

Appendix B. SAR Plots of SAR Measurement

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

P01 GSM850_GPRS12_Left Cheek_Ch128_Battery BT3

DUT: 210105C01

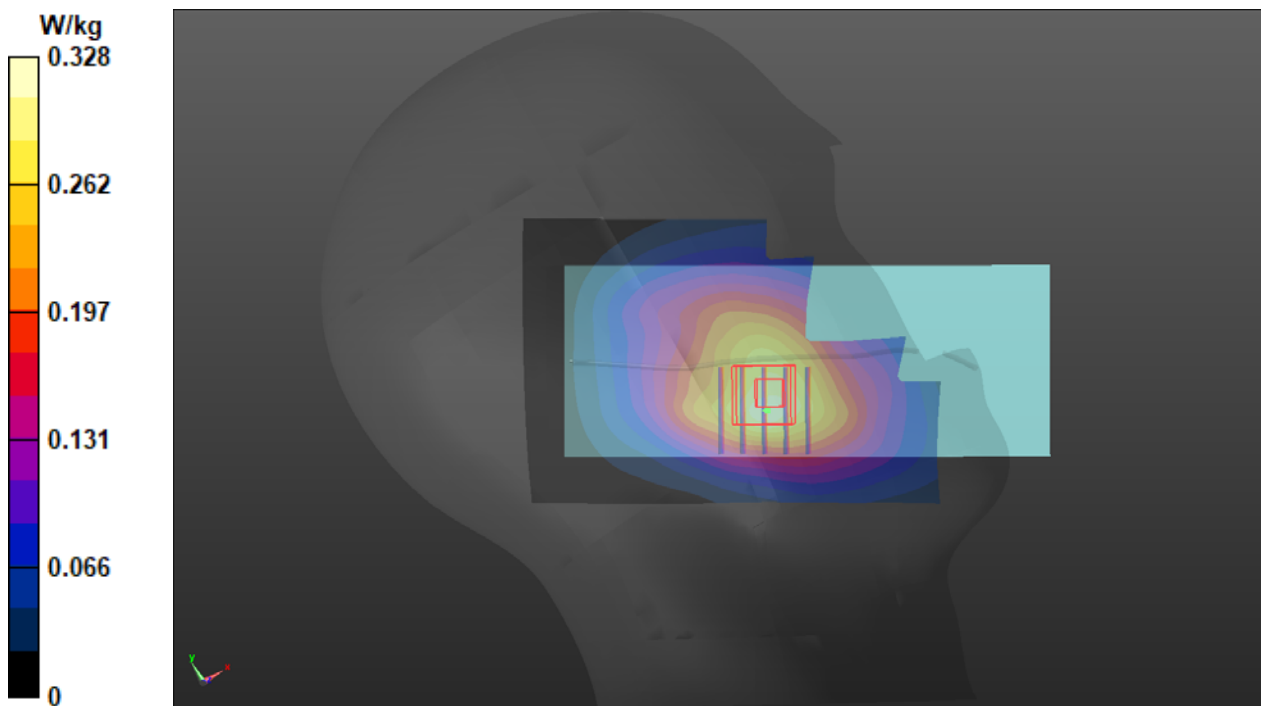
Communication System: UID 10028 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 824.2 MHz; Duty Cycle: 1:2.27
Medium: H07T10N1_0708 Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 40.919$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(9.69, 9.69, 9.69) @ 824.2 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.328 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.13 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.191 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 18.6 mm
Ratio of SAR at M2 to SAR at M1 = 75.6%
Maximum value of SAR (measured) = 0.300 W/kg



P02 GSM1900_GPRS12_Left Cheek_Ch512_Battery BT3

DUT: 210105C01

Communication System: UID 10028 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1850.2 MHz; Duty Cycle: 1:2.27

Medium: H16T20N1_0708 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.416$ S/m; $\epsilon_r = 38.168$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.17, 8.17, 8.17) @ 1850.2 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.352 W/kg

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

Reference Value = 16.67 V/m; Power Drift = -0.06 dB

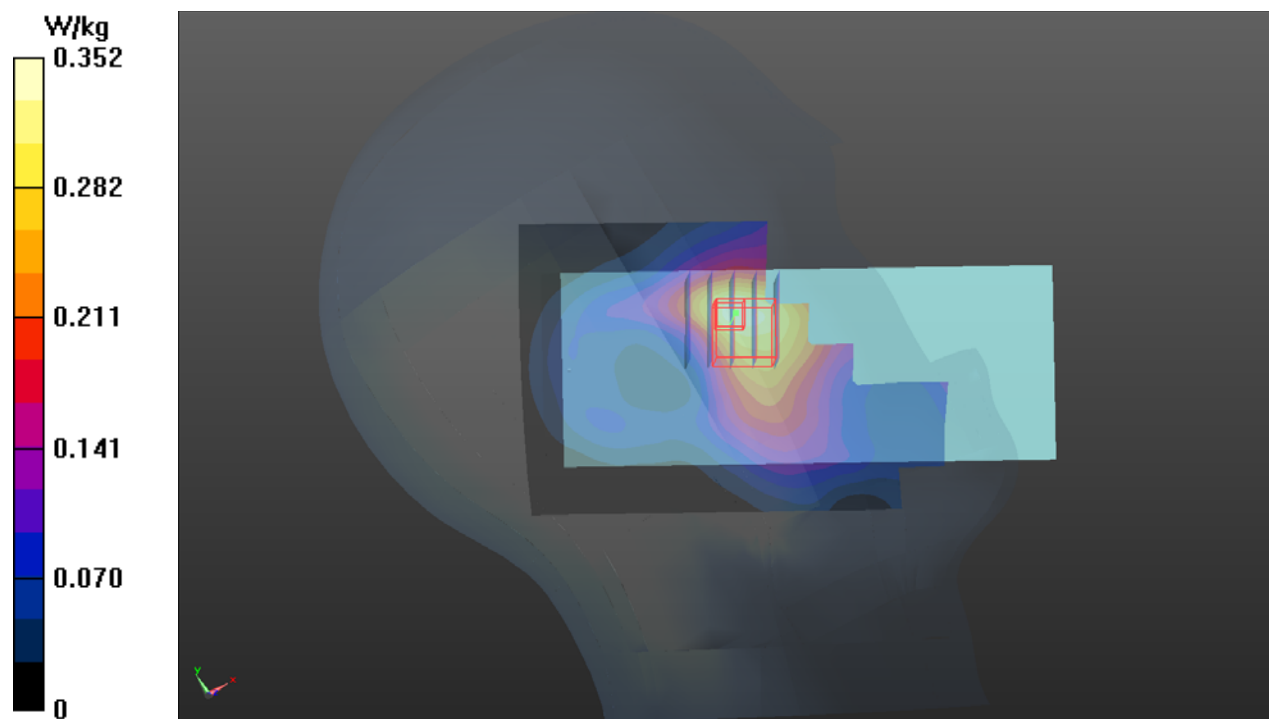
Peak SAR (extrapolated) = 0.360 W/kg

SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.146 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 70.9%

Maximum value of SAR (measured) = 0.333 W/kg



P03 WCDMA II_RMC12.2K_Left Cheek_Ch9262_Battery BT3

DUT: 210105C01

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1852.4 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0708 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.417$

S/m; $\epsilon_r = 38.159$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.17, 8.17, 8.17) @ 1852.4 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.412 W/kg

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

Reference Value = 17.92 V/m; Power Drift = -0.09 dB

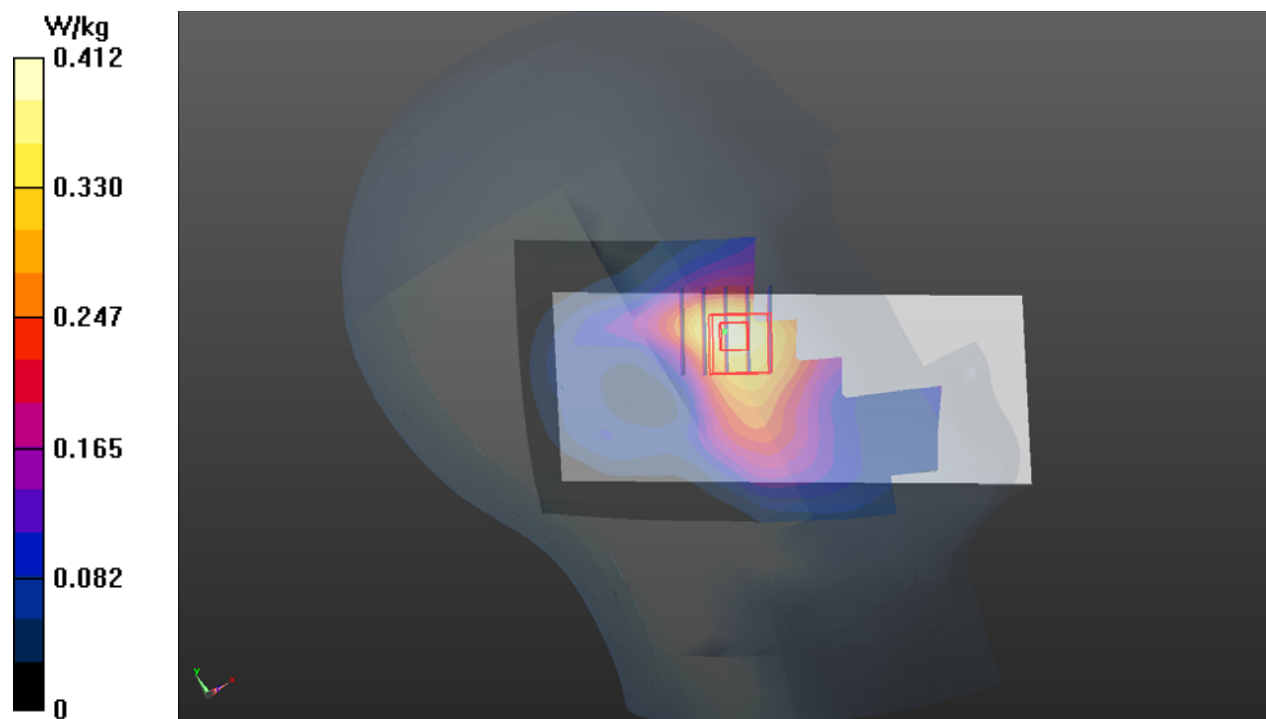
Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.206 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 18.7 mm

Ratio of SAR at M2 to SAR at M1 = 69.4%

Maximum value of SAR (measured) = 0.385 W/kg



P04 WCDMA V_RMC12.2K_Left Cheek_Ch4132_Battery BT3

DUT: 210105C01

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:1.95

Medium: H07T10N1_0708 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.909$ S/m;

$\epsilon_r = 43.019$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.83, 9.83, 9.83) @ 826.4 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.459 W/kg

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

Reference Value = 22.51 V/m; Power Drift = 0.02 dB

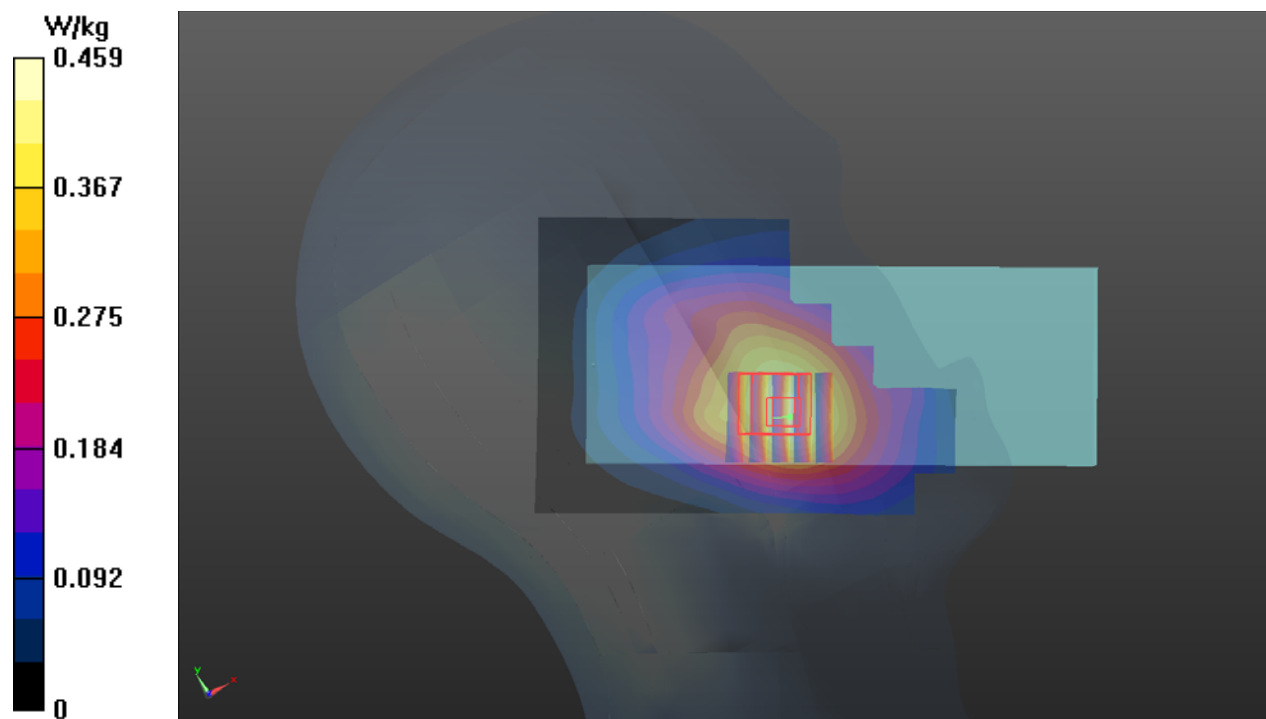
Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.302 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 80.3%

Maximum value of SAR (measured) = 0.455 W/kg



P06 LTE 4_QPSK20M_Left Cheek_Ch20175_1RB_OS0_Battery BT3

DUT: 210105C01

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1732.5 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0708 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.308$ S/m; $\epsilon_r = 39.072$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.6, 8.6, 8.6) @ 1732.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.122 W/kg

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

Reference Value = 9.615 V/m; Power Drift = -0.01 dB

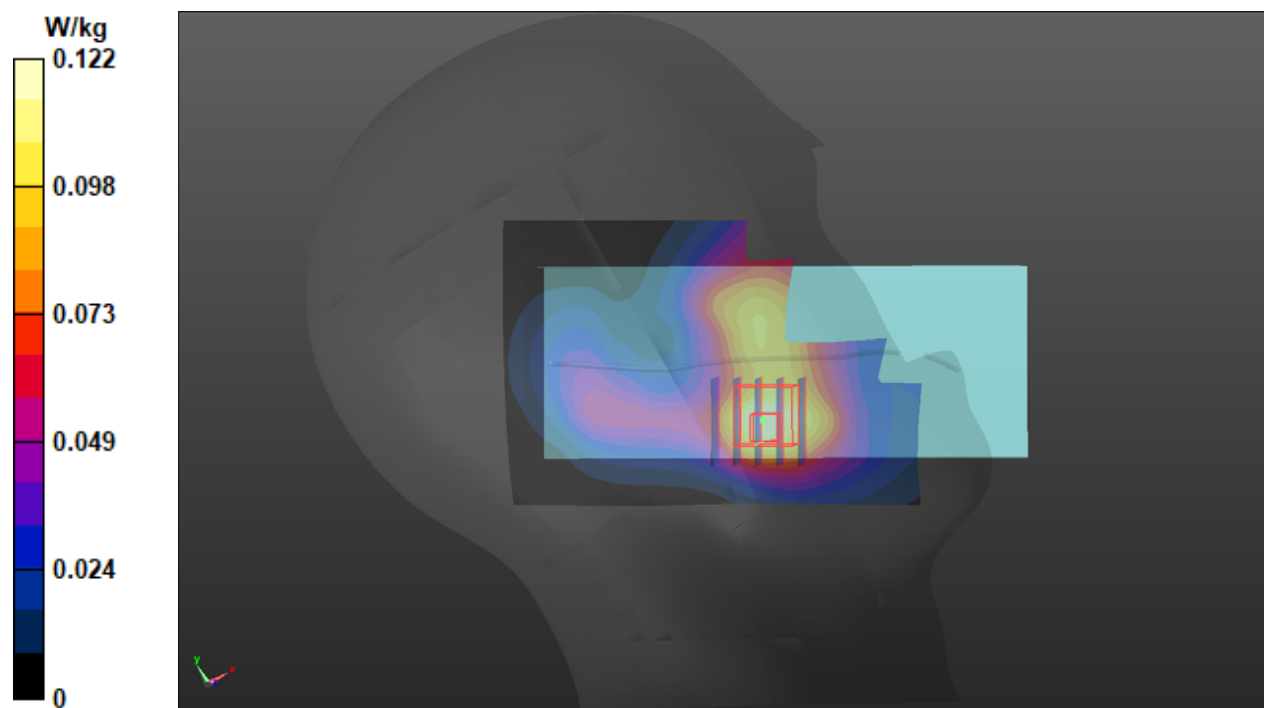
Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.061 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.5%

Maximum value of SAR (measured) = 0.124 W/kg



P07 LTE 5_QPSK10M_Left Cheek_Ch20525_1RB_OS0_Battery BT3

DUT: 210105C01

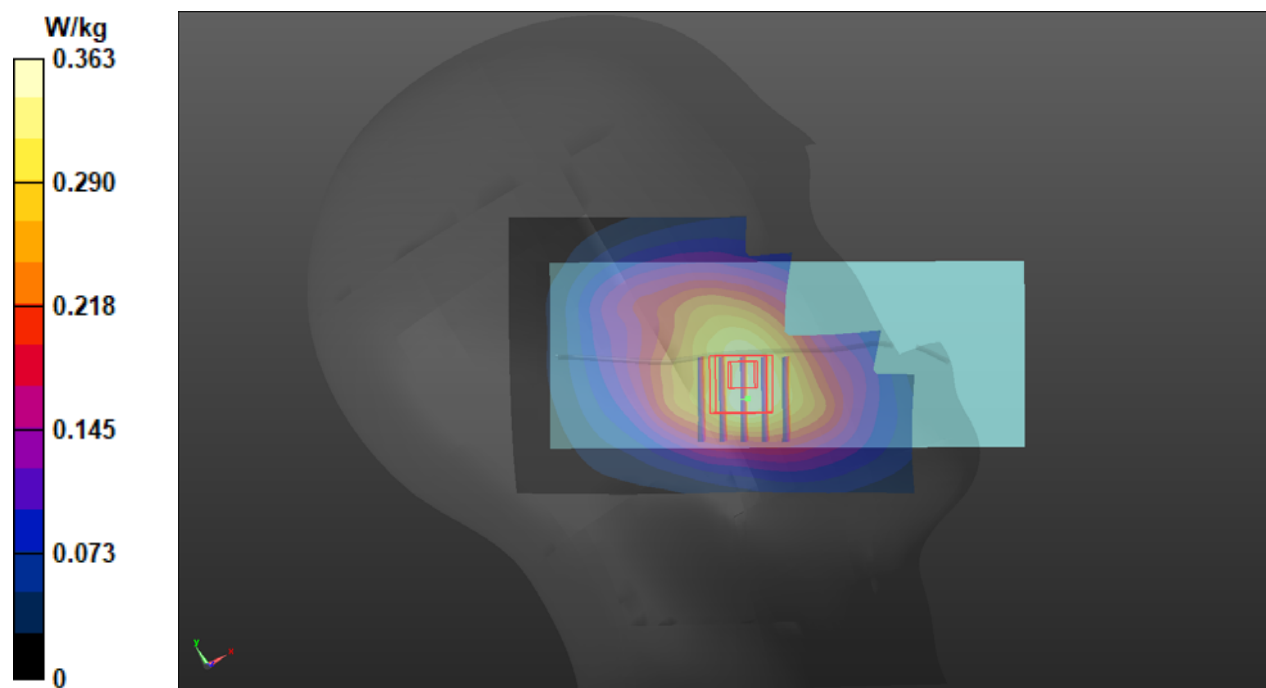
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 836.5 MHz; Duty Cycle: 1:3.74
Medium: H07T10N1_0706 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.908$ S/m;
 $\epsilon_r = 40.78$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(9.69, 9.69, 9.69) @ 836.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.363 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.28 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.380 W/kg
SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.222 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 22.5 mm
Ratio of SAR at M2 to SAR at M1 = 75.8%
Maximum value of SAR (measured) = 0.347 W/kg



P08 LTE 7_QPSK20M_Right Cheek_Ch21100_1RB_OS0_Battery BT3

DUT: 210105C01

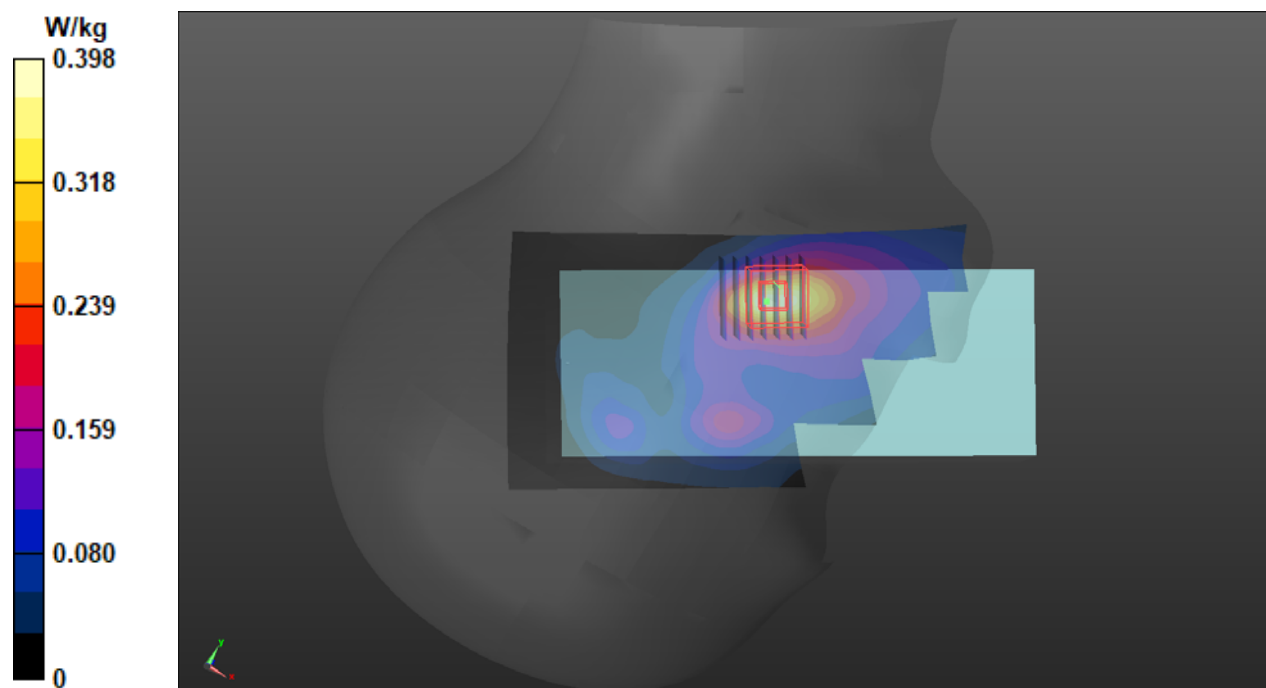
Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2535 MHz; Duty Cycle: 1:3.74
Medium: H19T27N1_0706 Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.973$ S/m;
 $\epsilon_r = 38.062$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.36, 7.36, 7.36) @ 2535 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.398 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.96 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.137 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 51.4%
Maximum value of SAR (measured) = 0.389 W/kg



P09 LTE 12_QPSK10M_Left Cheek_Ch23095_1RB_OS0_Battery BT3

DUT: 210105C01

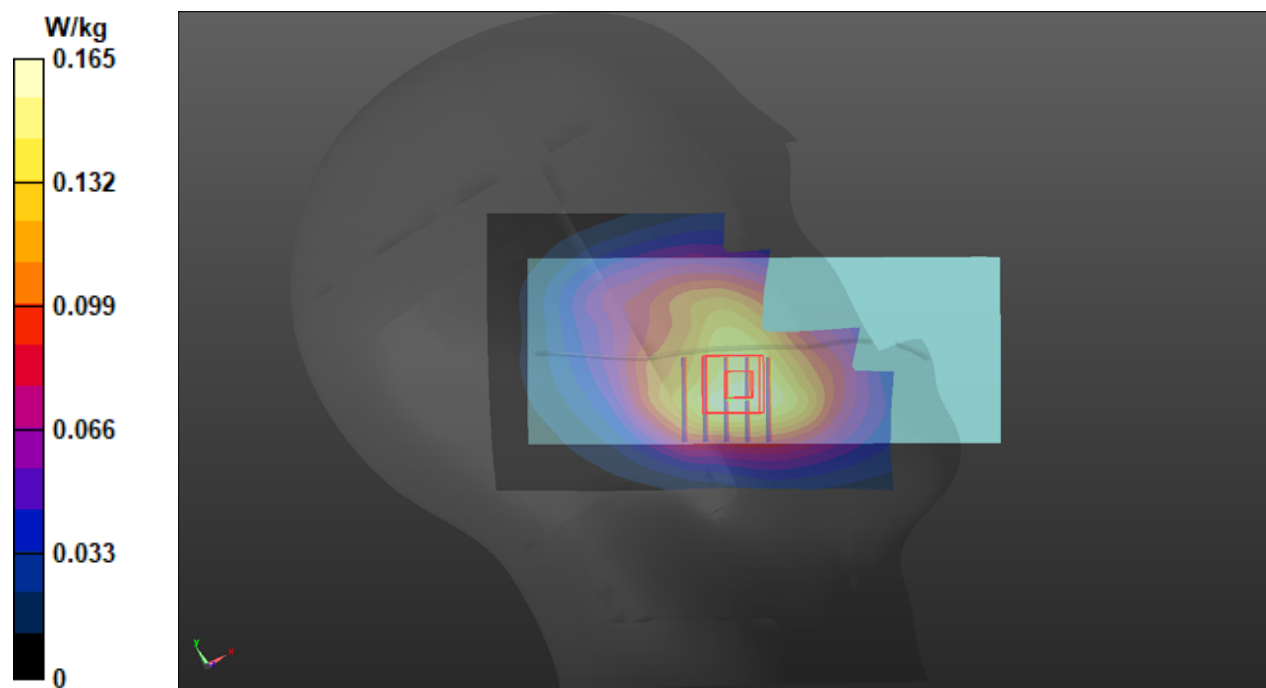
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 707.5 MHz; Duty Cycle: 1:3.74
Medium: H06T09N1_0706 Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.845$ S/m;
 $\epsilon_r = 43.109$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(10, 10, 10) @ 707.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.165 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.64 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.104 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 20.6 mm
Ratio of SAR at M2 to SAR at M1 = 75.6%
Maximum value of SAR (measured) = 0.155 W/kg



P10 LTE 13_QPSK10M_Left Cheek_Ch23230_1RB_OS0_Battery BT3

DUT: 210105C01

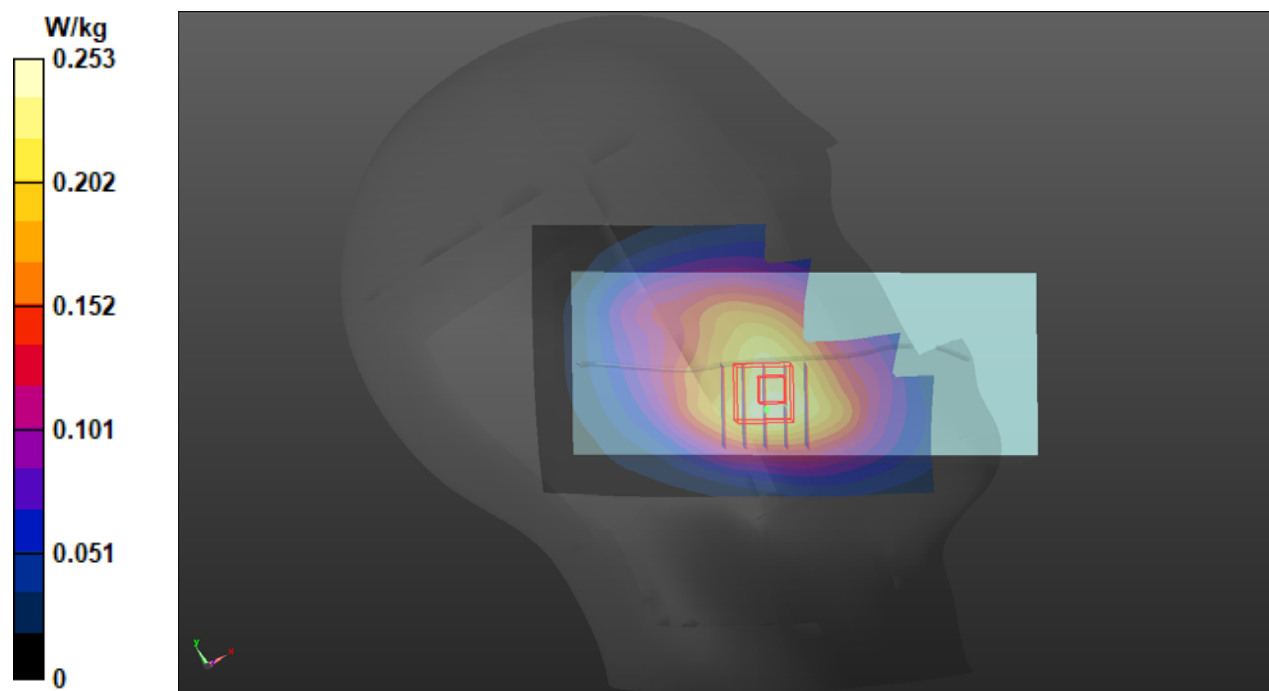
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 782 MHz; Duty Cycle: 1:3.74
Medium: H06T09N1_0706 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.911 \text{ S/m}$; $\epsilon_r = 42.056$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23.7 °C; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(10, 10, 10) @ 782 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.253 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 17.21 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.264 W/kg
SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.152 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 22.4 mm
Ratio of SAR at M2 to SAR at M1 = 74.6%
Maximum value of SAR (measured) = 0.237 W/kg



P11 LTE 25_QPSK20M_Left Cheek_Ch26140_1RB_OS0_Battery BT3

DUT: 210105C01

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1860 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0706 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.424$ S/m; $\epsilon_r = 38.656$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.42, 8.42, 8.42) @ 1860 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15

- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;

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

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

Maximum value of SAR (interpolated) = 0.299 W/kg

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

Reference Value = 14.50 V/m; Power Drift = -0.04 dB

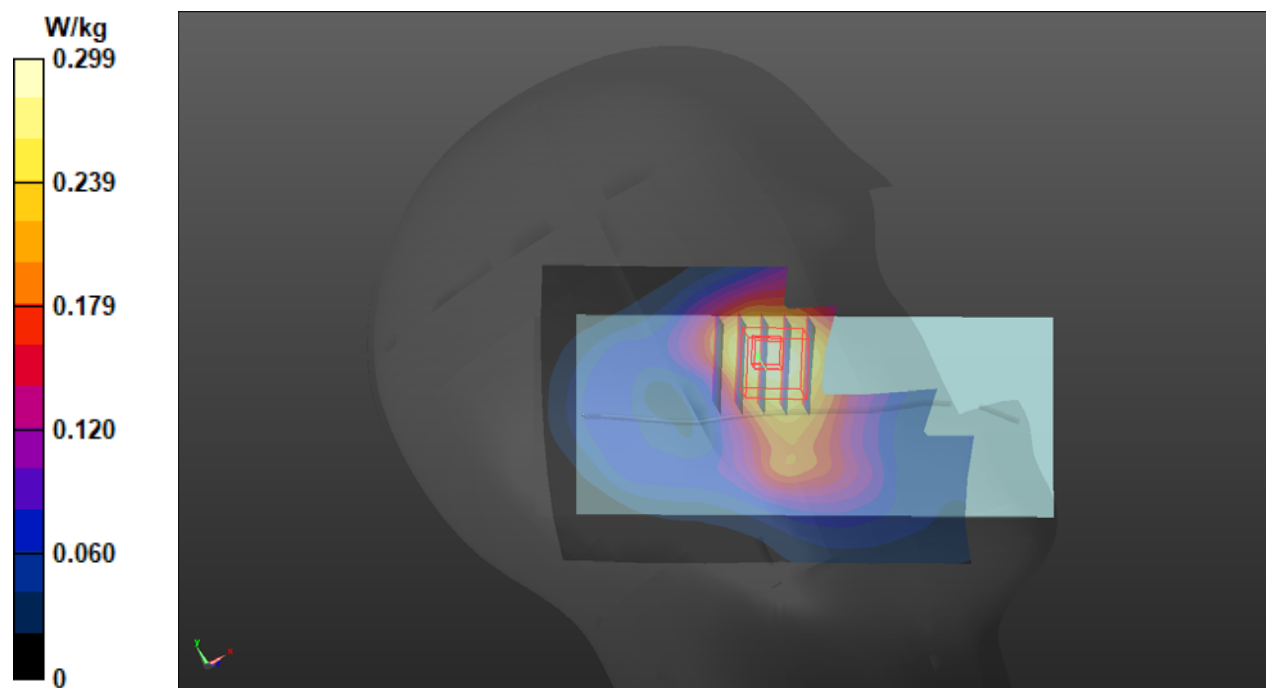
Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.148 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 18.2 mm

Ratio of SAR at M2 to SAR at M1 = 67.6%

Maximum value of SAR (measured) = 0.294 W/kg



P12 WLAN2.4G_802.11b_Left Cheek_Ch6_Ant0+1_Battery BT3

DUT: 210105C01

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);

Frequency: 2437 MHz; Duty Cycle: 1:1.01

Medium: H19T27N1_0706 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.878$ S/m; $\epsilon_r = 37.788$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.41, 7.41, 7.41) @ 2437 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

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

Reference Value = 23.32 V/m; Power Drift = -0.16 dB

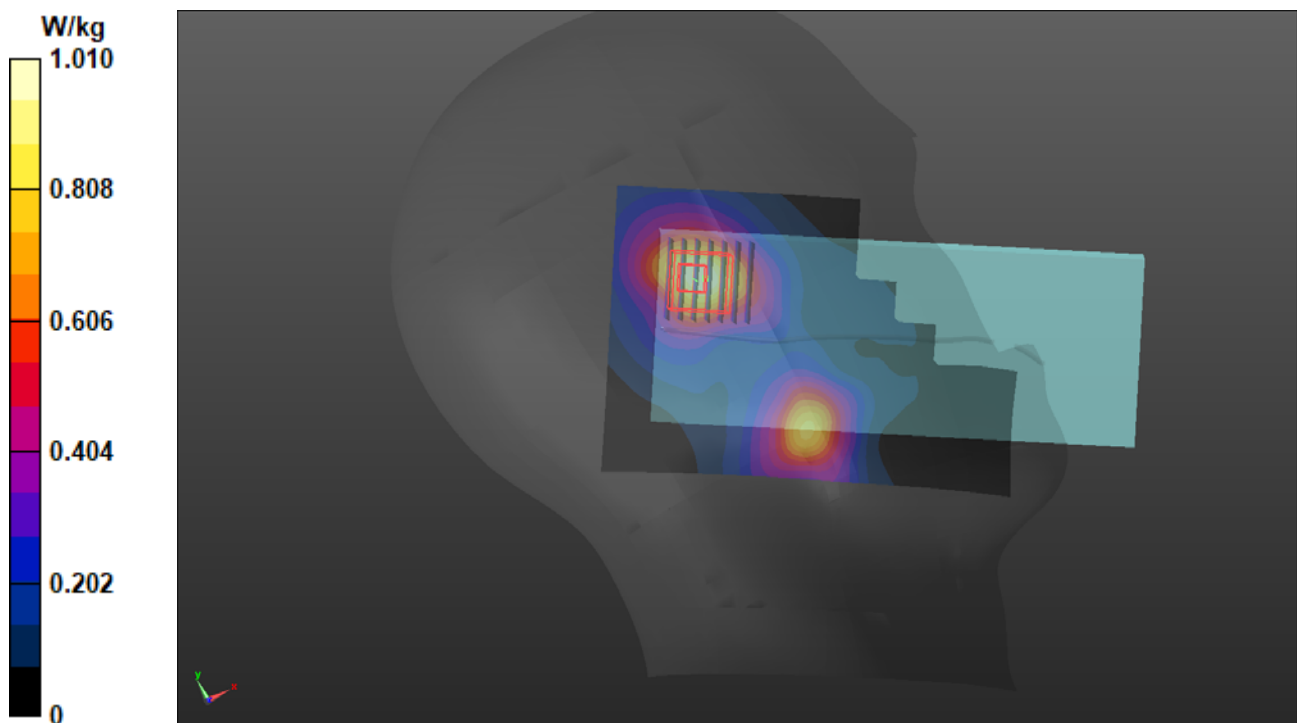
Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.337 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 16.6 mm

Ratio of SAR at M2 to SAR at M1 = 56.6%

Maximum value of SAR (measured) = 0.917 W/kg



P13 WLAN5.3G_802.11a_Right Tilted_Ch60_Ant0+1_Battery BT3

DUT: 210105C01

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps);
Frequency: 5300 MHz; Duty Cycle: 1:1.04
Medium: H34T60N1_0714 Medium parameters used (interpolated): $f = 5300 \text{ MHz}$; $\sigma = 4.701 \text{ S/m}$;
 $\epsilon_r = 37.036$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5.41, 5.41, 5.41) @ 5300 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 0.822 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 14.57 V/m; Power Drift = -0.14 dB

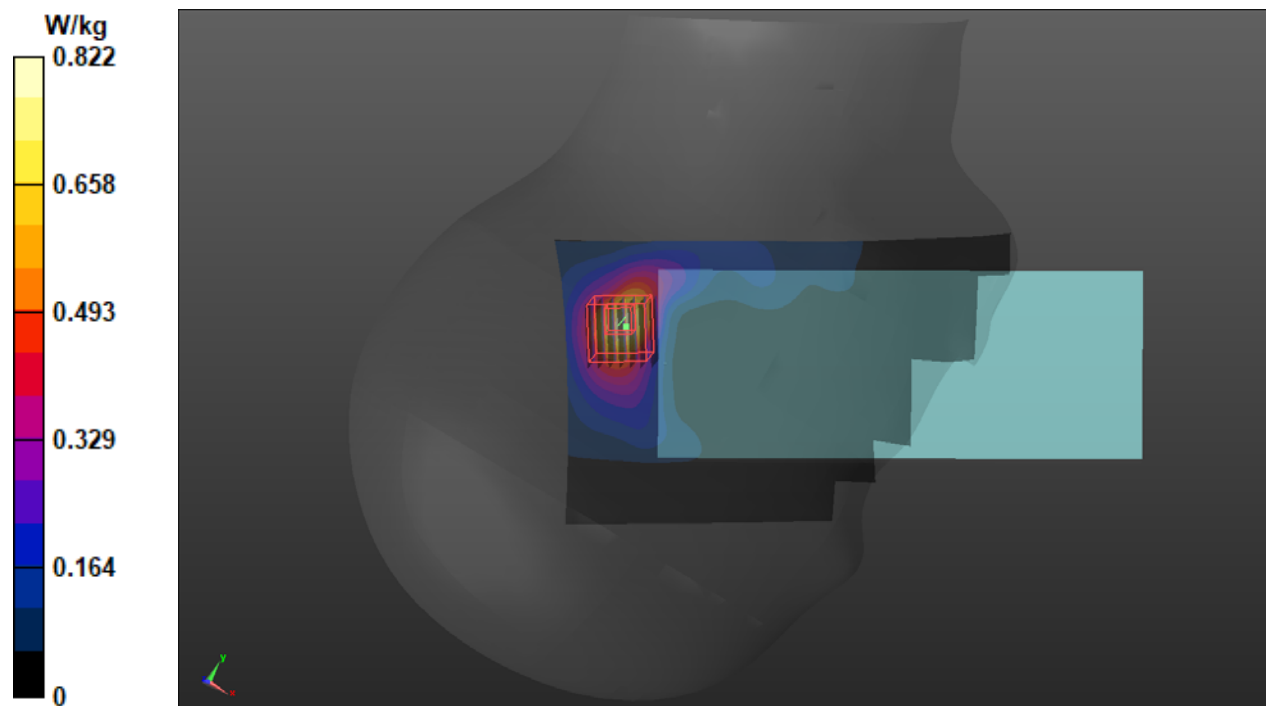
Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.164 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 68.1%

Maximum value of SAR (measured) = 0.860 W/kg



P15 WLAN5.6G_802.11ac VHT80_Right Tilted_Ch138_Ant0+1_Battery BT3

DUT: 210105C01

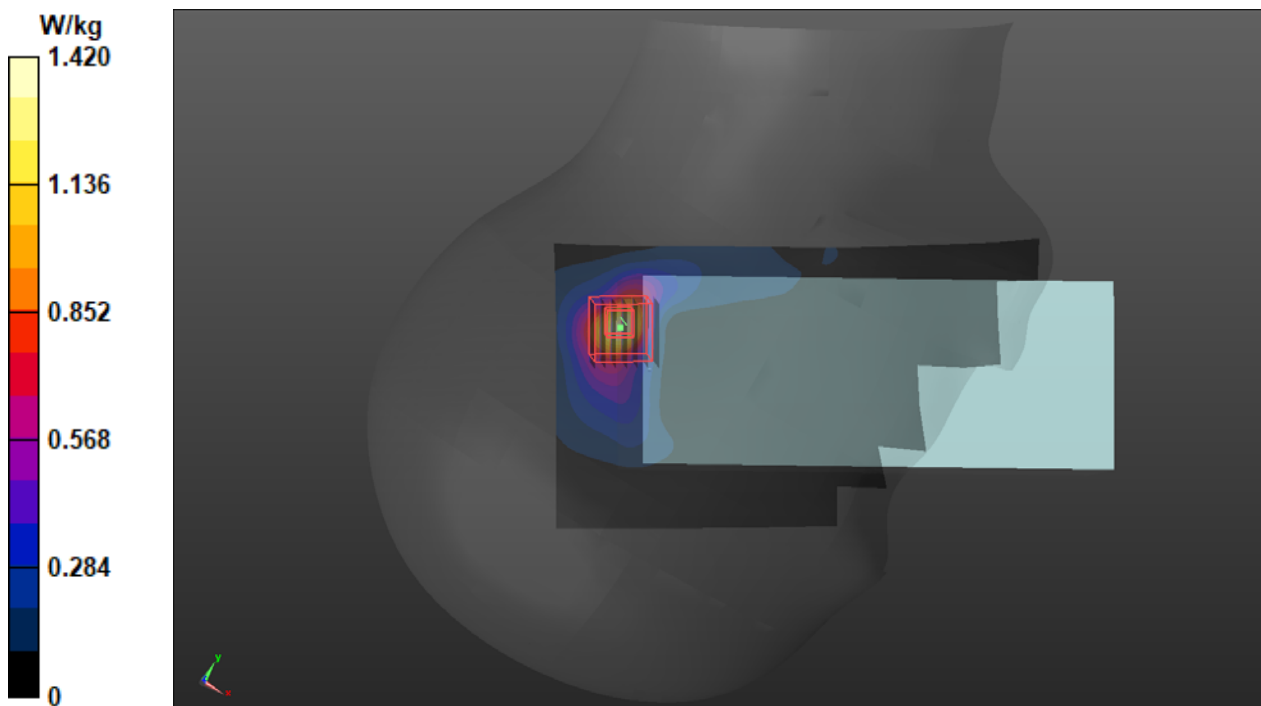
Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5690 MHz; Duty Cycle: 1:1.18
Medium: H34T60N1_0714 Medium parameters used (interpolated): $f = 5690$ MHz; $\sigma = 5.088$ S/m; $\epsilon_r = 36.54$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5, 5, 5) @ 5690 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.42 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.87 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.25 W/kg
SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.249 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 65%
Maximum value of SAR (measured) = 1.43 W/kg



P16 WLAN5.8G_802.11ac VHT40_Right Tilted_Ch151_Ant0+1_Battery BT3

DUT: 210105C01

Communication System: UID 10534 - AAC, IEEE 802.11ac WiFi (40MHz, MCS0); Frequency: 5755 MHz; Duty Cycle: 1:1.08
Medium: H34T60N1_0714 Medium parameters used (interpolated): $f = 5755 \text{ MHz}$; $\sigma = 5.146 \text{ S/m}$; $\epsilon_r = 36.448$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5, 5, 5) @ 5755 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 1.88 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 17.27 V/m; Power Drift = 0.03 dB

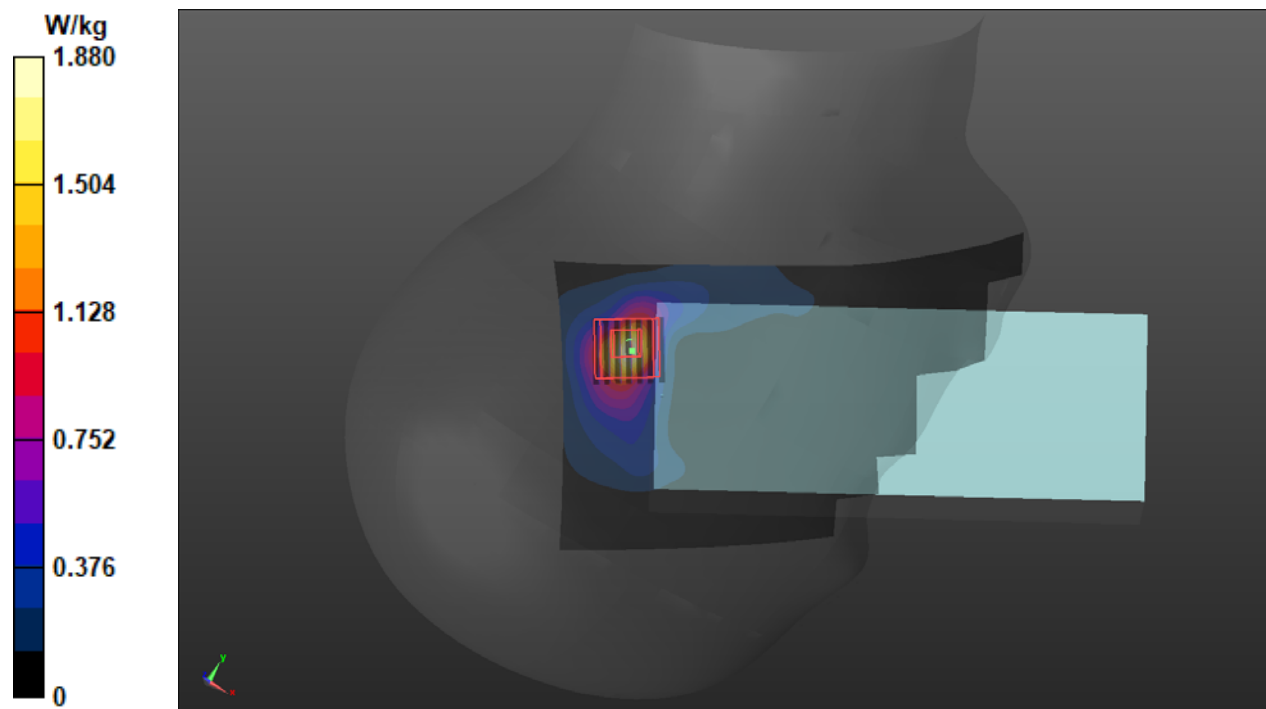
Peak SAR (extrapolated) = 2.89 W/kg

SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.317 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 64.2%

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



P17 BT_BDR_Left Cheek_Ch39_Ant1_Battery BT3

DUT: 210105C01

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium: H19T27N1_0706 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.882$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.41, 7.41, 7.41) @ 2441 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0389 W/kg

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

Reference Value = 4.346 V/m; Power Drift = -0.04 dB

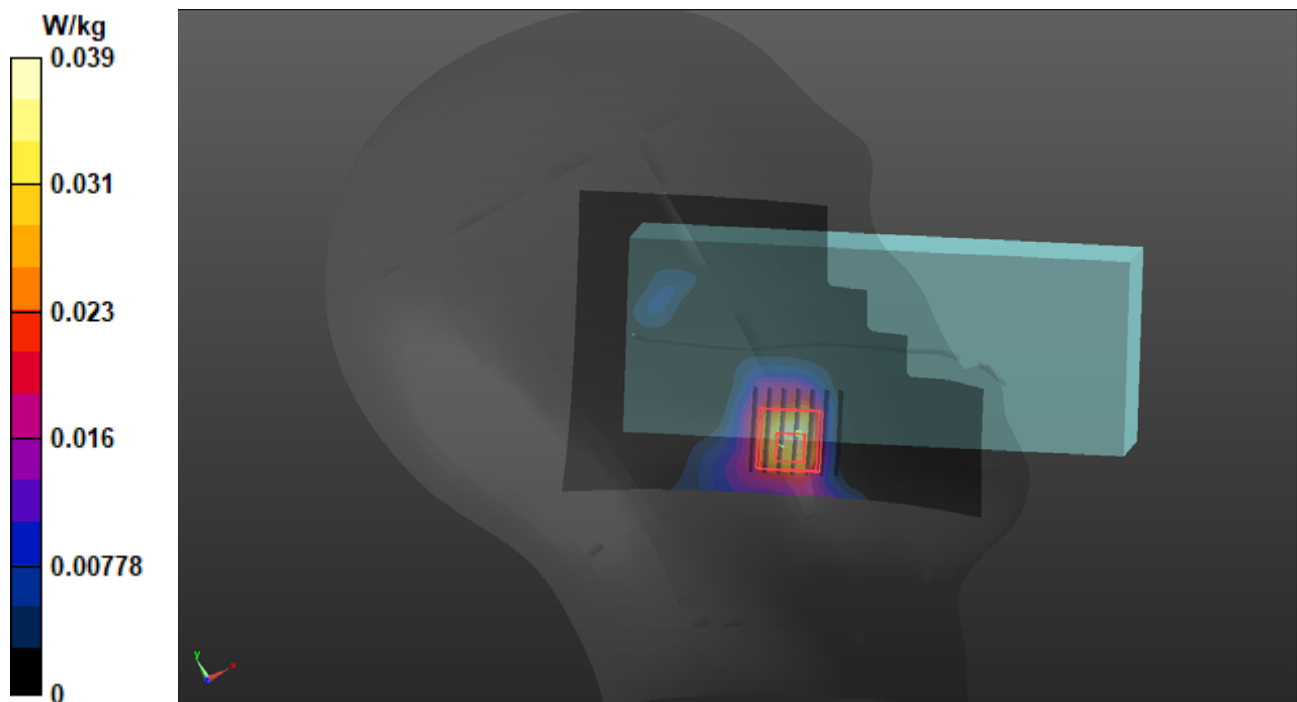
Peak SAR (extrapolated) = 0.0430 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00993 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 46.6%

Maximum value of SAR (measured) = 0.0339 W/kg



P18 GSM850_GPRS12_Front Face_10mm_Ch128_Battery BT3

DUT: 210105C01

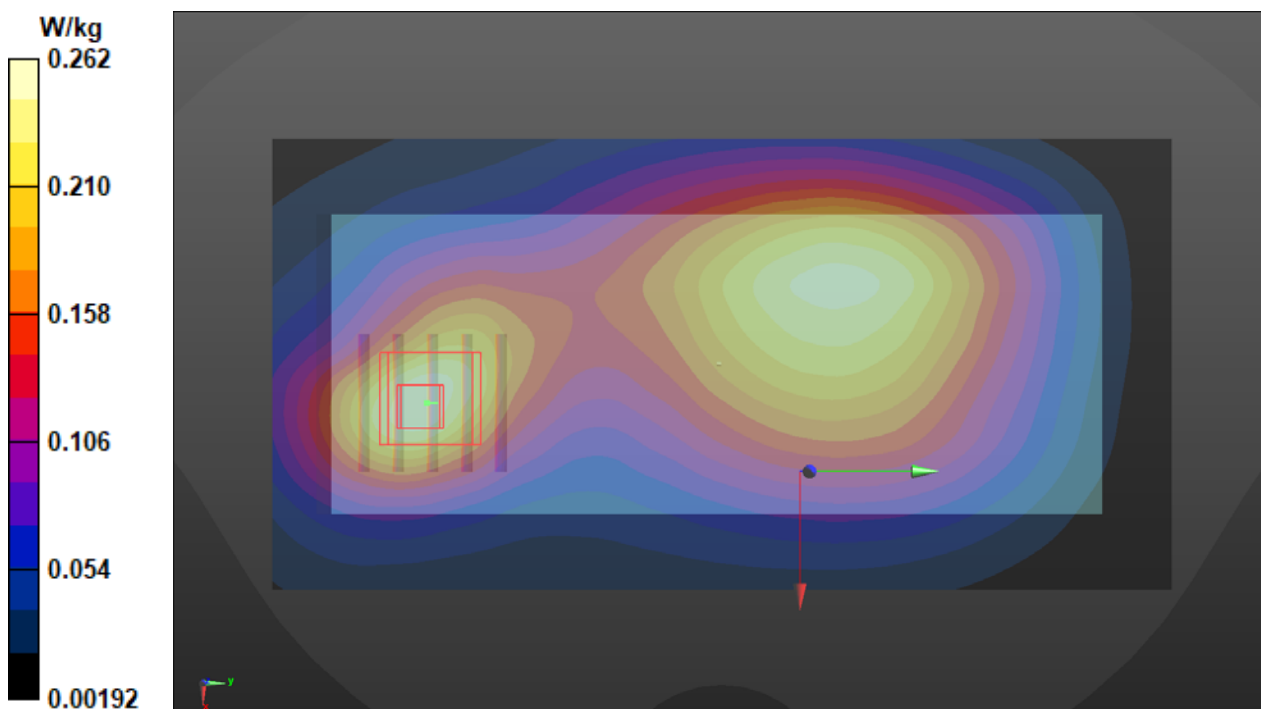
Communication System: UID 10028 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 824.2 MHz; Duty Cycle: 1:2.27
Medium: H07T10N1_0708 Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 40.919$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(9.69, 9.69, 9.69) @ 824.2 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.262 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.36 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.119 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 18.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.1%
Maximum value of SAR (measured) = 0.263 W/kg



P19 GSM1900_GPRS12_Front Face_10mm_Ch512_Battery BT3

DUT: 210105C01

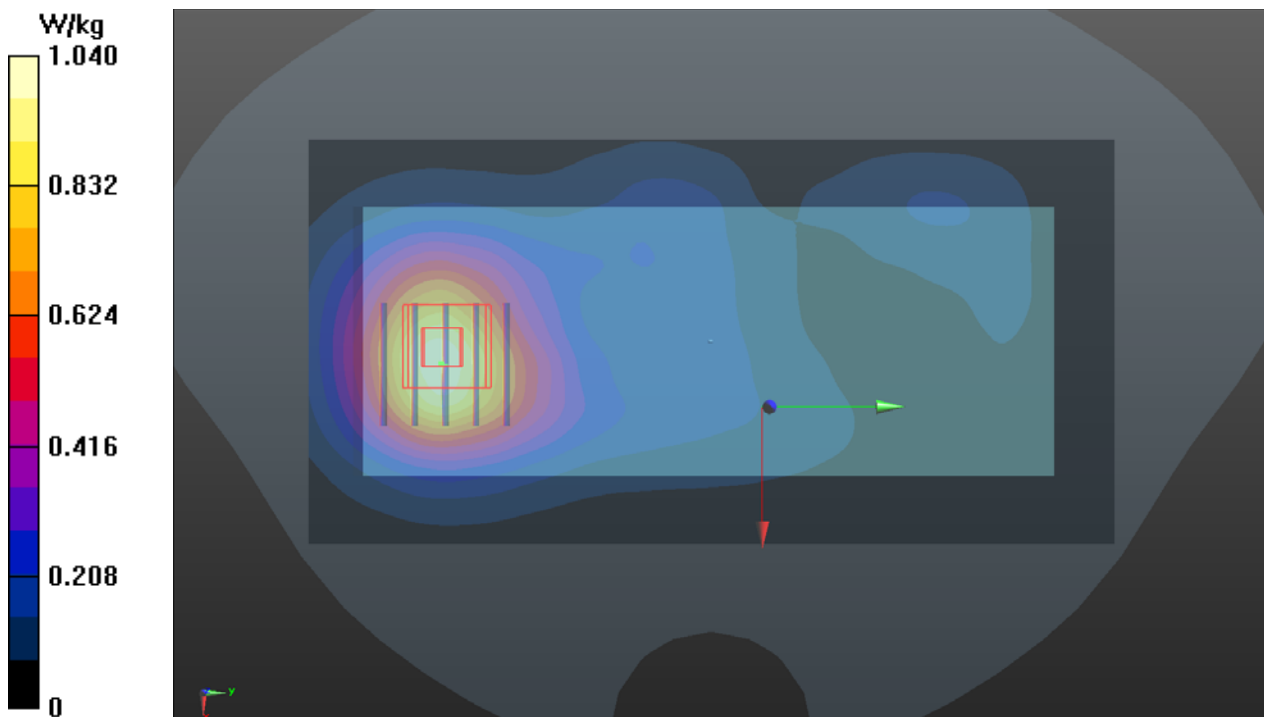
Communication System: UID 10028 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1850.2 MHz; Duty Cycle: 1:2.27
Medium: H16T20N1_0708 Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.416 \text{ S/m}$; $\epsilon_r = 38.168$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.8 \text{ }^\circ\text{C}$; Liquid Temperature : $23.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.17, 8.17, 8.17) @ 1850.2 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.04 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 31.20 V/m ; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 4.10 W/kg
SAR(1 g) = 0.904 W/kg ; SAR(10 g) = 0.562 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 20.5 mm
Ratio of SAR at M2 to SAR at M1 = 64.3%
Maximum value of SAR (measured) = 1.29 W/kg



P20 WCDMA II_RMC12.2K_Front Face_10mm_Ch9400_Battery BT3

DUT: 210105C01

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0708 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.439$ S/m; $\epsilon_r = 38.062$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.17, 8.17, 8.17) @ 1880 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 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 = 31.81 V/m; Power Drift = -0.14 dB

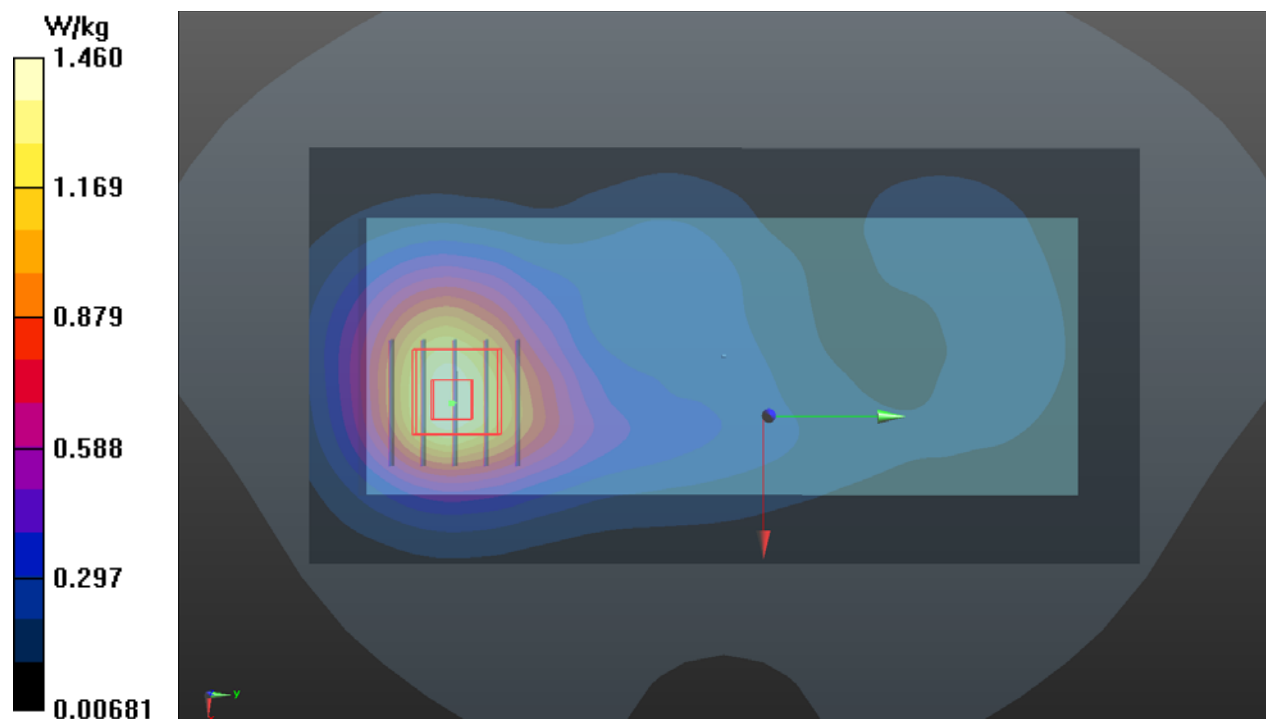
Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.643 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 20.4 mm

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

Maximum value of SAR (measured) = 1.44 W/kg



P21 WCDMA V_RMC12.2K_Rear Face_10mm_Ch4132_Battery BT3

DUT: 210105C01

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:1.95

Medium: H07T10N1_0708 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.909$ S/m;

$\epsilon_r = 43.019$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.83, 9.83, 9.83) @ 826.4 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.444 W/kg

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

Reference Value = 22.90 V/m; Power Drift = -0.03 dB

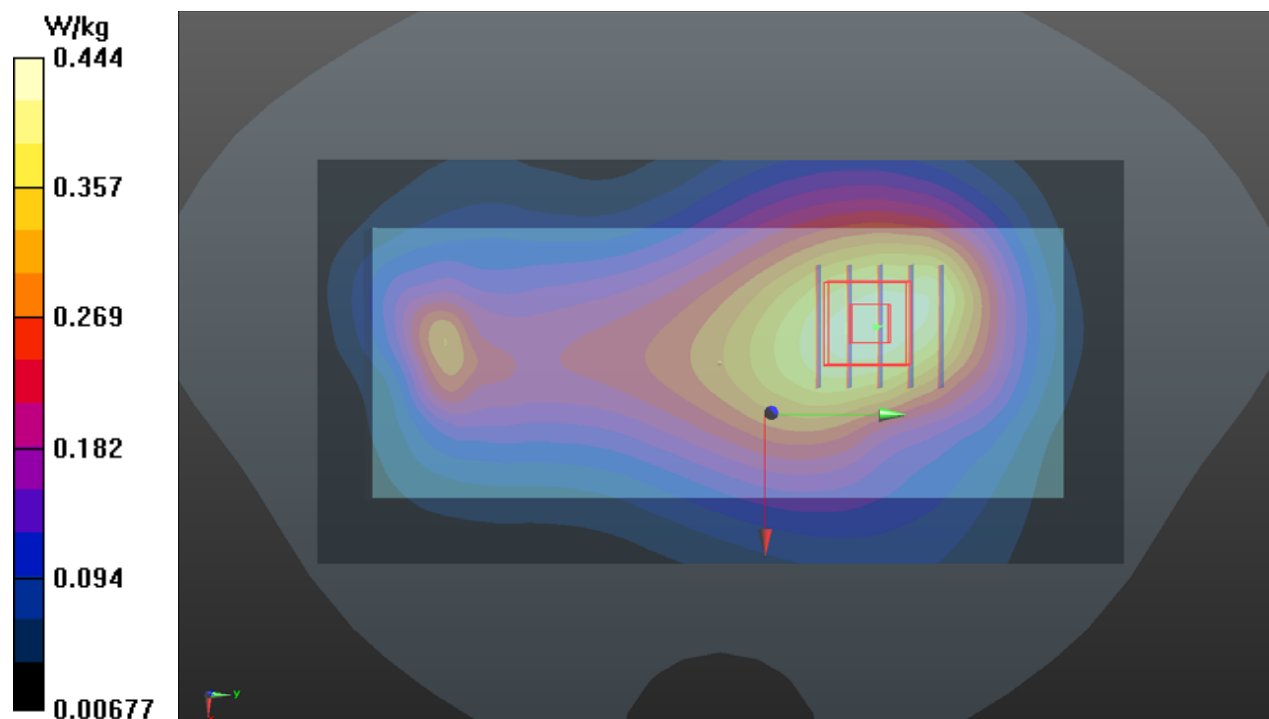
Peak SAR (extrapolated) = 0.479 W/kg

SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.272 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 76.4%

Maximum value of SAR (measured) = 0.442 W/kg



P23 LTE 4_QPSK20M_Rear Face_10mm_Ch20300_1RB_OS0_Battery BT3

DUT: 210105C01

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1745 MHz; Duty Cycle: 1:3.74

Medium: H16T20N2_0707 Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.328$ S/m; $\epsilon_r = 38.724$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.58, 8.58, 8.58) @ 1745 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.951 W/kg

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

Reference Value = 24.54 V/m; Power Drift = 0.02 dB

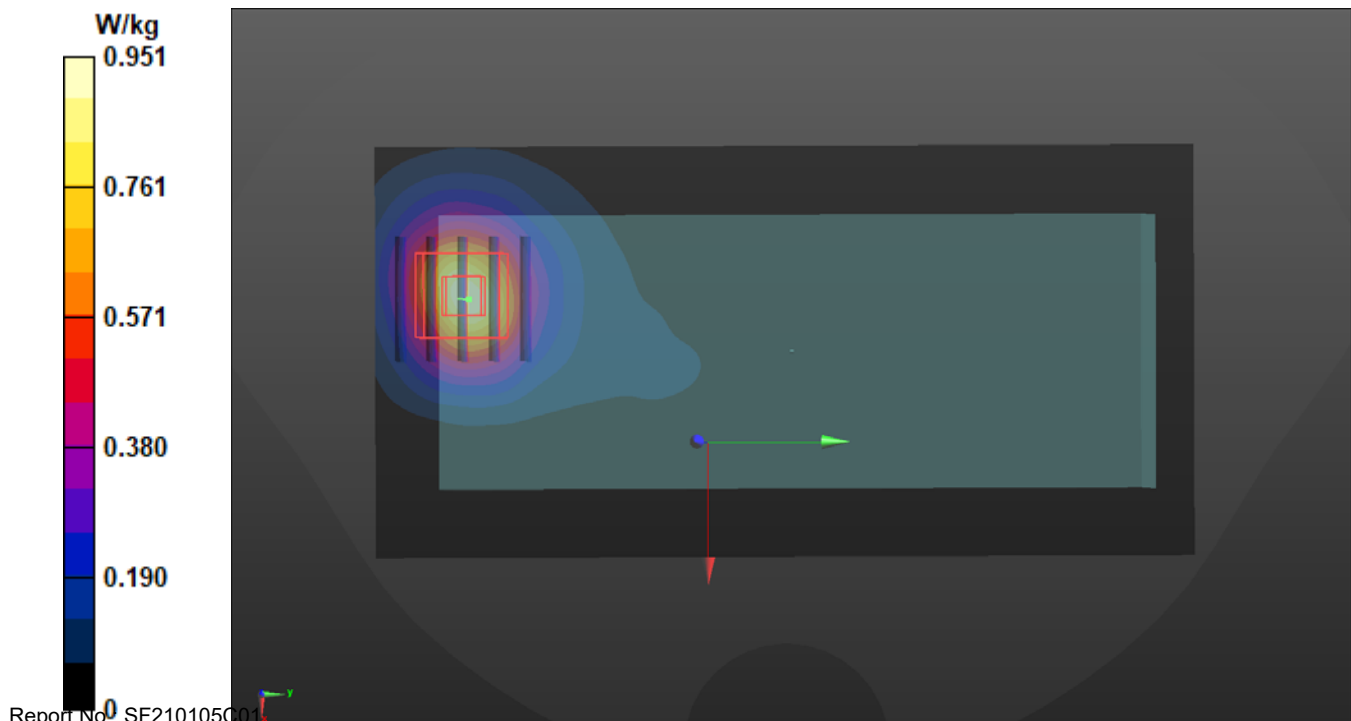
Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.358 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.8 mm

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

Maximum value of SAR (measured) = 0.988 W/kg



P24 LTE 5_QPSK10M_Rear Face_10mm_Ch20600_1RB_OS0_Battery BT3

DUT: 210105C01

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 844 MHz; Duty Cycle: 1:3.74

Medium: H07T10N1_0707 Medium parameters used: $f = 844.1$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 40.853$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.05, 10.05, 10.05) @ 844 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.383 W/kg

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

Reference Value = 21.18 V/m; Power Drift = -0.04 dB

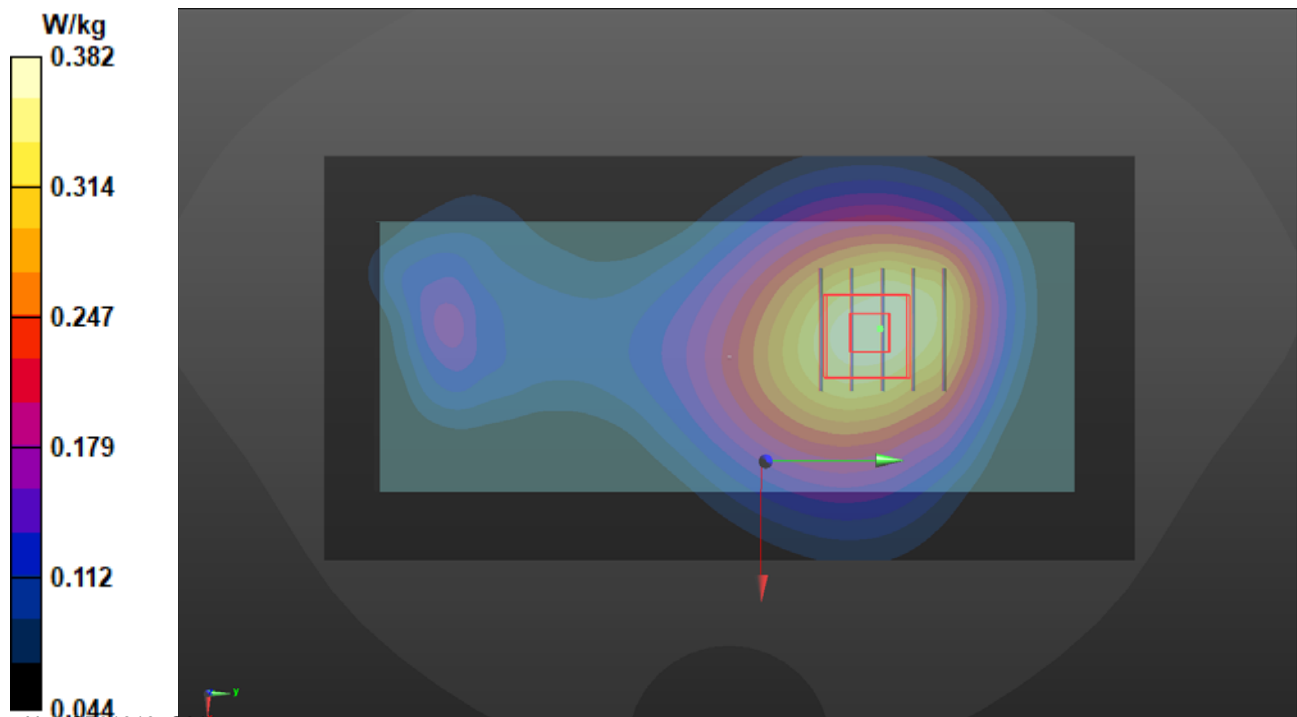
Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.223 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 72.5%

Maximum value of SAR (measured) = 0.382 W/kg



P25 LTE 7_QPSK20M_Front Face_10mm_Ch21350_1RB_OS0_Battery BT3

DUT: 210105C01

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2560 MHz; Duty Cycle: 1:3.74

Medium: H19T27N2_0707 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 38.41$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2560 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.455 W/kg

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

Reference Value = 15.81 V/m; Power Drift = -0.02 dB

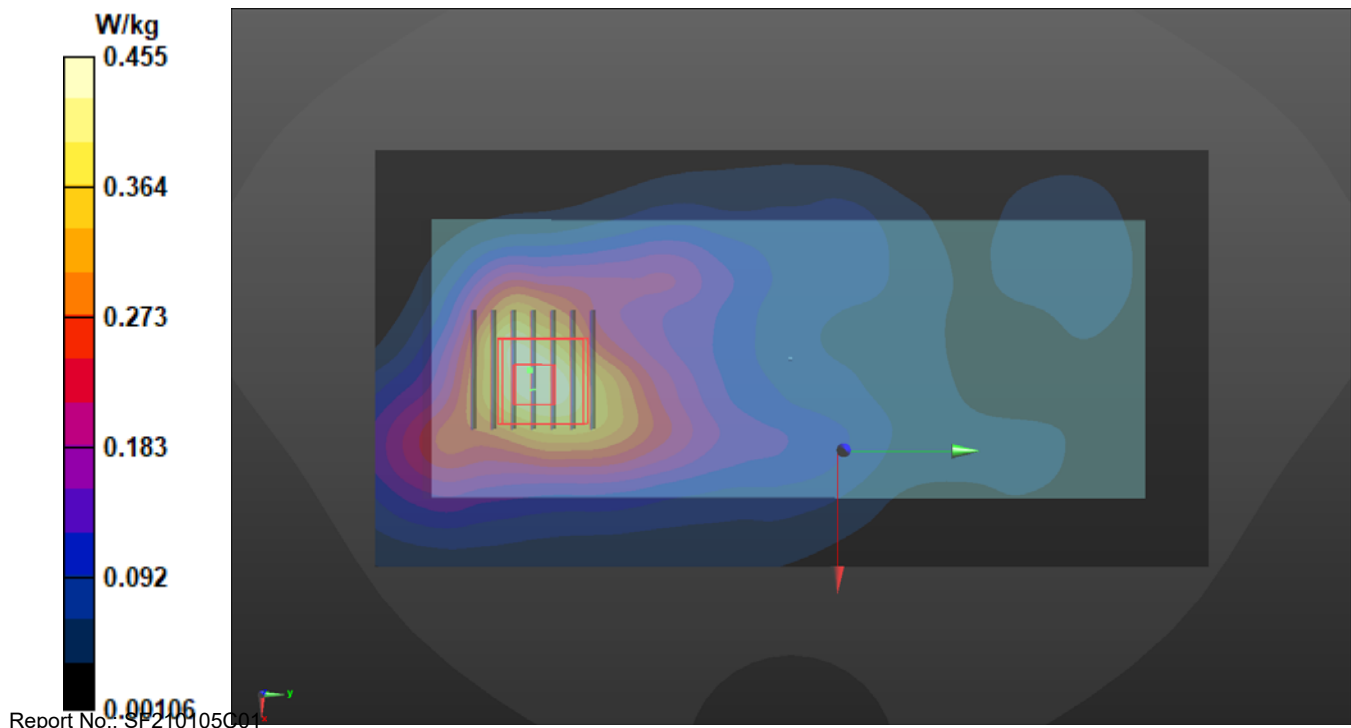
Peak SAR (extrapolated) = 0.557 W/kg

SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.176 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 21.3 mm

Ratio of SAR at M2 to SAR at M1 = 54.9%

Maximum value of SAR (measured) = 0.464 W/kg



P26 LTE 12_QPSK10M_Front Face_10mm_Ch23060_1RB_OS0_Battery BT3

DUT: 210105C01

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 704 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0707 Medium parameters used: $f = 704$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 43.818$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 704 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.154 W/kg

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

Reference Value = 14.06 V/m; Power Drift = 0.06 dB

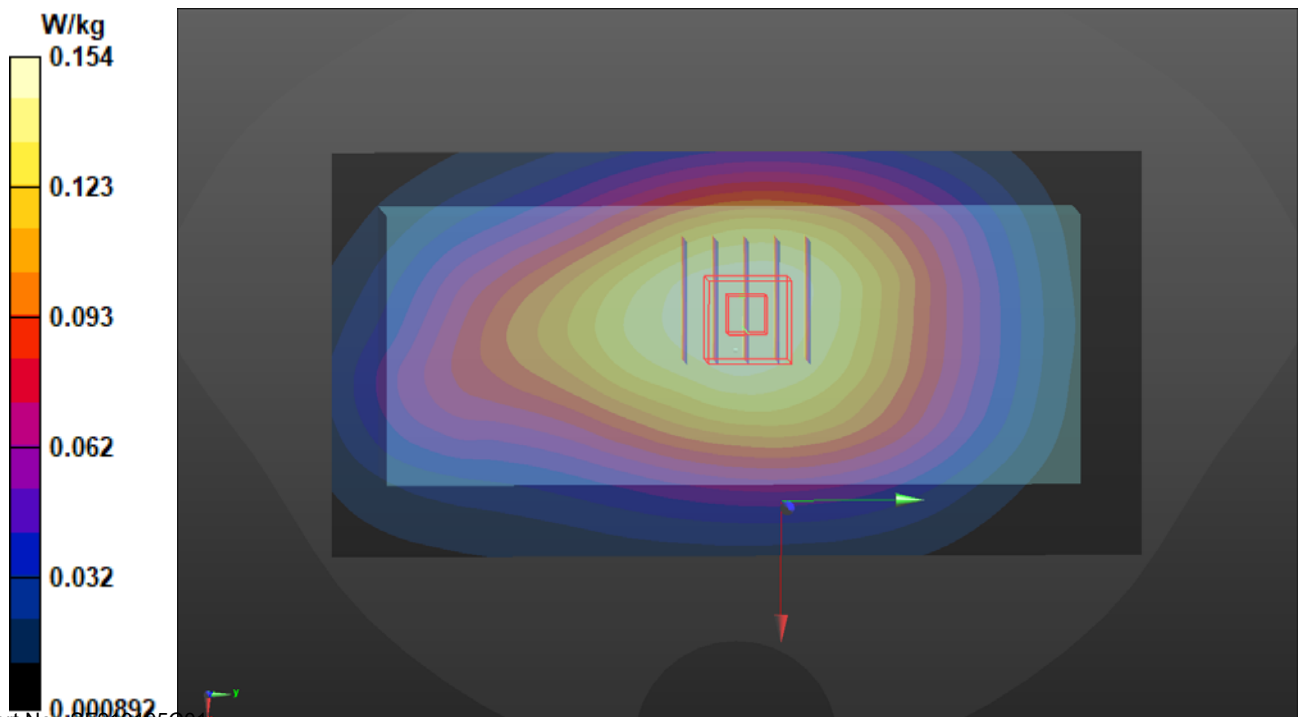
Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.103 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 77.5%

Maximum value of SAR (measured) = 0.153 W/kg



P27 LTE 13_QPSK10M_Rear Face_10mm_Ch23230_1RB_OS0_Battery BT3

DUT: 210105C01

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 782 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0707 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 42.718$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $23.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 782 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.259 W/kg

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

Reference Value = 17.51 V/m ; Power Drift = -0.03 dB

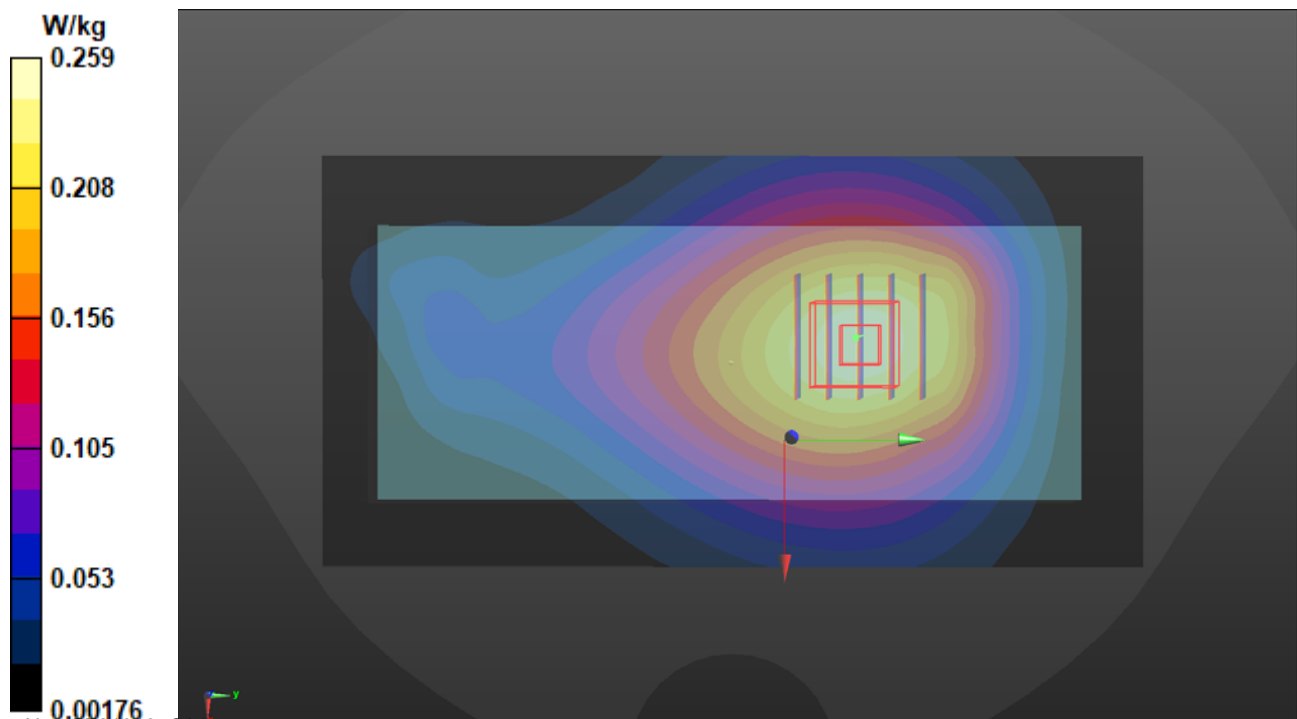
Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.207 W/kg ; SAR(10 g) = 0.153 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 74.2%

Maximum value of SAR (measured) = 0.258 W/kg



P28 LTE 25_QPSK20M_Front Face_10mm_Ch26365_1RB_OS0_Battery BT3

DUT: 210105C01

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1882.5 MHz; Duty Cycle: 1:3.74

Medium: H16T20N2_0707 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 38.186$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1882.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

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

Reference Value = 25.49 V/m; Power Drift = -0.02 dB

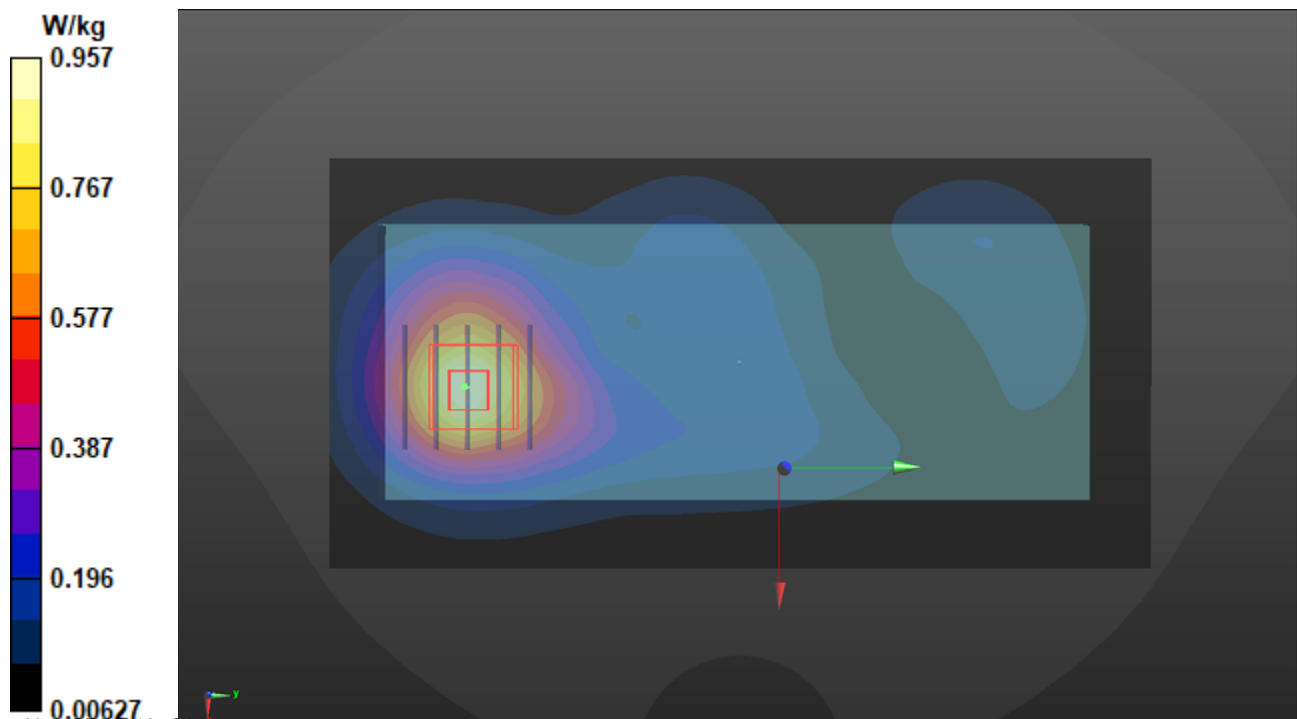
Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.634 W/kg; SAR(10 g) = 0.388 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 19.3 mm

Ratio of SAR at M2 to SAR at M1 = 60.4%

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



P29 WLAN2.4G_802.11b_Rear Face_10mm_Ch6_Ant1_Battery BT3

DUT: 210105C01

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);
Frequency: 2437 MHz; Duty Cycle: 1:1.01
Medium: H19T27N1_0709 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.856$ S/m;
 $\epsilon_r = 39.065$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.59, 7.59, 7.59) @ 2437 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.289 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.56 V/m; Power Drift = -0.08 dB

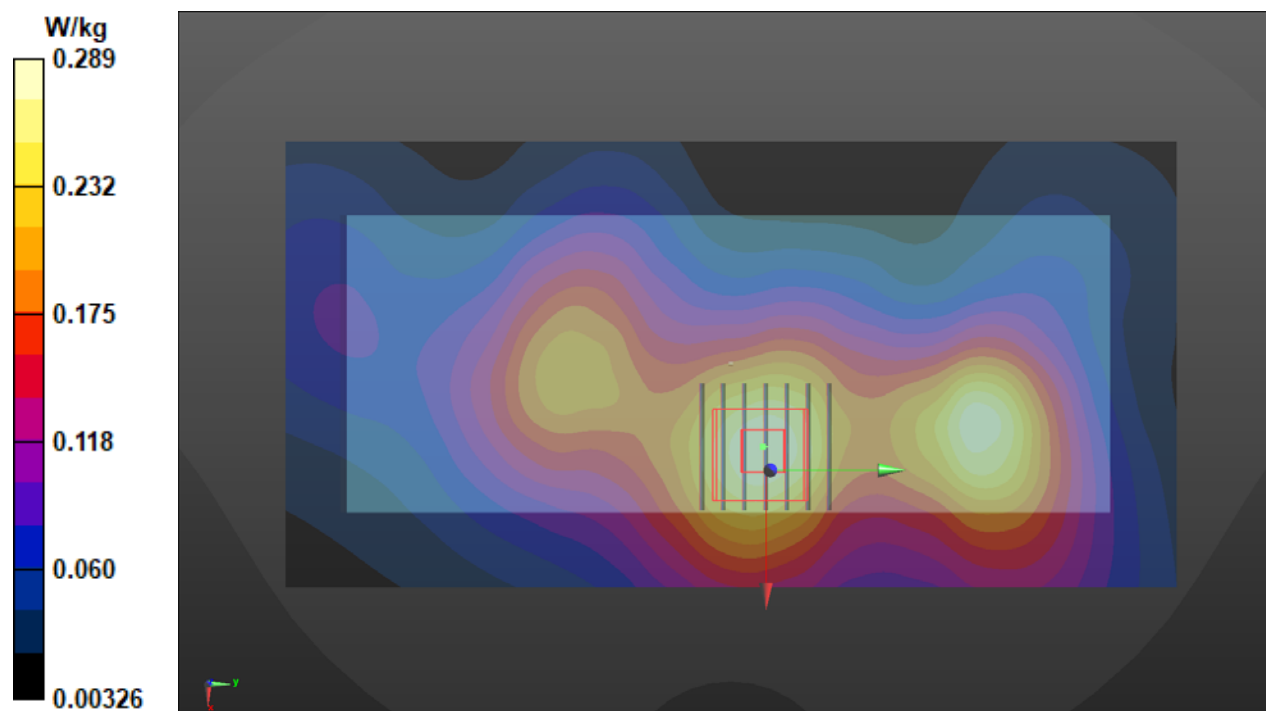
Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.113 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 54.1%

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



P30 WLAN5.3G_802.11a_Rear Face_10mm_Ch60_Ant1_Battery BT3

DUT: 210105C01

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps);

Frequency: 5300 MHz; Duty Cycle: 1:1.02

Medium: H34T60N1_0713 Medium parameters used (interpolated): $f = 5300 \text{ MHz}$; $\sigma = 4.838 \text{ S/m}$;

$\epsilon_r = 34.767$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5.41, 5.41, 5.41) @ 5300 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15

- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;

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

Area Scan (111x211x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.820 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 14.17 V/m; Power Drift = -0.01 dB

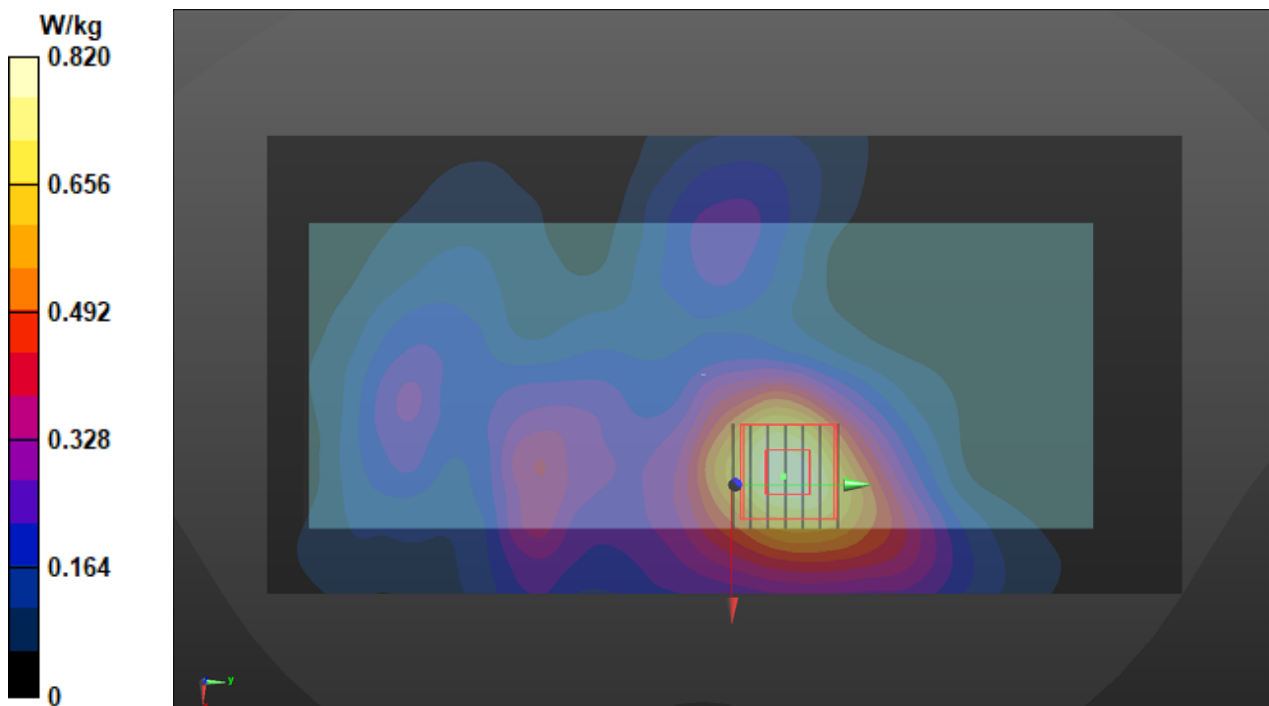
Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.176 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 65.1%

Maximum value of SAR (measured) = 0.794 W/kg



P32 WLAN5.6G_802.11ac VHT80_Rear Face_10mm_Ch138_Ant0 +1_Battery BT3

DUT: 210105C01

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5690 MHz; Duty Cycle: 1:1.18

Medium: H34T60N1_0715 Medium parameters used (interpolated): $f = 5690$ MHz; $\sigma = 5.211$ S/m; $\epsilon_r = 34.198$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5, 5, 5) @ 5690 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.483 W/kg

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

Reference Value = 9.964 V/m; Power Drift = -0.07 dB

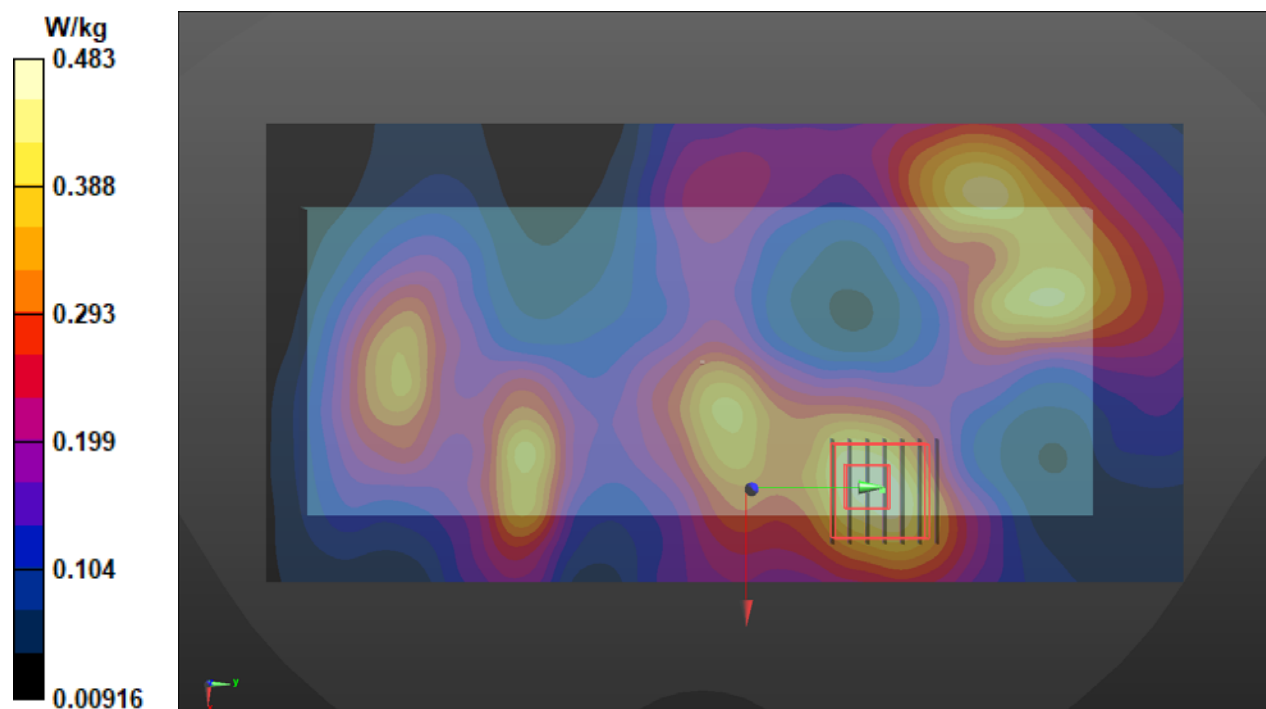
Peak SAR (extrapolated) = 0.820 W/kg

SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.099 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 18.7 mm

Ratio of SAR at M2 to SAR at M1 = 60.9%

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



P33 WLAN5.8G_802.11ac VHT40_Rear Face_10mm_Ch151_Ant0+1_Battery BT3

DUT: 210105C01

Communication System: UID 10534 - AAC, IEEE 802.11ac WiFi (40MHz, MCS0); Frequency: 5755 MHz; Duty Cycle: 1:1.08

Medium: H34T60N1_0715 Medium parameters used (interpolated): $f = 5755$ MHz; $\sigma = 5.27$ S/m; $\epsilon_r = 34.117$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5, 5, 5) @ 5755 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

Reference Value = 10.45 V/m; Power Drift = 0.05 dB

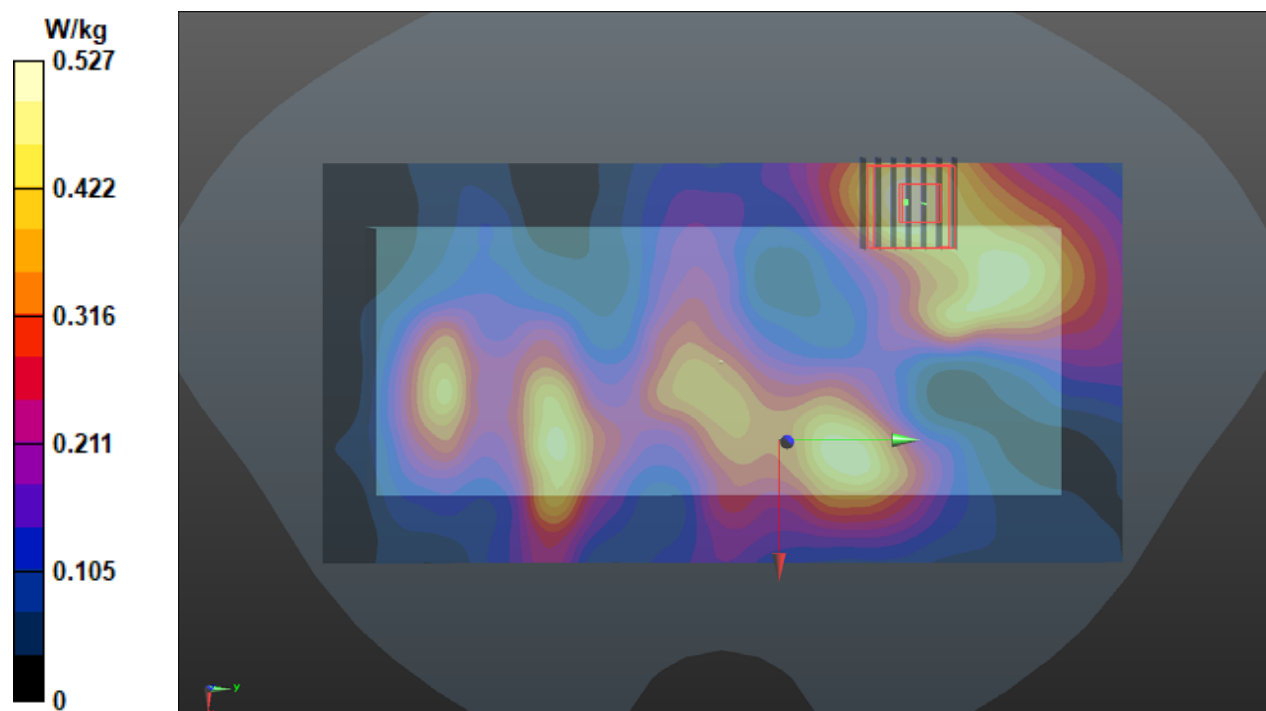
Peak SAR (extrapolated) = 0.902 W/kg

SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.107 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 60%

Maximum value of SAR (measured) = 0.506 W/kg



P34 GSM850_GPRS12_Front Face_10mm_Ch128_Battery BT3

DUT: 210105C01

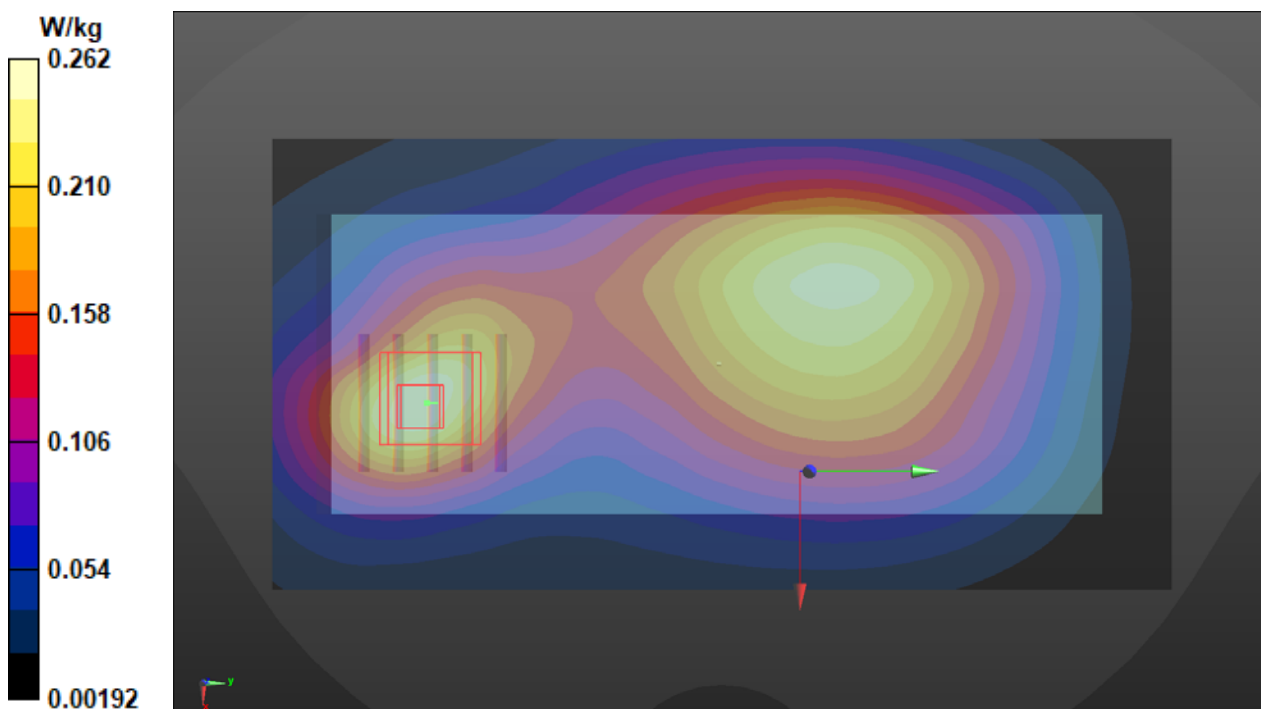
Communication System: UID 10028 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 824.2 MHz; Duty Cycle: 1:2.27
Medium: H07T10N1_0708 Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 40.919$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(9.69, 9.69, 9.69) @ 824.2 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.262 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.36 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.119 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 18.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.1%
Maximum value of SAR (measured) = 0.263 W/kg



P35 GSM1900_GPRS12_Front Face_10mm_Ch512_Battery BT3

DUT: 210105C01

Communication System: UID 10028 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1850.2 MHz; Duty Cycle: 1:2.27

Medium: H16T20N1_0708 Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.416$

S/m ; $\epsilon_r = 38.168$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.8 \text{ }^\circ\text{C}$; Liquid Temperature : $23.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.17, 8.17, 8.17) @ 1850.2 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

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

Reference Value = 31.20 V/m ; Power Drift = -0.09 dB

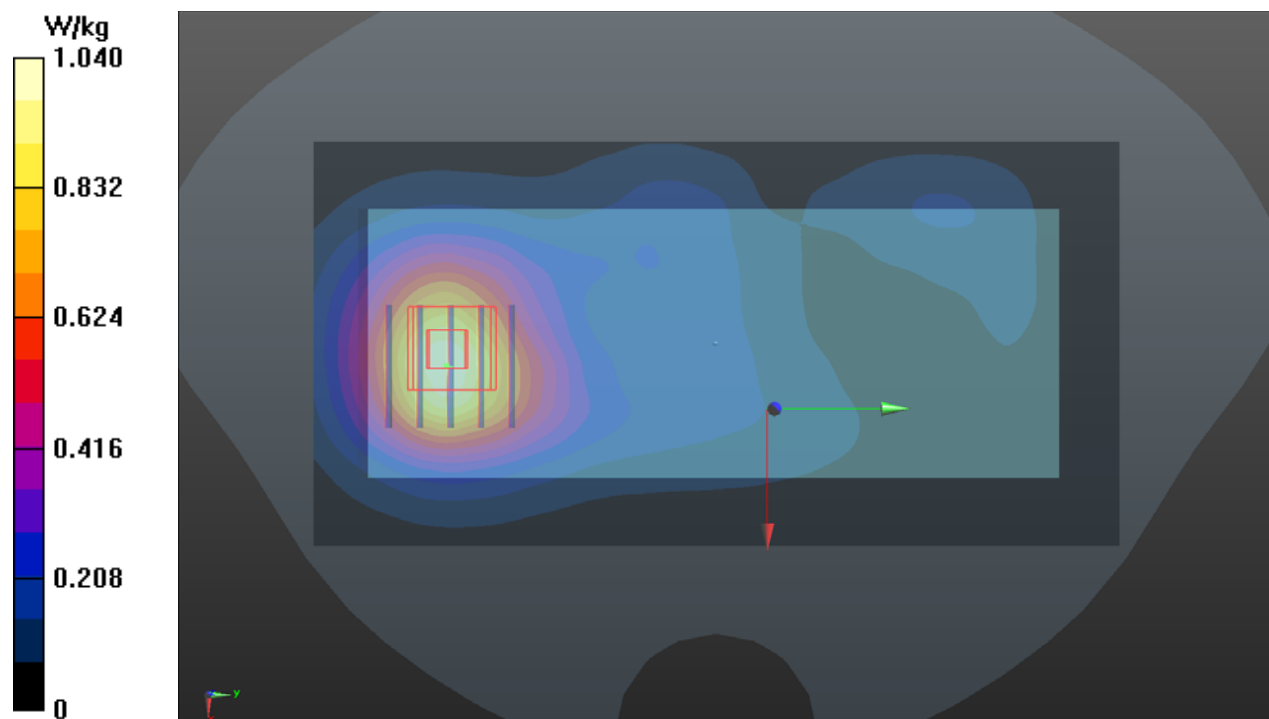
Peak SAR (extrapolated) = 4.10 W/kg

SAR(1 g) = 0.904 W/kg ; SAR(10 g) = 0.562 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 20.5 mm

Ratio of SAR at M2 to SAR at M1 = 64.3%

Maximum value of SAR (measured) = 1.29 W/kg



P36 WCDMA II_RMC12.2K_Front Face_10mm_Ch9400_Battery BT3

DUT: 210105C01

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0708 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.439$ S/m; $\epsilon_r = 38.062$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.17, 8.17, 8.17) @ 1880 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 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 = 31.81 V/m; Power Drift = -0.14 dB

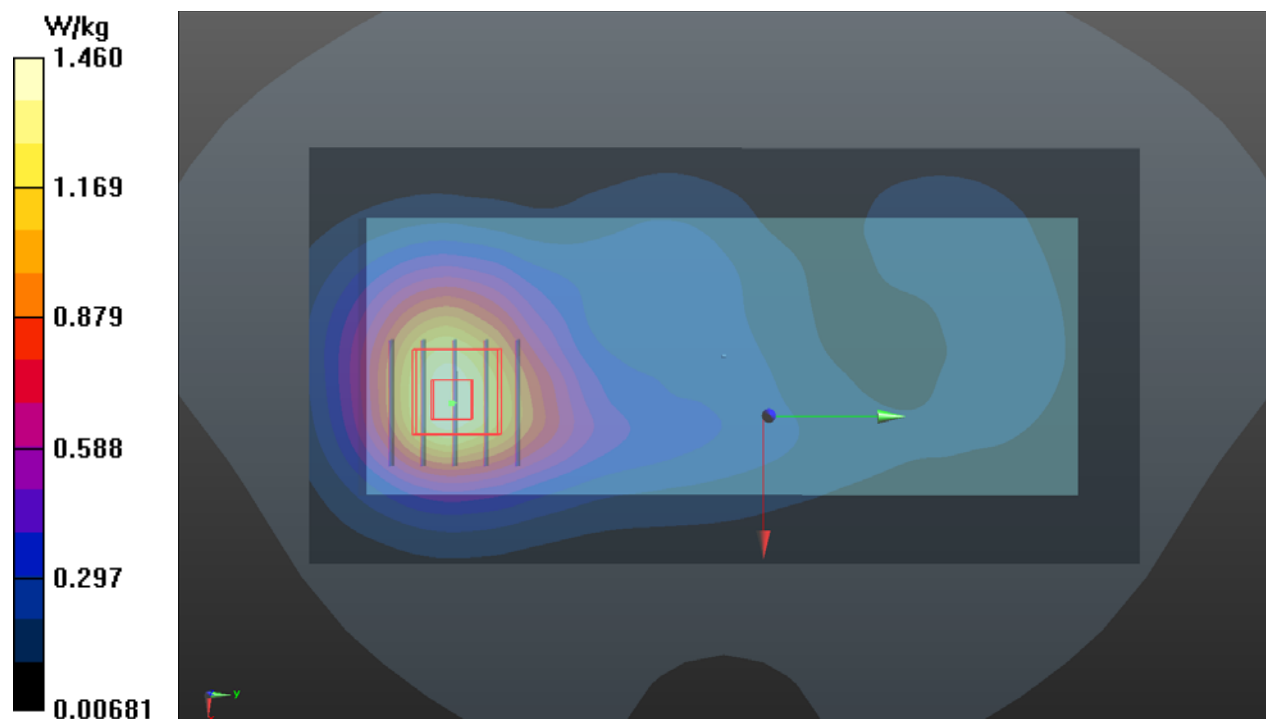
Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.643 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 20.4 mm

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

Maximum value of SAR (measured) = 1.44 W/kg



P37 WCDMA V_RMC12.2K_Rear Face_10mm_Ch4132_Battery BT3

DUT: 210105C01

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:1.95

Medium: H07T10N1_0708 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.909$ S/m;

$\epsilon_r = 43.019$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.83, 9.83, 9.83) @ 826.4 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.444 W/kg

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

Reference Value = 22.90 V/m; Power Drift = -0.03 dB

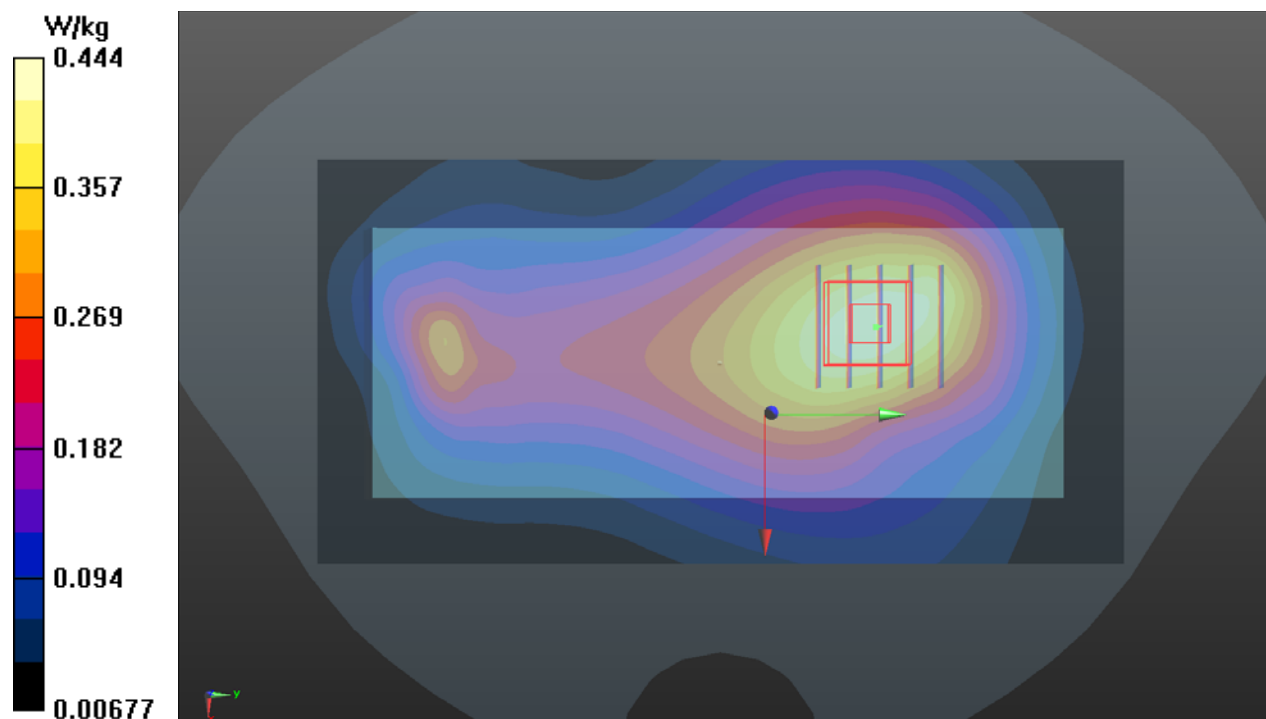
Peak SAR (extrapolated) = 0.479 W/kg

SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.272 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 76.4%

Maximum value of SAR (measured) = 0.442 W/kg



P39 LTE 4_QPSK20M_Rear Face_10mm_Ch20300_1RB_OS0_Battery BT3

DUT: 210105C01

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1745 MHz; Duty Cycle: 1:3.74

Medium: H16T20N2_0707 Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.328$ S/m; $\epsilon_r = 38.724$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.58, 8.58, 8.58) @ 1745 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.951 W/kg

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

Reference Value = 24.54 V/m; Power Drift = 0.02 dB

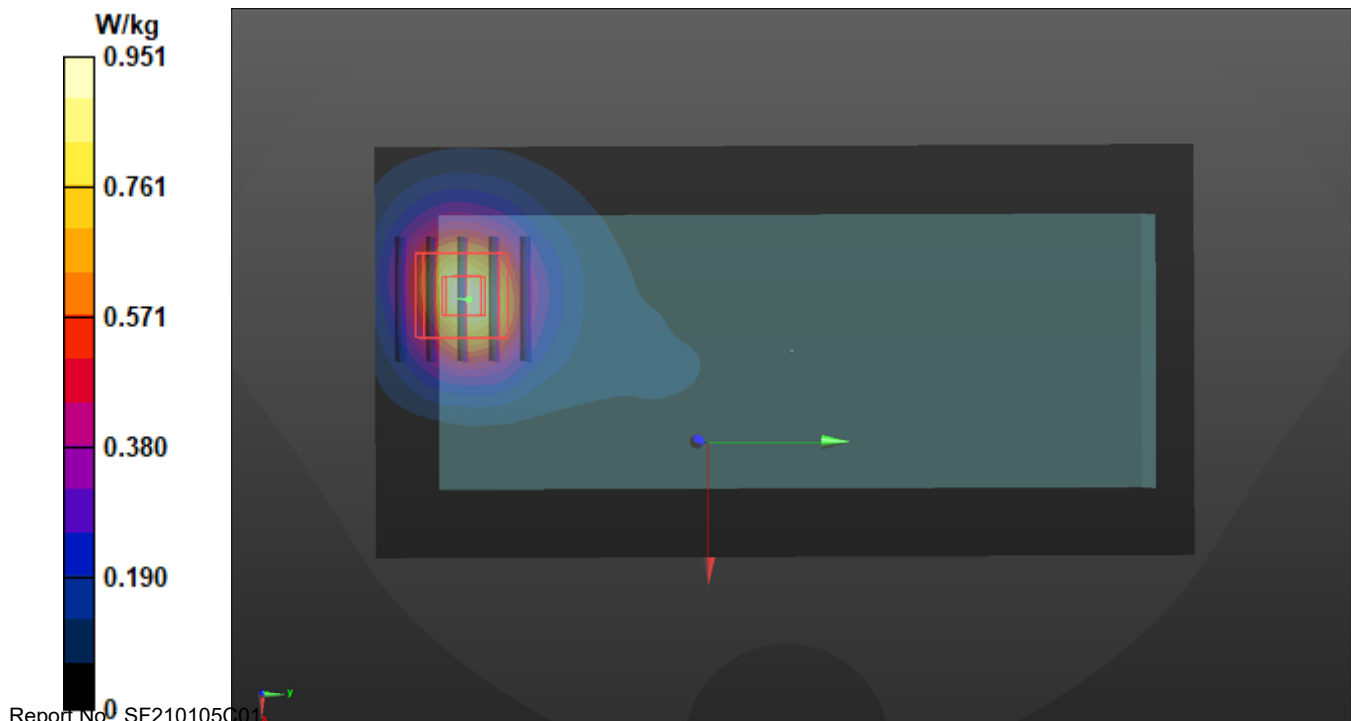
Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.358 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.8 mm

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

Maximum value of SAR (measured) = 0.988 W/kg



P40 LTE 5_QPSK10M_Rear Face_10mm_Ch20600_1RB_OS0_Battery BT3

DUT: 210105C01

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 844 MHz; Duty Cycle: 1:3.74

Medium: H07T10N1_0707 Medium parameters used: $f = 844.1$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 40.853$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.05, 10.05, 10.05) @ 844 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.383 W/kg

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

Reference Value = 21.18 V/m; Power Drift = -0.04 dB

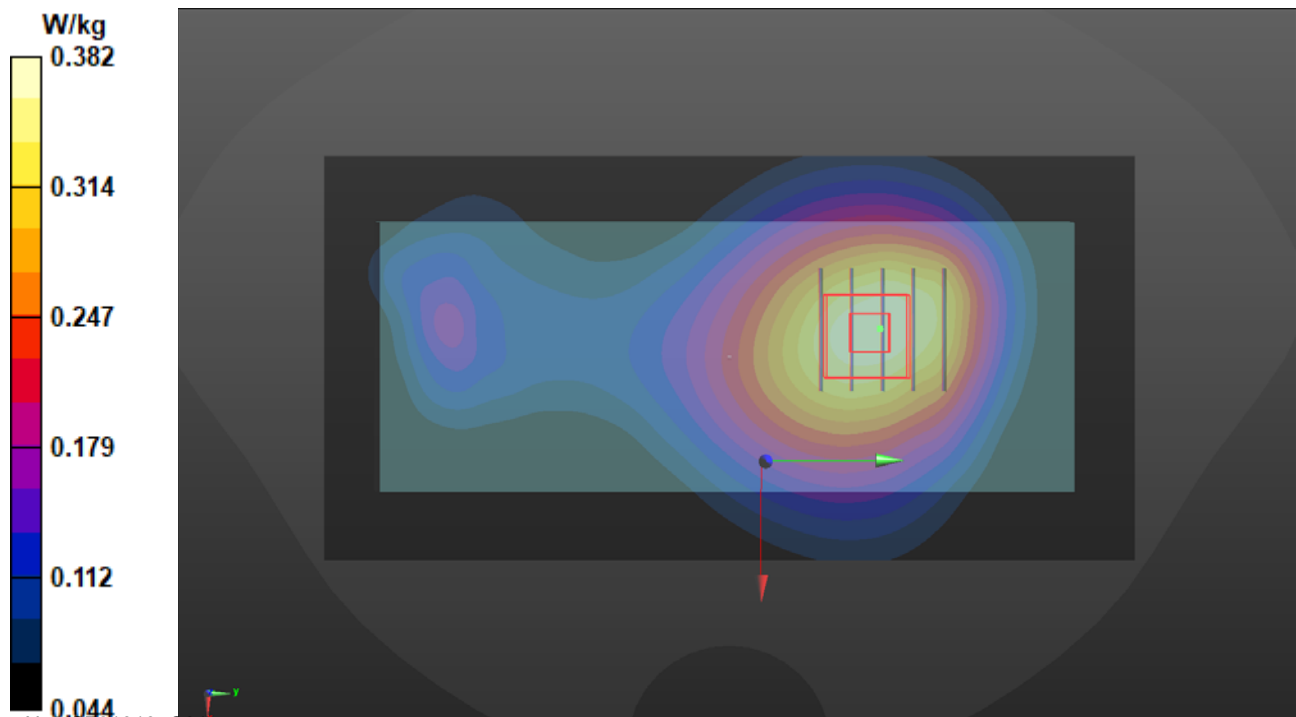
Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.223 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 72.5%

Maximum value of SAR (measured) = 0.382 W/kg



P41 LTE 7_QPSK20M_Front Face_10mm_Ch21350_1RB_OS0_Battery BT3

DUT: 210105C01

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2560 MHz; Duty Cycle: 1:3.74

Medium: H19T27N2_0707 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 38.41$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2560 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.455 W/kg

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

Reference Value = 15.81 V/m; Power Drift = -0.02 dB

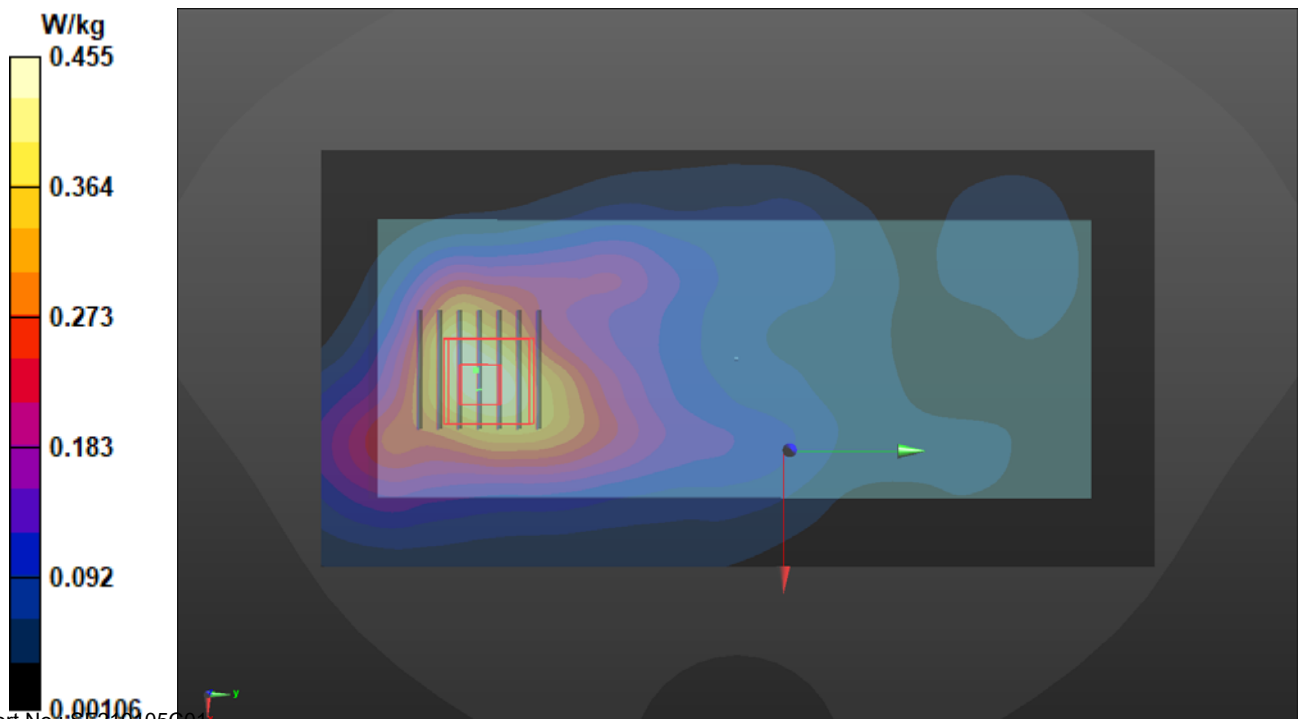
Peak SAR (extrapolated) = 0.557 W/kg

SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.176 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 21.3 mm

Ratio of SAR at M2 to SAR at M1 = 54.9%

Maximum value of SAR (measured) = 0.464 W/kg



P42 LTE 12_QPSK10M_Front Face_10mm_Ch23060_1RB_OS0_Battery BT3

DUT: 210105C01

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 704 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0707 Medium parameters used: $f = 704$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 43.818$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 704 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.154 W/kg

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

Reference Value = 14.06 V/m; Power Drift = 0.06 dB

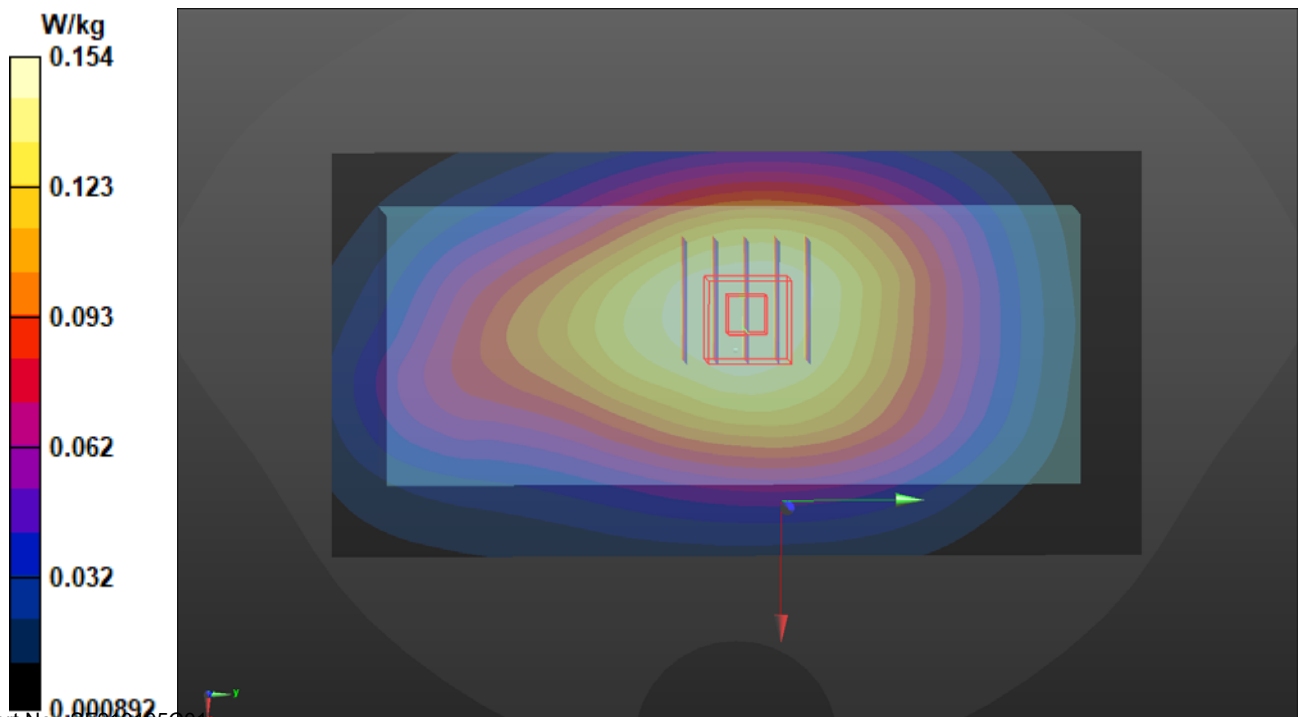
Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.103 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 77.5%

Maximum value of SAR (measured) = 0.153 W/kg



P43 LTE 13_QPSK10M_Rear Face_10mm_Ch23230_1RB_OS0_Battery BT3

DUT: 210105C01

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 782 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0707 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 42.718$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 782 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.259 W/kg

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

Reference Value = 17.51 V/m; Power Drift = -0.03 dB

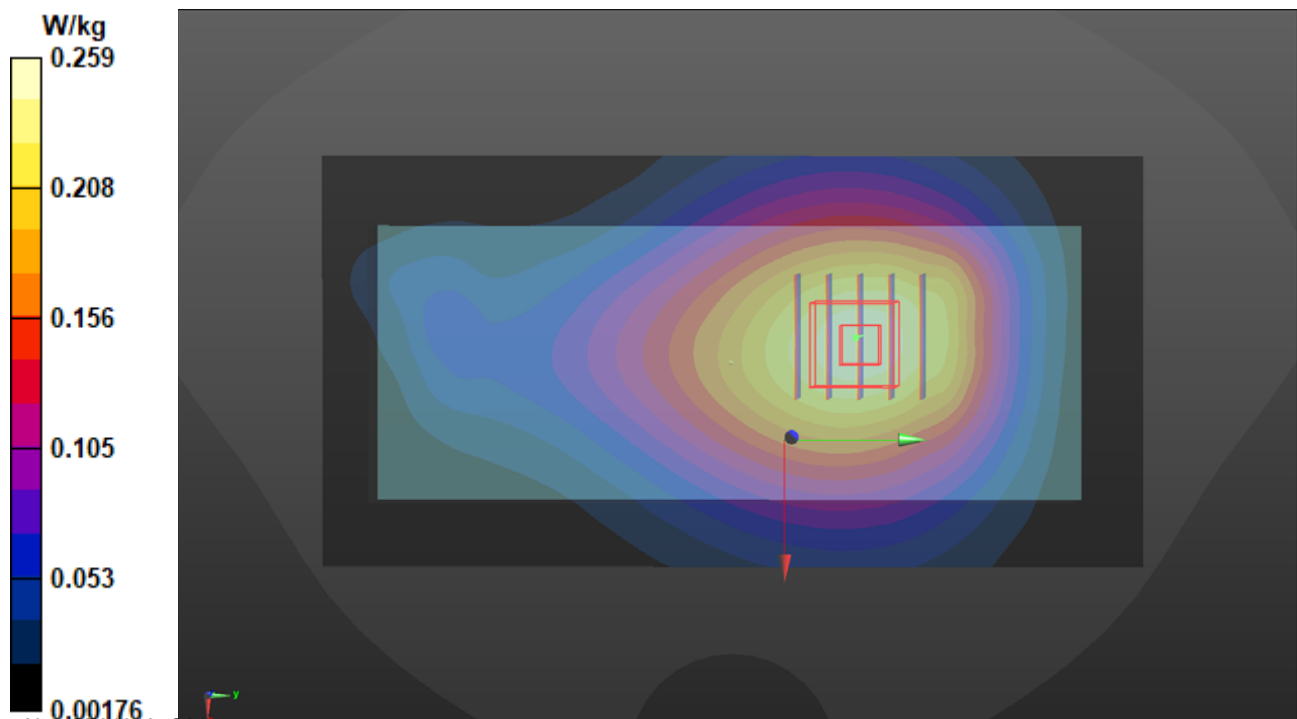
Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.153 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 74.2%

Maximum value of SAR (measured) = 0.258 W/kg



P44 LTE 25_QPSK20M_Front Face_10mm_Ch26365_1RB_OS0_Battery BT3

DUT: 210105C01

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1882.5 MHz; Duty Cycle: 1:3.74

Medium: H16T20N2_0707 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 38.186$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1882.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

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

Reference Value = 25.49 V/m; Power Drift = -0.02 dB

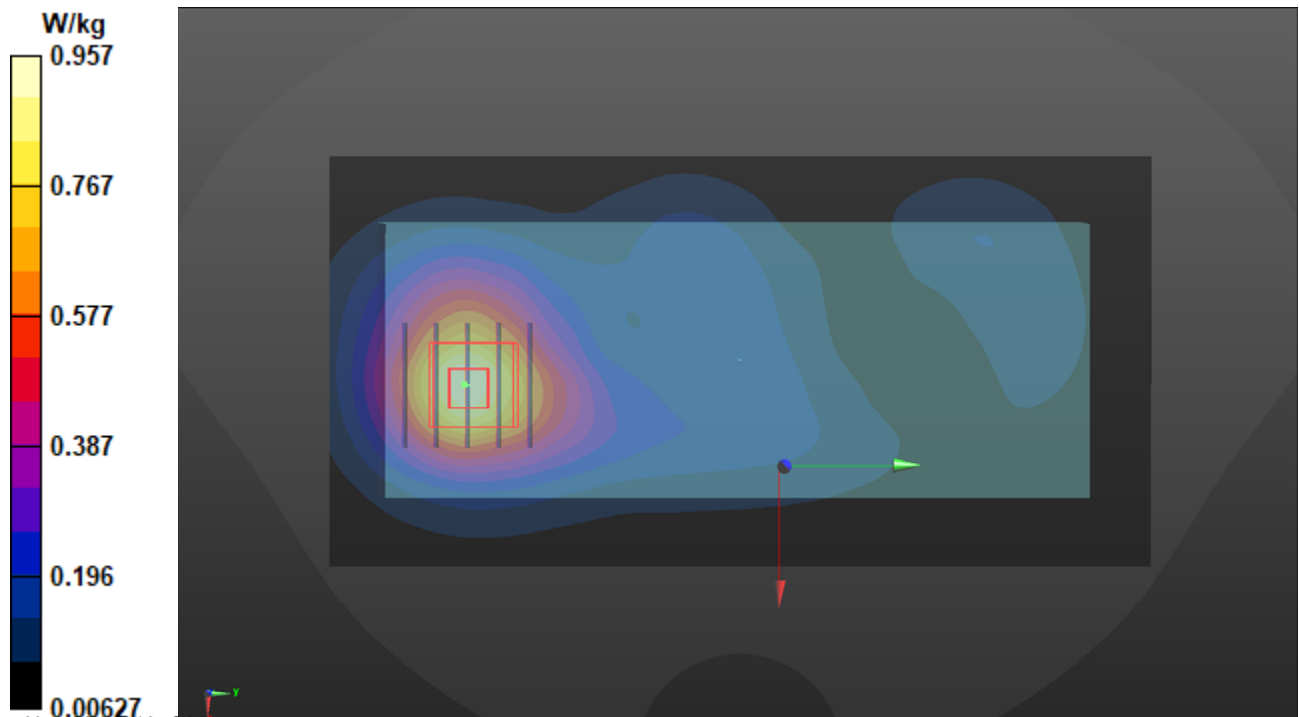
Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.634 W/kg; SAR(10 g) = 0.388 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 19.3 mm

Ratio of SAR at M2 to SAR at M1 = 60.4%

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



P45 WLAN2.4G_802.11b_Left Side_10mm_Ch6_Ant0+1_Battery BT3

DUT: 210105C01

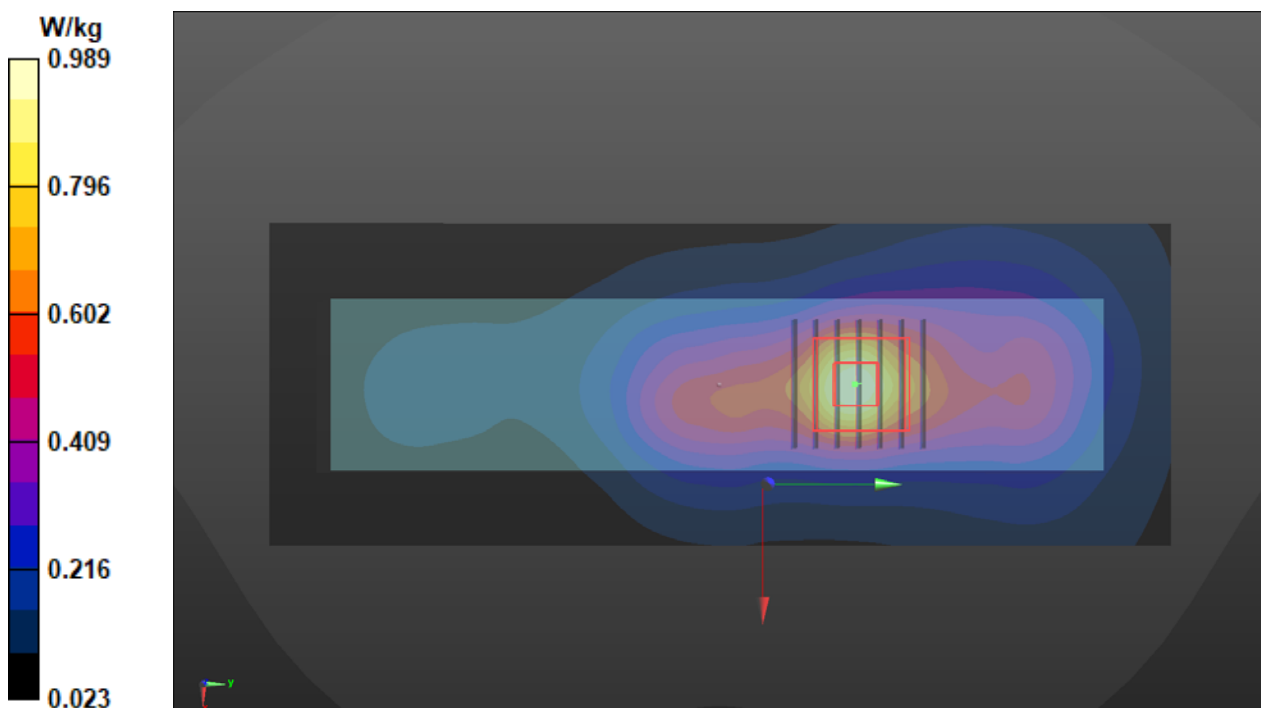
Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);
Frequency: 2437 MHz; Duty Cycle: 1:1.01
Medium: H19T27N1_0709 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.856$ S/m;
 $\epsilon_r = 39.065$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.59, 7.59, 7.59) @ 2437 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.989 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.27 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.324 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 13.9 mm
Ratio of SAR at M2 to SAR at M1 = 48.2%
Maximum value of SAR (measured) = 1.04 W/kg



P46 WLAN5.2G_802.11a_Right Side_10mm_Ch40_Ant0_Battery BT3

DUT: 210105C01

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps);

Frequency: 5200 MHz; Duty Cycle: 1:1.02

Medium: H34T60N1_0713 Medium parameters used: $f = 5200$ MHz; $\sigma = 4.745$ S/m; $\epsilon_r = 34.916$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5.41, 5.41, 5.41) @ 5200 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.09 W/kg

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

Reference Value = 21.61 V/m; Power Drift = -0.04 dB

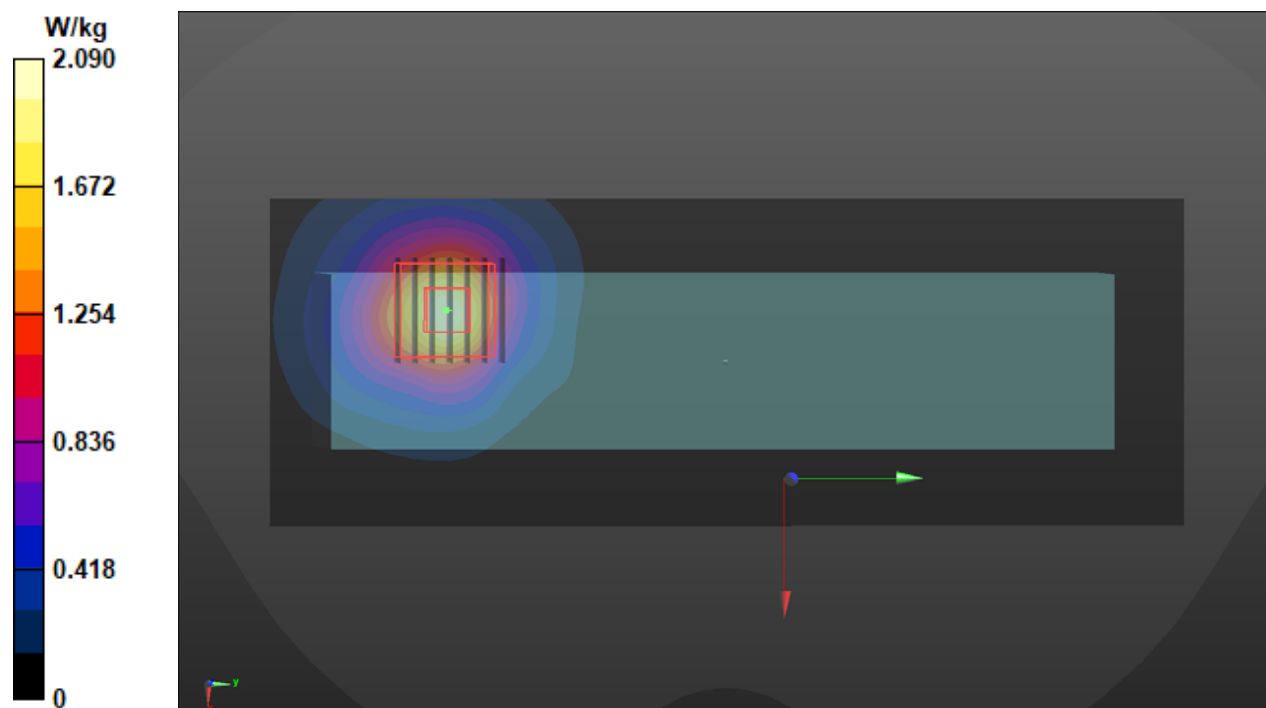
Peak SAR (extrapolated) = 3.05 W/kg

SAR(1 g) = 0.963 W/kg; SAR(10 g) = 0.404 W/kg (SAR corrected for target medium)

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

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

Maximum value of SAR (measured) = 2.01 W/kg



P48 WLAN5.8G_802.11ac VHT40_Right Side_10mm_Ch151_Ant0+1_Battery BT3

DUT: 210105C01

Communication System: UID 10534 - AAC, IEEE 802.11ac WiFi (40MHz, MCS0); Frequency: 5755 MHz; Duty Cycle: 1:1.08

Medium: H34T60N1_0715 Medium parameters used (interpolated): $f = 5755$ MHz; $\sigma = 5.27$ S/m; $\epsilon_r = 34.117$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5, 5, 5) @ 5755 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.05 W/kg

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

Reference Value = 21.09 V/m; Power Drift = 0.08 dB

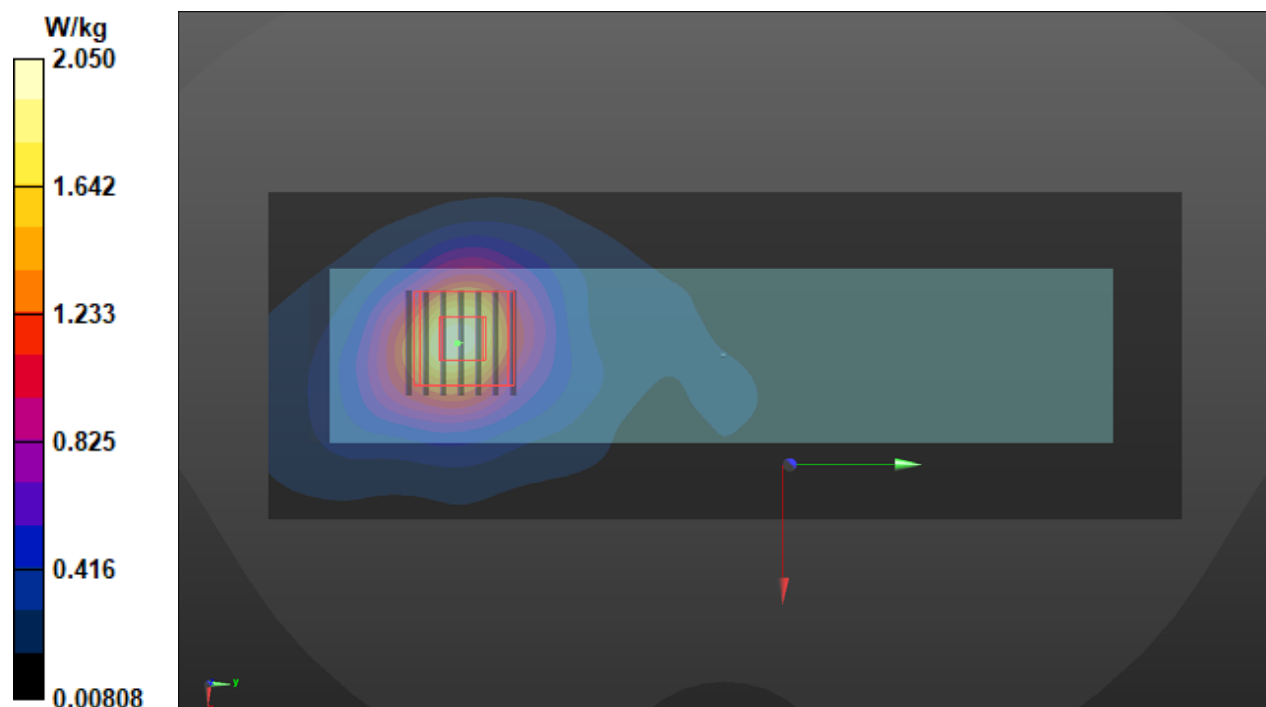
Peak SAR (extrapolated) = 3.34 W/kg

SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.373 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 63.1%

Maximum value of SAR (measured) = 2.01 W/kg



P49 BT_BDR_Left Side_10mm_Ch39_Ant1_Battery BT3

DUT: 210105C01

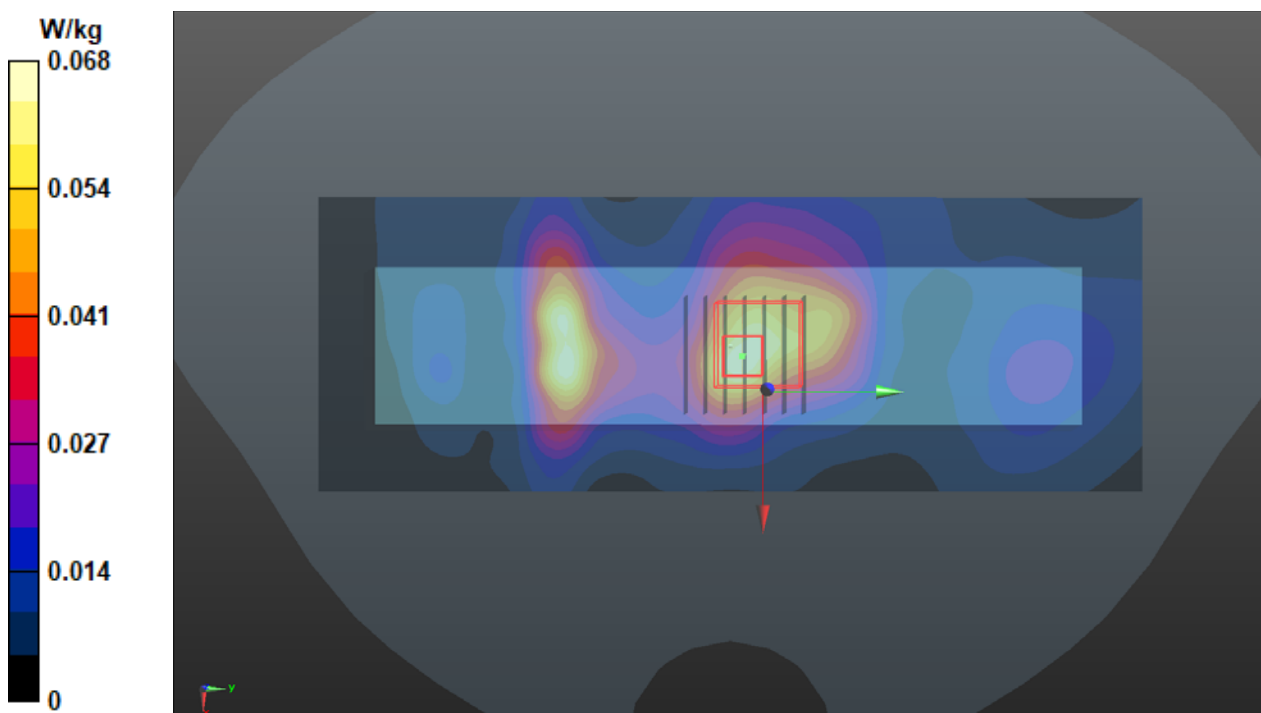
Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz; Duty Cycle: 1:1.3
Medium: H19T27N1_0711 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.864$ S/m; $\epsilon_r = 38.927$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0678 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.337 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.0450 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00956 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 45.9%
Maximum value of SAR (measured) = 0.0343 W/kg



P50 WLAN5.3G_802.11a_Right Side_0mm_Ch60_Ant0+1_Battery BT3

DUT: 210105C01

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps);

Frequency: 5300 MHz; Duty Cycle: 1:1.04

Medium: H34T60N1_0713 Medium parameters used (interpolated): $f = 5300 \text{ MHz}$; $\sigma = 4.838 \text{ S/m}$;

$\epsilon_r = 34.767$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5.41, 5.41, 5.41) @ 5300 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15

- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;

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

Area Scan (81x211x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$.

Maximum value of SAR (interpolated) = 10.2 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 36.61 V/m; Power Drift = -0.04 dB

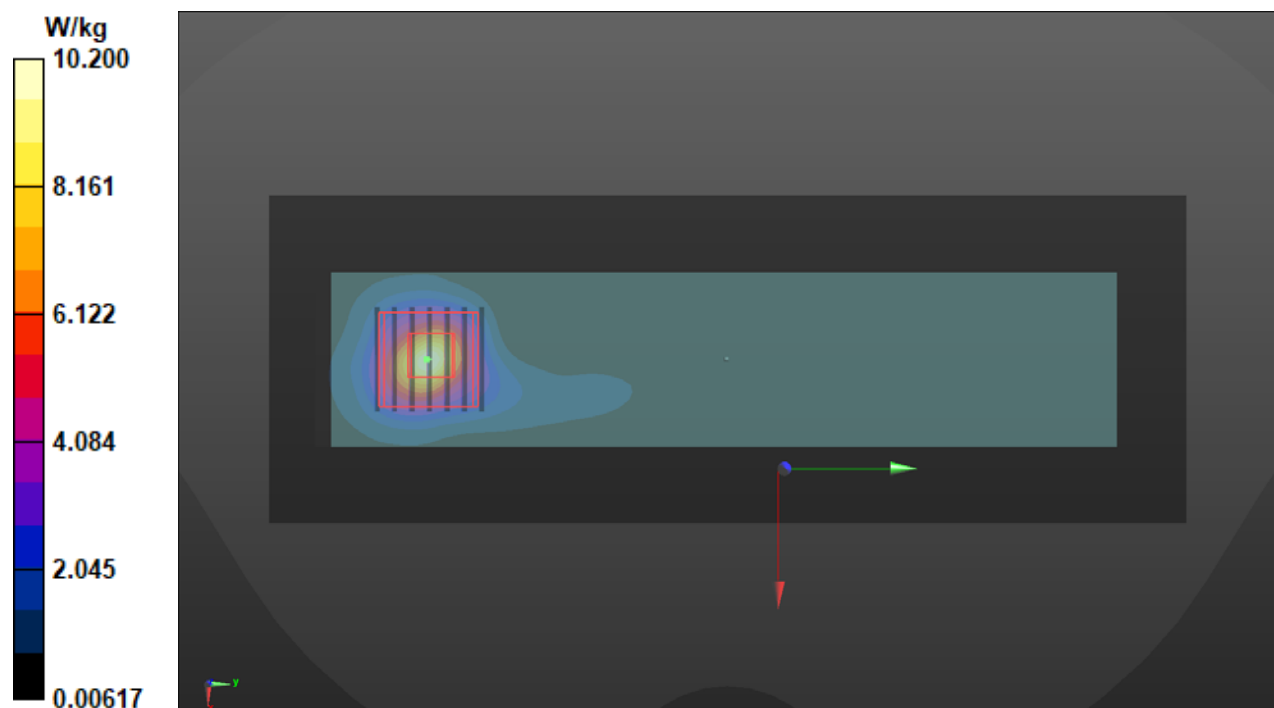
Peak SAR (extrapolated) = 14.2 W/kg

SAR(1 g) = 3.94 W/kg; SAR(10 g) = 1.37 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 65.5%

Maximum value of SAR (measured) = 9.03 W/kg



P52 WLAN5.6G_802.11ac VHT80_Right Side_0mm_Ch138_Ant0+1_Battery BT3

DUT: 210105C01

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5690 MHz; Duty Cycle: 1:1.18

Medium: H34T60N1_0715 Medium parameters used (interpolated): $f = 5690$ MHz; $\sigma = 5.211$ S/m; $\epsilon_r = 34.198$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5, 5, 5) @ 5690 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.77 W/kg

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

Reference Value = 34.75 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 12.6 W/kg

SAR(1 g) = 3.19 W/kg; SAR(10 g) = 1.09 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.6 mm

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

Maximum value of SAR (measured) = 7.50 W/kg

