters used: $f = 849$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.067$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.54, 9.54, 9.54); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch251/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.62 W/kg

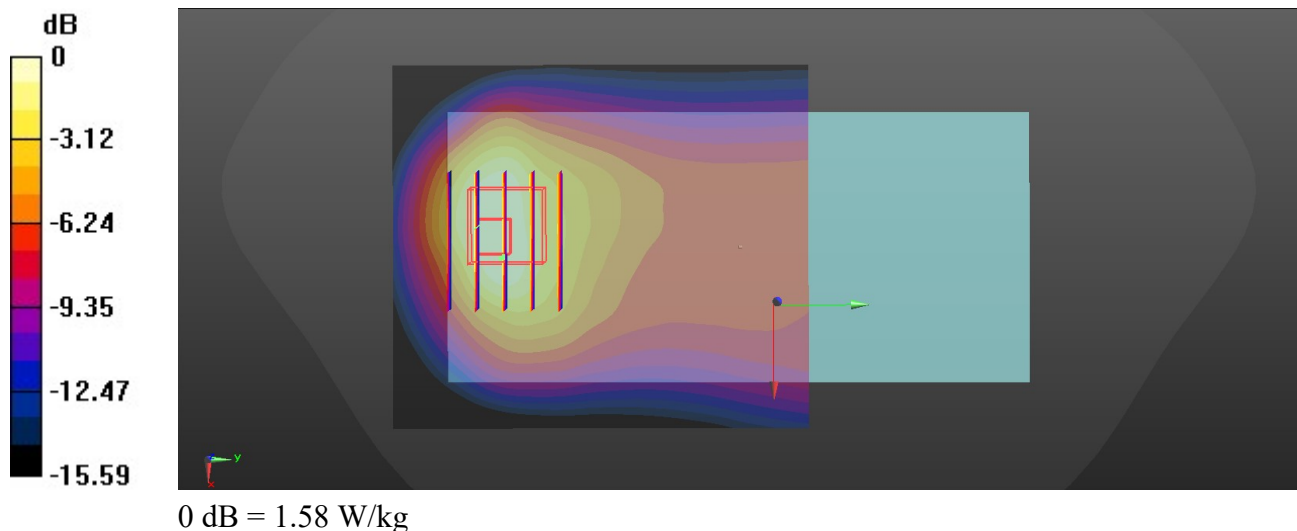
Ch251/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.57 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.617 W/kg

Maximum value of SAR (measured) = 1.58 W/kg



19_WCDMA V_RMC 12.2Kbps_Back_5mm_Ch4132

Communication System: UID 0, Generic WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: HSL_835_220511 Medium parameters used: $f = 826.5$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 40.831$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.54, 9.54, 9.54); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch4132/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

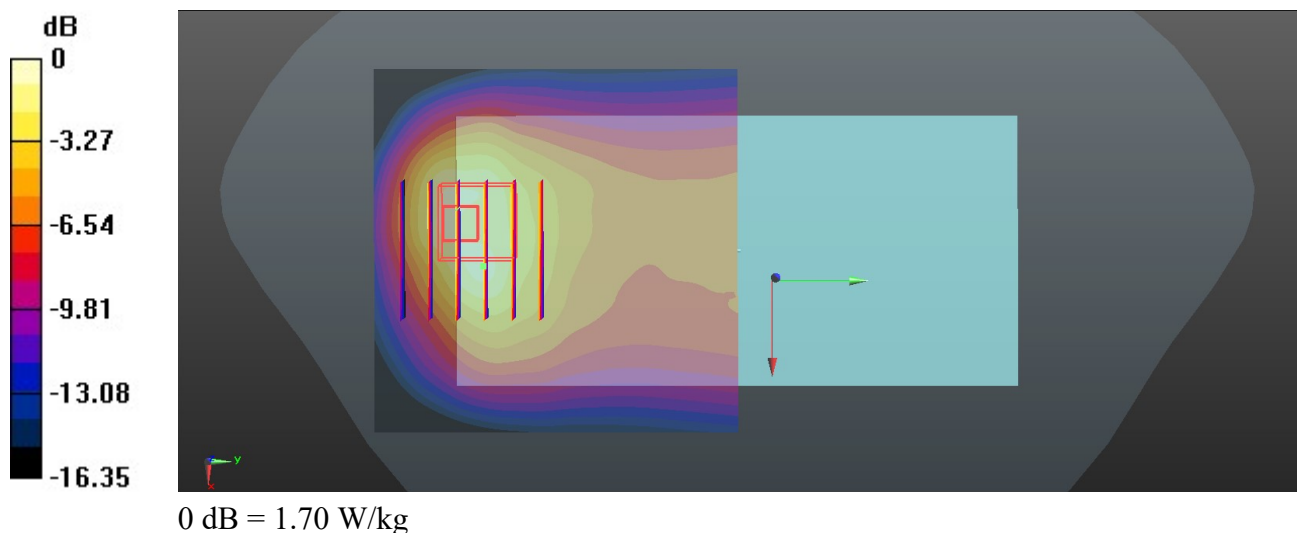
Ch4132/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.74 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.629 W/kg

Maximum value of SAR (measured) = 1.70 W/kg



20_LTE Band 26_15M_QPSK_1RB_37Offset_Back_5mm_Ch26865

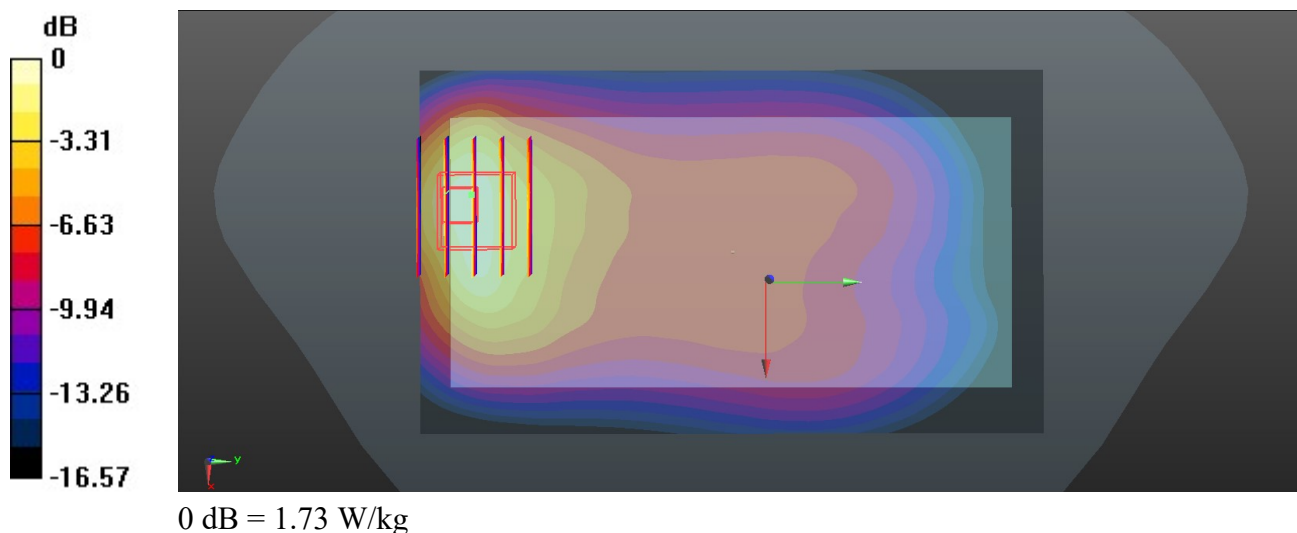
Communication System: UID 0, Generic LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: HSL_835_220511 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 40.782$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.54, 9.54, 9.54); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch26865/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.58 W/kg

Ch26865/Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 20.81 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.45 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.659 W/kg
Maximum value of SAR (measured) = 1.73 W/kg



21_WCDMA IV_RMC 12.2Kbps_Bottom Side_5mm_Ch1312

Communication System: UID 0, UMTS (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL_1750_220511 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 39.881$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(8.38, 8.38, 8.38); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch1312/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.74 W/kg

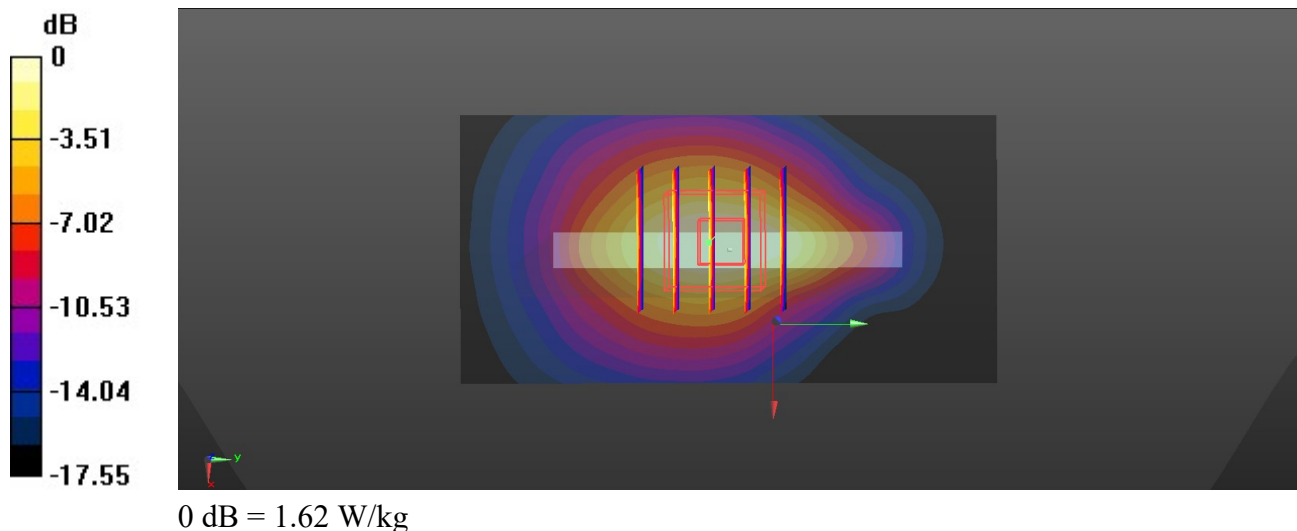
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.61 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.615 W/kg

Maximum value of SAR (measured) = 1.62 W/kg



22_LTE Band 66_20M_QPSK_1RB_49Offset_Bottom Side_5mm_Ch132072

Communication System: UID 0, LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL_1750_220511 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.393$ S/m; $\epsilon_r = 39.862$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(8.38, 8.38, 8.38); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch132072/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

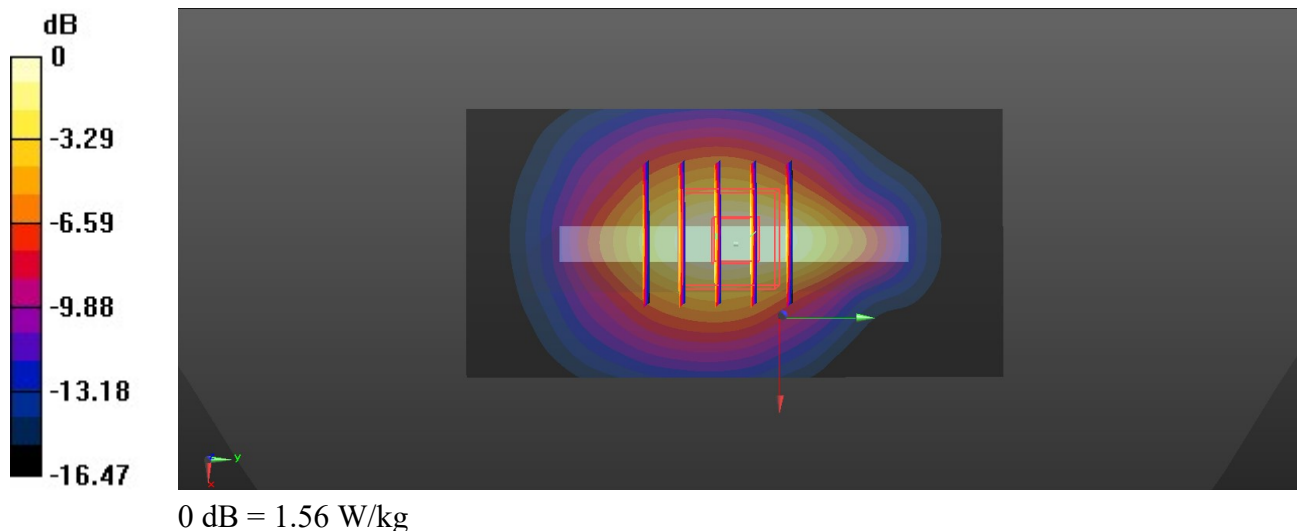
Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.36 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.598 W/kg

Maximum value of SAR (measured) = 1.56 W/kg



23_GSM1900_GPRS(2 Tx slots)_Bottom Side_5mm_Ch810

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium: HSL_1900_220514 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ S/m; $\epsilon_r = 39.182$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.92, 7.92, 7.92); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch810/Area Scan (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.73 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 2.858 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.583 W/kg
Maximum value of SAR (measured) = 1.64 W/kg

