

Appendix B. SAR Plots of SAR Measurement

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

P01 GSM850_GPRS12_Left Cheek_Ch128**DUT: 170730W002**

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: H835_1028 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 41.795$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.74, 9.74, 9.74); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

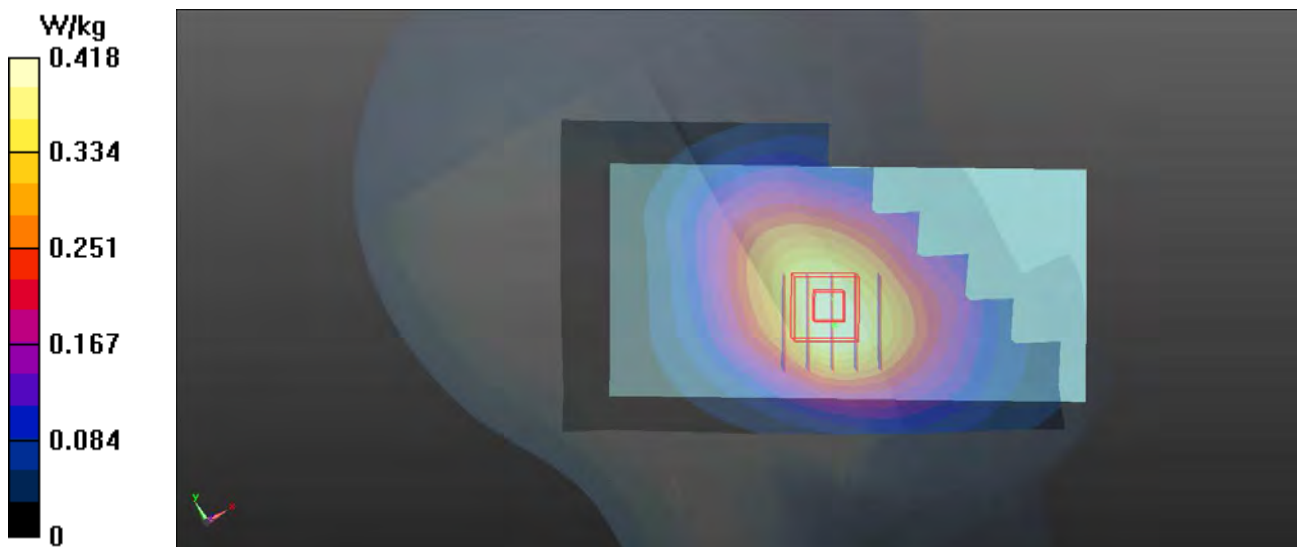
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.182 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.269 W/kg

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



P02 GSM1900_GPRS12_Right Cheek_Ch512**DUT: 170730W002**

Communication System: GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: H1900_1029 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 39.344$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.37, 8.37, 8.37); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.393 W/kg

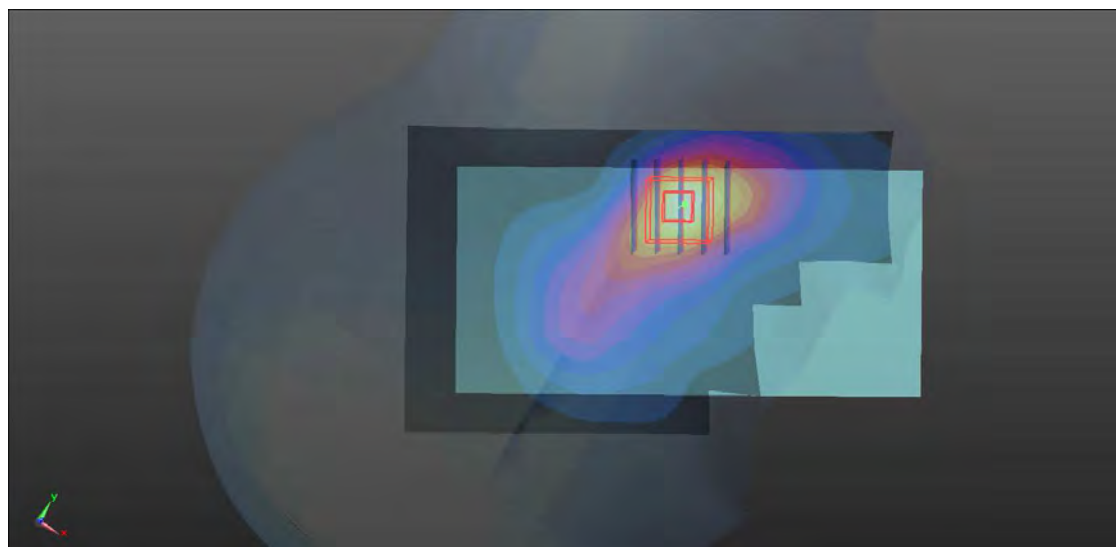
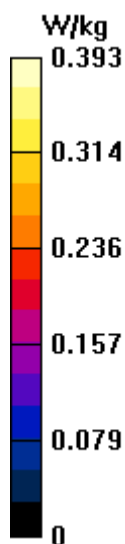
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.377 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.426 W/kg

SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.377 W/kg



P03 WCDMA II_RMC12.2K_Right Cheek_Ch9262**DUT: 170730W002**

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

Medium: H1900_1029 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.4$ S/m; $\epsilon_r = 39.364$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.37, 8.37, 8.37); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.884 W/kg

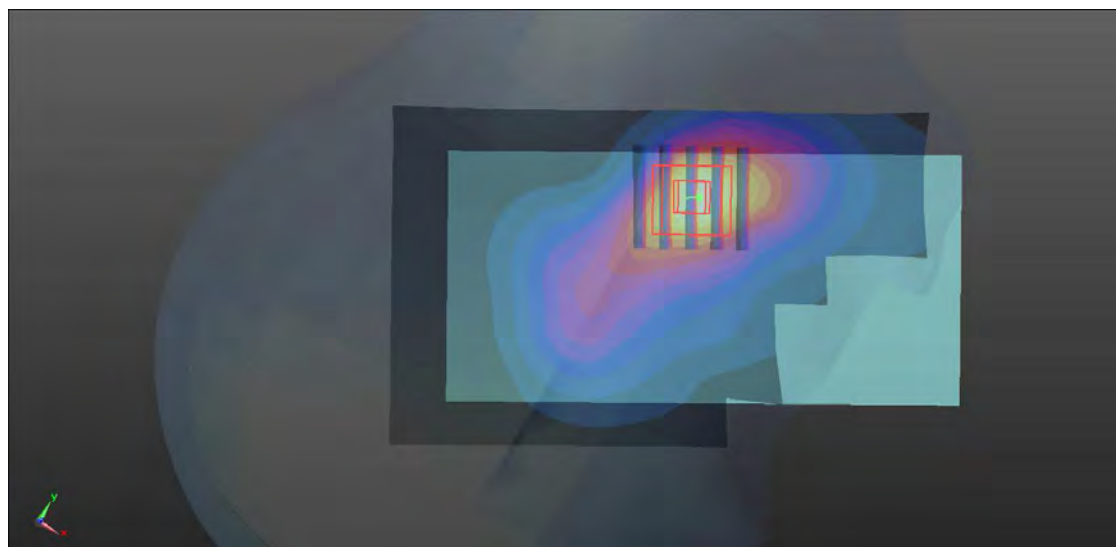
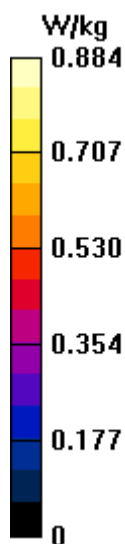
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.003 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.947 W/kg

SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.393 W/kg

Maximum value of SAR (measured) = 0.834 W/kg



P04 WCDMA IV_RMC12.2K_Right Cheek_Ch1513**DUT: 170730W002**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: H1750_1105 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.327$ S/m; $\epsilon_r = 40.756$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.62, 8.62, 8.62); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.791 W/kg

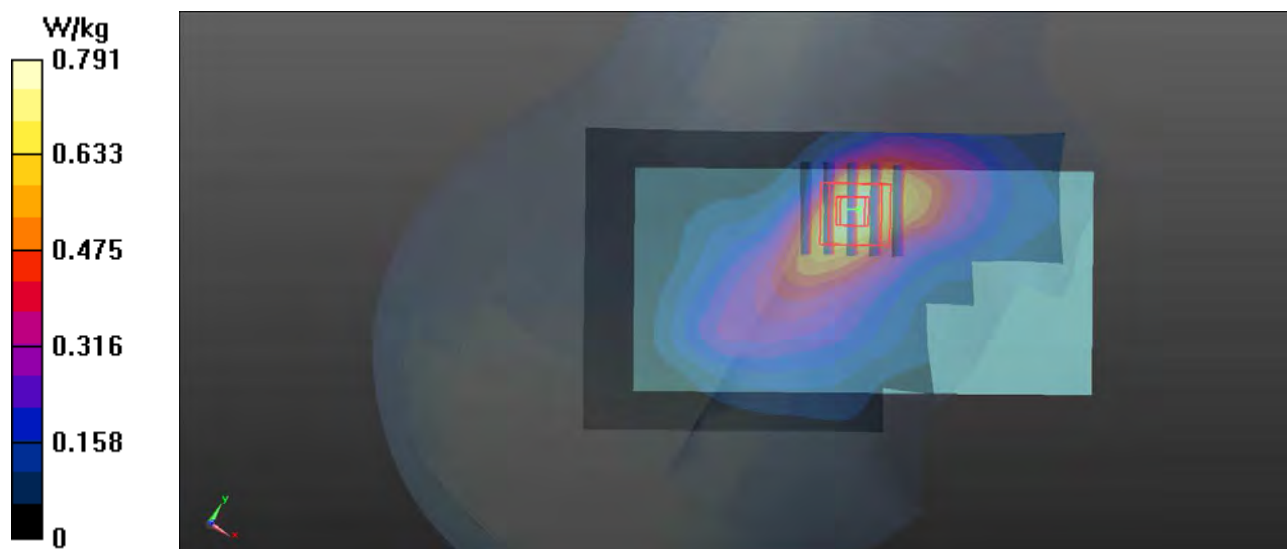
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.548 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.819 W/kg

SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 0.729 W/kg



P05 WCDMA V_RMC12.2K_Left Cheek_Ch4132**DUT: 170730W002**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: H835_1028 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.874$ S/m; $\epsilon_r = 41.908$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.74, 9.74, 9.74); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.358 W/kg

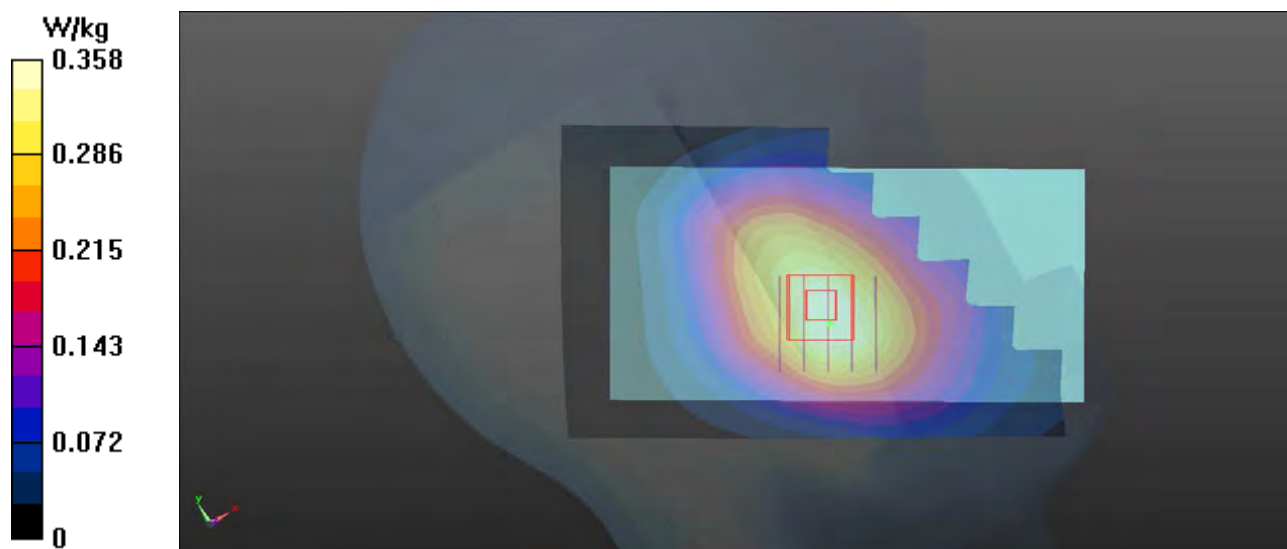
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.327 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.239 W/kg

Maximum value of SAR (measured) = 0.353 W/kg



P06 CDMA BC0_RC3 SO55_Left Cheek_Ch1013**DUT: 170730W002**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: H850_1028 Medium parameters used: $f = 825$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 42.023$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.74, 9.74, 9.74); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (51x91x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.403 W/kg

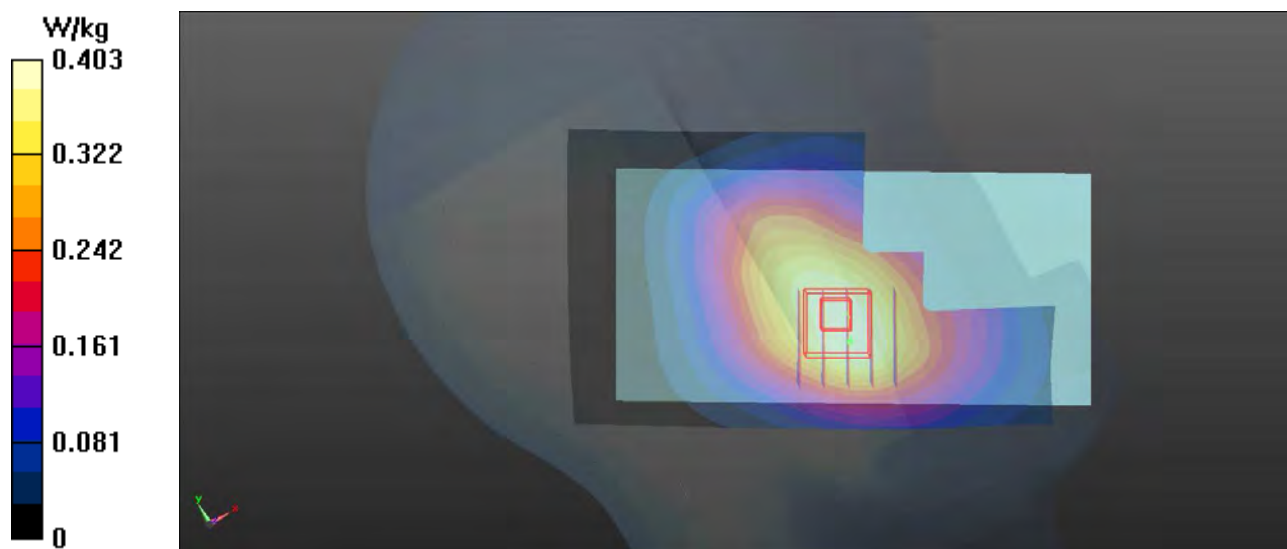
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.311 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.273 W/kg

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



P07 CDMA BC1_RC3 SO55_Right Cheek_Ch25**DUT: 170730W002**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: H1900_1029 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.4$ S/m; $\epsilon_r = 39.353$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.37, 8.37, 8.37); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.969 W/kg

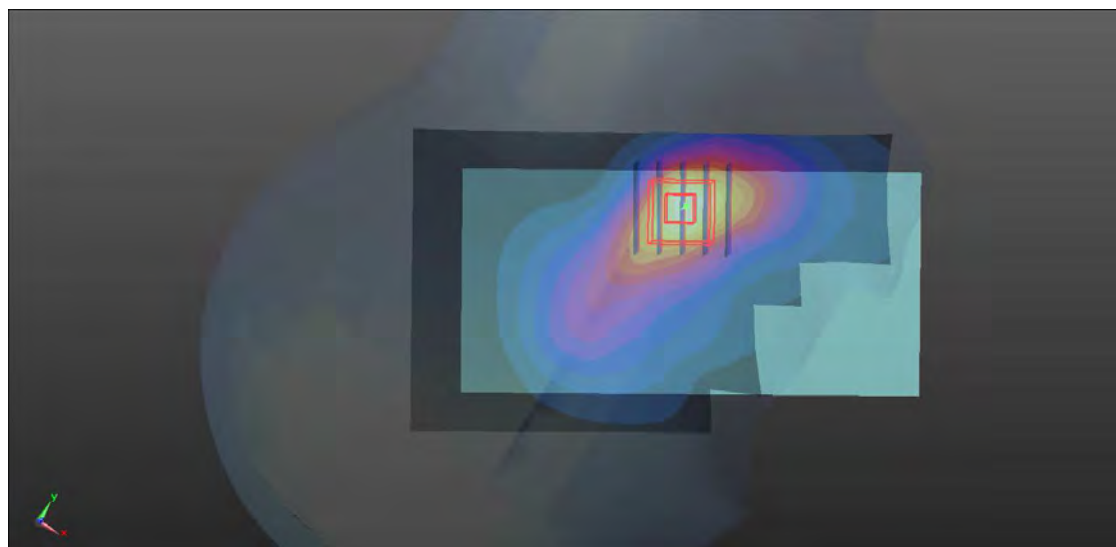
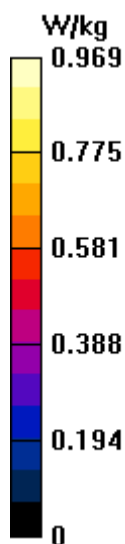
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.556 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.432 W/kg

Maximum value of SAR (measured) = 0.929 W/kg



P08 CDMA BC10_RC3 SO55_Left Cheek_Ch476**DUT: 170730W002**

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: H835_1028 Medium parameters used: $f = 818$ MHz; $\sigma = 0.866$ S/m; $\epsilon_r = 42.01$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.74, 9.74, 9.74); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.414 W/kg

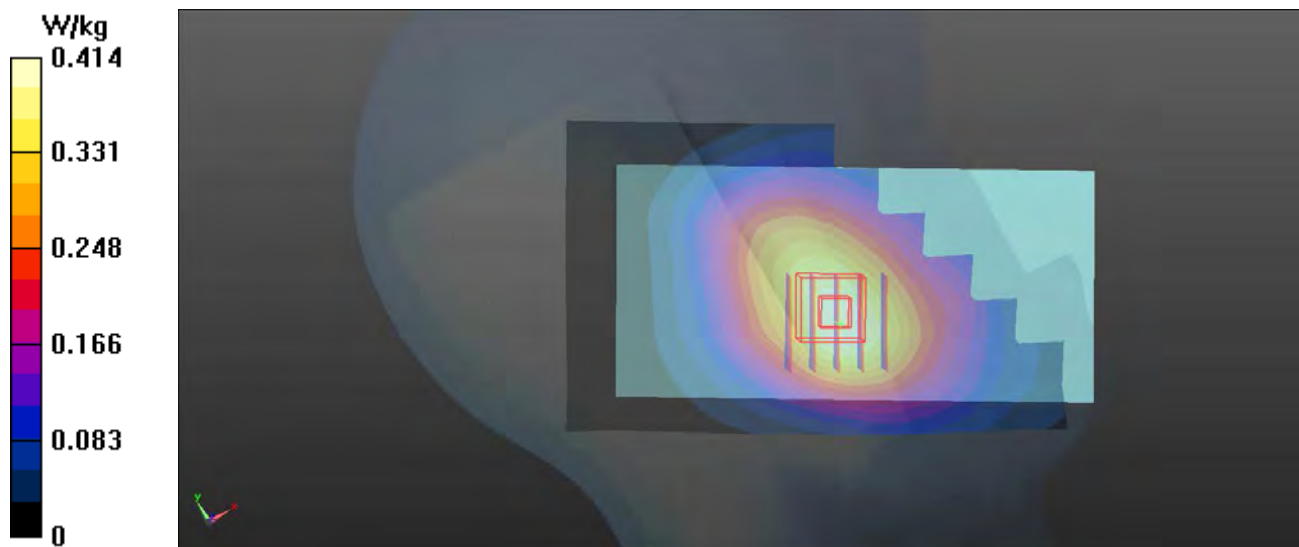
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.231 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.270 W/kg

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



P09 LTE 2_QPSK20M_Right Cheek_Ch18700_1RB_OS0**DUT: 170730W002**

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

Medium: H1900_1029 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.436$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.37, 8.37, 8.37); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.851 W/kg

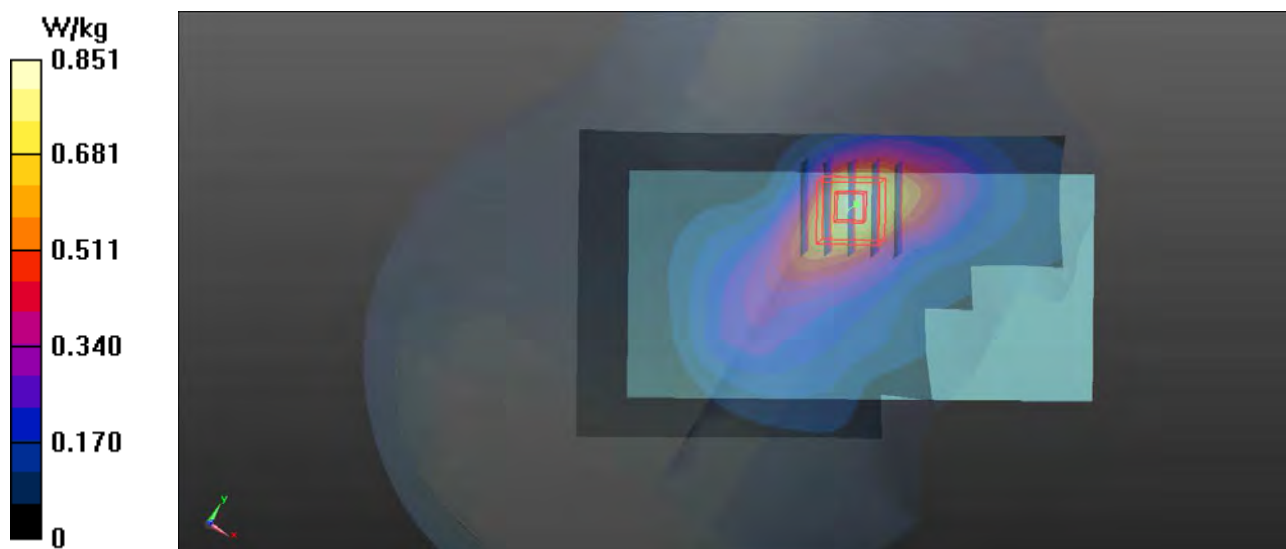
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.541 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.905 W/kg

SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.376 W/kg

Maximum value of SAR (measured) = 0.802 W/kg



P10 LTE 4_QPSK20M_Right Cheek_Ch20050_1RB_OS0**DUT: 170730W002**

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

Medium: H1750_1105 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 40.806$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.62, 8.62, 8.62); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.693 W/kg

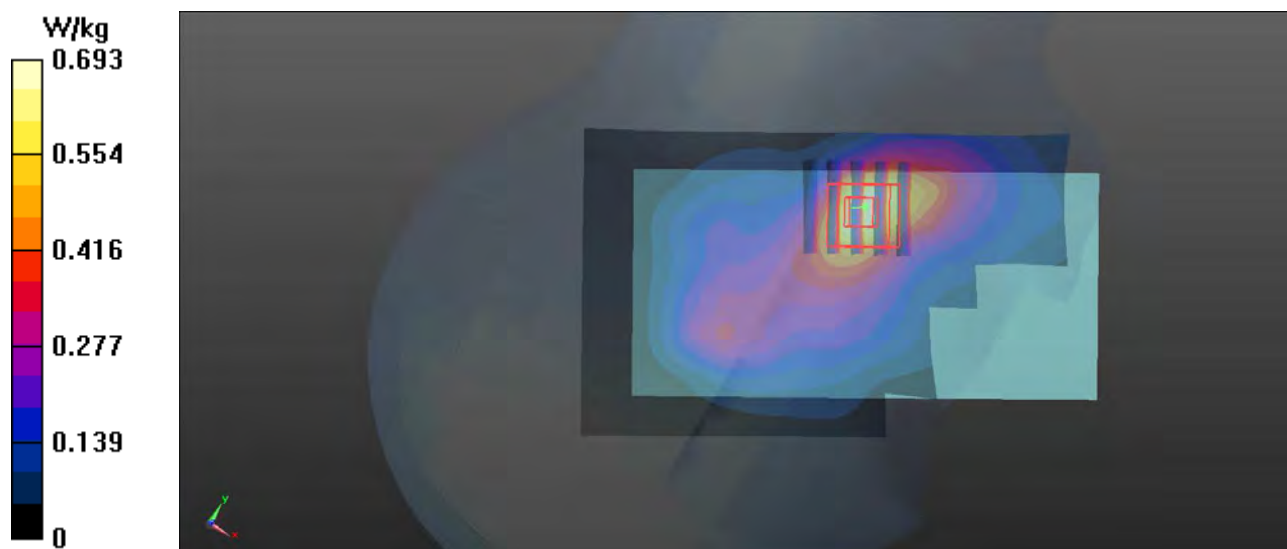
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.433 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.730 W/kg

SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.326 W/kg

Maximum value of SAR (measured) = 0.657 W/kg



P11 LTE 5_QPSK10M_Left Cheek_Ch20525_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: H835_1028 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 41.794$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.74, 9.74, 9.74); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (51x91x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.290 W/kg

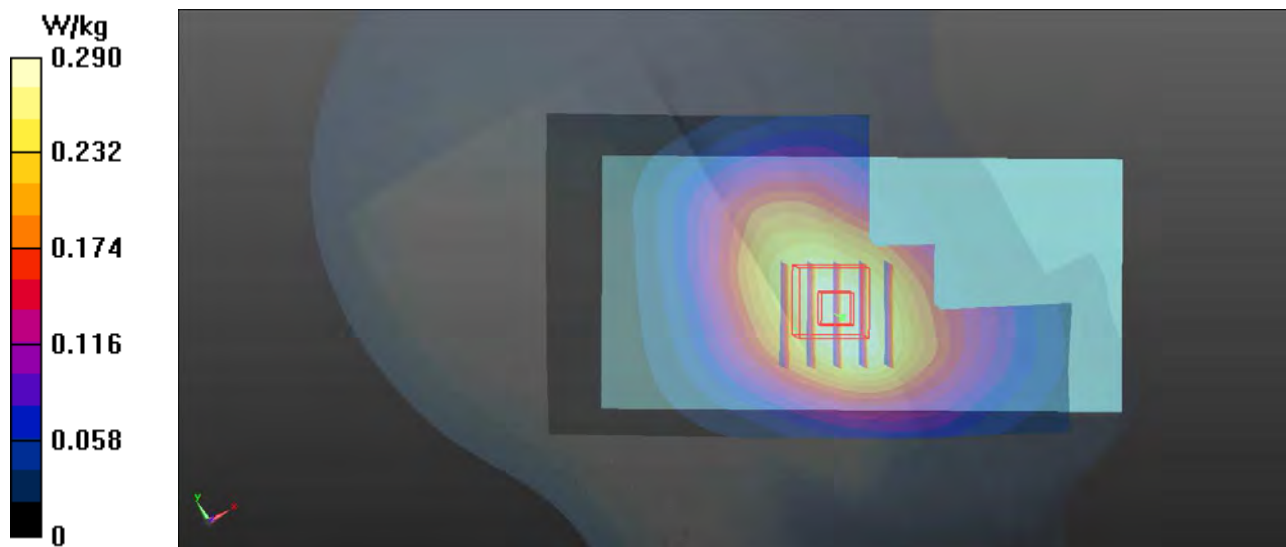
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.366 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.315 W/kg

SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.197 W/kg

Maximum value of SAR (measured) = 0.298 W/kg



P12 LTE 7_QPSK20M_Left Cheek_Ch21350_1RB_OS0**DUT: 170730W002**

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

Medium: H2600_1103 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.009$ S/m; $\epsilon_r = 37.783$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.17, 7.17, 7.17); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.510 W/kg

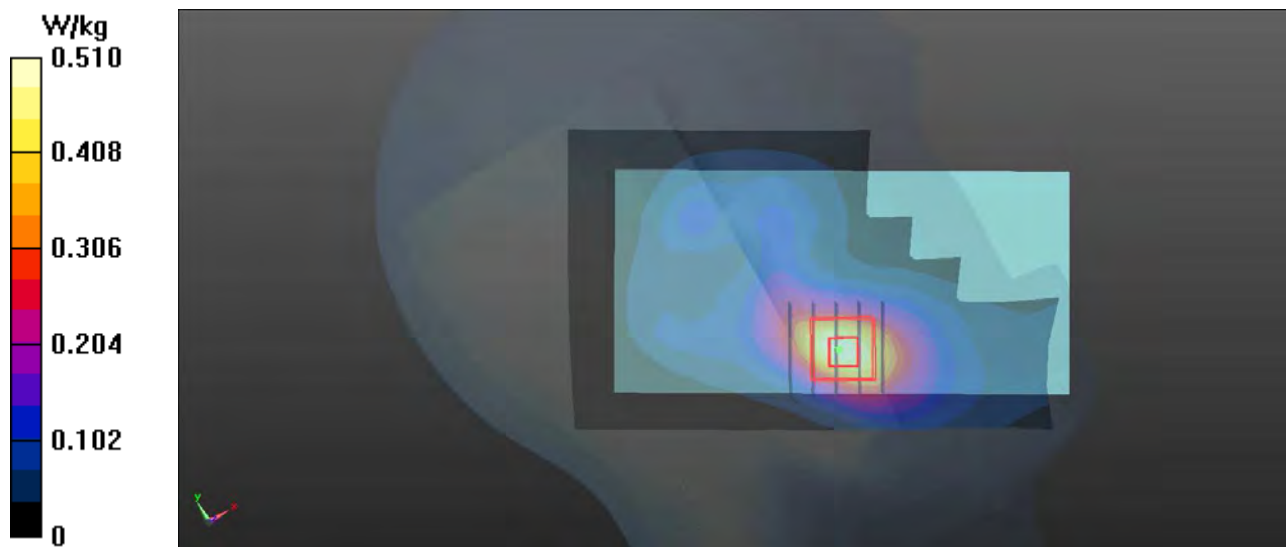
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.394 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.630 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.515 W/kg



P13 LTE 12_QPSK10M_Right Cheek_Ch23130_1RB_OS0**DUT: 170730W002**

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

Medium: H750_1104 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.857 \text{ S/m}$; $\epsilon_r = 42.067$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(10.08, 10.08, 10.08); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.223 W/kg

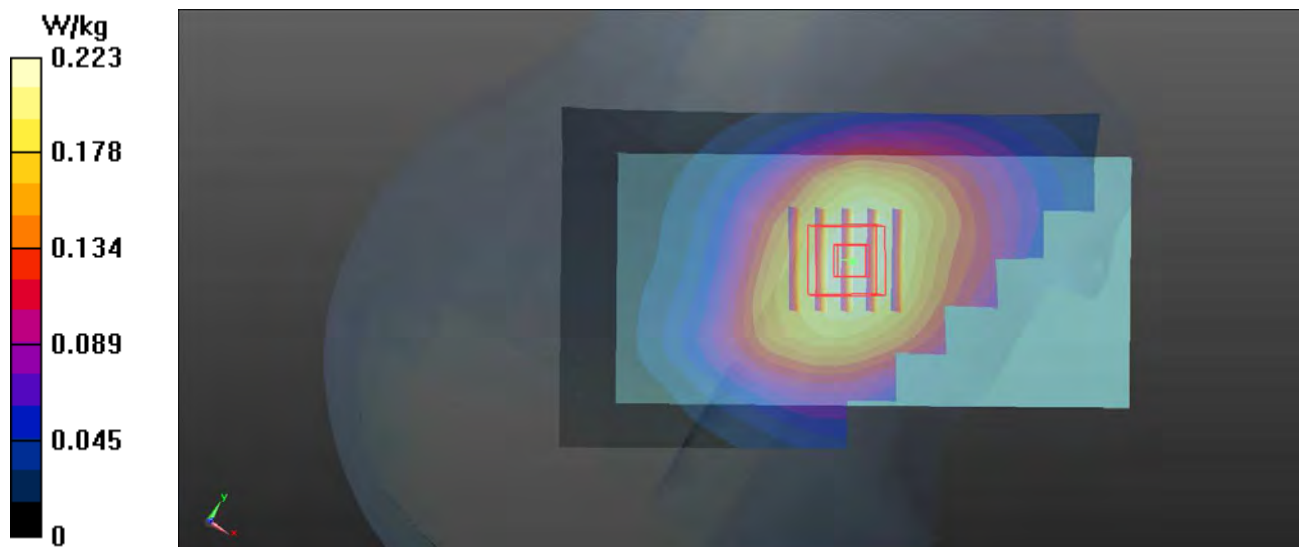
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.033 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.231 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.164 W/kg

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



P14 LTE 13_QPSK10M_Left Cheek_Ch23230_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: H750_1104 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 41.385$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(10.08, 10.08, 10.08); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.214 W/kg

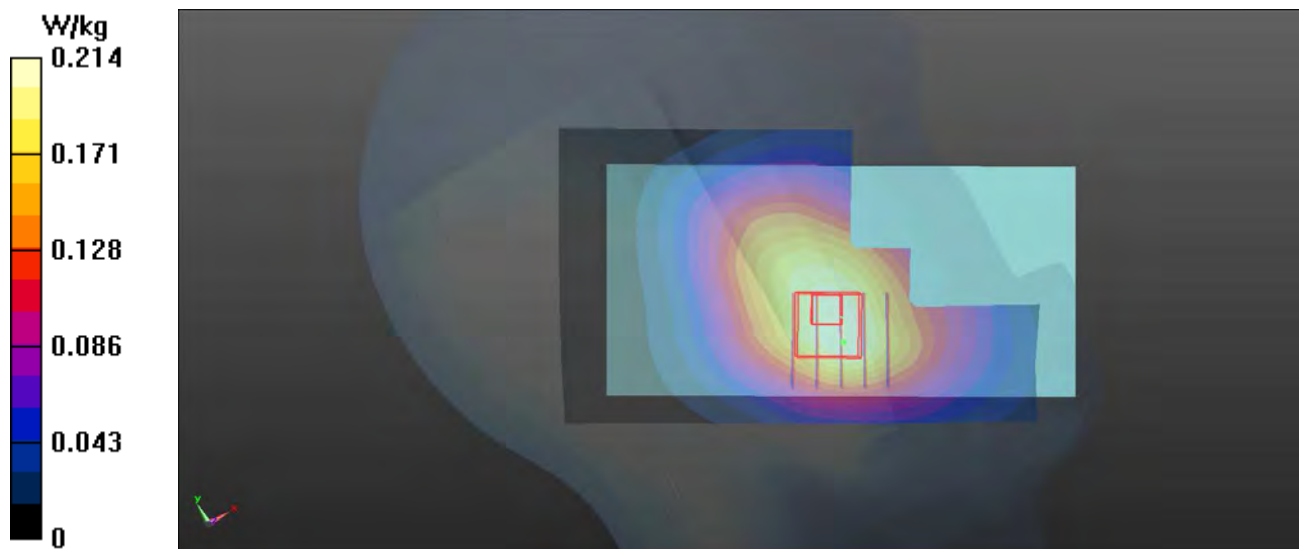
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.755 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.190 W/kg ; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.212 W/kg



P15 LTE 14_QPSK10M_Left Cheek_Ch23330_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: H750_1104 Medium parameters used: $f = 793$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 41.272$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(10.08, 10.08, 10.08); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.236 W/kg

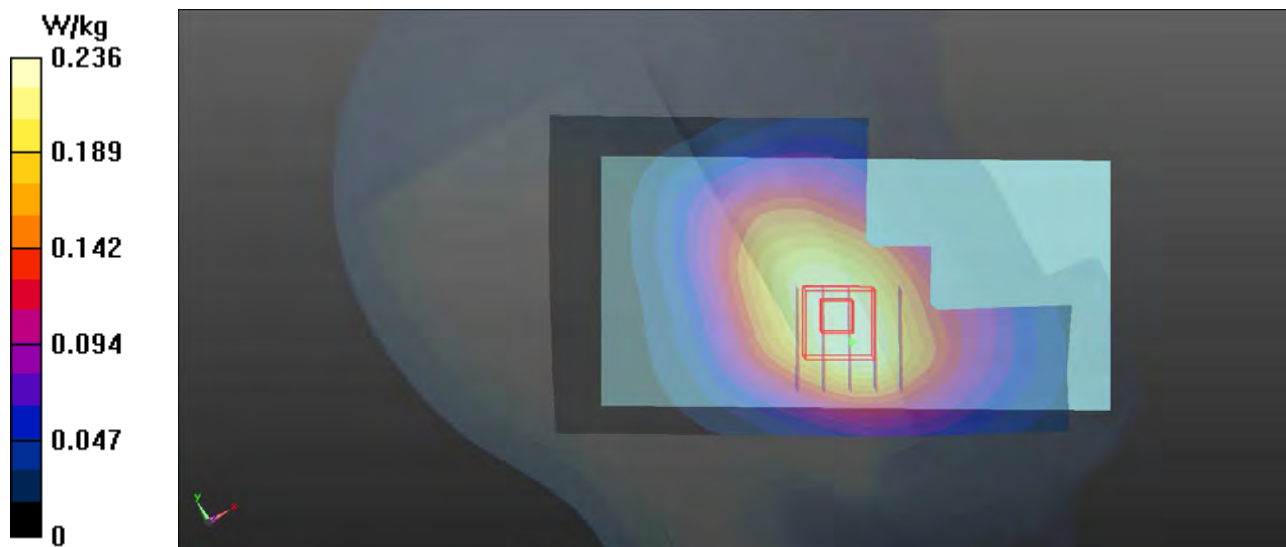
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.896 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.236 W/kg



P16 LTE 25_QPSK20M_Right Cheek_Ch26365_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: H1900_1029 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 39.618$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.37, 8.37, 8.37); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.775 W/kg

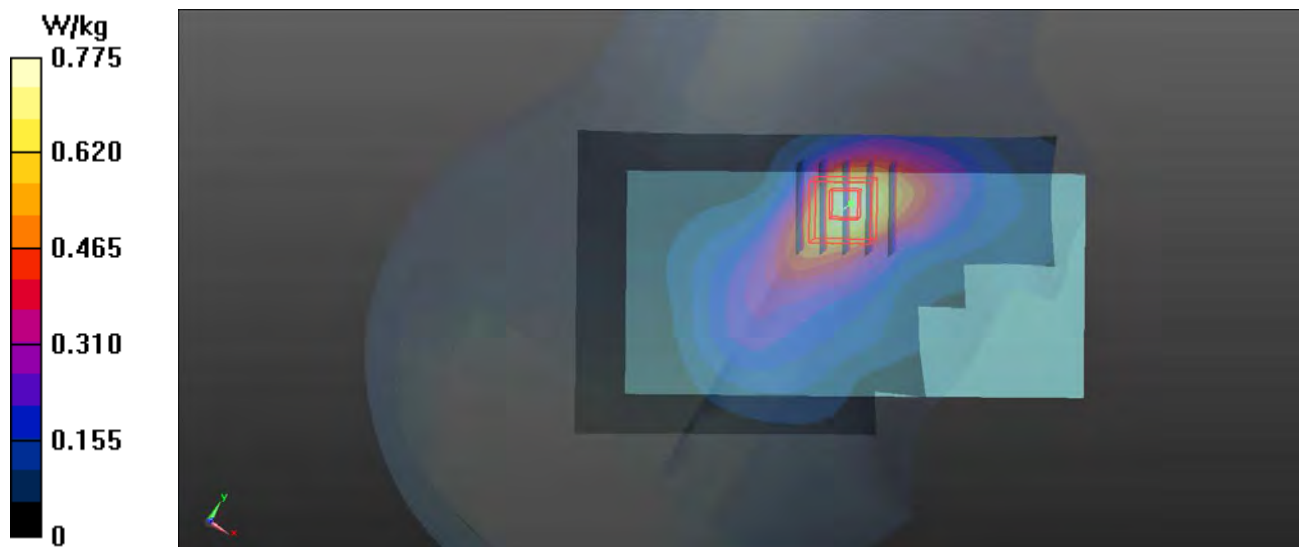
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.392 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.831 W/kg

SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.340 W/kg

Maximum value of SAR (measured) = 0.733 W/kg



P17 LTE 26_QPSK15M_Left Cheek_Ch26865_1RB_OS0**DUT: 170730W002**

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

Medium: H835_1028 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 41.851$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.74, 9.74, 9.74); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

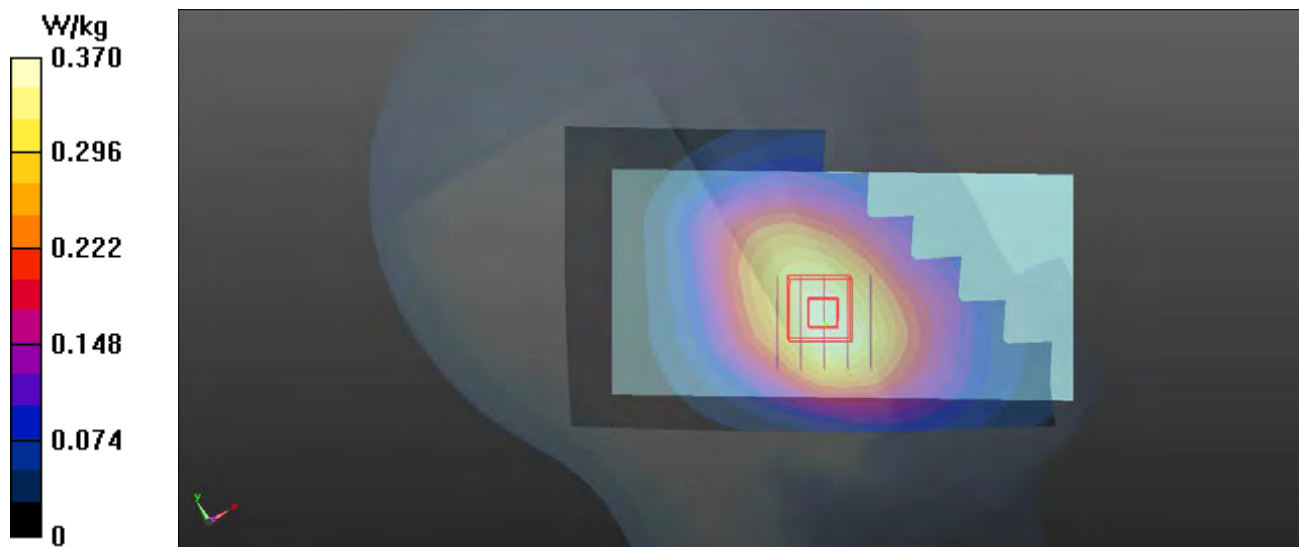
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.017 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.244 W/kg

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



P18 LTE 30_QPSK10M_Left Cheek_Ch27710_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: H2300_1103 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.679$ S/m; $\epsilon_r = 38.745$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.85, 7.85, 7.85); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.625 W/kg

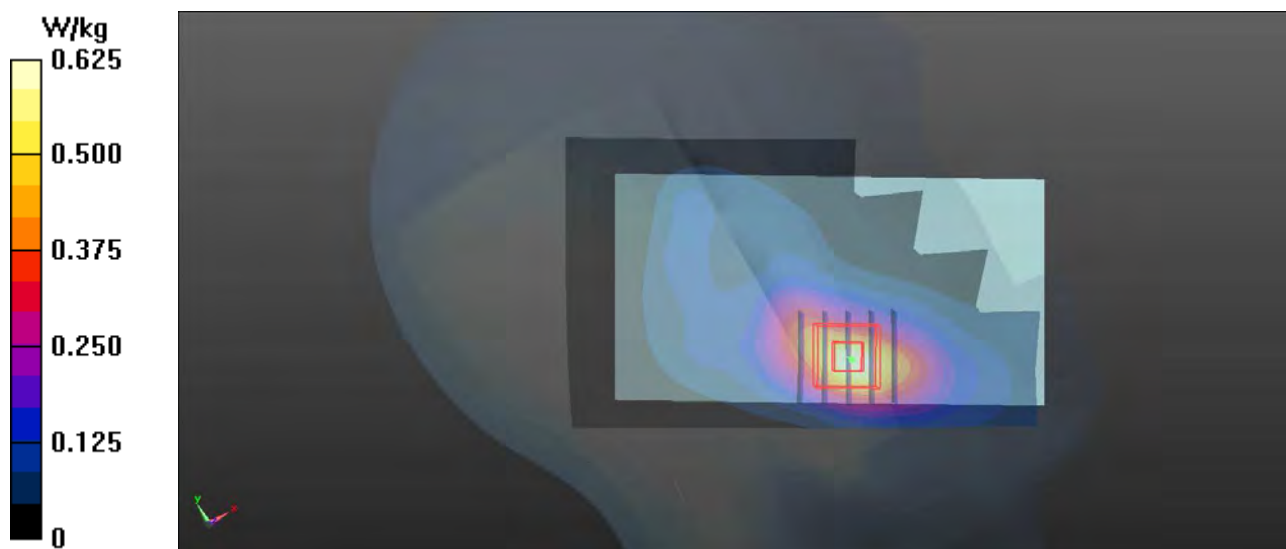
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.283 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.735 W/kg

SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 0.620 W/kg



P19 LTE 38_QPSK20M_Left Cheek_Ch38150_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.58

Medium: H2600_1103 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.153$ S/m; $\epsilon_r = 37.299$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.17, 7.17, 7.17); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.311 W/kg

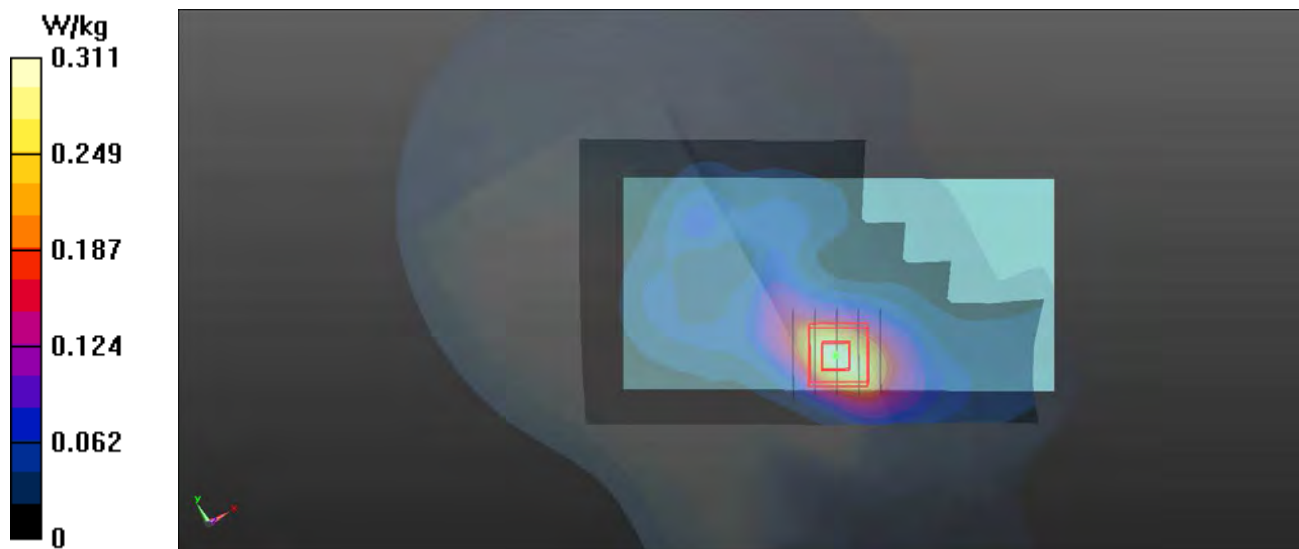
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.644 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.102 W/kg

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



P20 LTE 40_QPSK10M_Left Cheek_Ch38750_1RB_OS0**DUT: 170730W001**

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1.58

Medium: H2300_1103 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.679$ S/m; $\epsilon_r = 38.745$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.85, 7.85, 7.85); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.627 W/kg

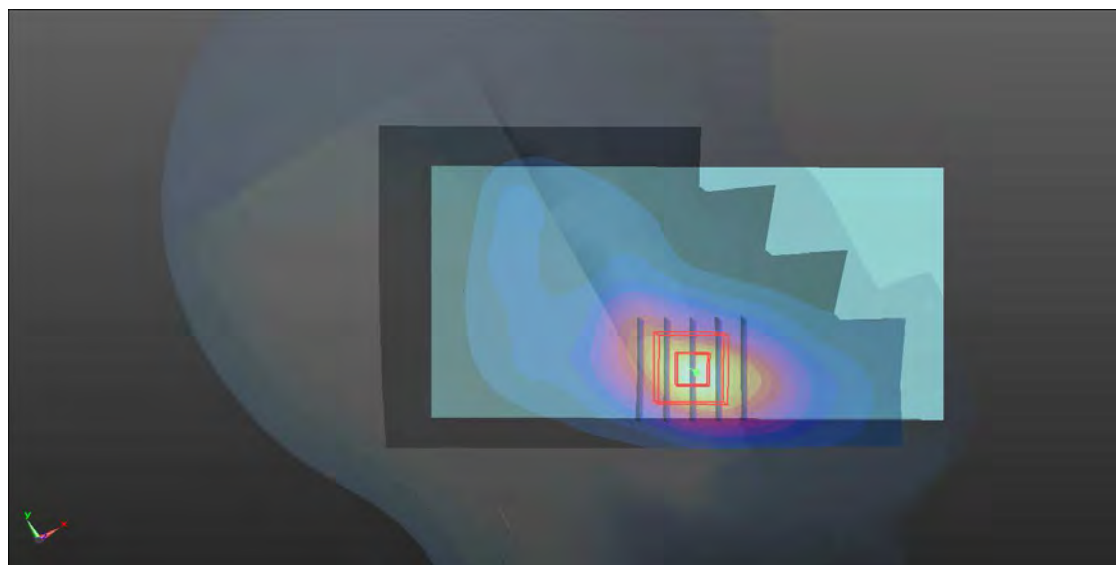
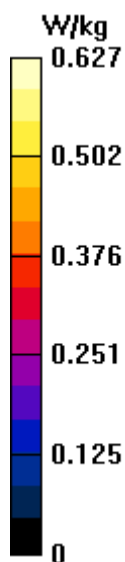
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.284 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.738 W/kg

SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.622 W/kg



P21 LTE 41_QPSK20M_Left Cheek_Ch41490_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.58

Medium: H2600_1103 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.153$ S/m; $\epsilon_r = 37.299$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.17, 7.17, 7.17); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.326 W/kg

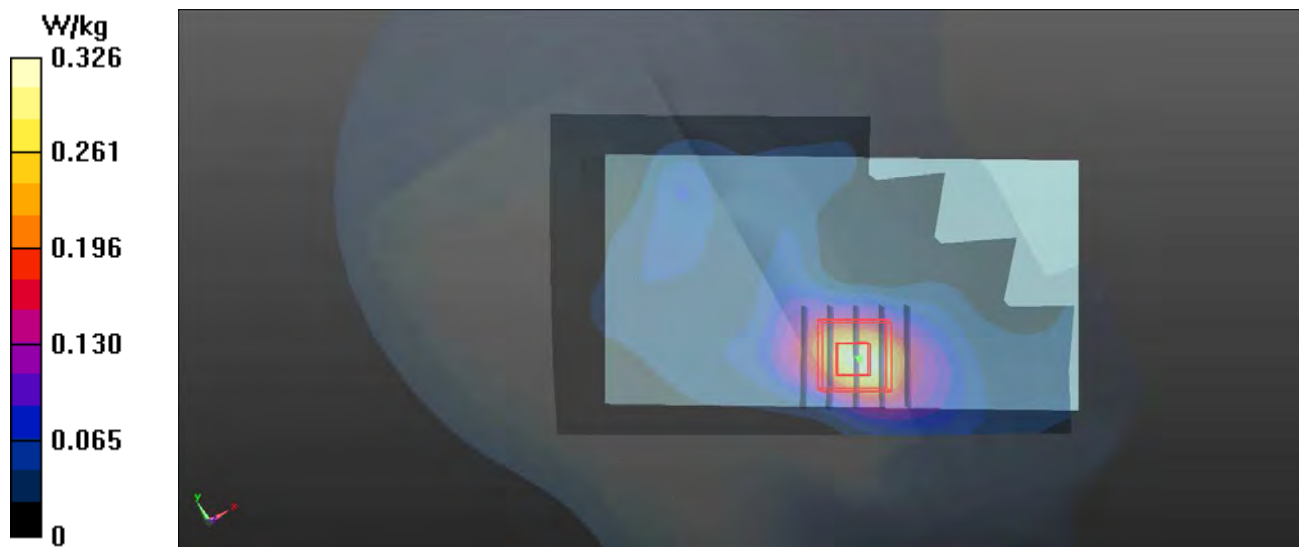
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.959 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.322 W/kg



P22 LTE 66_QPSK20M_Right Cheek_Ch132572_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: H1750_1105 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 40.674$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.62, 8.62, 8.62); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.740 W/kg

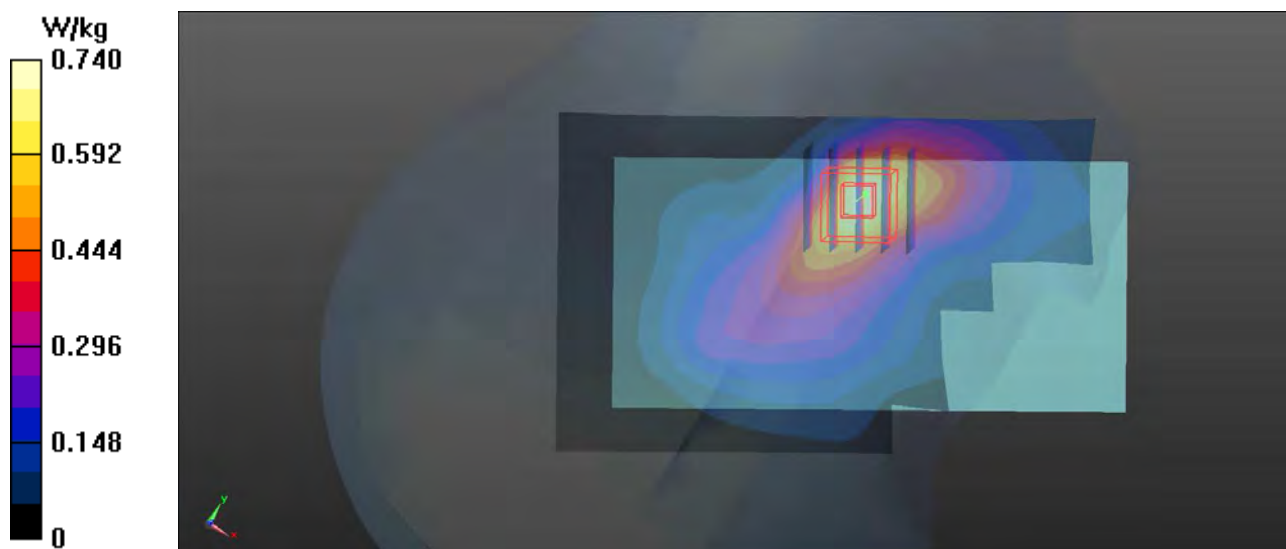
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.987 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.344 W/kg

Maximum value of SAR (measured) = 0.692 W/kg



P23 802.11b_Right Cheek_Ch1**DUT: 170730W002**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_1111 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.757$ S/m; $\epsilon_r = 38.368$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.36, 7.36, 7.36); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.00 mm

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

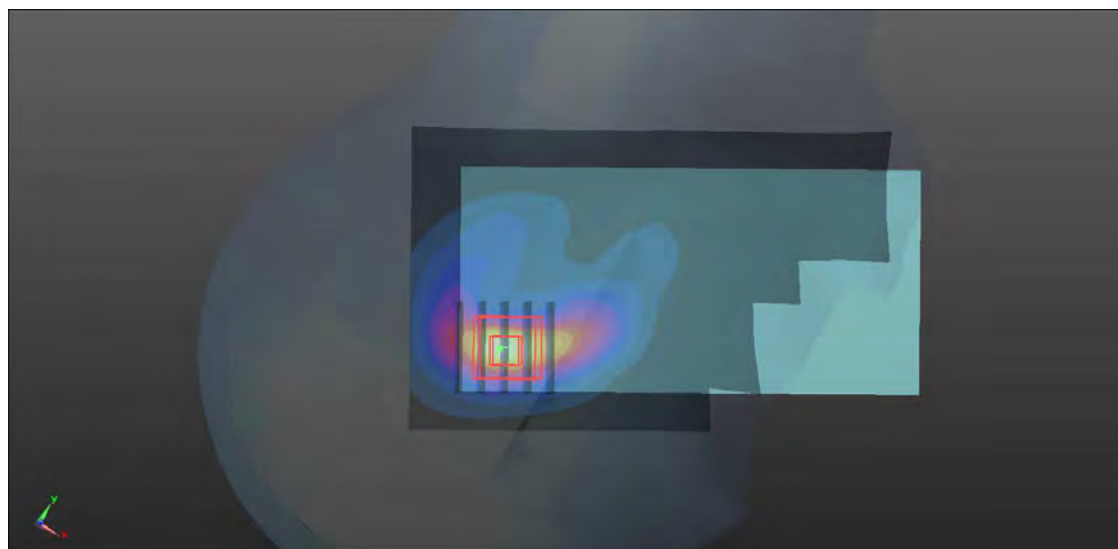
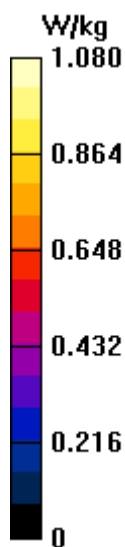
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.439 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



P24 802.11a_Right Cheek_Ch48**DUT: 170730W002**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: H5G_1128 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.733$ S/m; $\epsilon_r = 36.906$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(5.04, 5.04, 5.04); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (111x81x1):** Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.89 W/kg

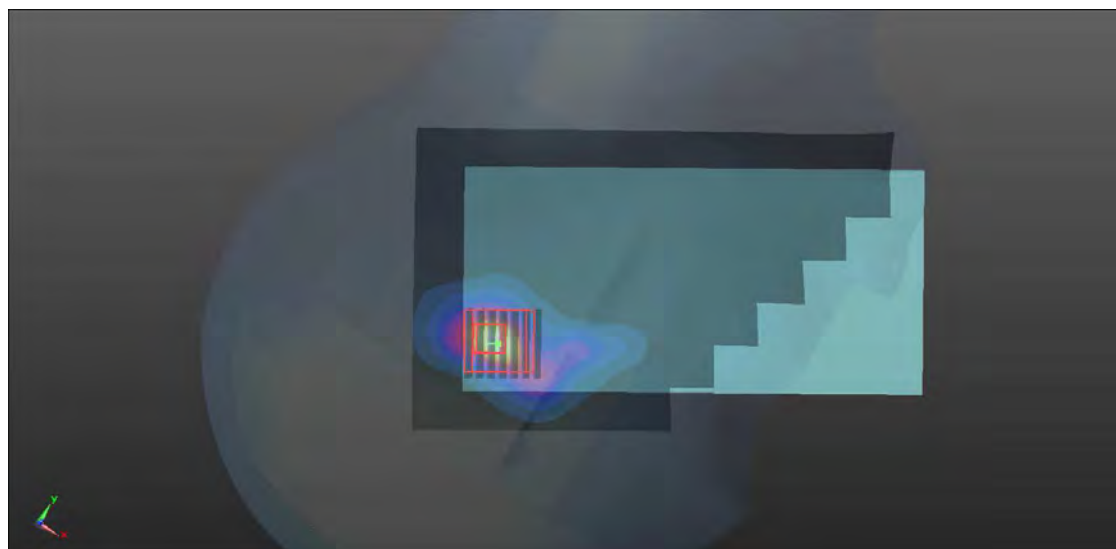
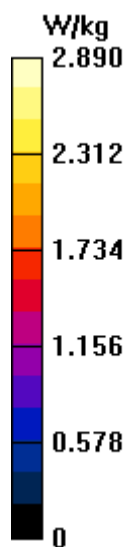
- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 5.392 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.84 W/kg

SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.396 W/kg

Maximum value of SAR (measured) = 2.79 W/kg



P25 802.11n_HT20_Right Cheek_Ch60**DUT: 170730W002**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: H5G_1127 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.81$ S/m; $\epsilon_r = 36.791$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(5.04, 5.04, 5.04); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (111x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.15 W/kg

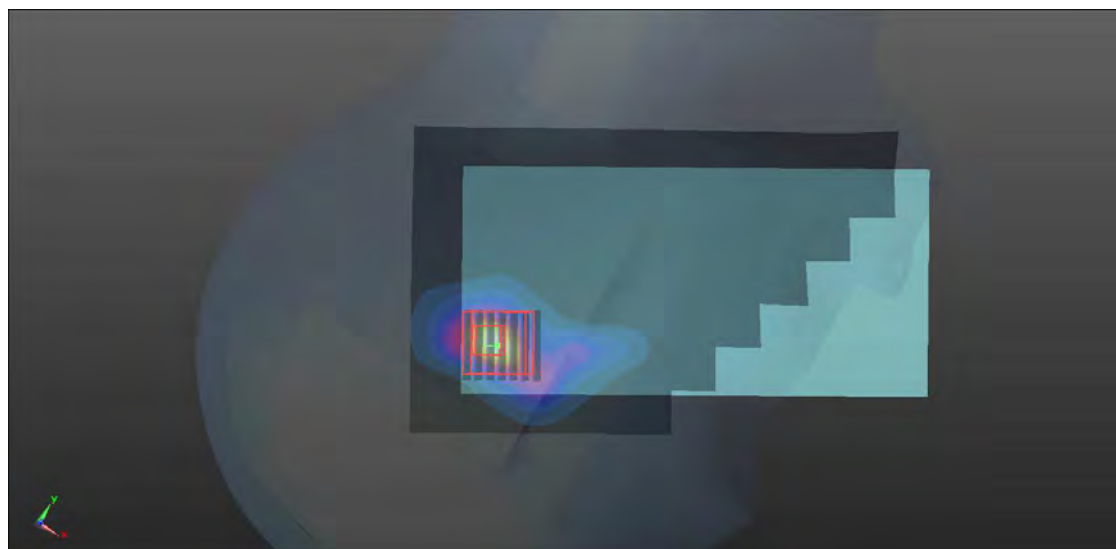
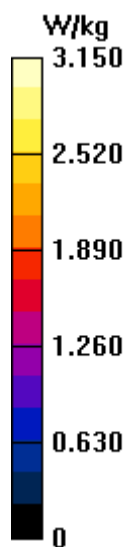
- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.652 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 5.37 W/kg

SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.439 W/kg

Maximum value of SAR (measured) = 3.14 W/kg



P26 802.11n_HT40_Right Cheek_Ch102**DUT: 170730W002**

Communication System: 802.11n; Frequency: 5510 MHz; Duty Cycle: 1:1

Medium: H5G_1127 Medium parameters used: $f = 5510$ MHz; $\sigma = 5.072$ S/m; $\epsilon_r = 36.351$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.66, 4.66, 4.66); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (111x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.78 W/kg

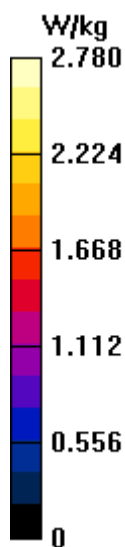
- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.266 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.53 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.360 W/kg

Maximum value of SAR (measured) = 2.65 W/kg



P27 802.11n_HT40_Right Cheek_Ch159**DUT: 170730W002**

Communication System: 802.11n; Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: H5G_1128 Medium parameters used: $f = 5795$ MHz; $\sigma = 5.412$ S/m; $\epsilon_r = 35.701$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.7, 4.7, 4.7); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (111x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.24 W/kg

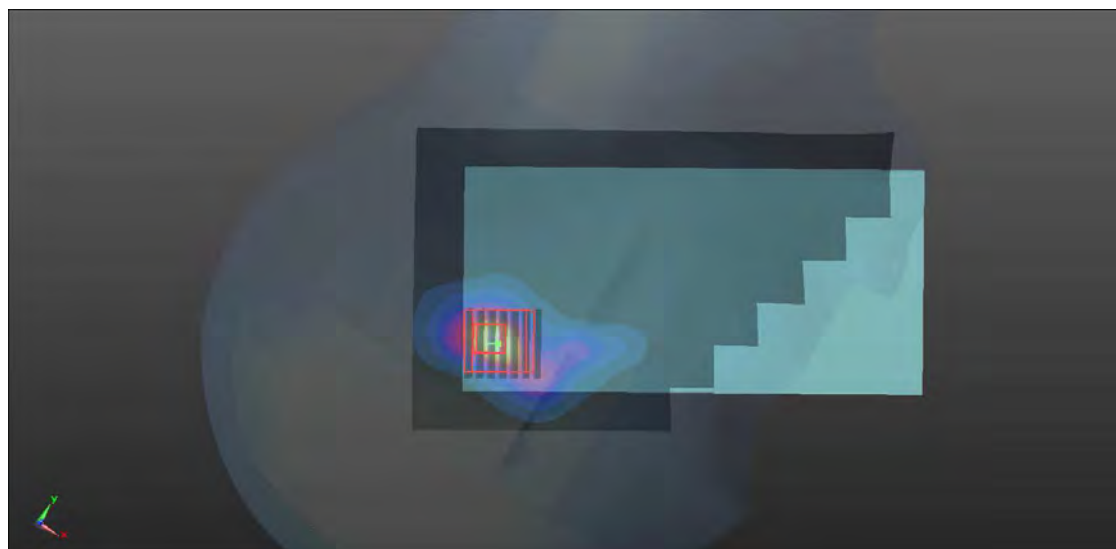
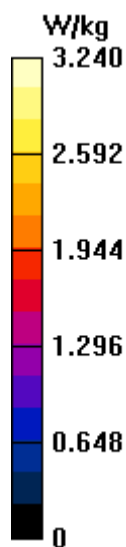
- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.682 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 5.37 W/kg

SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.415 W/kg

Maximum value of SAR (measured) = 3.10 W/kg



P28 BT_GFSK_Right Cheek_Ch39**DUT: 170730W002**

Communication System: BT; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: H2450_1111 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.785$ S/m; $\epsilon_r = 38.856$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.36, 7.36, 7.36); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0997 W/kg

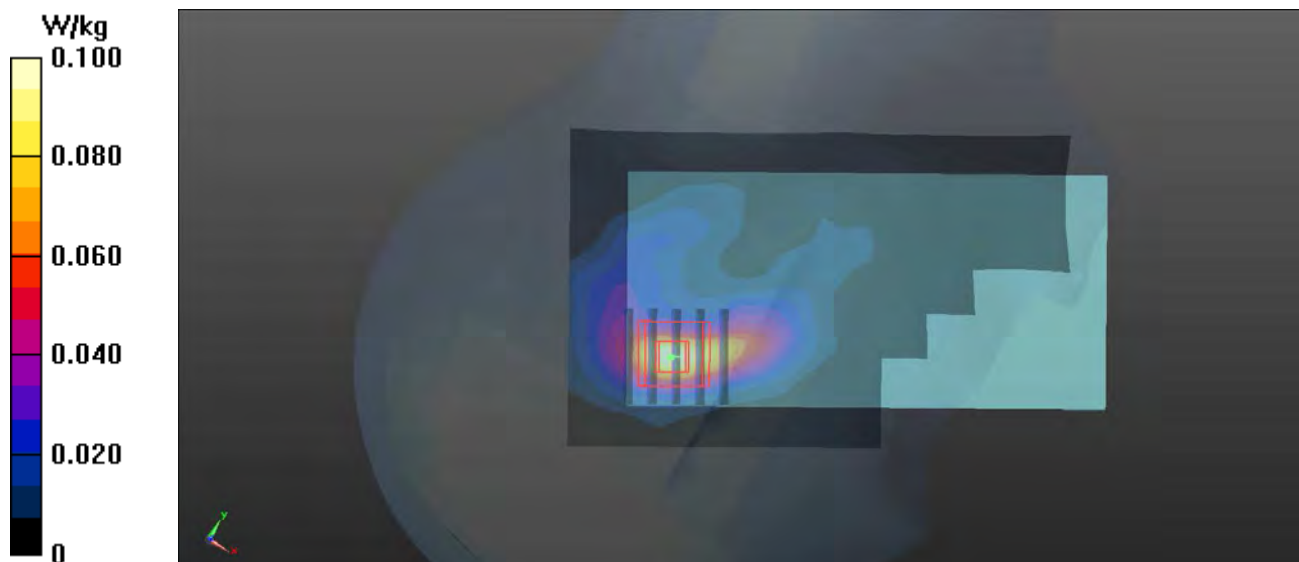
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.288 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0941 W/kg



P29 LTE 30_QPSK10M_Rear Face_1cm_Ch27710_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: B2300_1110 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.812$ S/m; $\epsilon_r = 52.616$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.56, 7.56, 7.56); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.641 W/kg

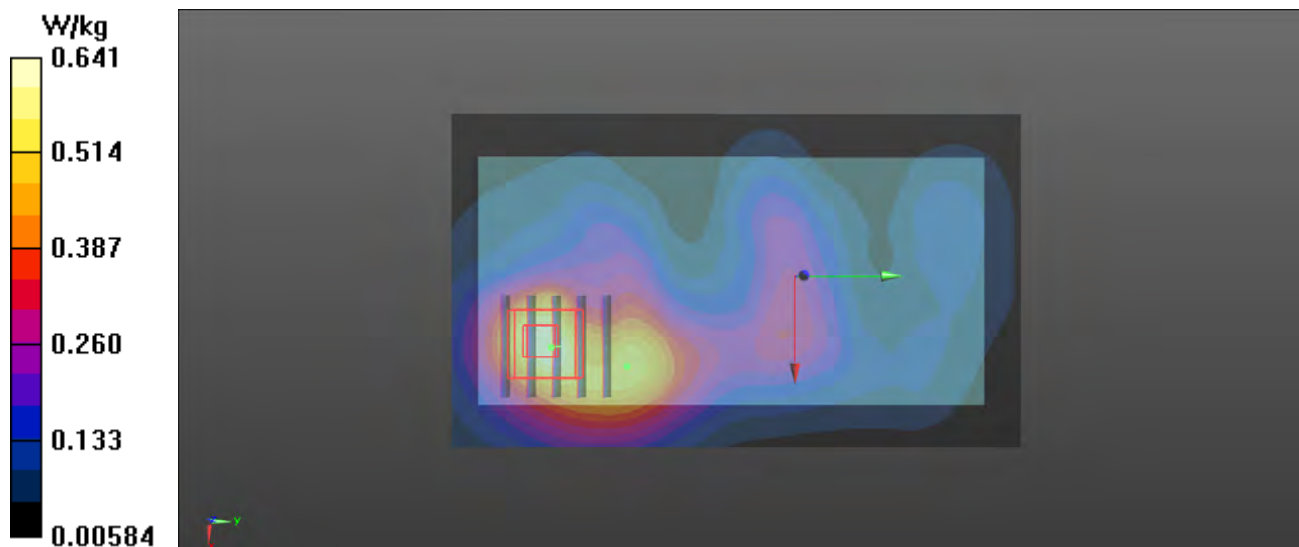
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.637 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.789 W/kg

SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.247 W/kg

Maximum value of SAR (measured) = 0.624 W/kg



P30 LTE 40_QPSK10M_Rear Face_1cm_Ch38750_1RB_OS0**DUT: 170730W001**

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1.58

Medium: B2300_1110 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.812$ S/m; $\epsilon_r = 52.616$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.56, 7.56, 7.56); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.643 W/kg

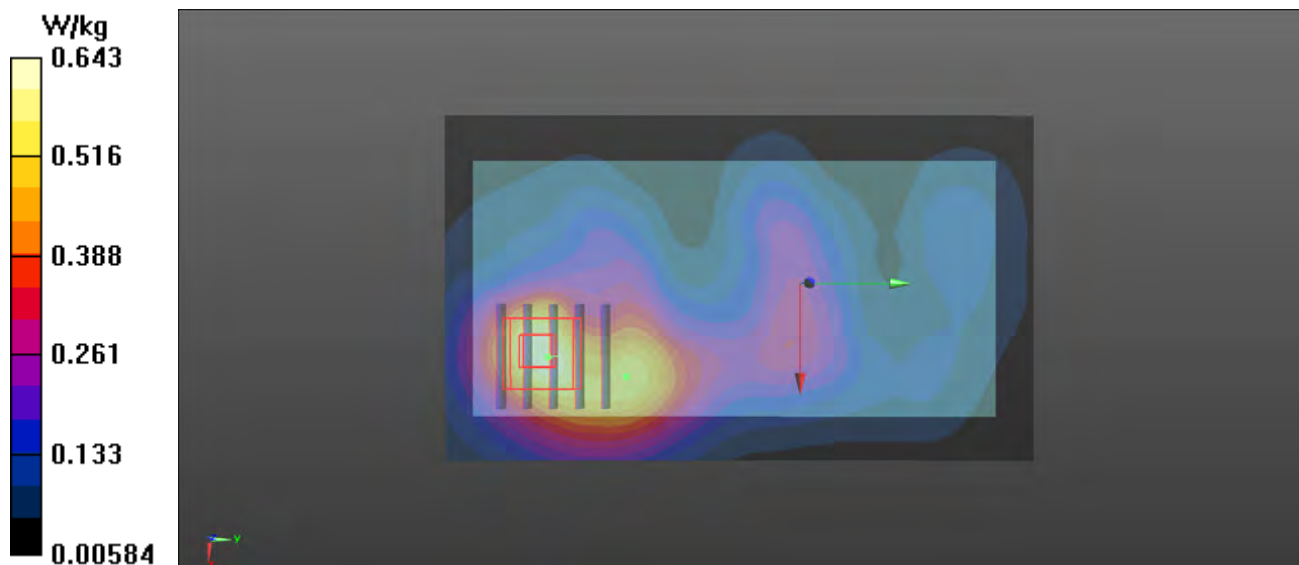
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.638 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.792 W/kg

SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.197 W/kg

Maximum value of SAR (measured) = 0.626 W/kg



P31 802.11n_HT20_Rear Face_1cm_Ch64

DUT: 170730W002

Communication System: 802.11n; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G_1125 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.438$ S/m; $\epsilon_r = 48.649$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.61, 4.61, 4.61); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (111x181x1):** Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.92 W/kg

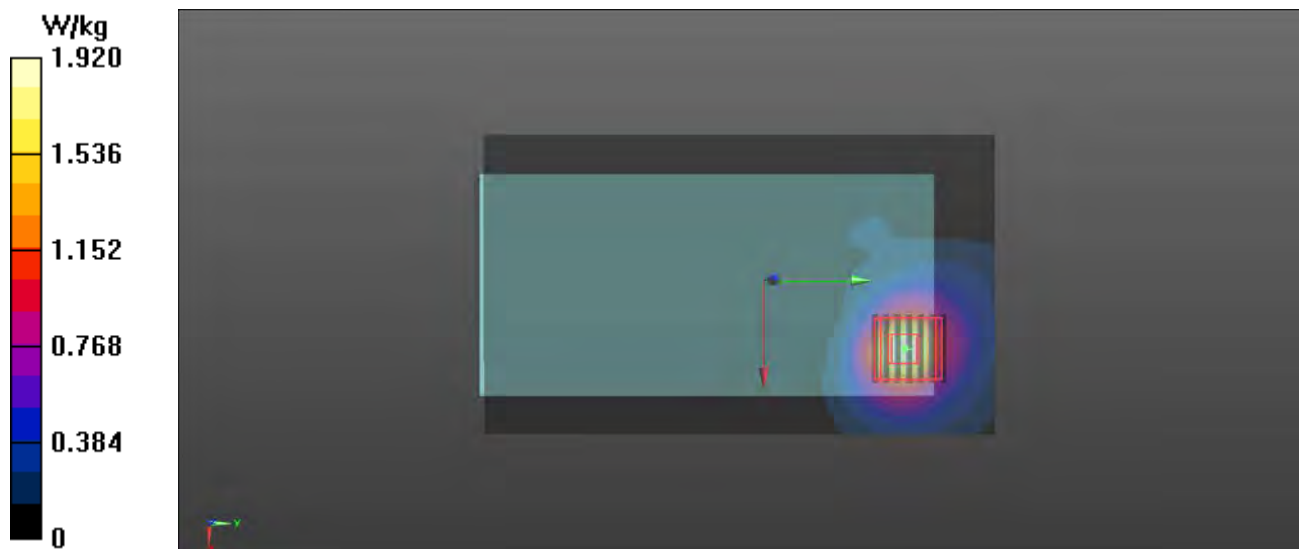
- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.638 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 3.25 W/kg

SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 1.90 W/kg



P32 802.11n_HT40_Rear Face_1cm_Ch134

DUT: 170730W002

Communication System: 802.11n; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: B5G_1125 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.914$ S/m; $\epsilon_r = 47.974$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(3.9, 3.9, 3.9); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (111x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.41 W/kg

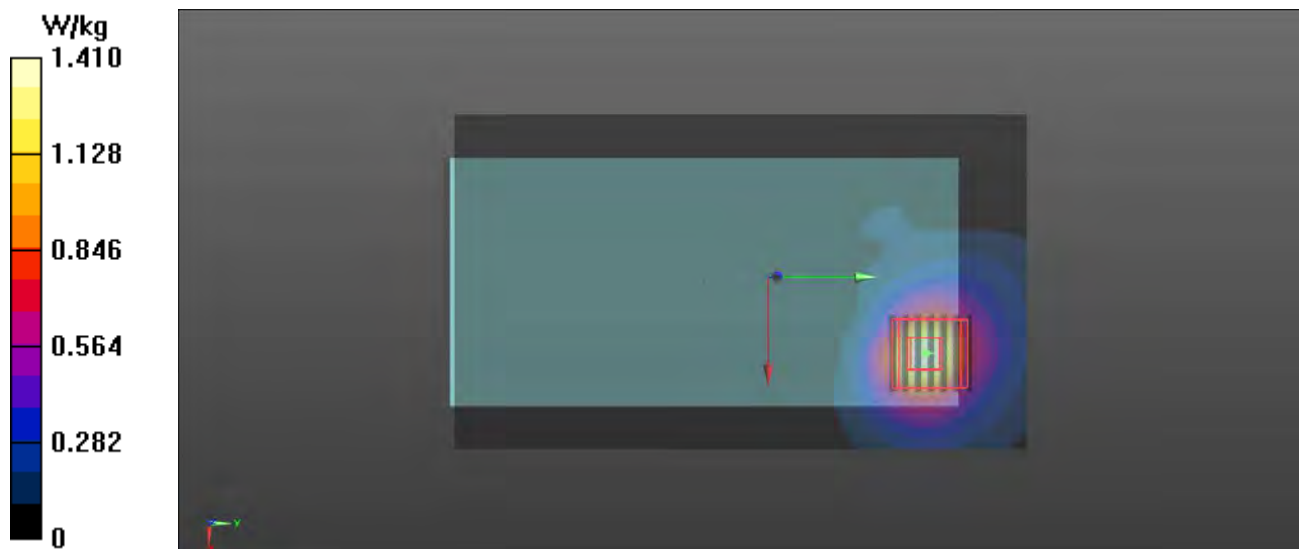
- Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.573 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 1.33 W/kg



P33 GSM850_GPRS12_Rear Face_1cm_Ch128**DUT: 170730W002**

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: B850_1106 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 54.368$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.62, 9.62, 9.62); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.693 W/kg

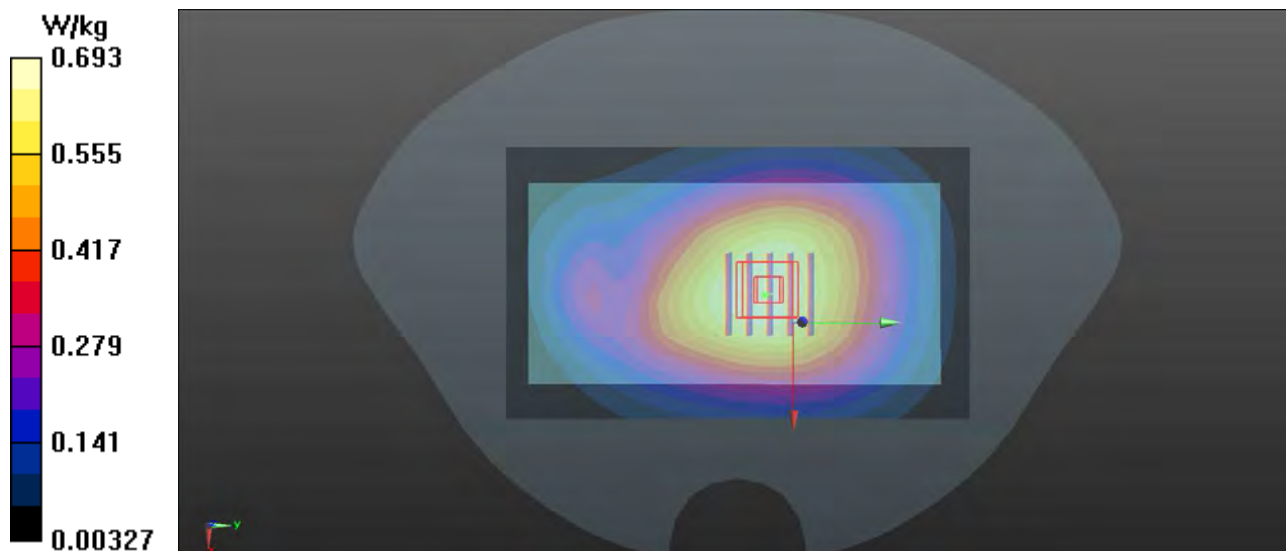
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.36 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.440 W/kg

Maximum value of SAR (measured) = 0.690 W/kg



P34 GSM1900_GPRS12_Rear Face_1cm_Ch512**DUT: 170730W002**

Communication System: GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: B1900_1031 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.529$ S/m; $\epsilon_r = 53.768$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.77, 7.77, 7.77); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

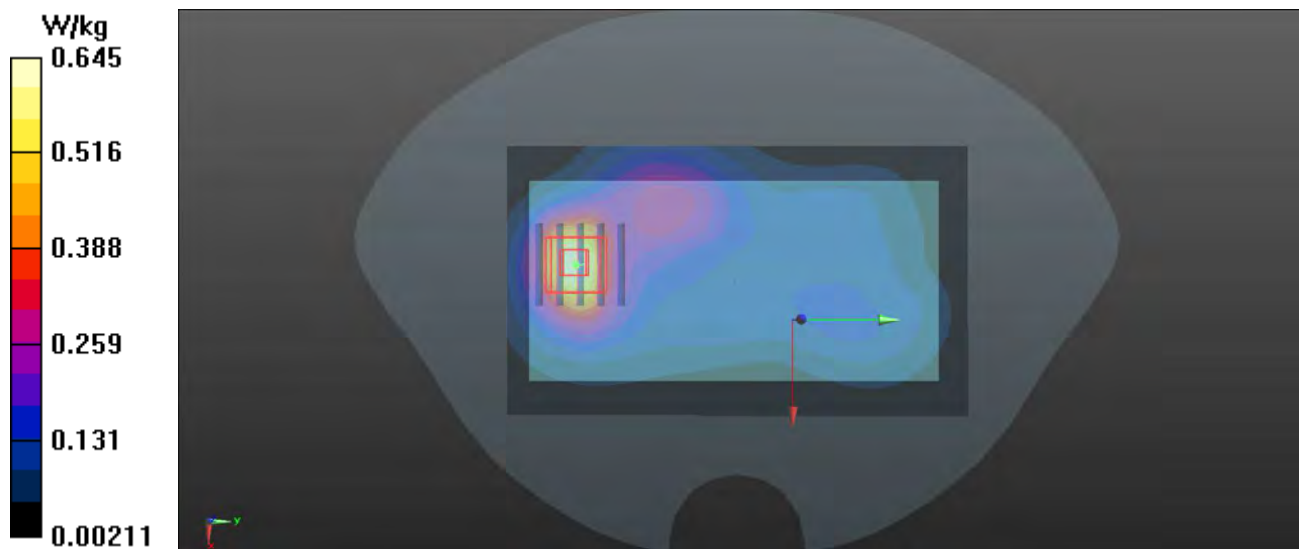
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.095 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.782 W/kg

SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 0.669 W/kg



P35 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262**DUT: 170730W002**

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

Medium: B1900_1031 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.531$ S/m; $\epsilon_r = 53.762$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.77, 7.77, 7.77); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.69 W/kg

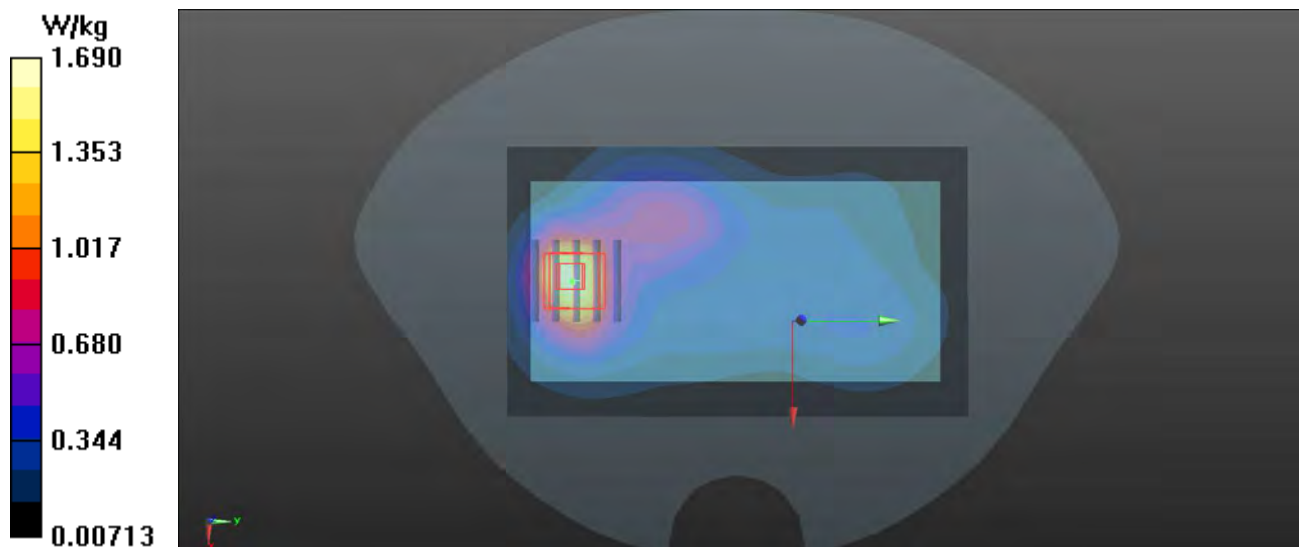
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.03 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.690 W/kg

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



P36 WCDMA IV_RMC12.2K_Rear Face_1cm_Ch1513**DUT: 170730W002**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: B1750_1101 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.442$ S/m; $\epsilon_r = 53.688$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.04, 8.04, 8.04); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.79 W/kg

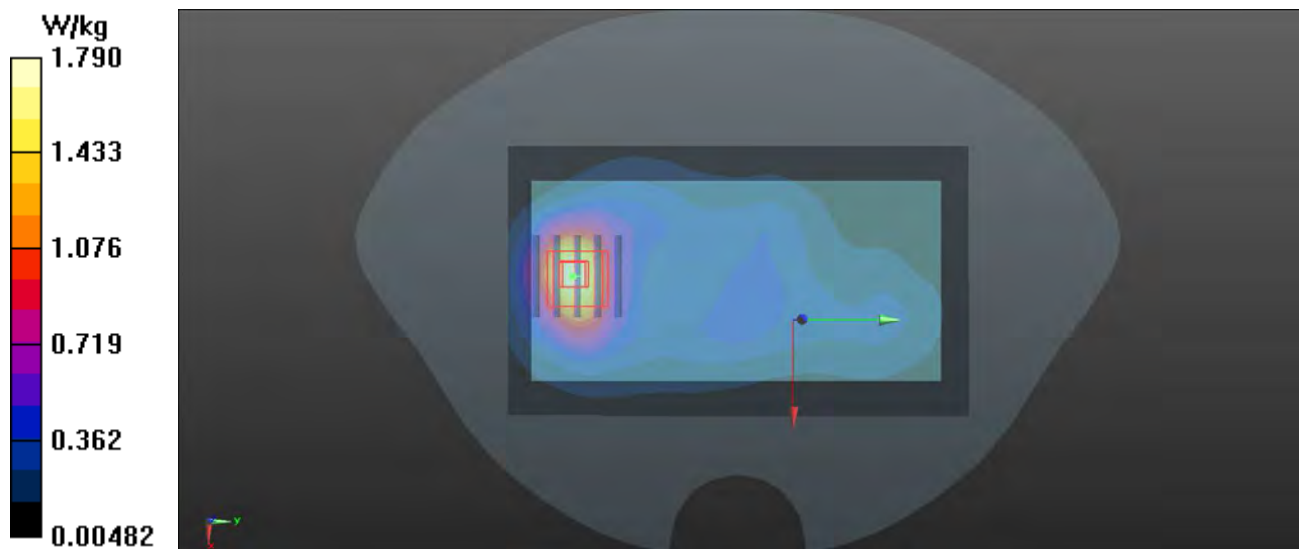
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.83 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.747 W/kg

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



P37 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132**DUT: 170730W002**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: B850_1106 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 54.484$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.62, 9.62, 9.62); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.714 W/kg

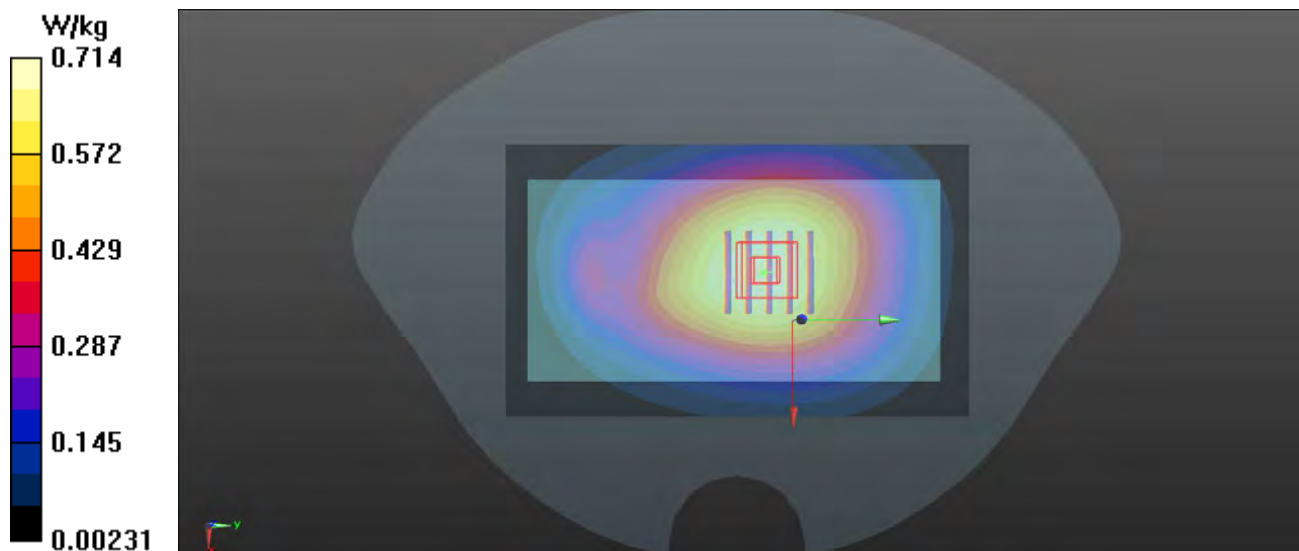
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.09 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.771 W/kg

SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.461 W/kg

Maximum value of SAR (measured) = 0.718 W/kg



P38 CDMA BC0_RC3 SO32_Rear Face_1cm_Ch1013**DUT: 170730W002**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: B850_1106 Medium parameters used: $f = 825$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 54.5$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.62, 9.62, 9.62); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.740 W/kg

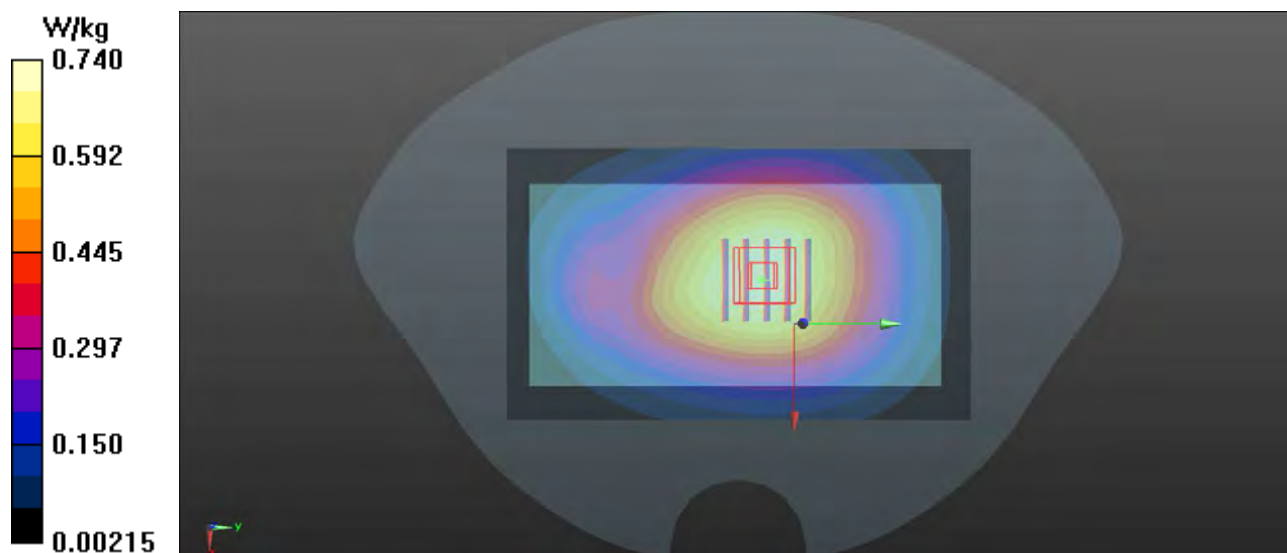
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.65 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.795 W/kg

SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.474 W/kg

Maximum value of SAR (measured) = 0.740 W/kg



P39 CDMA BC1_RC3 SO32_Rear Face_1cm_Ch25**DUT: 170730W002**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: B1900_1031 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.53$ S/m; $\epsilon_r = 53.764$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.77, 7.77, 7.77); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 1.77 W/kg

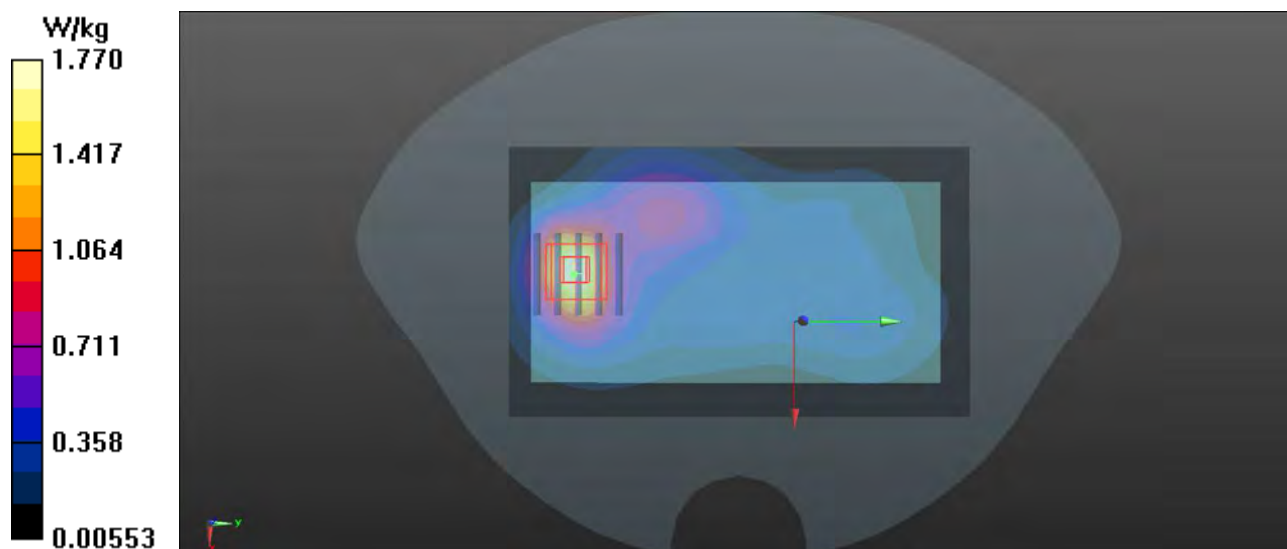
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.80 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.726 W/kg

Maximum value of SAR (measured) = 1.84 W/kg



P40 CDMA BC10_RC3 SO32_Rear Face_1cm_Ch476**DUT: 170730W002**

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: B850_1106 Medium parameters used: $f = 818$ MHz; $\sigma = 0.958$ S/m; $\epsilon_r = 54.582$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.62, 9.62, 9.62); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.745 W/kg

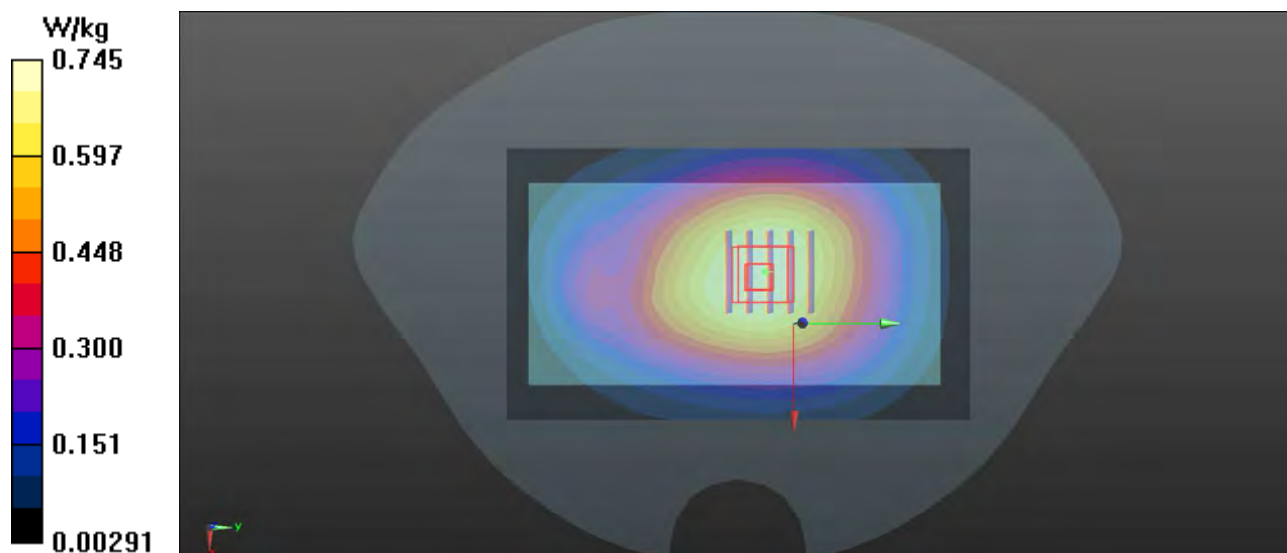
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.85 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.478 W/kg

Maximum value of SAR (measured) = 0.739 W/kg



P41 LTE 2_QPSK20M_Rear Face_1cm_Ch19100_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: B1900_1025 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.577$ S/m; $\epsilon_r = 53.606$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.77, 7.77, 7.77); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

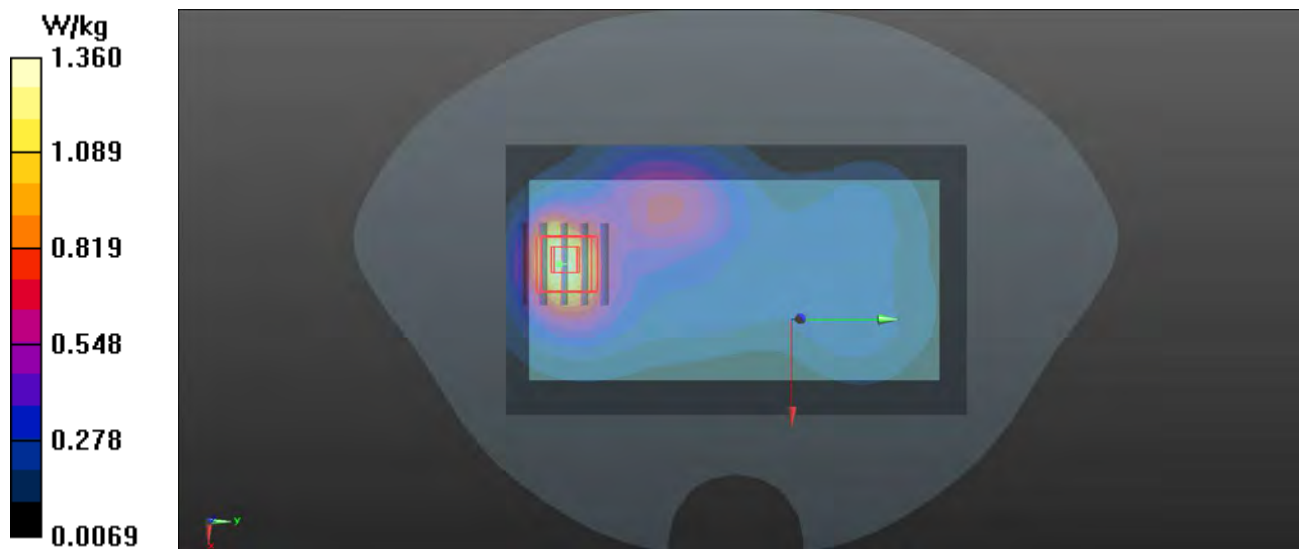
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.18 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.561 W/kg

Maximum value of SAR (measured) = 1.41 W/kg



P42 LTE 4_QPSK20M_Rear Face_1cm_Ch20300_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: B1750_1101 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.435$ S/m; $\epsilon_r = 53.706$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.04, 8.04, 8.04); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 1.48 W/kg

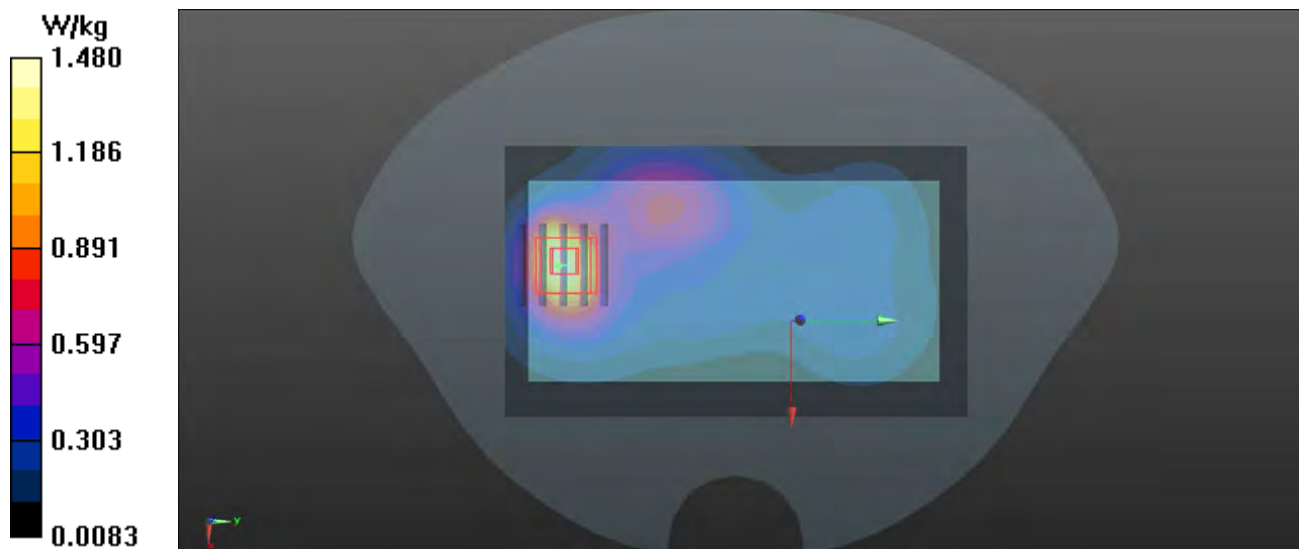
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.00 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.626 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



P43 LTE 5_QPSK10M_Rear Face_1cm_Ch20525_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: B850_1106 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 54.367$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.62, 9.62, 9.62); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.512 W/kg

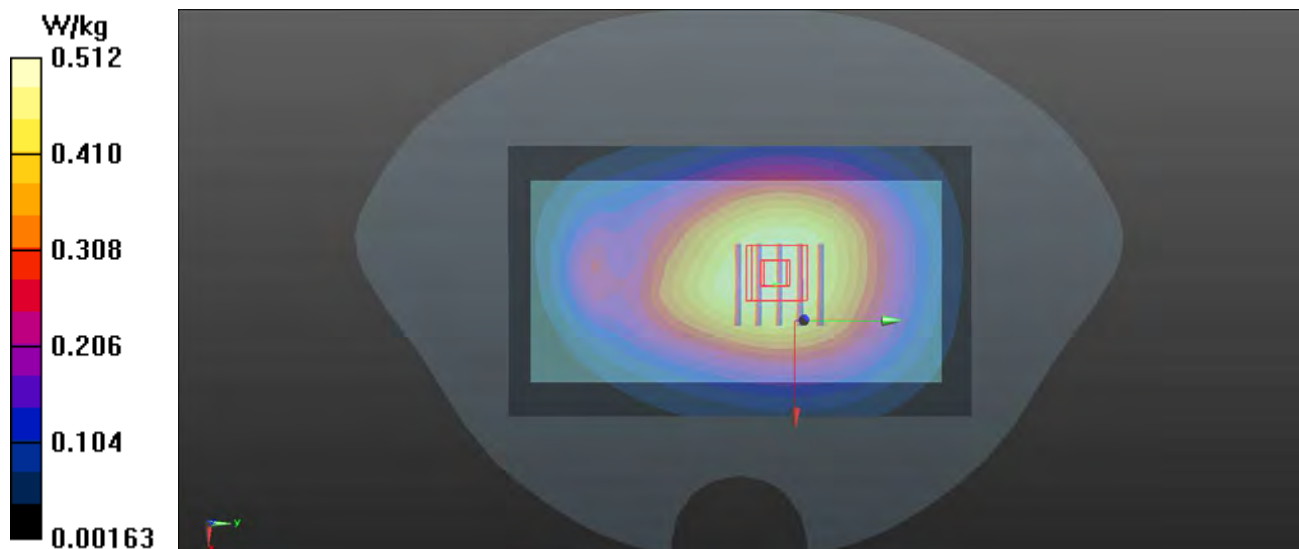
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.85 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.548 W/kg

SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.326 W/kg

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



P44 LTE 7_QPSK20M_Rear Face_1cm_Ch21350_1RB_OS0**DUT: 170730W002**

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

Medium: B2600_1102 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.046$ S/m; $\epsilon_r = 50.875$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.19, 7.19, 7.19); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

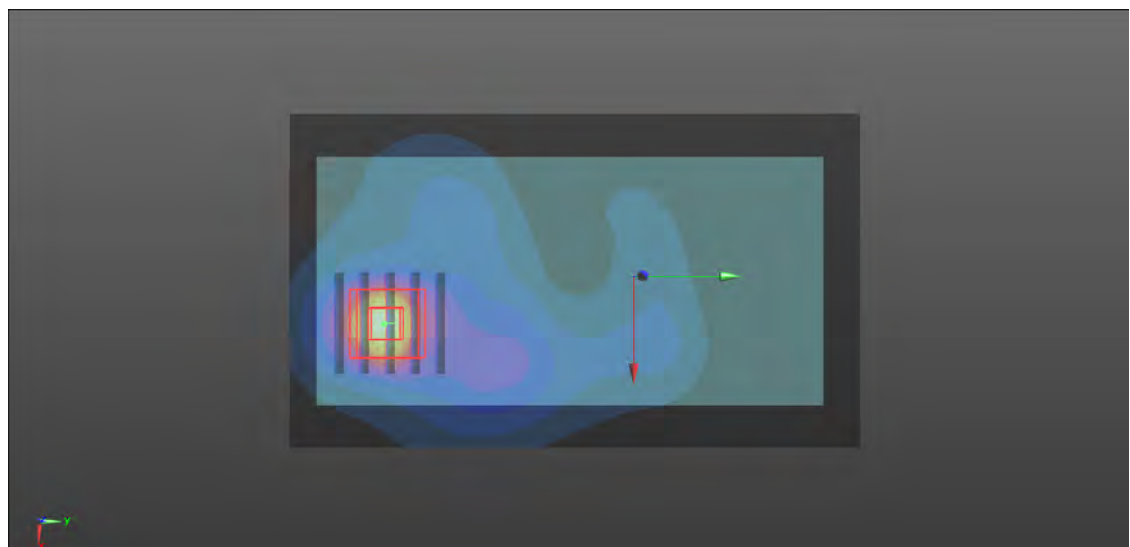
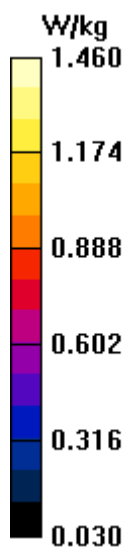
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.366 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.428 W/kg

Maximum value of SAR (measured) = 1.42 W/kg



P45 LTE 12_QPSK10M_Rear Face_1cm_Ch23130_1RB_OS0**DUT: 170730W002**

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

Medium: B750_1107 Medium parameters used: $f = 711$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 54.233$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.72, 9.72, 9.72); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.617 W/kg

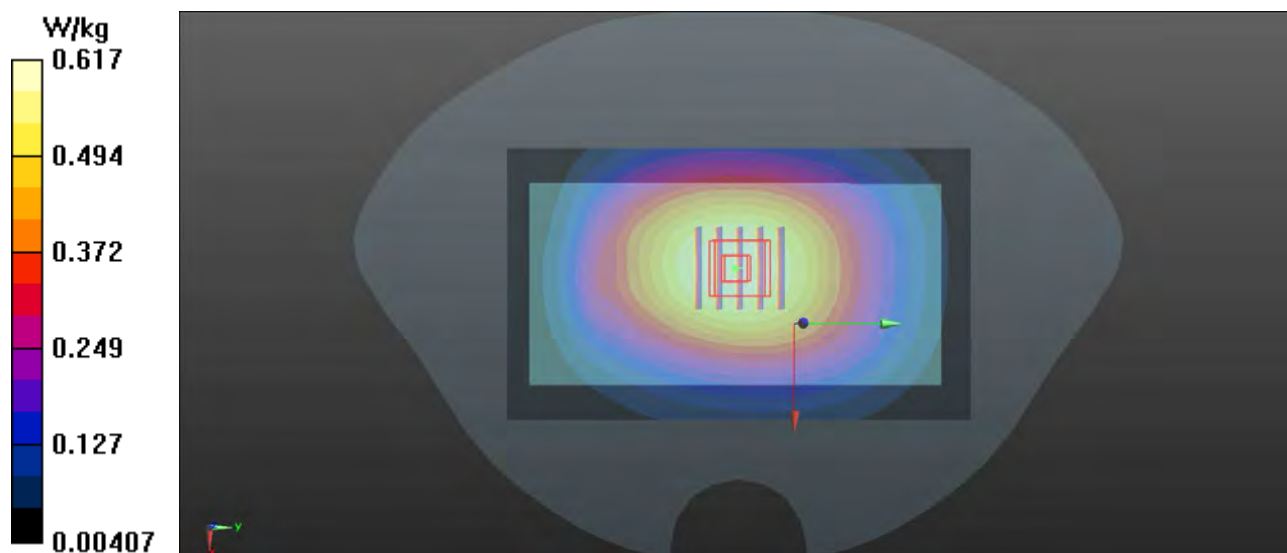
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.13 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.657 W/kg

SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.407 W/kg

Maximum value of SAR (measured) = 0.616 W/kg



P46 LTE 13_QPSK10M_Rear Face_1cm_Ch23230_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: B750_1107 Medium parameters used: $f = 782$ MHz; $\sigma = 0.995$ S/m; $\epsilon_r = 53.489$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.72, 9.72, 9.72); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.473 W/kg

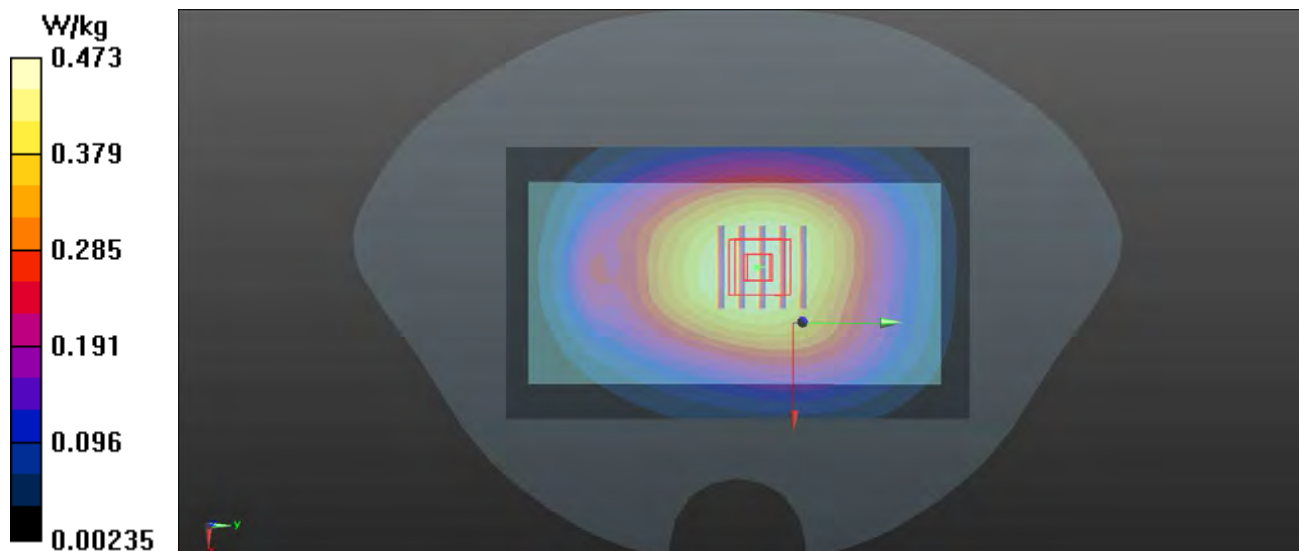
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.13 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 0.473 W/kg



P47 LTE 14_QPSK10M_Rear Face_1cm_Ch23330_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: B750_1107 Medium parameters used: $f = 793$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 53.363$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.72, 9.72, 9.72); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.516 W/kg

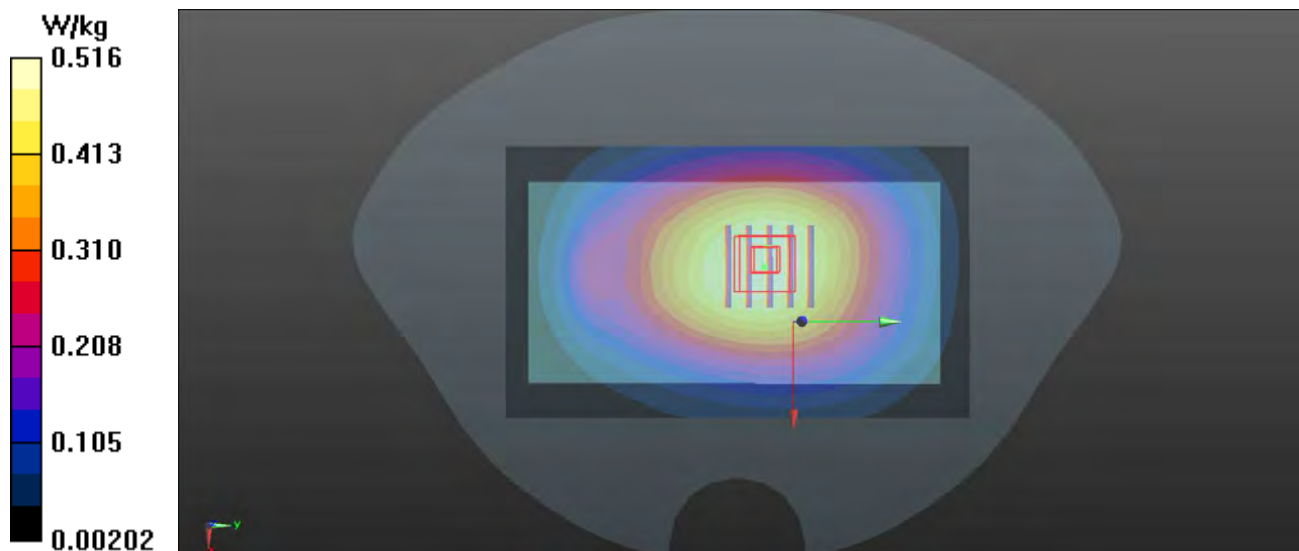
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.92 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.339 W/kg

Maximum value of SAR (measured) = 0.523 W/kg



P48 LTE 25_QPSK20M_Rear Face_1cm_Ch26140_1RB_OS0**DUT: 170730W002**

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

Medium: B1900_1025 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.538$ S/m; $\epsilon_r = 53.746$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.77, 7.77, 7.77); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

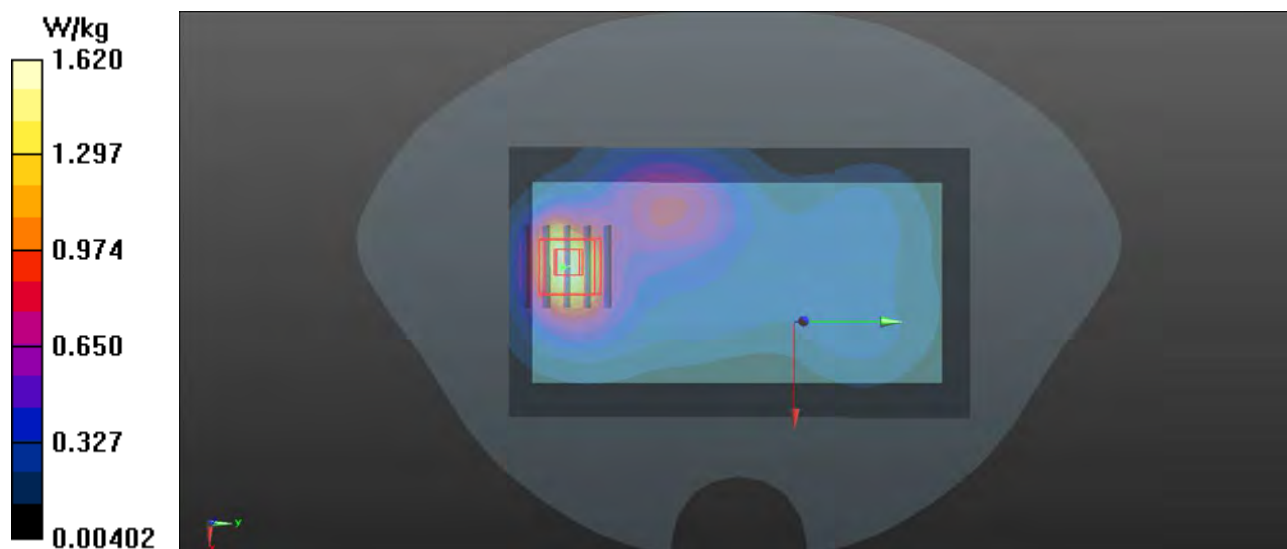
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.85 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.620 W/kg

Maximum value of SAR (measured) = 1.59 W/kg



P49 LTE 26_QPSK15M_Rear Face_1cm_Ch26865_1RB_OS0**DUT: 170730W002**

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

Medium: B850_1106 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 54.425$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.62, 9.62, 9.62); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.641 W/kg

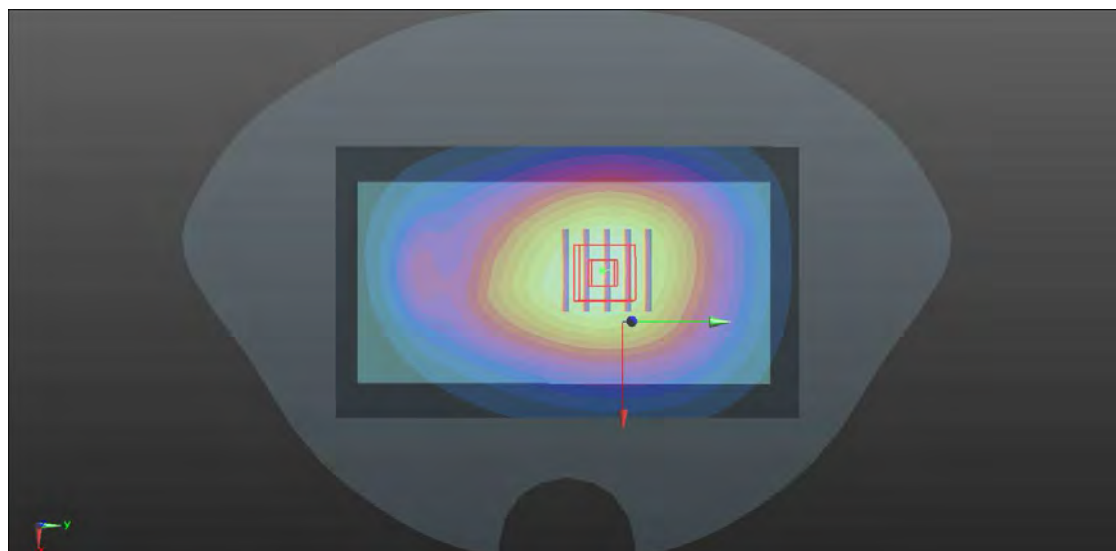
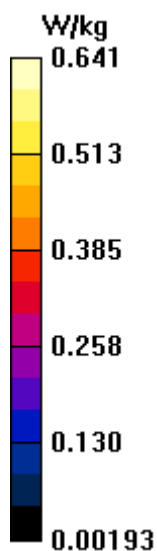
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.53 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.692 W/kg

SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.413 W/kg

Maximum value of SAR (measured) = 0.644 W/kg



P50 LTE 30_QPSK10M_Bottom Side_1cm_Ch27710_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: B2300_1110 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.812$ S/m; $\epsilon_r = 52.616$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.56, 7.56, 7.56); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.914 W/kg

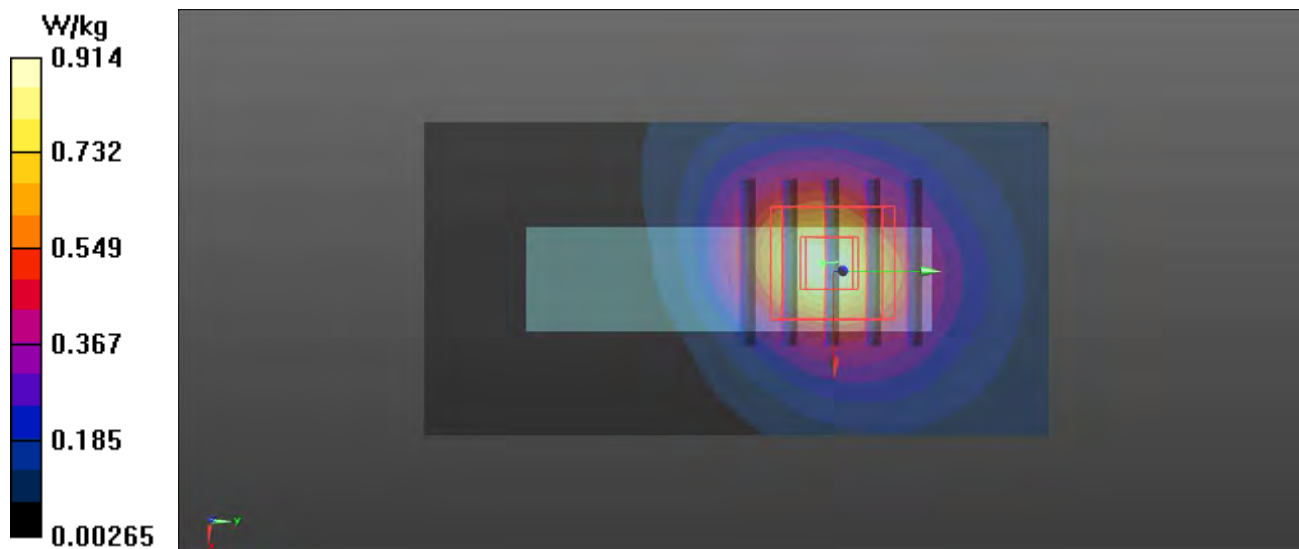
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.99 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 0.909 W/kg



P51 LTE 38_QPSK20M_Rear Face_1cm_Ch38150_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium: B2600_1102 Medium parameters used: $f = 2610$ MHz; $\sigma = 2.108$ S/m; $\epsilon_r = 50.716$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.19, 7.19, 7.19); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

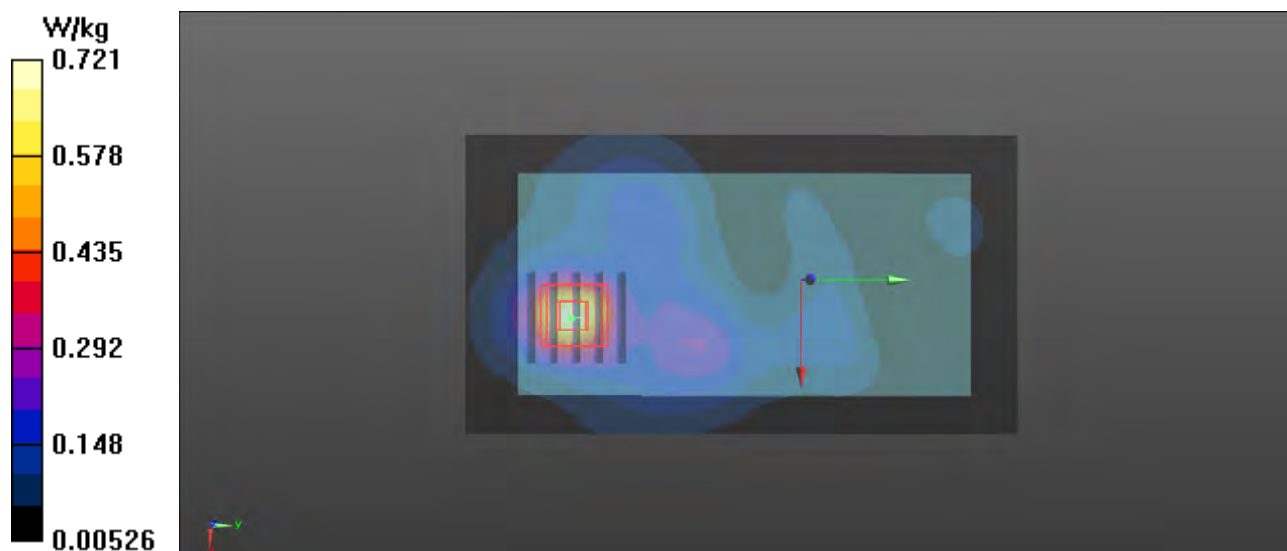
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.852 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.930 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 0.750 W/kg



P52 LTE 40_QPSK10M_Bottom Side_1cm_Ch38750_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1.58

Medium: B2300_1110 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.812$ S/m; $\epsilon_r = 52.616$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.56, 7.56, 7.56); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (51x101x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.918 W/kg

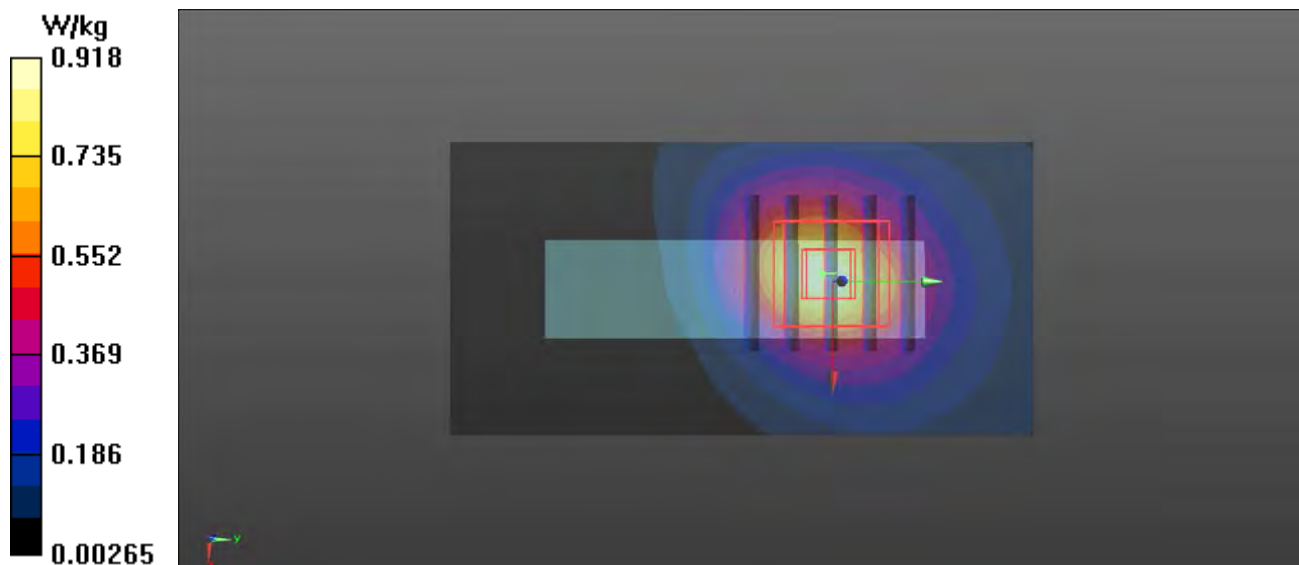
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.00 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.253 W/kg

Maximum value of SAR (measured) = 0.913 W/kg



P53 LTE 41_QPSK20M_Rear Face_1cm_Ch41490_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.58

Medium: B2600_1102 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.191$ S/m; $\epsilon_r = 50.511$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.19, 7.19, 7.19); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.850 W/kg

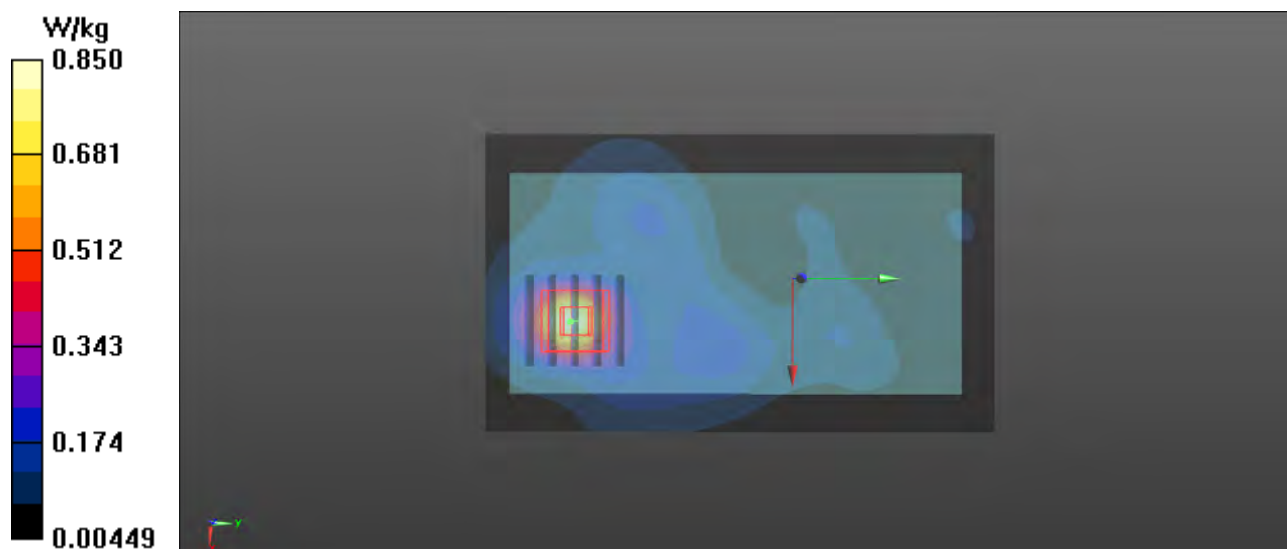
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.900 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 0.830 W/kg



P54 LTE 66_QPSK20M_Rear Face_1cm_Ch132572_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: B1750_1124 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.457$ S/m; $\epsilon_r = 53.639$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.04, 8.04, 8.04); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

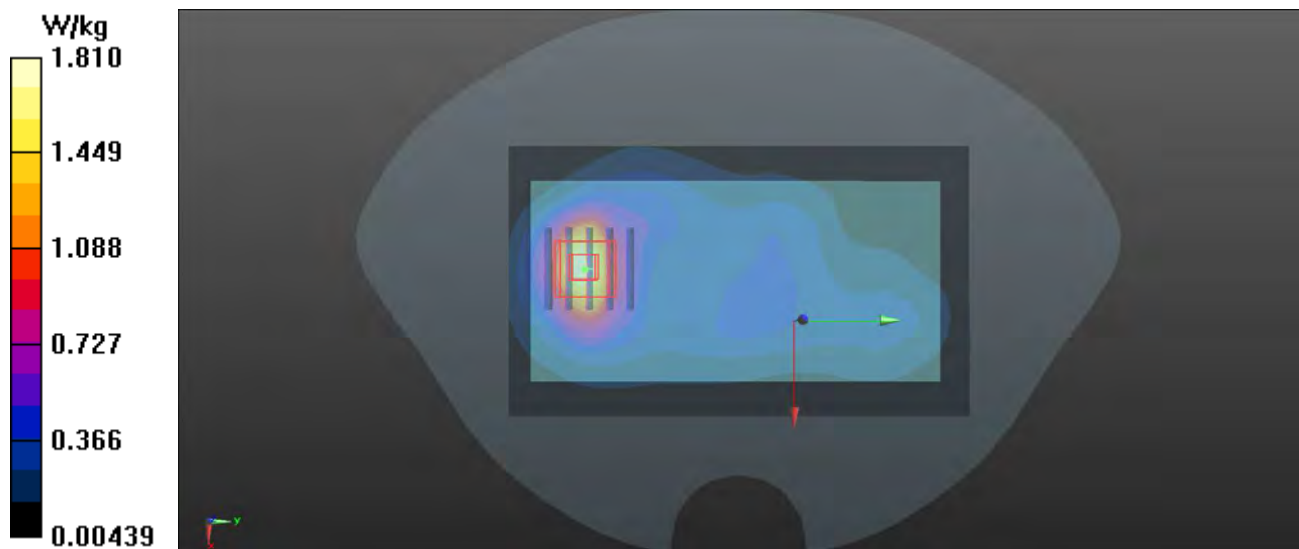
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.49 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.721 W/kg

Maximum value of SAR (measured) = 1.76 W/kg



P55 802.11b_Rear Face_1cm_Ch1**DUT: 170730W002**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_1111 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 51.818$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.45, 7.45, 7.45); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (91x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.252 W/kg

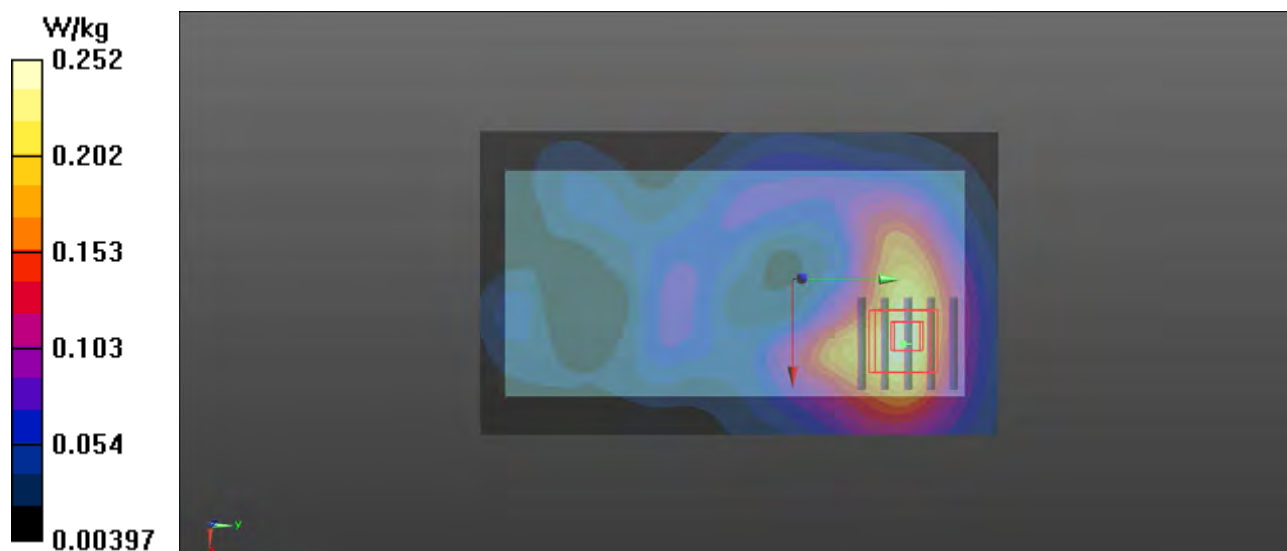
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.670 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.091 W/kg

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



P56 802.11a_Rear Face_1cm_Ch48**DUT: 170730W002**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: B5G_1125 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.359$ S/m; $\epsilon_r = 48.851$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.61, 4.61, 4.61); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (111x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.72 W/kg

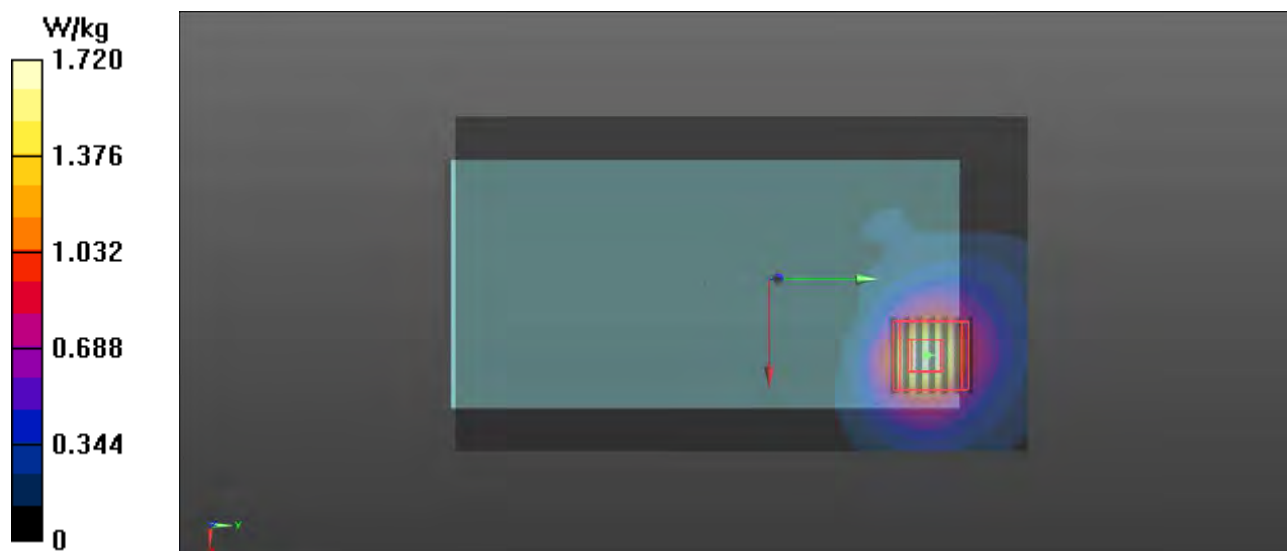
- Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.846 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.306 W/kg

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



P57 802.11n_HT40_Rear Face_1cm_Ch151**DUT: 170730W002**

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: B5G_1125 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.028$ S/m; $\epsilon_r = 47.972$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.16, 4.16, 4.16); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (111x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

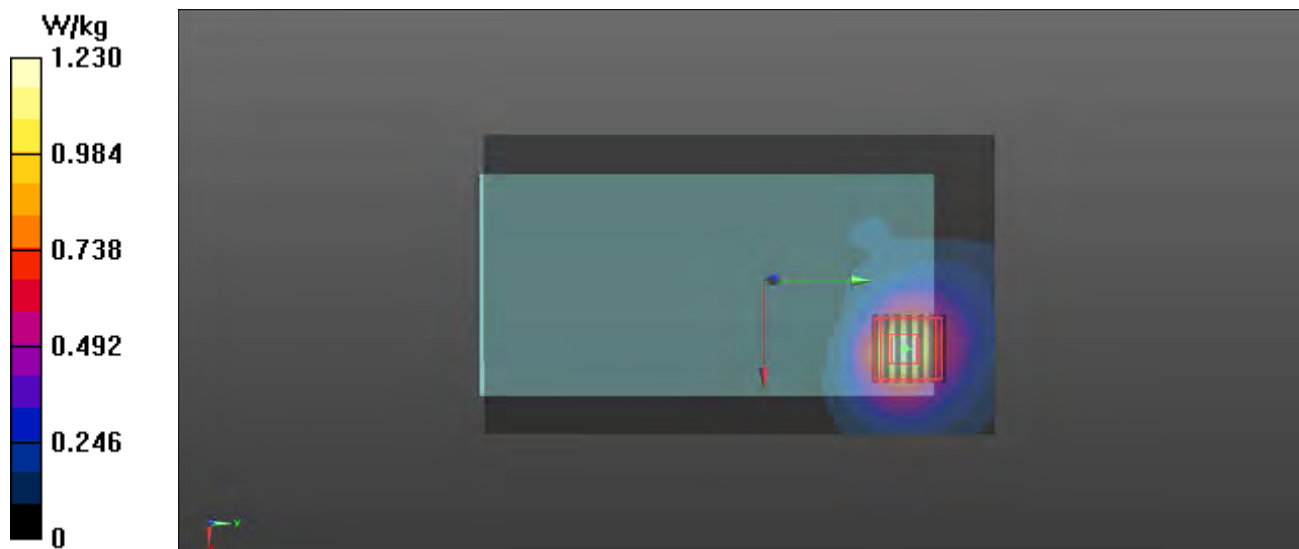
- Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0.5500 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.184 W/kg

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



P58 BT_GFSK_Rear Face_1cm_Ch39**DUT: 170730W002**

Communication System: BT; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: B2450_1111 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.892$ S/m; $\epsilon_r = 51.443$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.45, 7.45, 7.45); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (81x151x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0524 W/kg

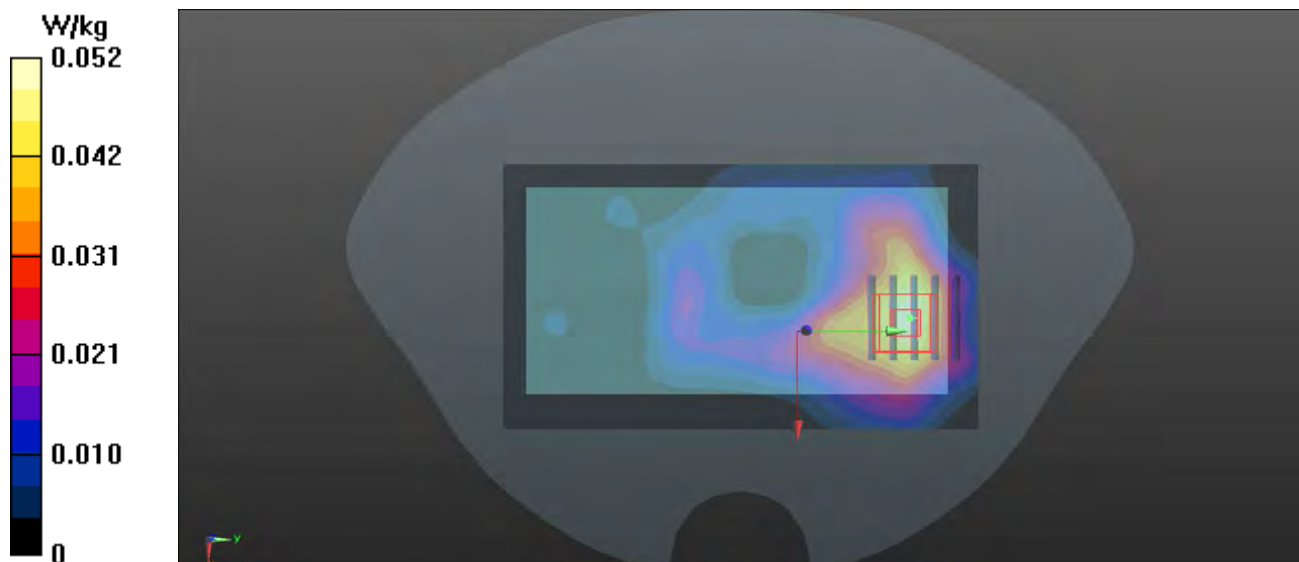
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.514 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0770 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0606 W/kg



P59 WCDMA II_RMC12.2K_Rear Face_0cm_Ch9538**DUT: 170730W002**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: B1900_1031 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.586$ S/m; $\epsilon_r = 53.577$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.77, 7.77, 7.77); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 10.8 W/kg

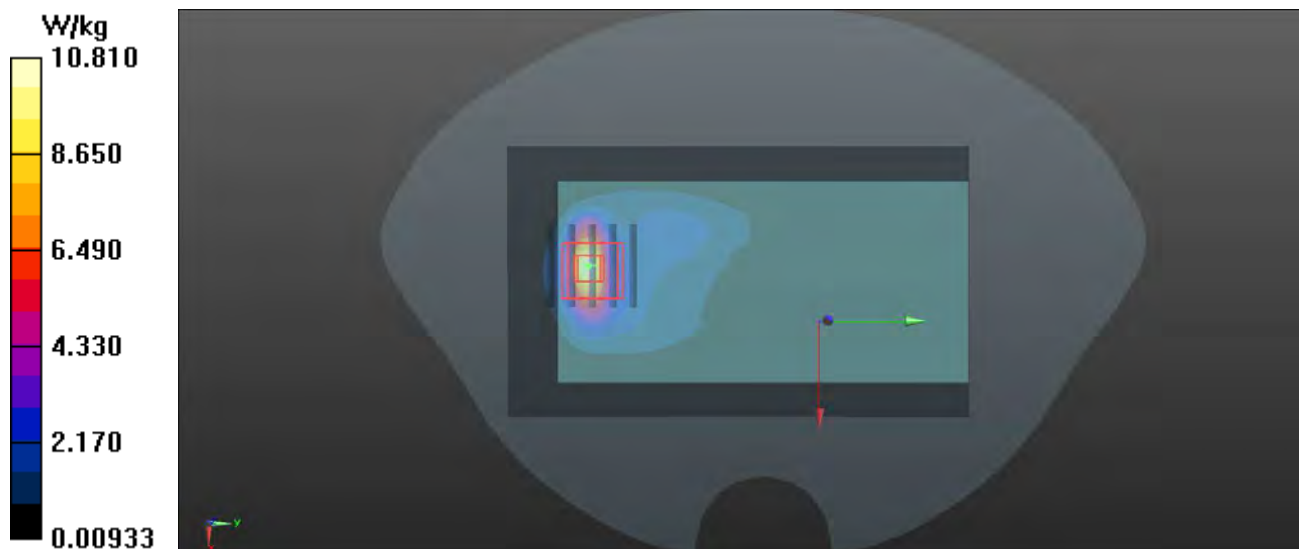
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.03 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 13.3 W/kg

SAR(1 g) = 6.87 W/kg; SAR(10 g) = 3.22 W/kg

Maximum value of SAR (measured) = 11.1 W/kg



P60 WCDMA IV_RMC12.2K_Rear Face_0cm_Ch1513**DUT: 170730W002**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: B1750_1101 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.442$ S/m; $\epsilon_r = 53.688$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.04, 8.04, 8.04); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 9.56 W/kg

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

Reference Value = 16.08 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 11.5 W/kg

SAR(1 g) = 5.89 W/kg; SAR(10 g) = 2.91 W/kg

Maximum value of SAR (measured) = 9.53 W/kg



P61 CDMA BC1_RC3 SO32_Rear Face_0cm_Ch1175**DUT: 170730W002**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: B1900_1031 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.587$ S/m; $\epsilon_r = 53.571$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.77, 7.77, 7.77); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 8.86 W/kg

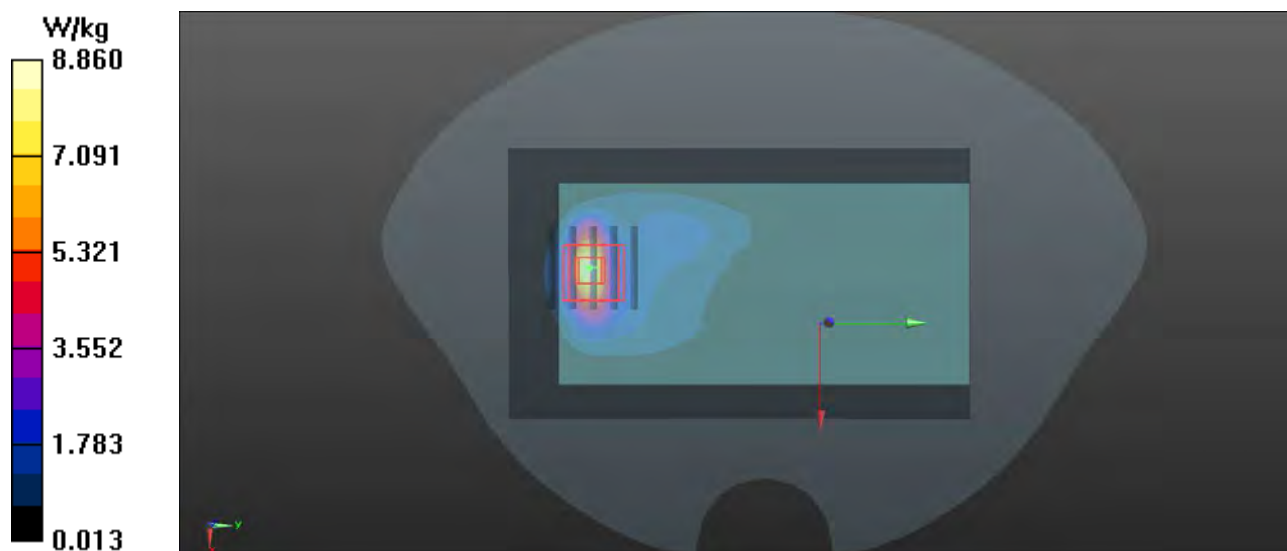
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.88 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 13.3 W/kg

SAR(1 g) = 6.86 W/kg; SAR(10 g) = 3.24 W/kg

Maximum value of SAR (measured) = 11.0 W/kg



P62 LTE 4_QPSK20M_Rear Face_0cm_Ch20050_1RB_OS0**DUT: 170730W002**

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

Medium: B1750_1101 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 53.751$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.04, 8.04, 8.04); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 9.70 W/kg

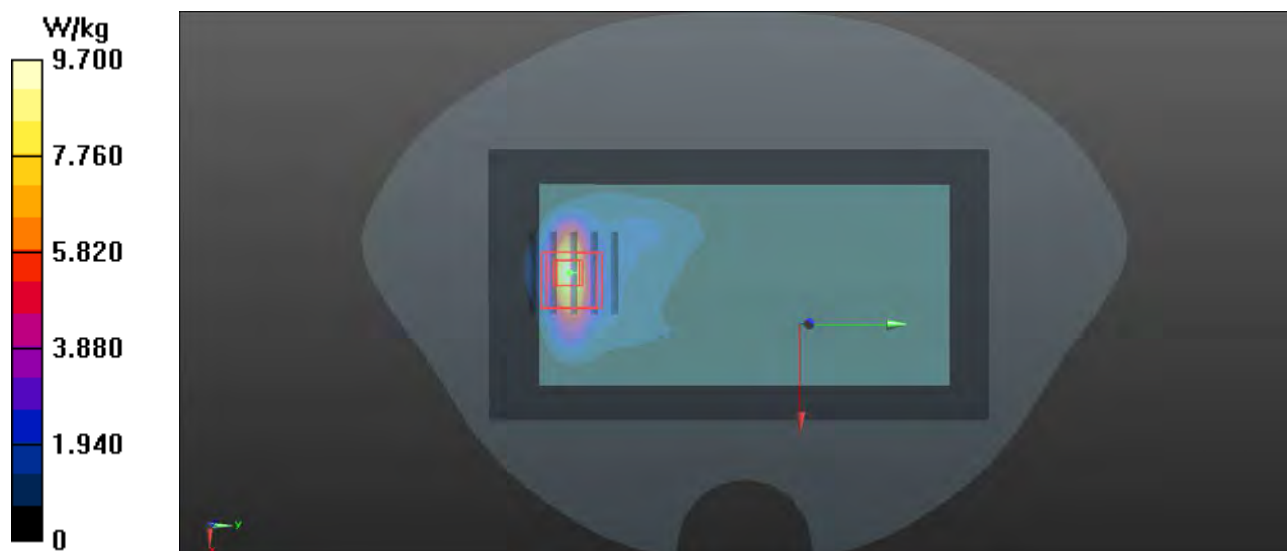
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.51 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 10.7 W/kg

SAR(1 g) = 5.64 W/kg; SAR(10 g) = 2.82 W/kg

Maximum value of SAR (measured) = 8.89 W/kg



P63 LTE 7_QPSK20M_Rear Face_0cm_Ch20850_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: B2600_1102 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.99$ S/m; $\epsilon_r = 51.05$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.19, 7.19, 7.19); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 2.73 W/kg

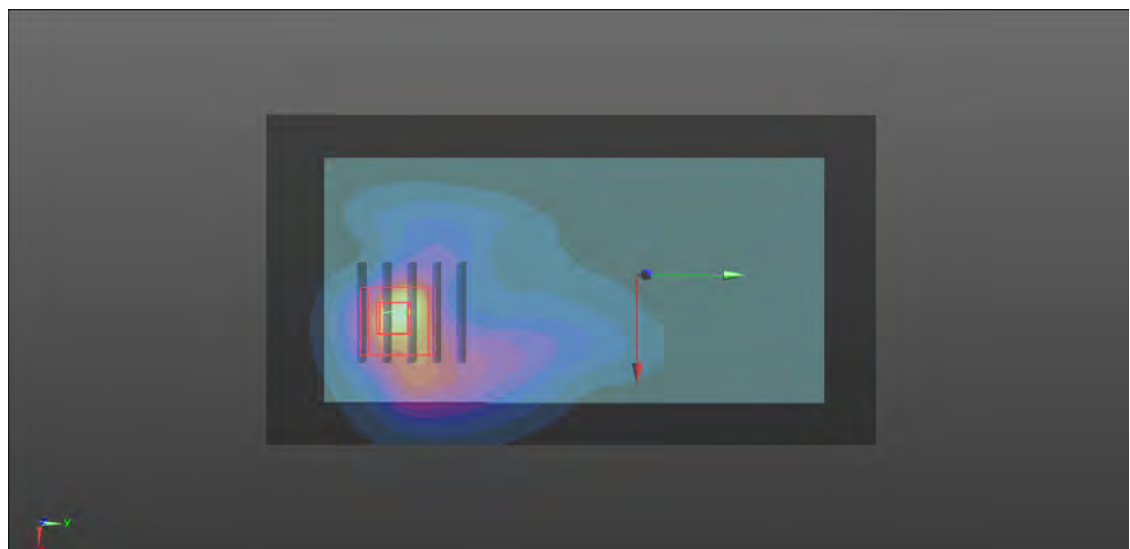
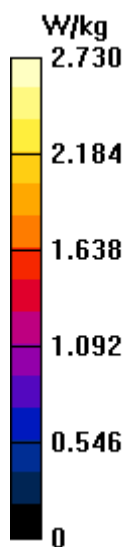
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.18 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.48 W/kg

SAR(1 g) = 1.97 W/kg; SAR(10 g) = 0.821 W/kg

Maximum value of SAR (measured) = 3.00 W/kg



P64 LTE 25_QPSK20M_Rear Face_0cm_Ch26590_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: B1900_1025 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.583$ S/m; $\epsilon_r = 53.587$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.77, 7.77, 7.77); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 10.8 W/kg

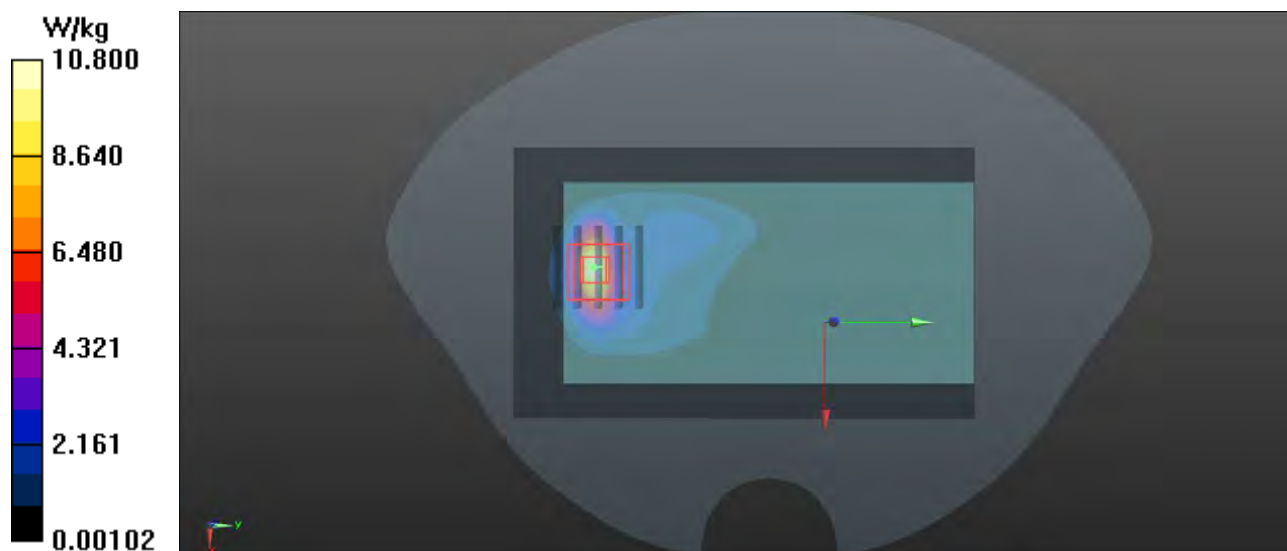
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.09 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 6.34 W/kg; SAR(10 g) = 3 W/kg

Maximum value of SAR (measured) = 10.3 W/kg



P65 LTE 66_QPSK20M_Rear Face_0cm_Ch132322_1RB_OS0**DUT: 170730W002**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: B1750_1124 Medium parameters used: $f = 1755$ MHz; $\sigma = 1.444$ S/m; $\epsilon_r = 53.681$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.04, 8.04, 8.04); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 10.1 W/kg

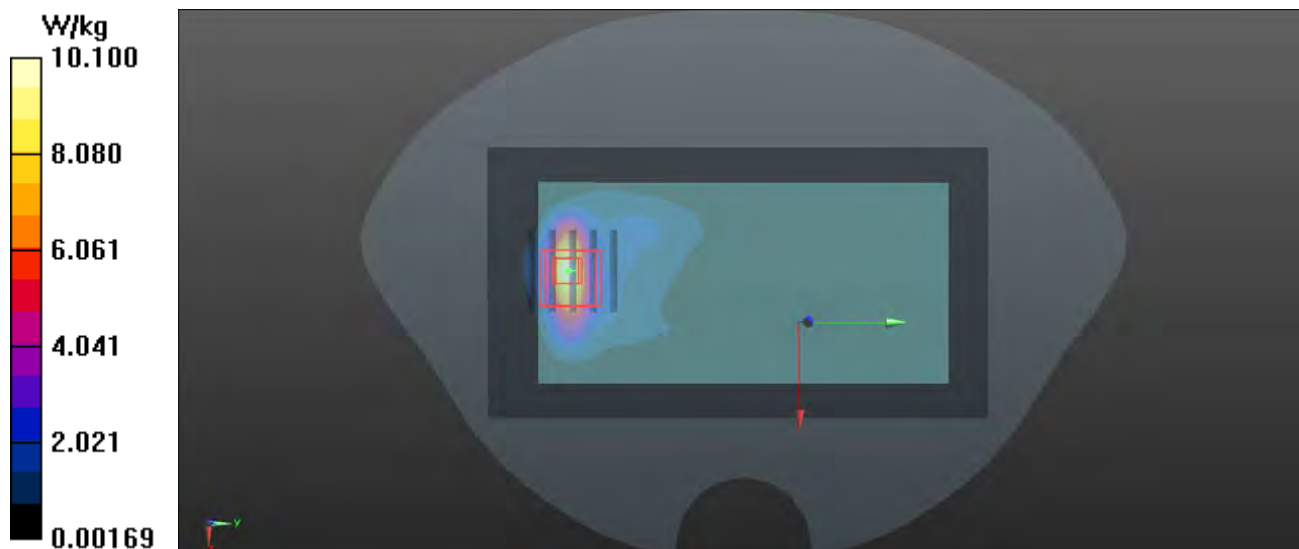
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.76 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 11.0 W/kg

SAR(1 g) = 5.86 W/kg; SAR(10 g) = 2.91 W/kg

Maximum value of SAR (measured) = 9.26 W/kg



P66 802.11n_HT20_Rear Face_0cm_Ch60**DUT: 170730W002**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B5G_1125 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.413$ S/m; $\epsilon_r = 48.764$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.61, 4.61, 4.61); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (111x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 6.64 W/kg

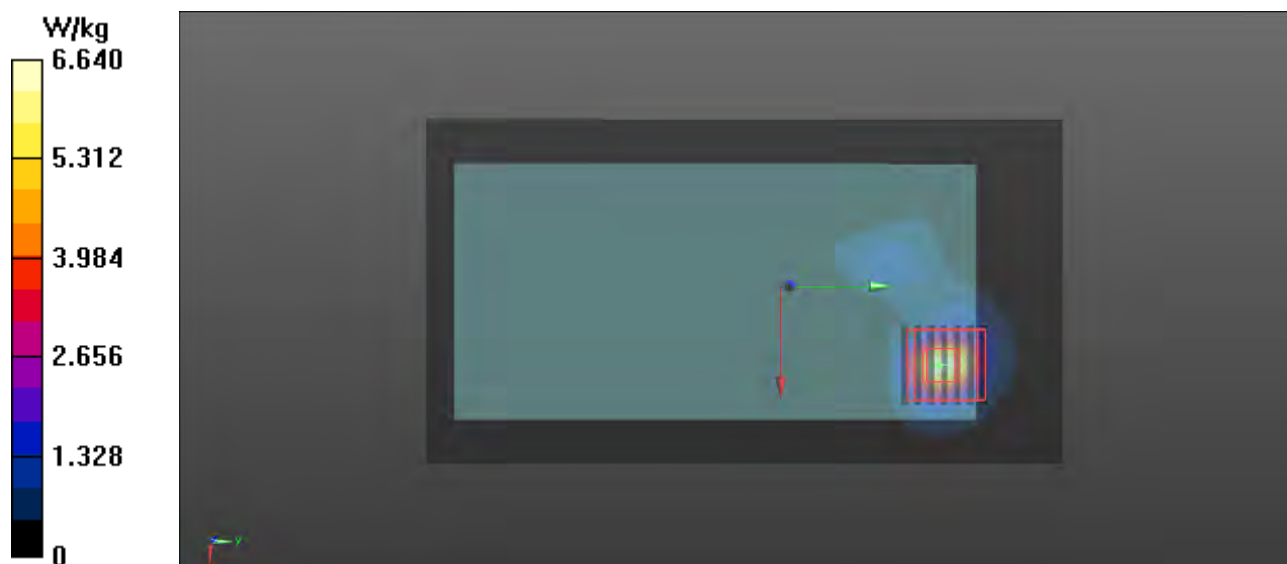
- Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.118 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 22.7 W/kg

SAR(1 g) = 4.49 W/kg; SAR(10 g) = 1.14 W/kg

Maximum value of SAR (measured) = 11.8 W/kg



P67 802.11n_HT40_Rear Face_0cm_Ch134**DUT: 170730W002**

Communication System: 802.11n; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: B5G_1125 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.914$ S/m; $\epsilon_r = 47.974$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(3.9, 3.9, 3.9); Calibrated: 2017/08/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2017/08/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (111x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 4.99 W/kg

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

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 15.8 W/kg

SAR(1 g) = 3.06 W/kg; SAR(10 g) = 0.781 W/kg

Maximum value of SAR (measured) = 8.75 W/kg

