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.

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2018/05/02

P01 GSM850_GSM_Right Cheek_Ch189

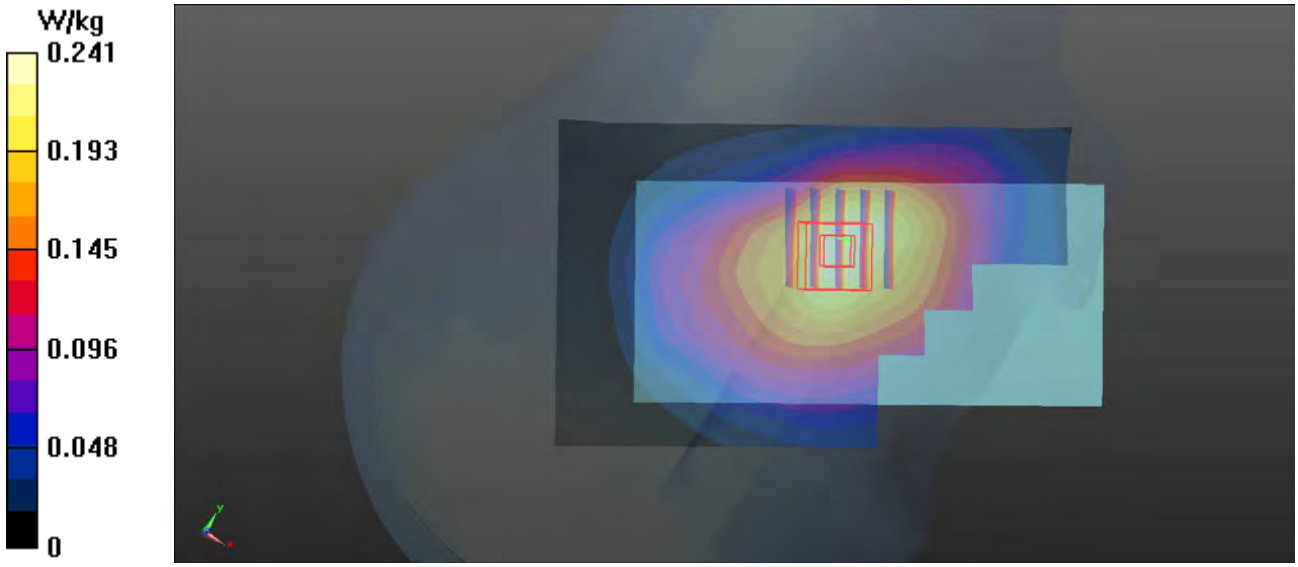
DUT: 180323W002

Communication System: GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL835_0502 Medium parameters used: f = 836.4 MHz; σ = 0.917 S/m; ε_r = 42.735; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.1 ℃

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) = 0.241 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.001 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.162 W/kg
Maximum value of SAR (measured) = 0.236 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2018/05/05

P02 GSM1900_GSM_Left Cheek_Ch512

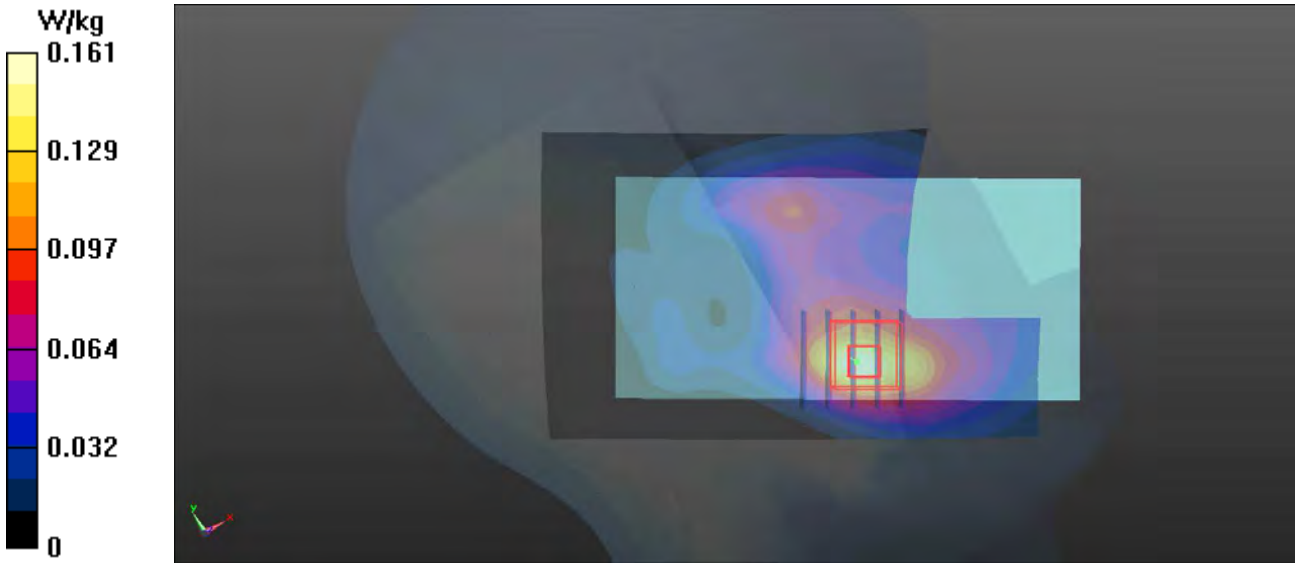
DUT: 180323W002

Communication System: GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL1900_0505 Medium parameters used: f = 1850.2 MHz; σ = 1.388 S/m; ε_r = 41.495; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

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) = 0.161 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.376 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.142 W/kg



P03 WCDMA II_RMC12.2K_Left Cheek_Ch9262

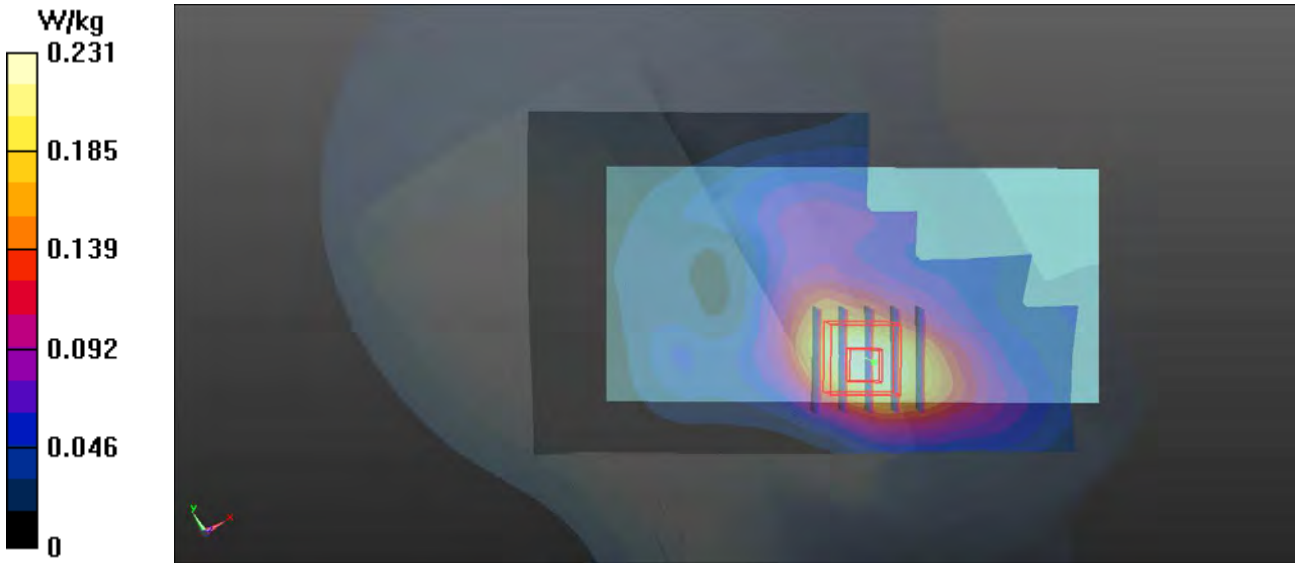
DUT: 180323W002

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL1900_0505 Medium parameters used: f = 1852.4 MHz; σ = 1.389 S/m; ε_r = 41.488; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

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) = 0.231 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.874 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.234 W/kg



P04 WCDMA IV_RMC12.2K_Left Cheek_Ch1413

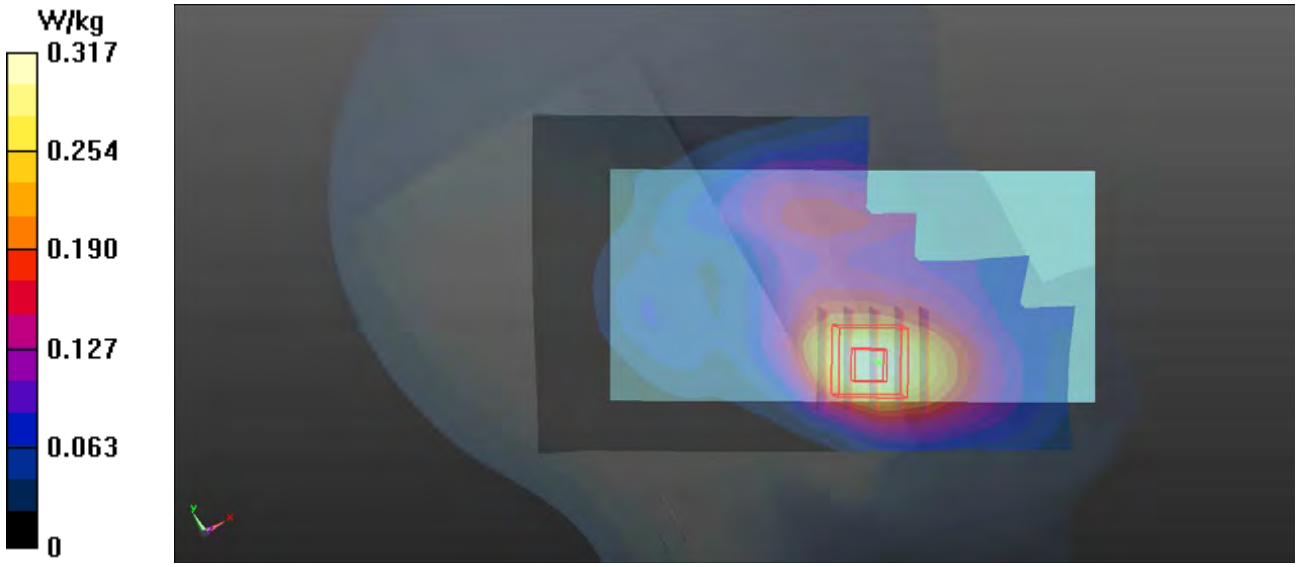
DUT: 180323W002

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL1750_0504 Medium parameters used: f = 1733 MHz; σ = 1.363 S/m; ε_r = 39.524; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.3 ℃

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) = 0.317 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.886 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.365 W/kg
SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.159 W/kg
Maximum value of SAR (measured) = 0.317 W/kg



P05 WCDMA V_RMC12.2K_Right Cheek_Ch4182

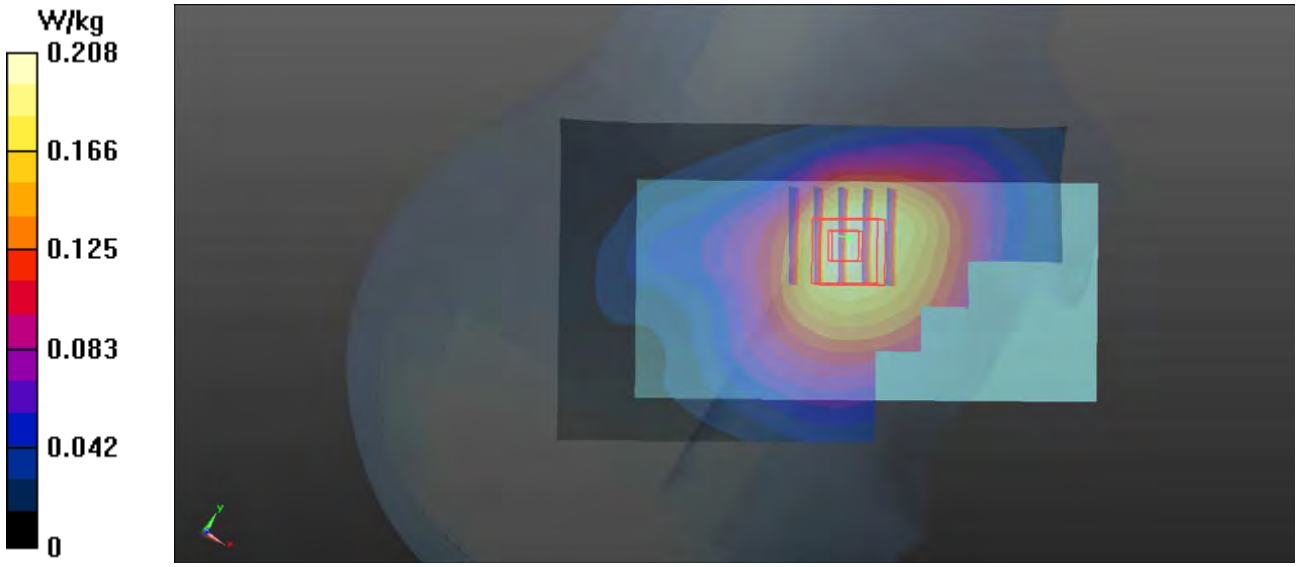
DUT: 180323W002

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL835_0502 Medium parameters used: f = 836.4 MHz; σ = 0.917 S/m; ε_r = 42.735; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

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) = 0.208 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.237 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.218 W/kg
SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.137 W/kg
Maximum value of SAR (measured) = 0.202 W/kg



P06 LTE 2_QPSK20M_Left Cheek_Ch18700_1RB_OS0

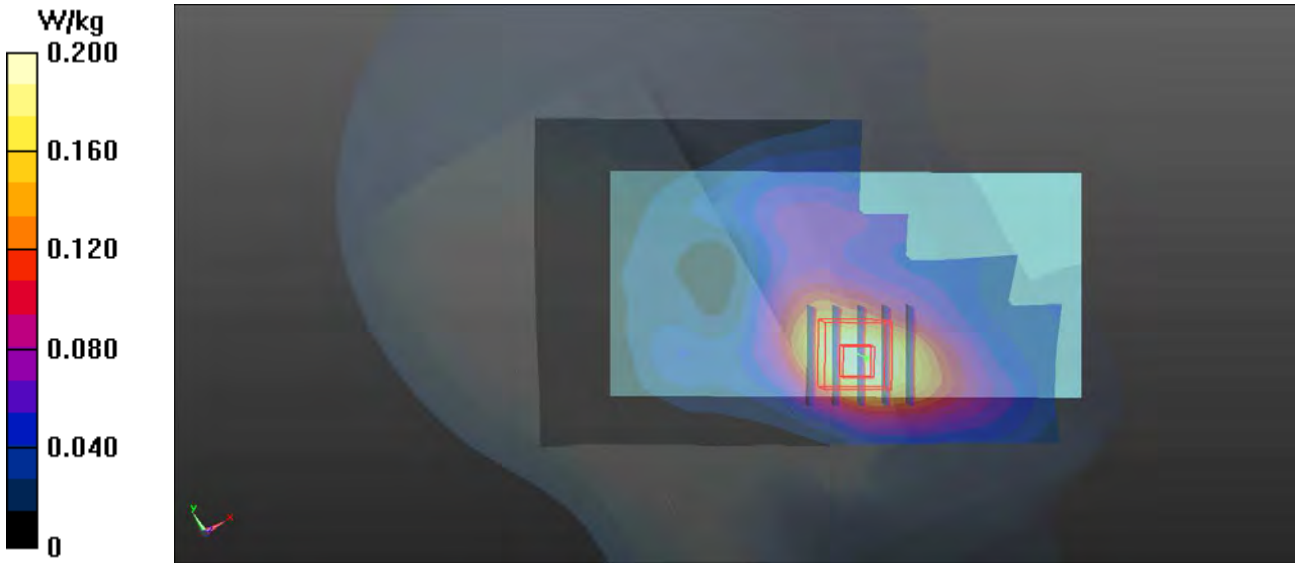
DUT: 180323W002

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL1900_0505 Medium parameters used: f = 1860 MHz; σ = 1.396 S/m; ε_r = 41.461; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.2 ℃

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) = 0.200 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.560 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.094 W/kg
Maximum value of SAR (measured) = 0.201 W/kg



P07 LTE 4_QPSK20M_Left Cheek_Ch20050_1RB_OS0

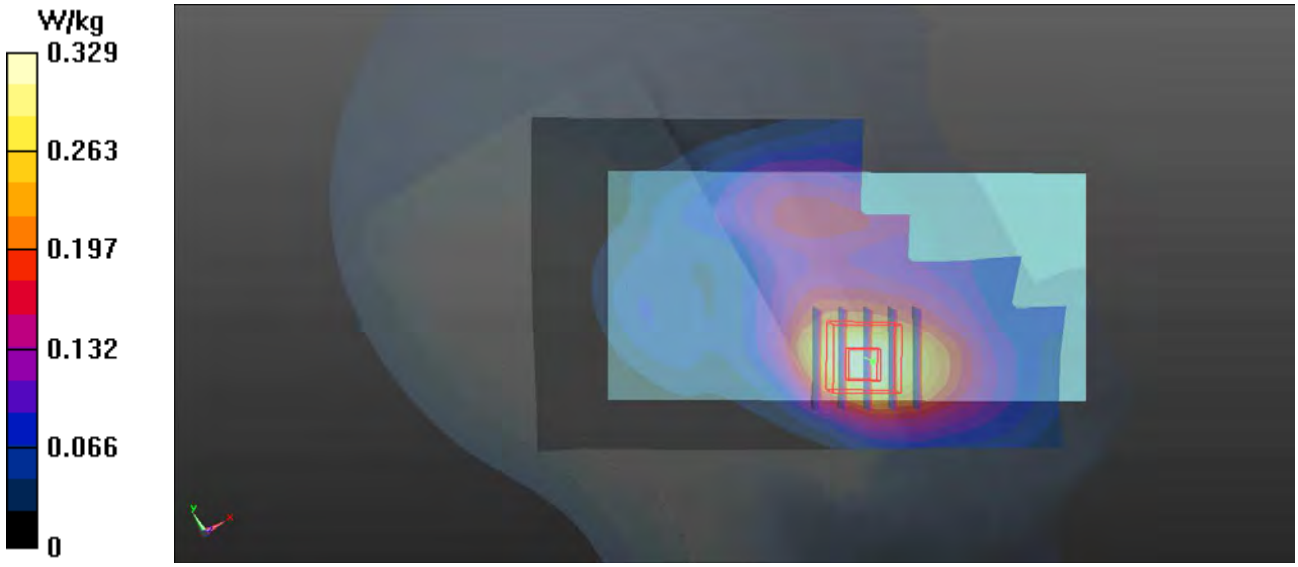
DUT: 180323W002

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL1750_0504 Medium parameters used: f = 1720 MHz; σ = 1.351 S/m; ε_r = 39.581; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.3 ℃

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) = 0.329 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.038 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.377 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.164 W/kg
Maximum value of SAR (measured) = 0.327 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2018/05/02

P08 LTE 5_QPSK10M_Right Cheek_Ch20525_1RB_OS0

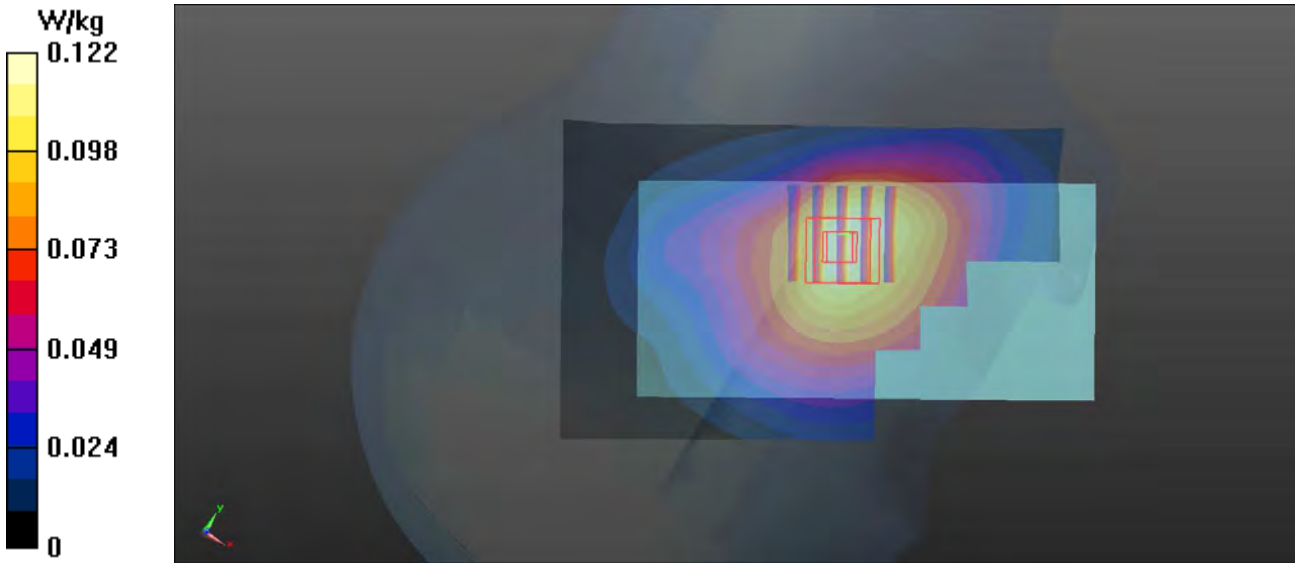
DUT: 180323W002

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL835_0502 Medium parameters used: f = 836.5 MHz; σ = 0.918 S/m; ε_r = 42.734; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

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) = 0.122 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.670 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.128 W/kg
SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.082 W/kg
Maximum value of SAR (measured) = 0.120 W/kg



P09 LTE 7_QPSK20M_Right Cheek_Ch20850_1RB_OS0

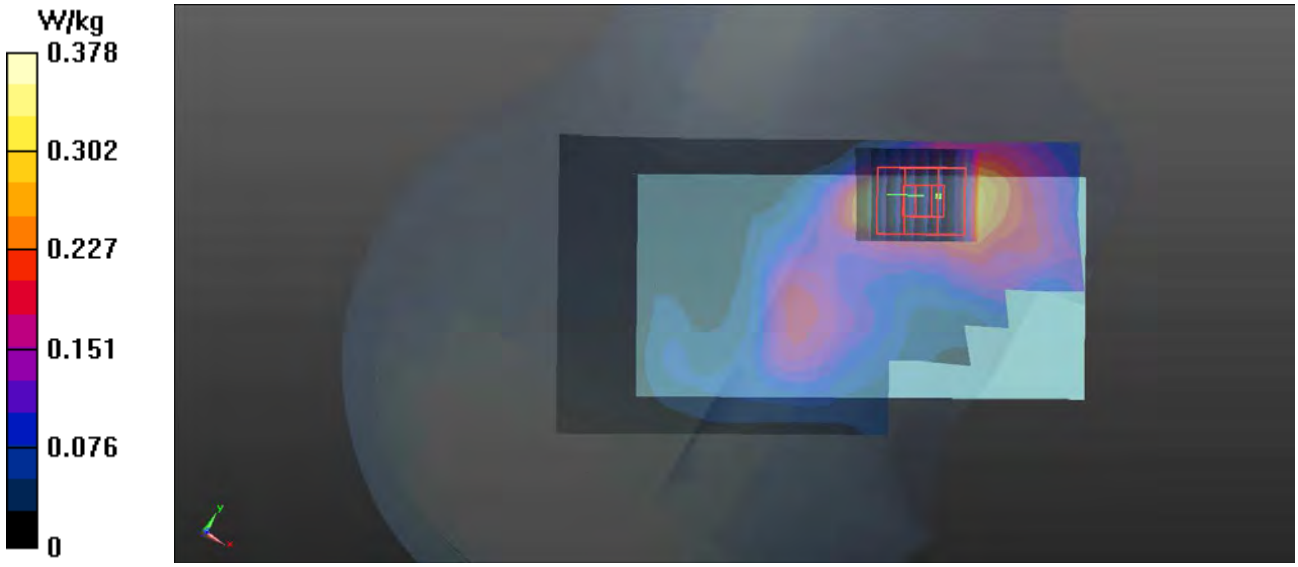
DUT: 180323W002

Communication System: LTE; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: HSL2600_0508 Medium parameters used: f = 2510 MHz; σ = 1.951 S/m; ε_r = 37.94; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.8 ℃

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) = 0.378 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.800 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.448 W/kg
SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.141 W/kg
Maximum value of SAR (measured) = 0.373 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2018/05/07

P10 LTE 12_QPSK10M_Right Cheek_Ch23095_1RB_OS0

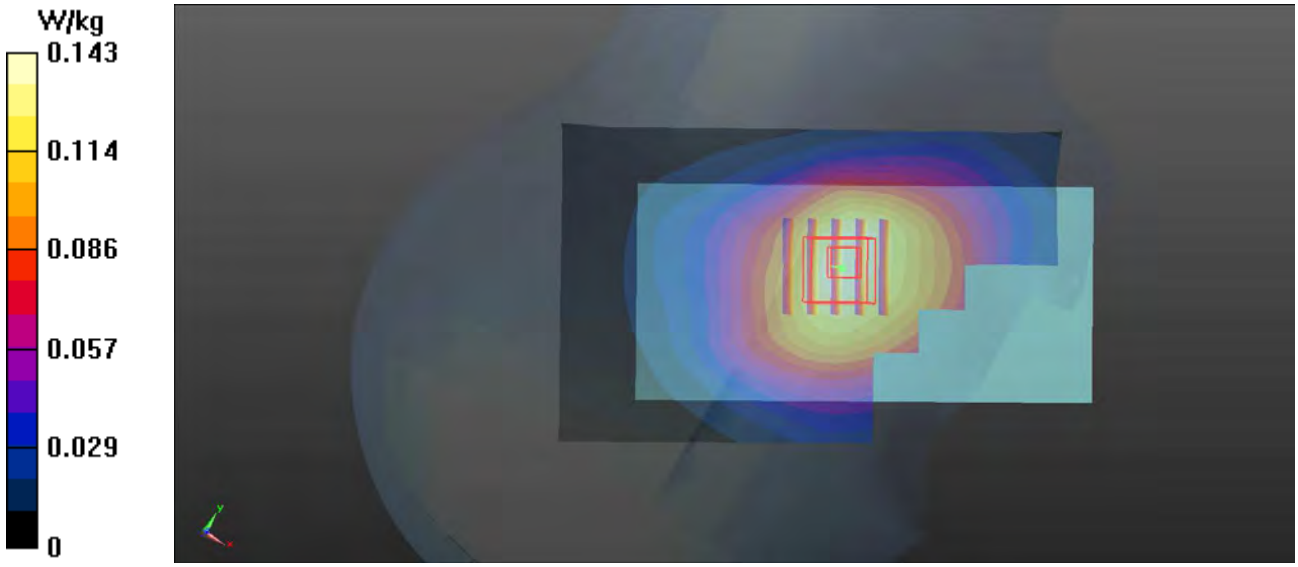
DUT: 180323W002

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL750_0507 Medium parameters used: f = 707.5 MHz; σ = 0.856 S/m; ε_r = 41.219; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.2 ℃

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) = 0.143 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.328 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.145 W/kg
SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.139 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2018/05/07

P11 LTE 17_QPSK10M_Right Cheek_Ch23800_1RB_OS0

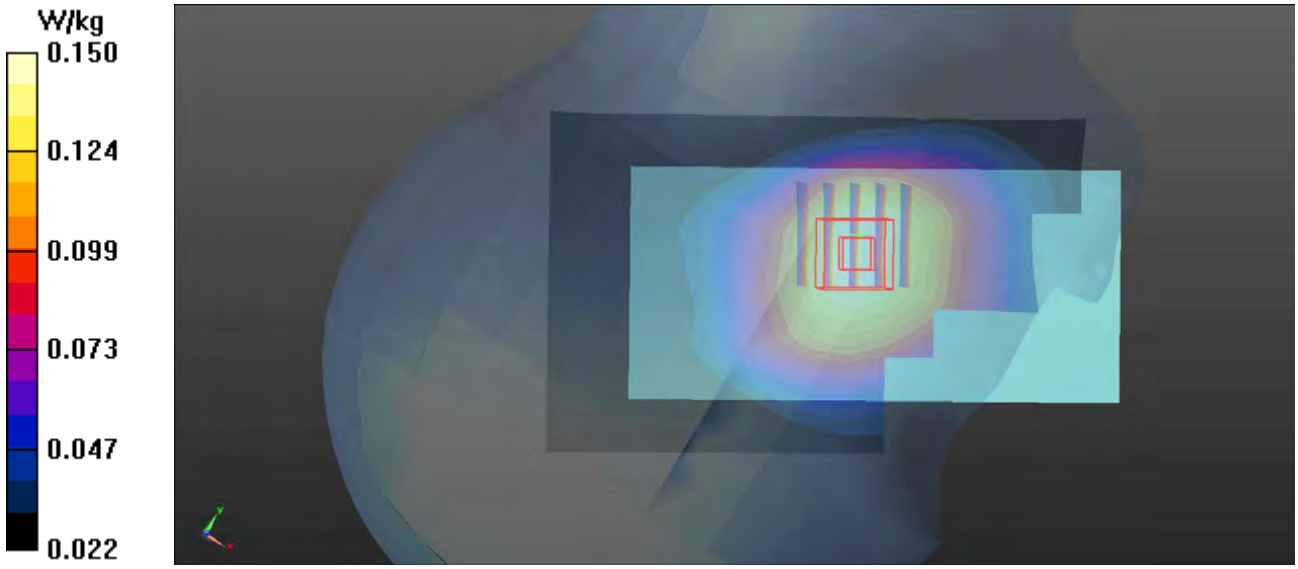
DUT: 180323W002

Communication System: LTE; Frequency: 711 MHz;Duty Cycle: 1:1
Medium: HSL750_0507 Medium parameters used: f = 711 MHz; σ = 0.859 S/m; ε_r = 41.196; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.2 ℃

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) = 0.151 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.377 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 0.150 W/kg



P12 LTE 38_QPSK20M_Right Cheek_Ch38000_1RB_OS0

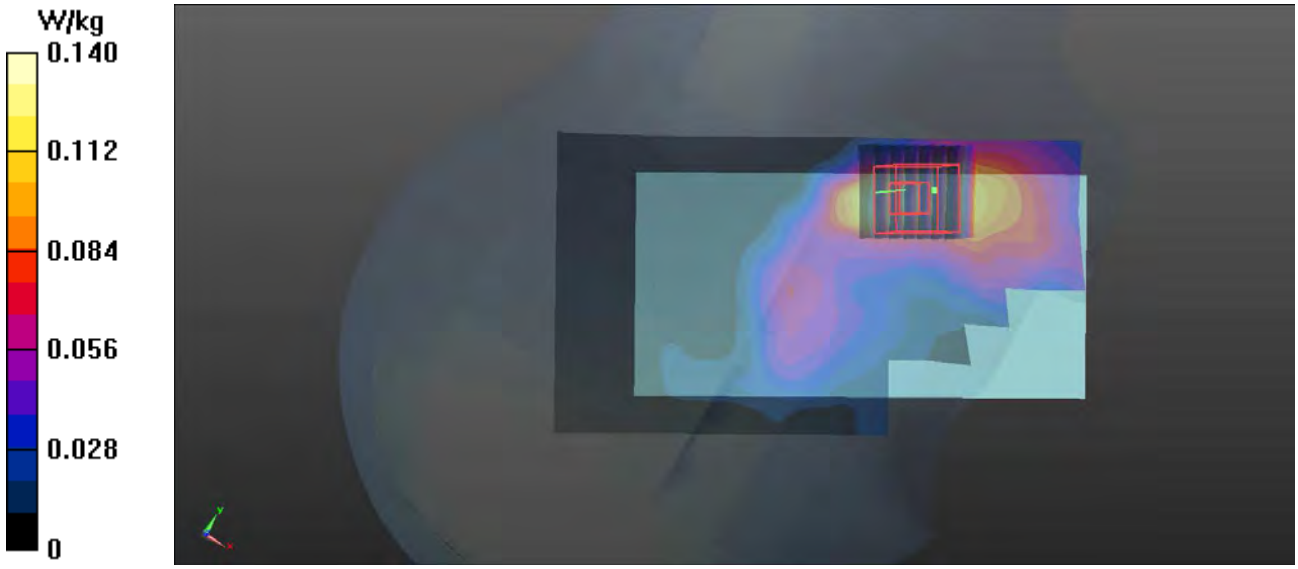
DUT: 180323W002

Communication System: LTE; Frequency: 2595 MHz;Duty Cycle: 1:1.58
Medium: HSL2600_0508 Medium parameters used: f = 2595 MHz; σ = 2.048 S/m; ε_r = 37.623; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.8 ℃

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) = 0.140 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.6770 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.051 W/kg
Maximum value of SAR (measured) = 0.143 W/kg



P13 802.11b_Right Tilted_Ch6

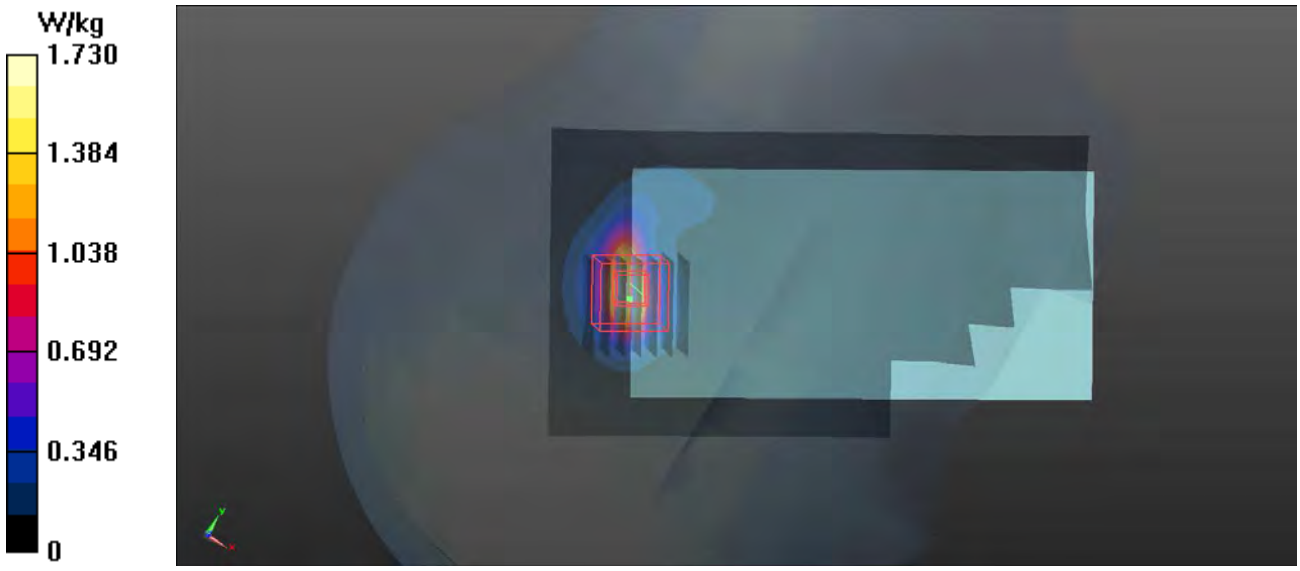
DUT: 180323W002

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL2450_0510 Medium parameters used: f = 2437 MHz; σ = 1.839 S/m; ε_r = 38.066; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

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 (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.73 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.81 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 2.14 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.469 W/kg
Maximum value of SAR (measured) = 1.75 W/kg



P14 802.11a_Left Cheek_Ch52

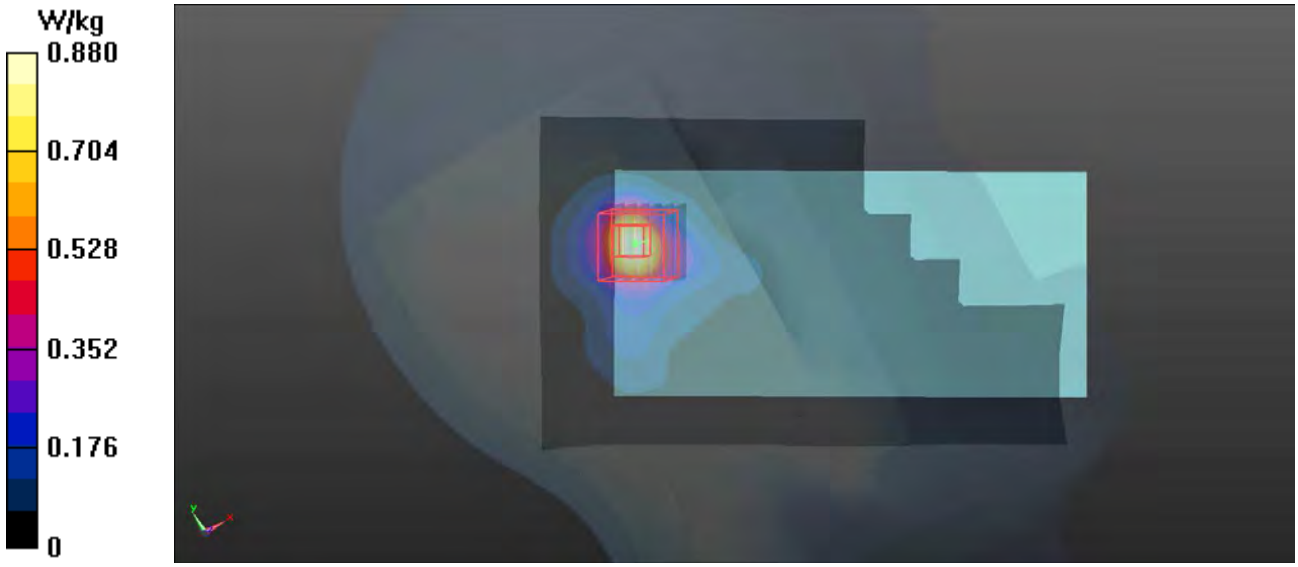
DUT: 180427W003

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: HSL5G_0519 Medium parameters used: f = 5260 MHz; σ = 4.773 S/m; ε_r = 36.905; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.9 ℃

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 (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.880 W/kg

- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.737 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.159 W/kg
Maximum value of SAR (measured) = 1.07 W/kg



P15 802.11a_Left Cheek_Ch140

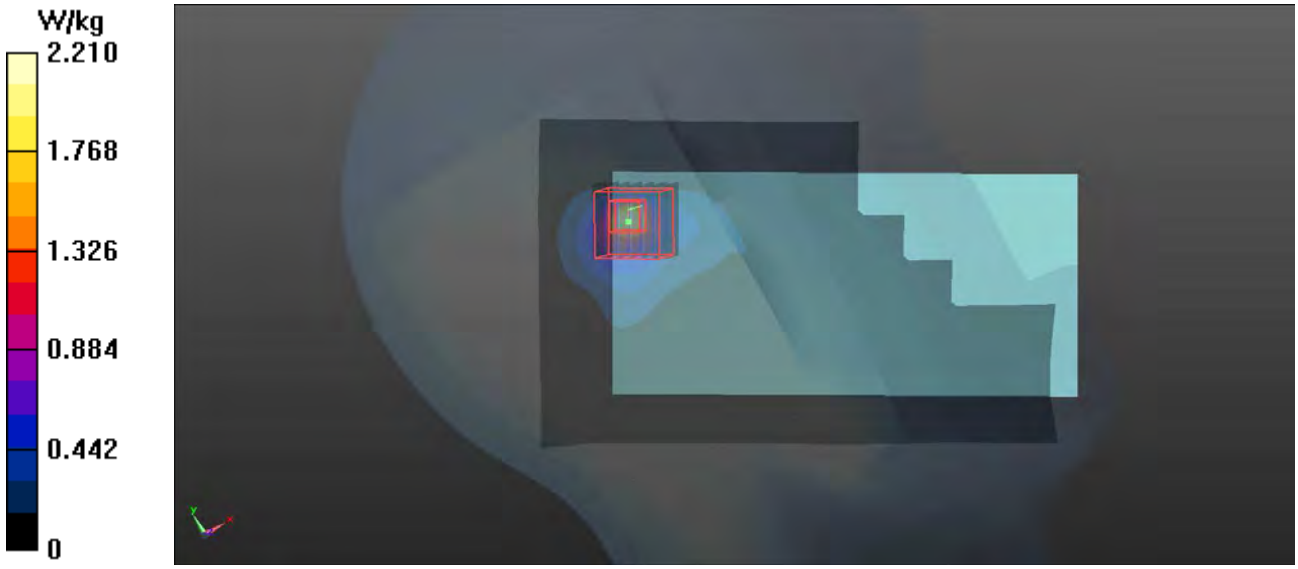
DUT: 180427W003

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: HSL5G_0519 Medium parameters used: f = 5700 MHz; σ = 5.317 S/m; ε_r = 35.947; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.9 ℃

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 (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.21 W/kg

- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.833 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 3.47 W/kg
SAR(1 g) = 0.679 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 1.85 W/kg



P16 802.11a_Left Cheek_Ch149

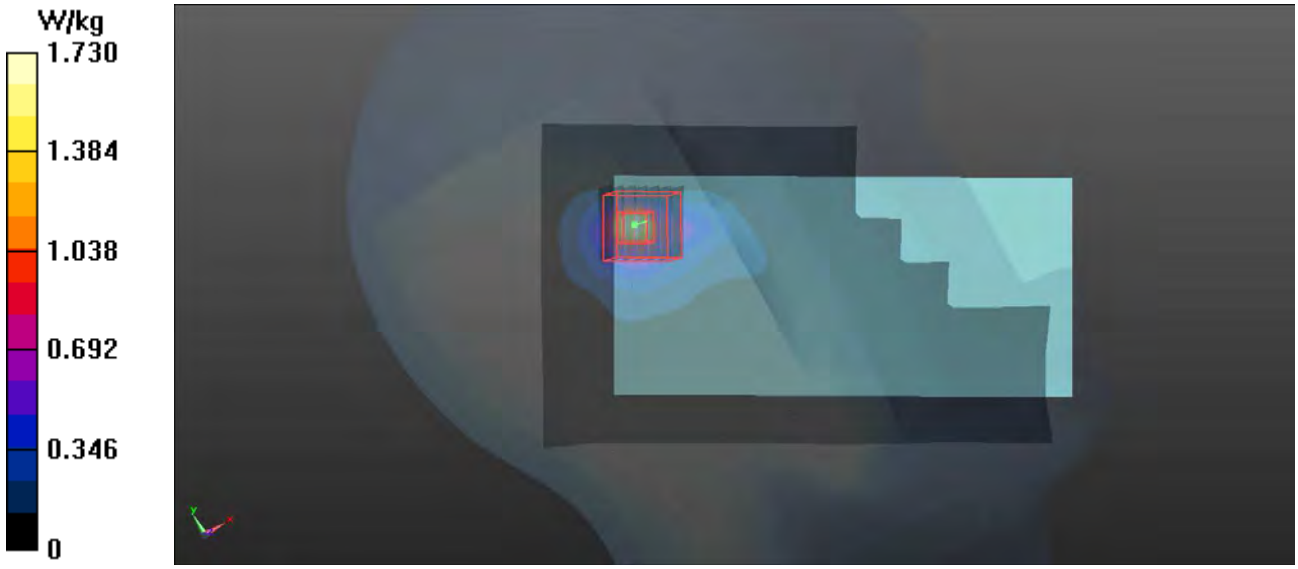
DUT: 180427W003

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: HSL5G_0519 Medium parameters used: f = 5745 MHz; σ = 5.369 S/m; ε_r = 35.904; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.9 ℃

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 (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.73 W/kg

- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.907 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 1.94 W/kg



P17 GSM850_GPRS12_Rear Face_1.5cm_Ch189

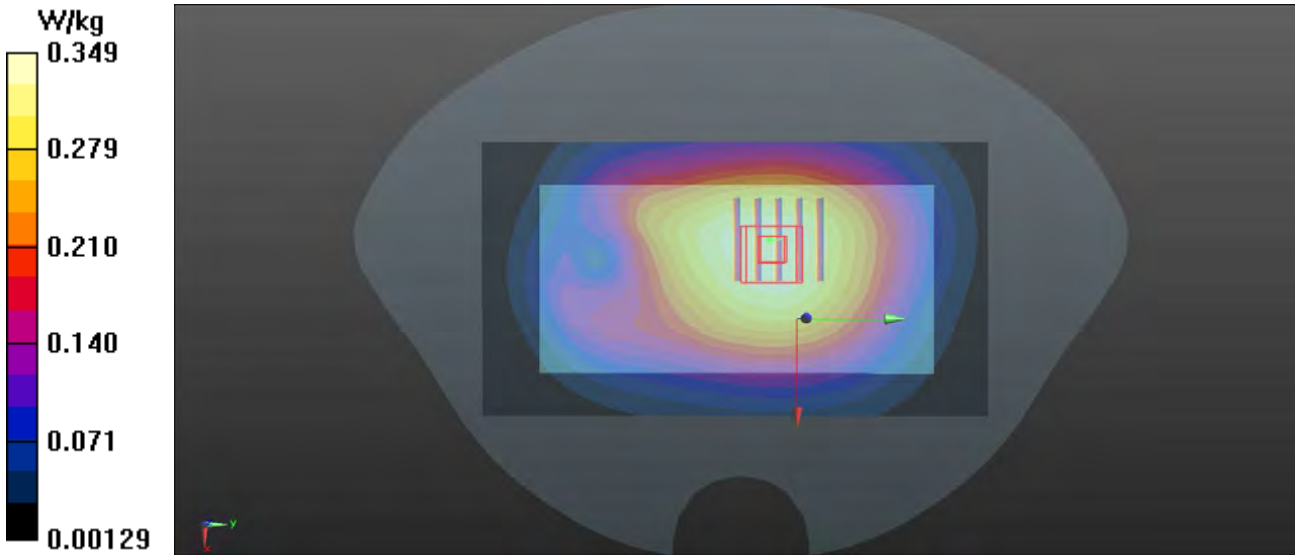
DUT: 180427W003

Communication System: GPRS12; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL835_0511 Medium parameters used: f = 836.4 MHz; σ = 0.993 S/m; ε_r = 55.599; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.349 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.99 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.376 W/kg
SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.232 W/kg
Maximum value of SAR (measured) = 0.351 W/kg



P18 GSM1900_GPRS10_Front Face_1.5cm_Ch512

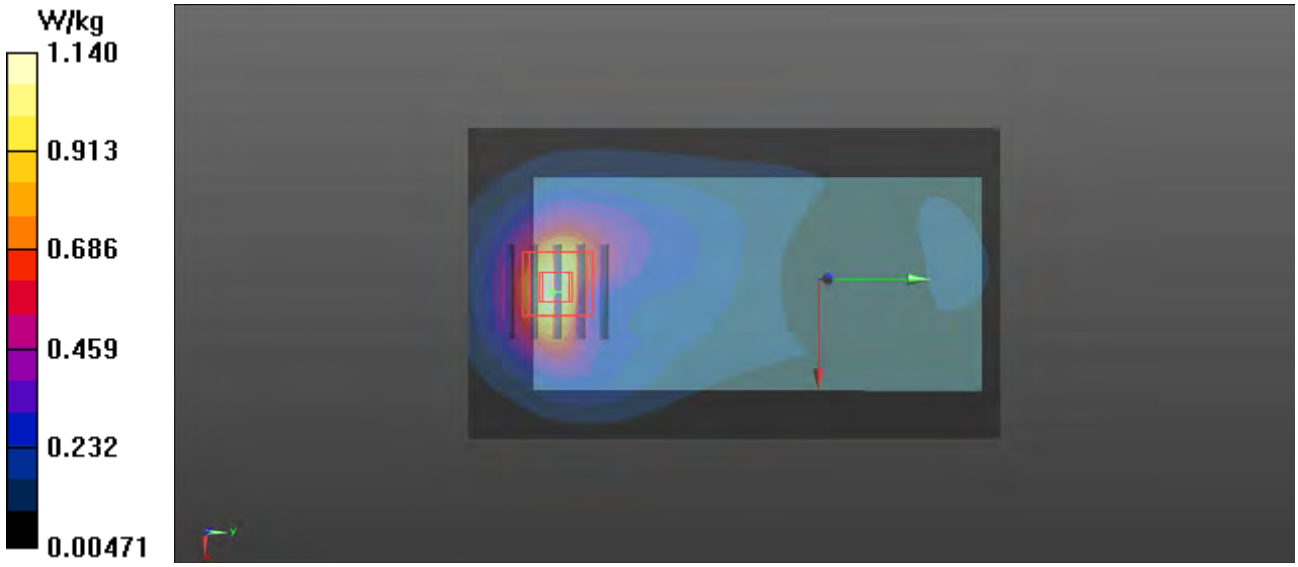
DUT: 180427W003

Communication System: GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL1900_0514 Medium parameters used: f = 1850.2 MHz; σ = 1.504 S/m; ε_r = 54.846; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

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: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- 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) = 1.14 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.758 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.460 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



P19 WCDMA II_RMC12.2K_Front Face_1.5cm_Ch9262

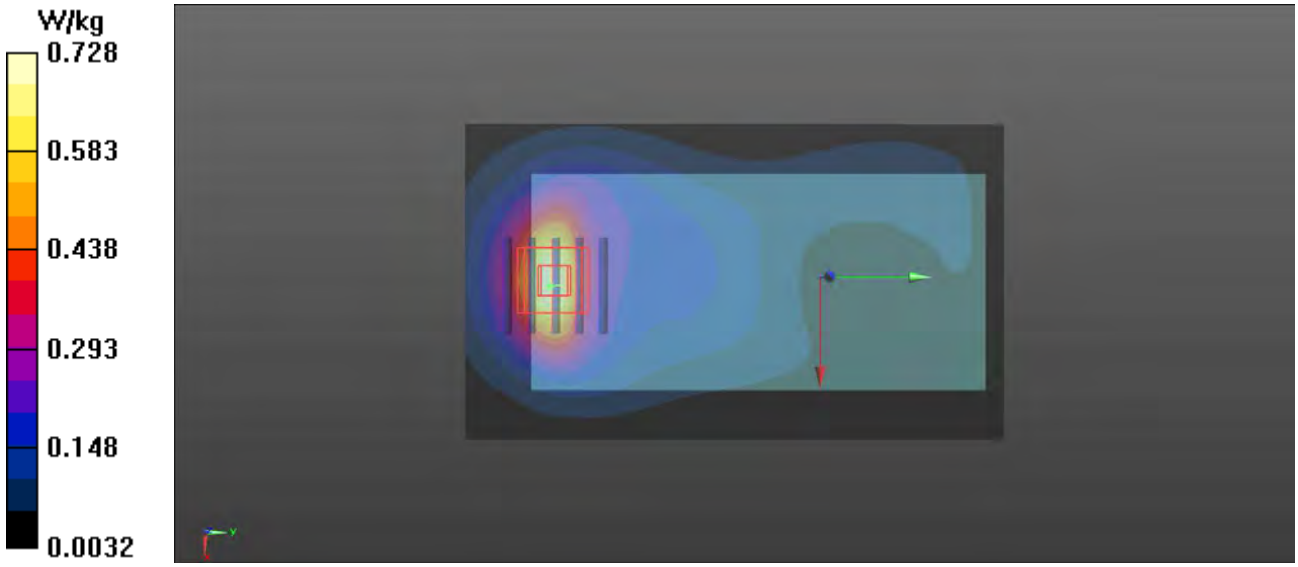
DUT: 180427W003

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL1900_0514 Medium parameters used: f = 1852.4 MHz; σ = 1.507 S/m; ε_r = 54.839; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

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: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- 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) = 0.728 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.200 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.849 W/kg
SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.304 W/kg
Maximum value of SAR (measured) = 0.737 W/kg



P20 WCDMA IV_RMC12.2K_Front Face_1.5cm_Ch1513

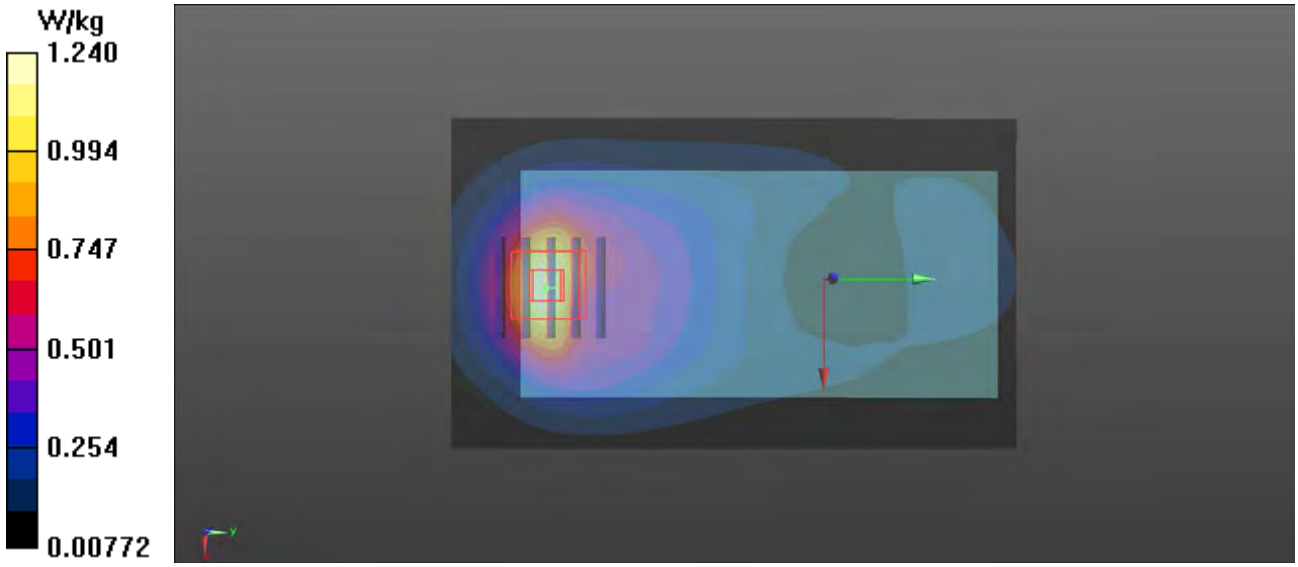
DUT: 180427W003

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL1750_0513 Medium parameters used: f = 1753 MHz; σ = 1.465 S/m; ε_r = 54.182; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

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: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- 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) = 1.24 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.520 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.534 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



P21 WCDMA V_RMC12.2K_Rear Face_1.5cm_Ch4182

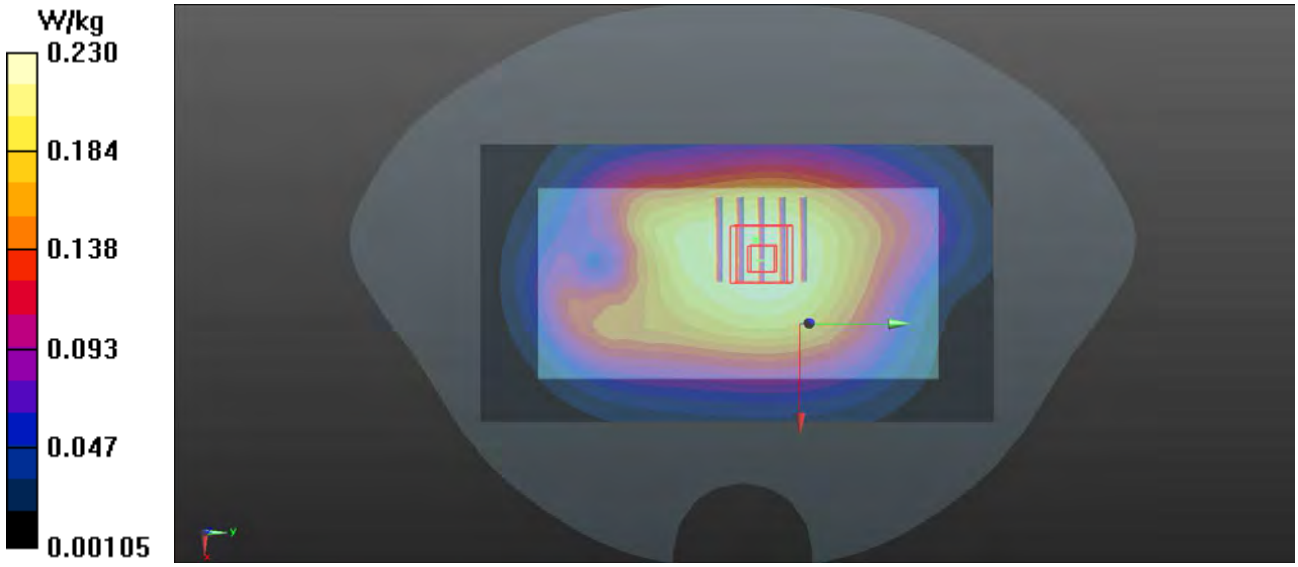
DUT: 180427W003

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL835_0511 Medium parameters used: f = 836.4 MHz; σ = 0.993 S/m; ε_r = 55.599; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.230 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.99 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.231 W/kg



P22 LTE 2_QPSK20M_Front Face_1.5cm_Ch18700_1RB_OS0

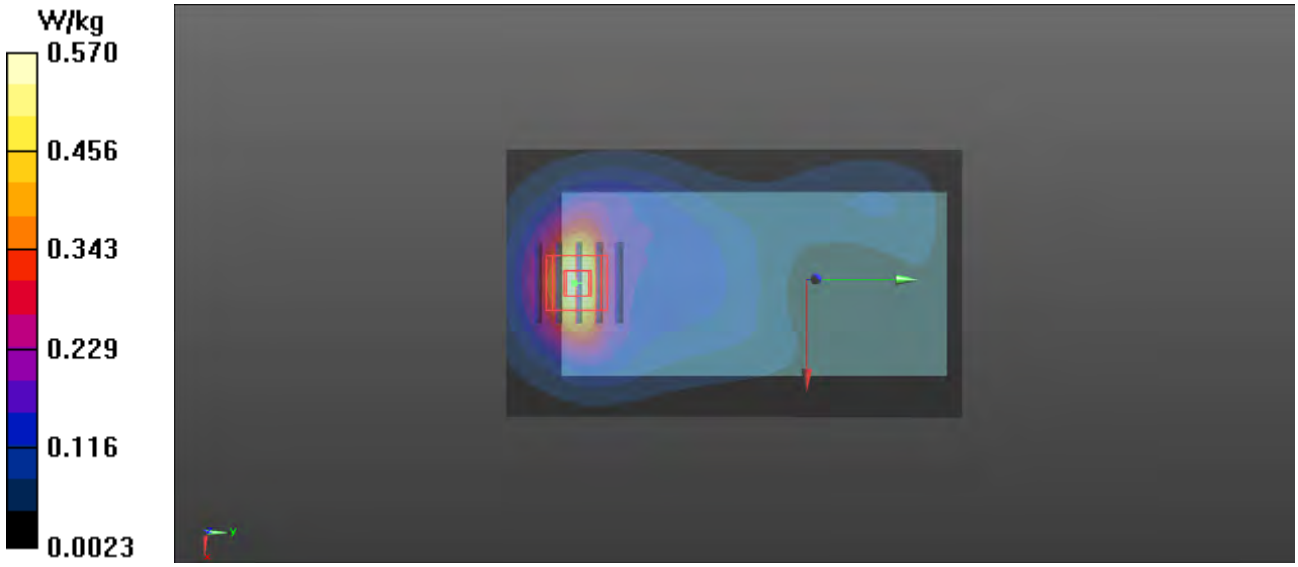
DUT: 180427W003

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL1900_0514 Medium parameters used: f = 1860 MHz; σ = 1.516 S/m; ε_r = 54.799; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.2 ℃

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: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- 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) = 0.570 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.461 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.658 W/kg
SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.237 W/kg
Maximum value of SAR (measured) = 0.572 W/kg



P23 LTE 4_QPSK20M_Front Face_1.5cm_Ch20050_1RB_OS0

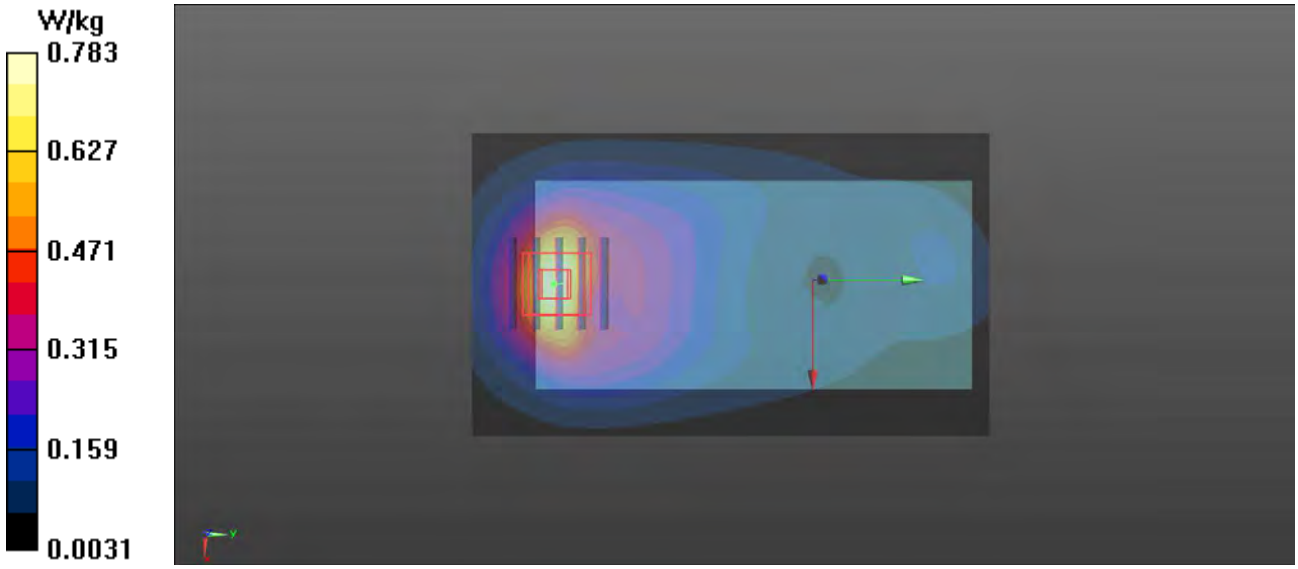
DUT: 180427W003

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL1750_0513 Medium parameters used: f = 1720 MHz; σ = 1.426 S/m; ε_r = 54.336; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.3 ℃

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: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- 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) = 0.783 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.245 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.924 W/kg
SAR(1 g) = 0.593 W/kg; SAR(10 g) = 0.357 W/kg
Maximum value of SAR (measured) = 0.819 W/kg



P24 LTE 5_QPSK10M_Rear Face_1.5cm_Ch20525_1RB_OS0

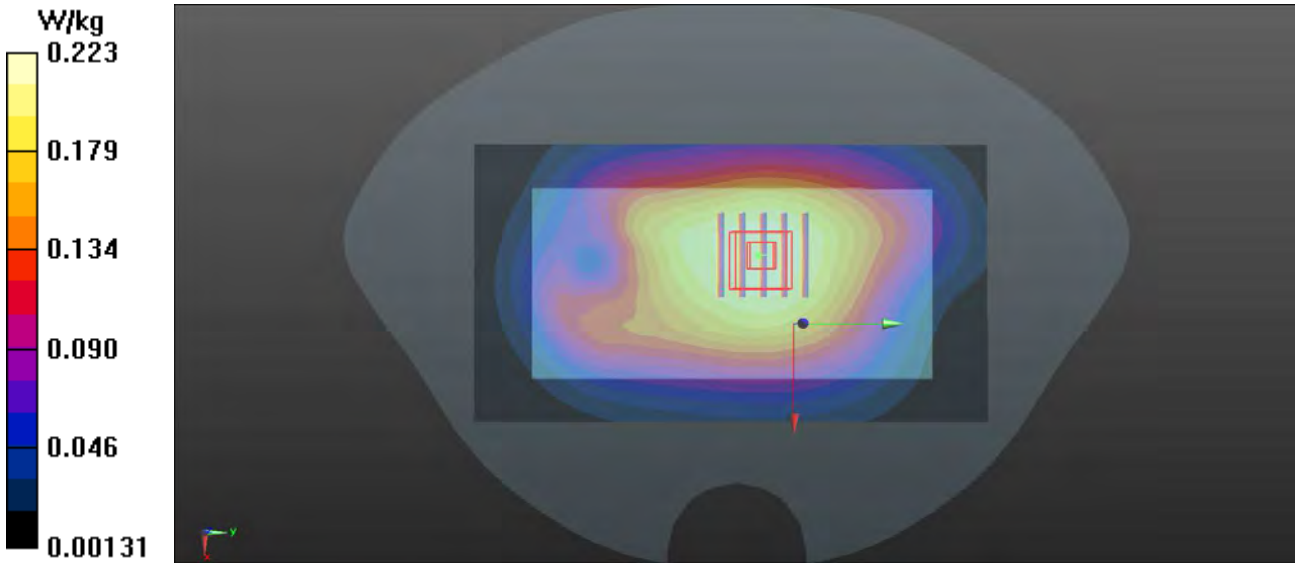
DUT: 180427W003

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL835_0511 Medium parameters used: f = 836.5 MHz; σ = 0.993 S/m; ε_r = 55.598; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.223 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.68 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.224 W/kg



P25 LTE 7_QPSK20M_Front Face_1.5cm_Ch20850_1RB_OS0

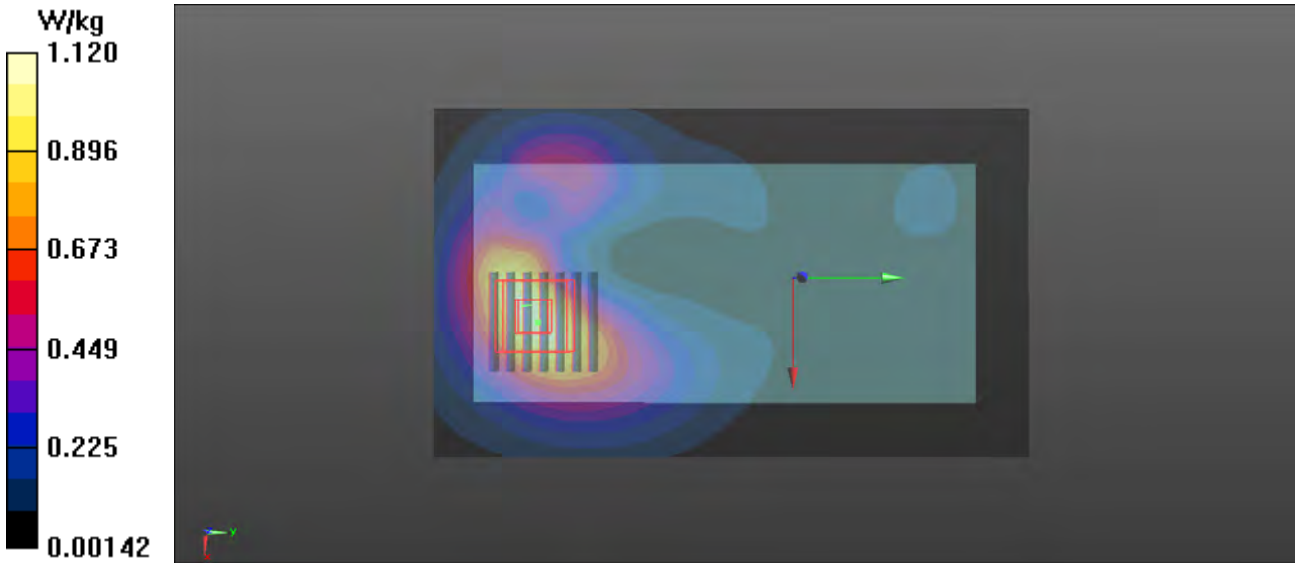
DUT: 180427W003

Communication System: LTE; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: MSL2600_0512 Medium parameters used: f = 2510 MHz; σ = 2.017 S/m; ε_r = 50.982; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.8 ℃

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) = 1.12 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.231 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.404 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



P26 LTE 12_QPSK10M_Rear Face_1.5cm_Ch23095_1RB_OS0

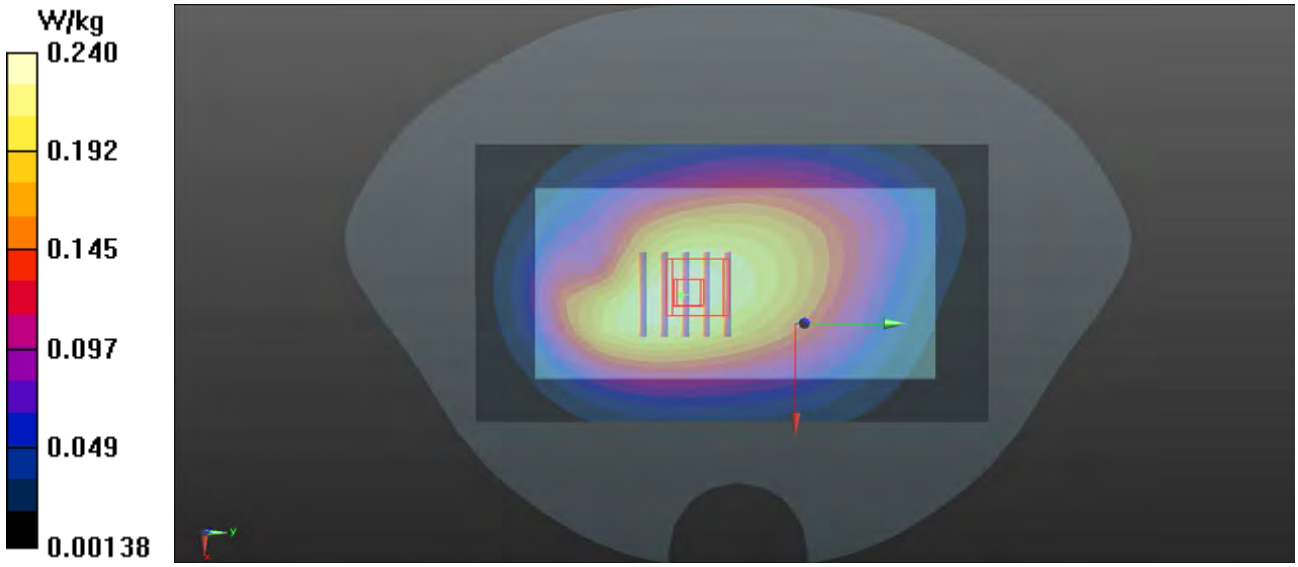
DUT: 180427W003

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: MSL750_0515 Medium parameters used: f = 707.5 MHz; σ = 0.93 S/m; ε_r = 55.608; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃； Liquid Temperature：22.2 ℃

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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.240 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.45 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.257 W/kg
SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.154 W/kg
Maximum value of SAR (measured) = 0.238 W/kg



P27 LTE 17_QPSK10M_Rear Face_1.5cm_Ch23800_1RB_OS0

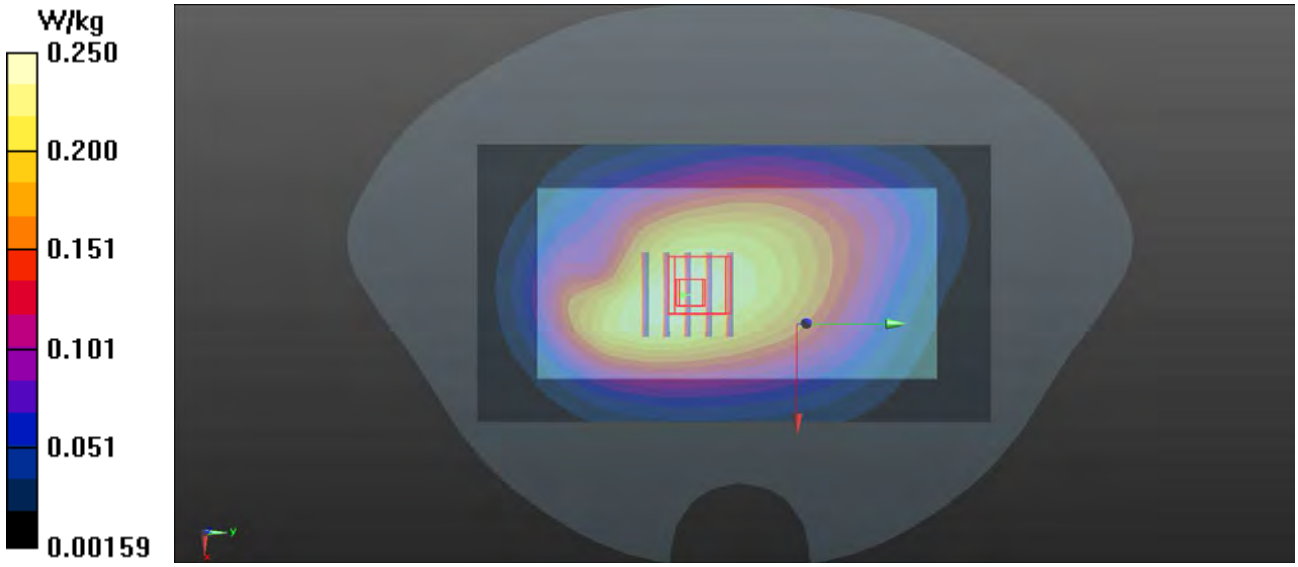
DUT: 180427W003

Communication System: LTE; Frequency: 711 MHz;Duty Cycle: 1:1
Medium: MSL750_0515 Medium parameters used: f = 711 MHz; σ = 0.934 S/m; ε_r = 55.578; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃； Liquid Temperature：22.2 ℃

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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.250 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.80 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.268 W/kg
SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 0.248 W/kg



P28 LTE 38_QPSK20M_Front Face_1.5cm_Ch38000_1RB_OS0

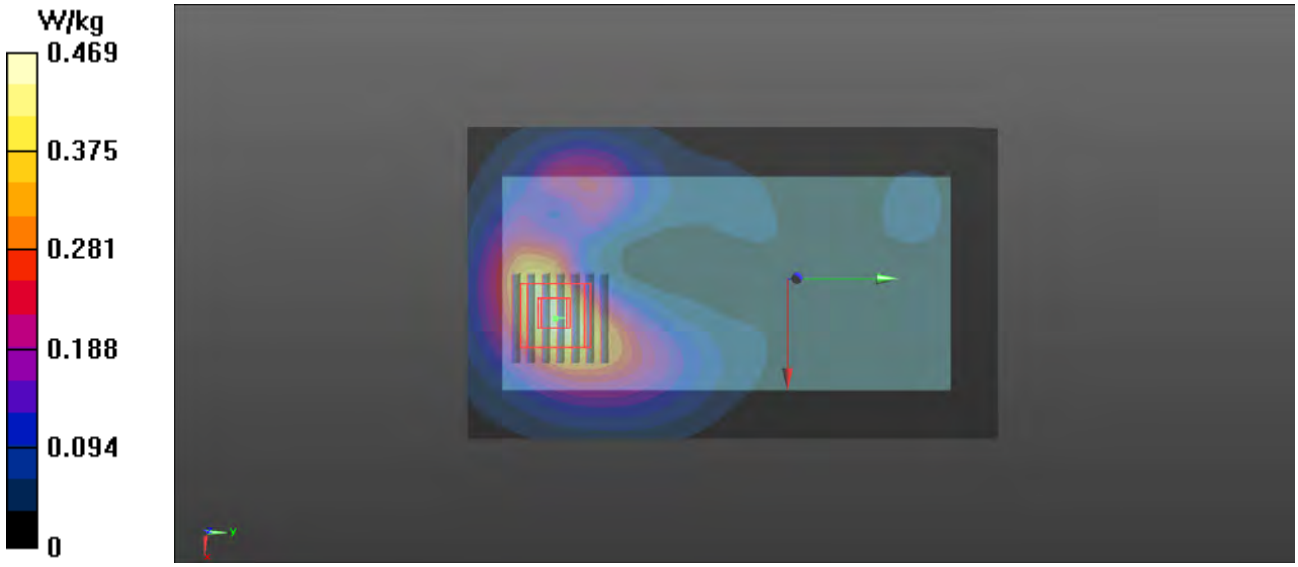
DUT: 180427W003

Communication System: LTE; Frequency: 2595 MHz;Duty Cycle: 1:1.58
Medium: MSL2600_0512 Medium parameters used: f = 2595 MHz; σ = 2.089 S/m; ε_r = 50.756; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.8 ℃

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) = 0.469 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.484 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.552 W/kg
SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.166 W/kg
Maximum value of SAR (measured) = 0.453 W/kg



P29 802.11b_Rear Face_1.5cm_Ch6

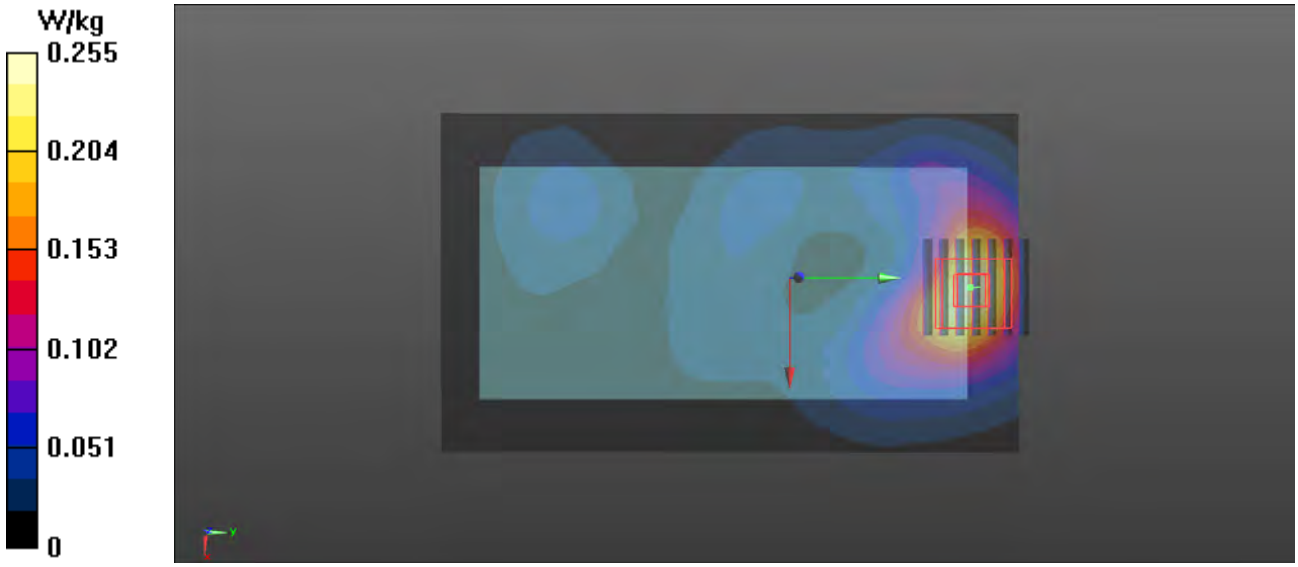
DUT: 180427W003

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL2450_0516 Medium parameters used: f = 2437 MHz; σ = 1.887 S/m; ε_r = 51.45; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

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) = 0.255 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.531 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.256 W/kg



P30 802.11a_Rear Face_1.5cm_Ch52

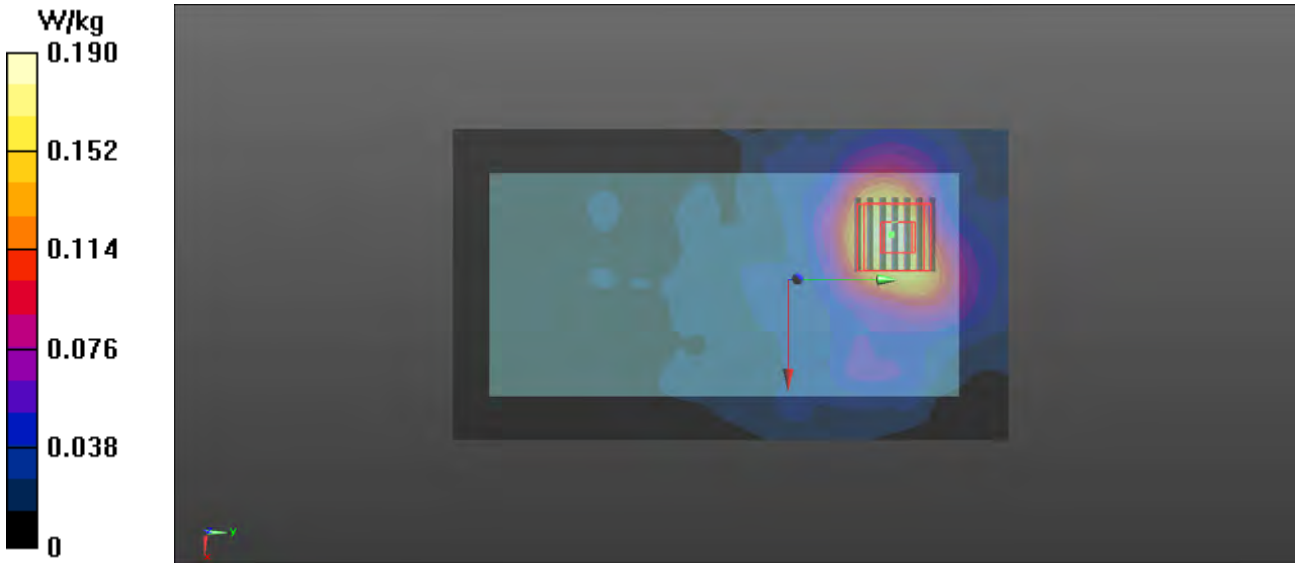
DUT: 180427W003

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: MSL5G_0523 Medium parameters used: f = 5260 MHz; σ = 5.396 S/m; ε_r = 48.862; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.9 ℃

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 (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.190 W/kg

- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.451 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.316 W/kg
SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.038 W/kg
Maximum value of SAR (measured) = 0.183 W/kg



P31 802.11a_Rear Face_1.5cm_Ch140

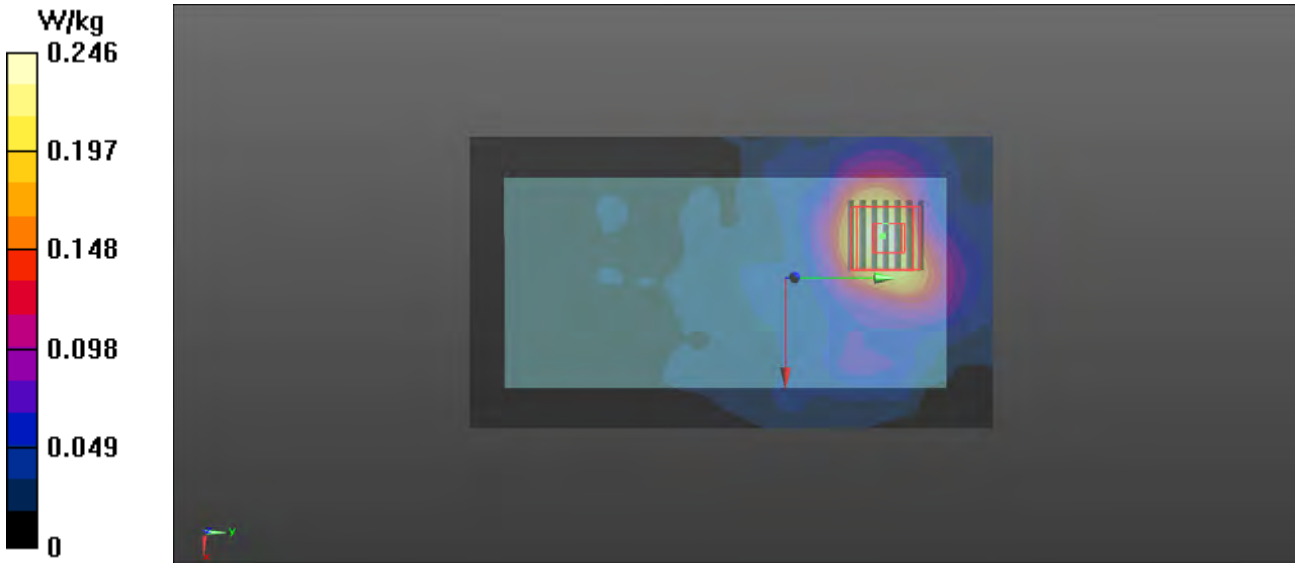
DUT: 180427W003

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: MSL5G_0523 Medium parameters used: f = 5700 MHz; σ = 6.005 S/m; ε_r = 47.917; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.9 ℃

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 (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.246 W/kg

- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.8720 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.414 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.042 W/kg
Maximum value of SAR (measured) = 0.253 W/kg



P32 802.11a_Rear Face_1.5cm_Ch149

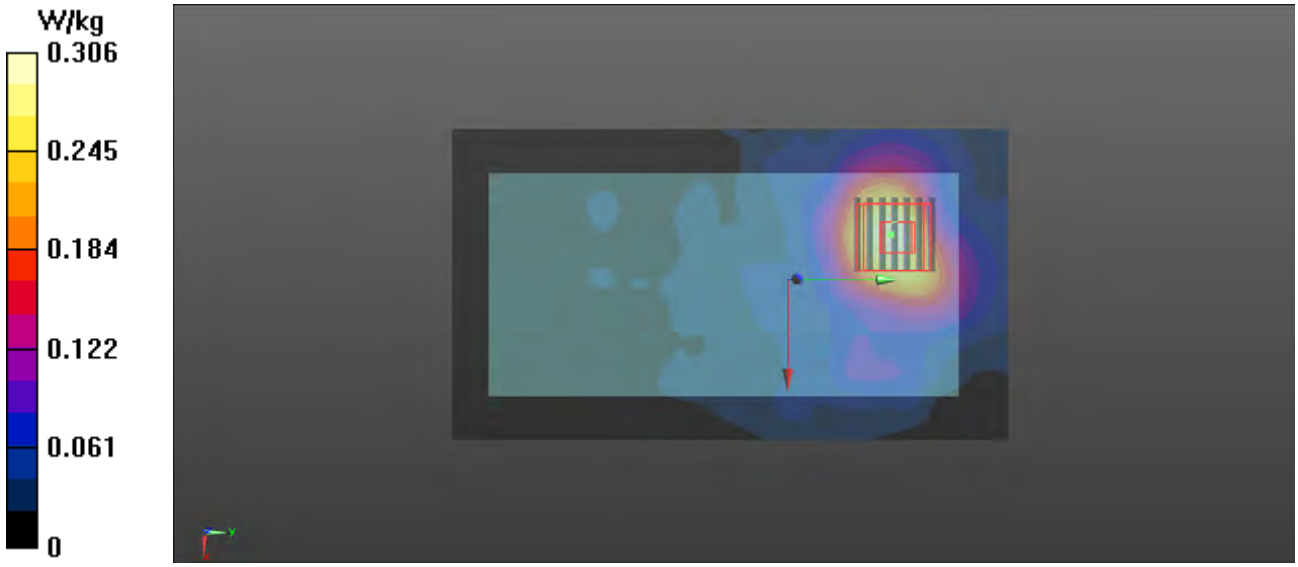
DUT: 180427W003

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL5G_0523 Medium parameters used: f = 5745 MHz; σ = 6.027 S/m; ε_r = 48.013; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.9 ℃

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 (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.306 W/kg

- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.017 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.055 W/kg
Maximum value of SAR (measured) = 0.317 W/kg



P33 GSM850_GPRS12_Right Side_1cm_Ch189

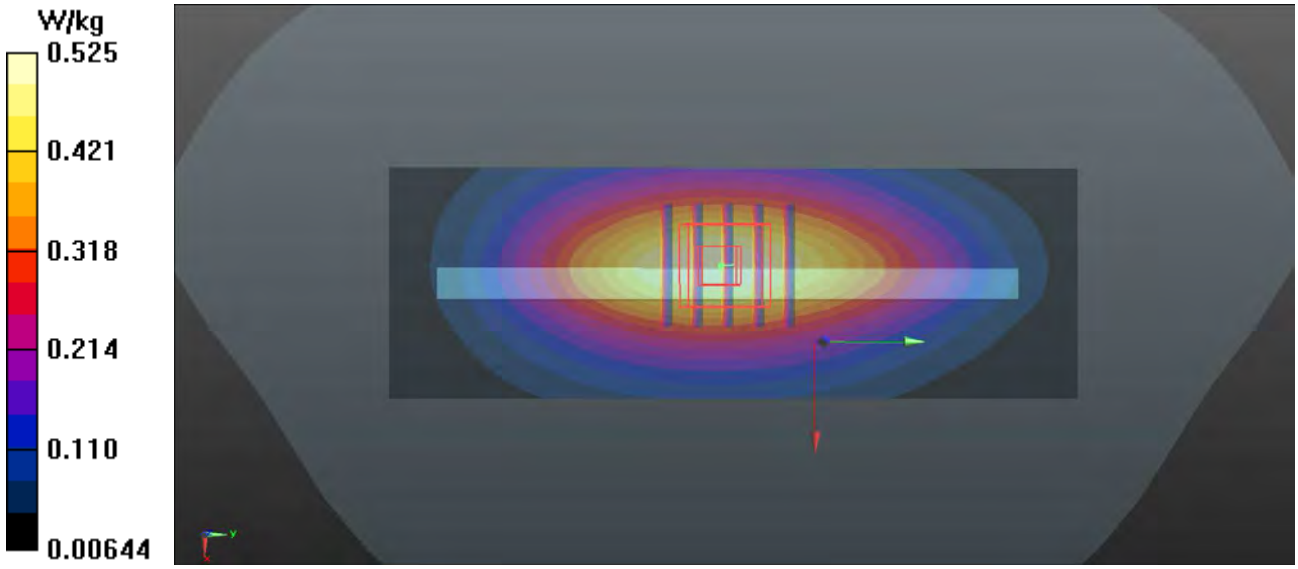
DUT: 180427W003

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL835_0511 Medium parameters used: f = 824.2 MHz; σ = 0.982 S/m; ε_r = 55.725; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

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 (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.525 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.65 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.581 W/kg
SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.288 W/kg
Maximum value of SAR (measured) = 0.528 W/kg



P34 GSM1900_GPRS12_Bottom Side_1cm_Ch512

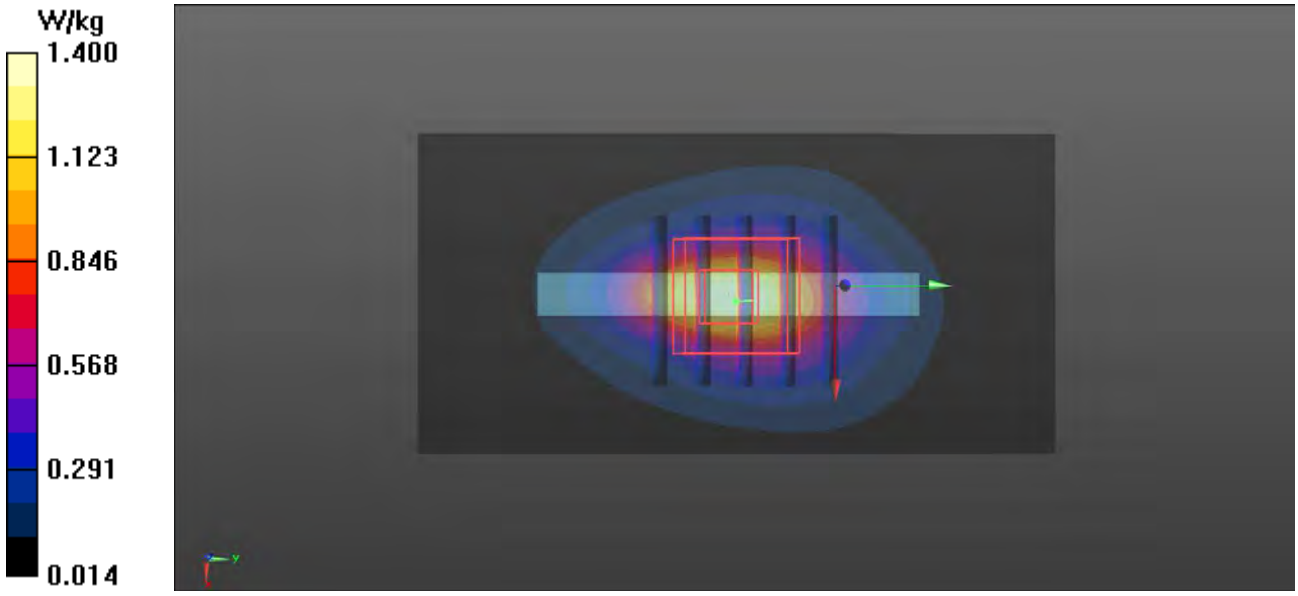
DUT: 180427W003

Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL1900_0514 Medium parameters used: f = 1850.2 MHz; σ = 1.504 S/m; ε_r = 54.846; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

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: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.40 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.36 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.498 W/kg
Maximum value of SAR (measured) = 1.39 W/kg



P35 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9538

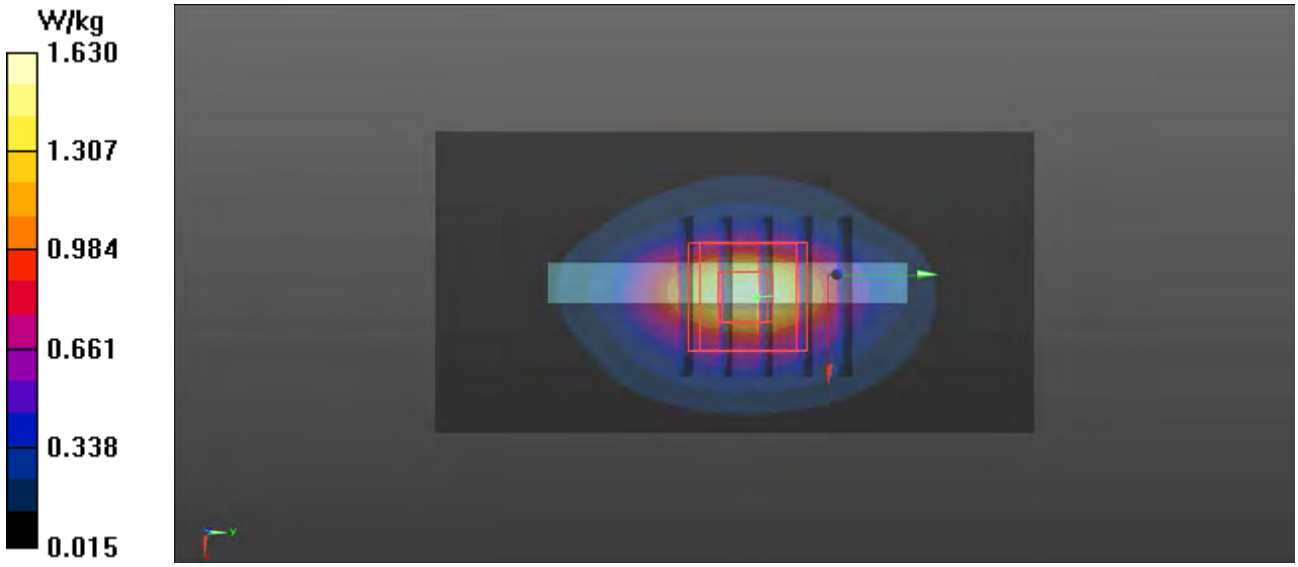
DUT: 180427W003

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL1900_0514 Medium parameters used: f = 1908 MHz; σ = 1.57 S/m; ε_r = 54.675; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

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: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.63 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.84 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.555 W/kg
Maximum value of SAR (measured) = 1.60 W/kg



P36 WCDMA IV_RMC12.2K_Bottom Side_1cm_Ch1513

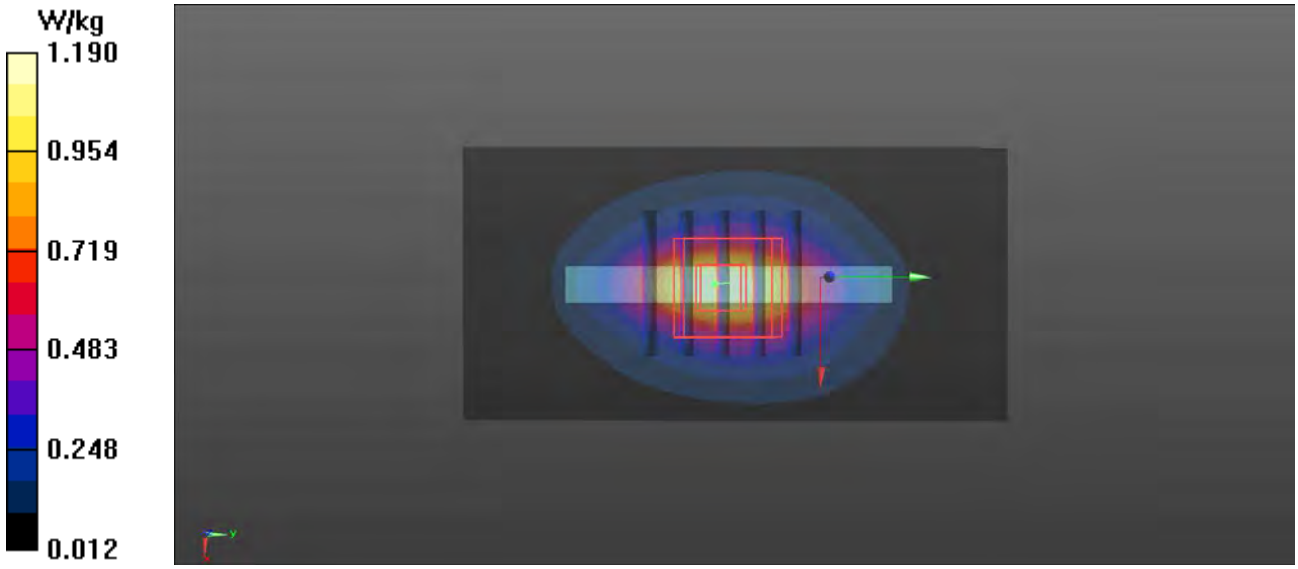
DUT: 180427W003

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL1750_0513 Medium parameters used: f = 1753 MHz; σ = 1.465 S/m; ε_r = 54.182; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

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: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.85 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.446 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



P37 WCDMA V_RMC12.2K_Right Side_1cm_Ch4182

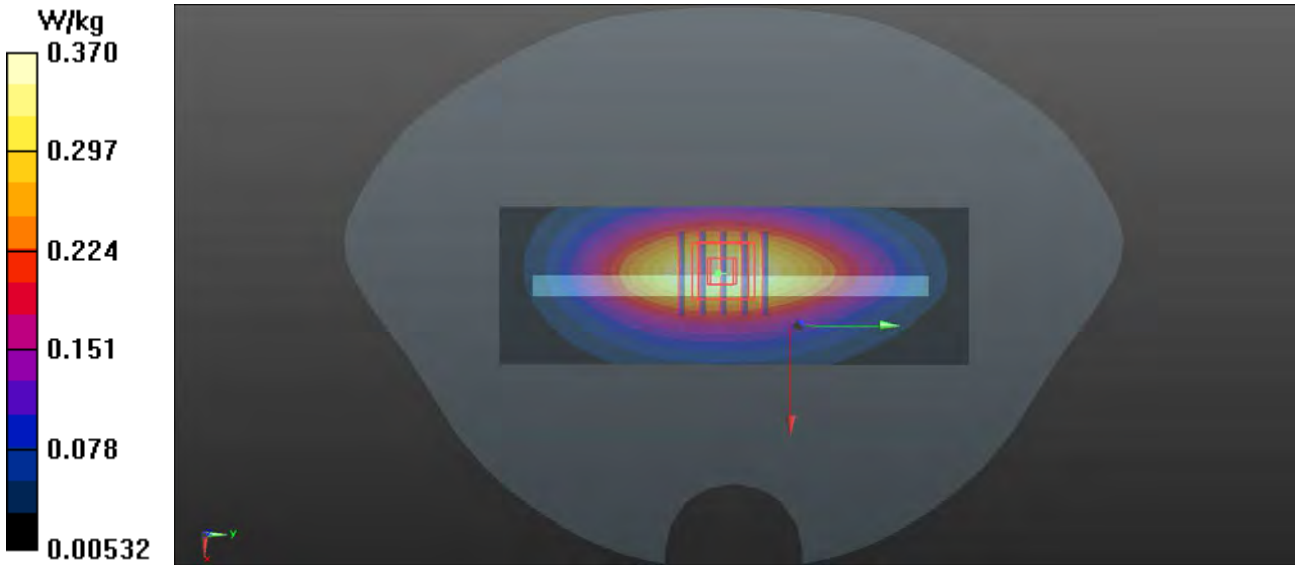
DUT: 180427W003

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL835_0511 Medium parameters used: f = 836.4 MHz; σ = 0.993 S/m; ε_r = 55.599; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

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 (41x121x1): 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 = 17.13 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.416 W/kg
SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.199 W/kg
Maximum value of SAR (measured) = 0.374 W/kg



P38 LTE 2_QPSK20M_Bottom Side_1cm_Ch19100_1RB_OS0

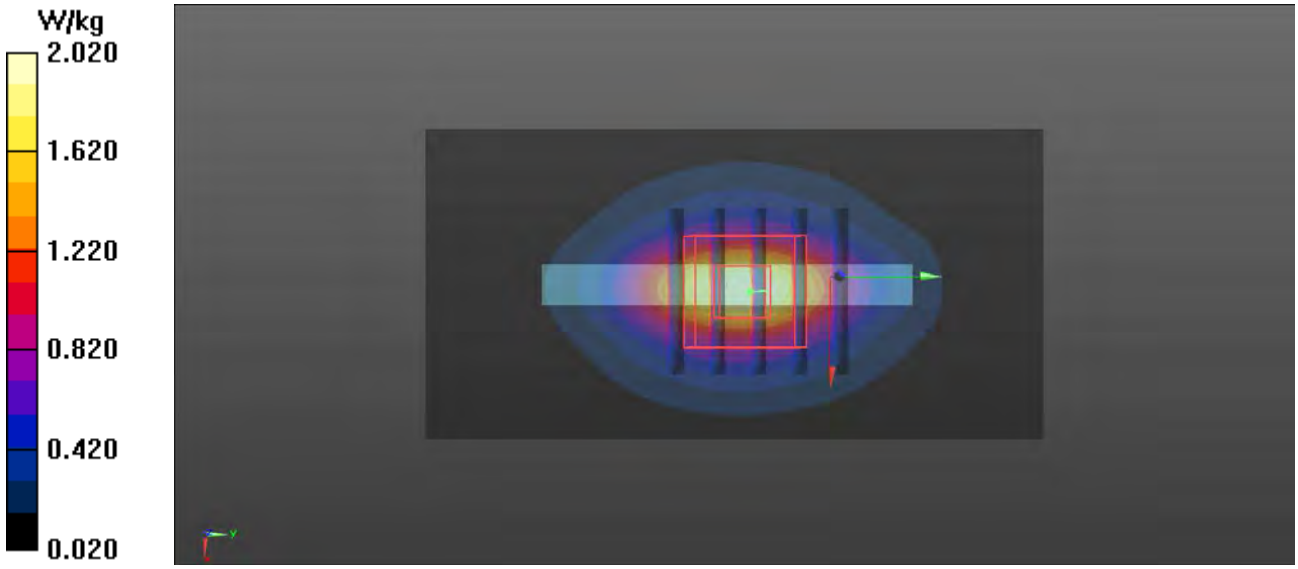
DUT: 180427W003

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL1900_0514 Medium parameters used: f = 1900 MHz; σ = 1.563 S/m; ε_r = 54.687; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

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: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.02 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.73 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.35 W/kg
SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.705 W/kg
Maximum value of SAR (measured) = 2.00 W/kg



P39 LTE 4_QPSK20M_Bottom Side_1cm_Ch20300_1RB_OS0

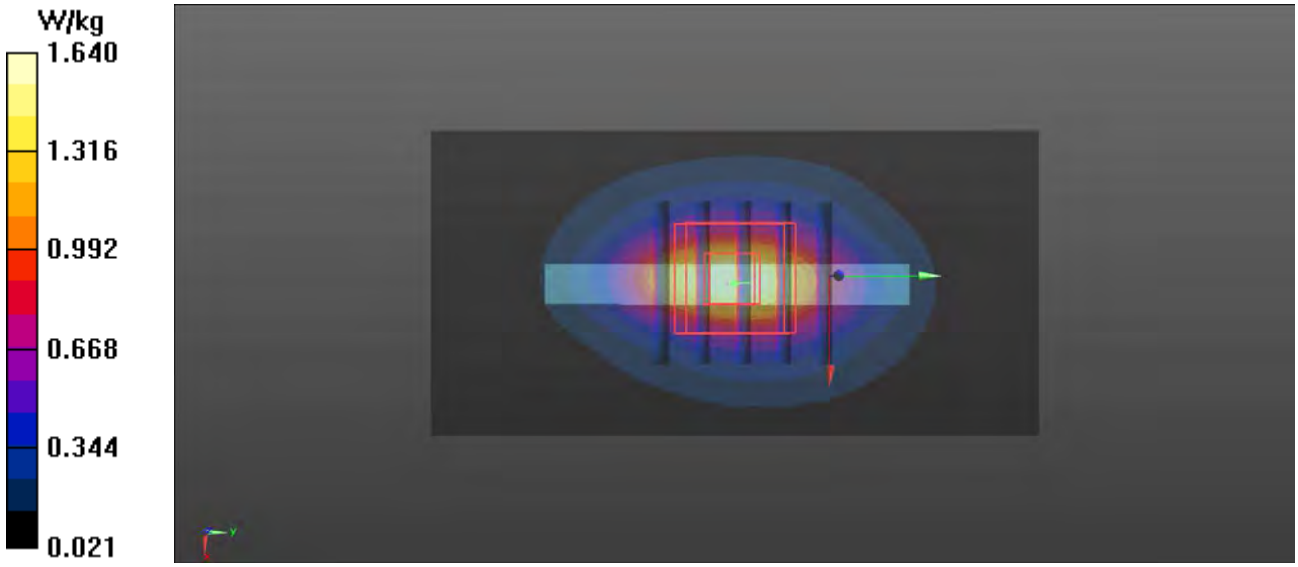
DUT: 180427W003

Communication System: LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: MSL1750_0513 Medium parameters used: f = 1745 MHz; σ = 1.453 S/m; ε_r = 54.203; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.3 ℃

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: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.64 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.28 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.608 W/kg
Maximum value of SAR (measured) = 1.65 W/kg



P40 LTE 5_QPSK10M_Right Side_1cm_Ch20525_1RB_OS0

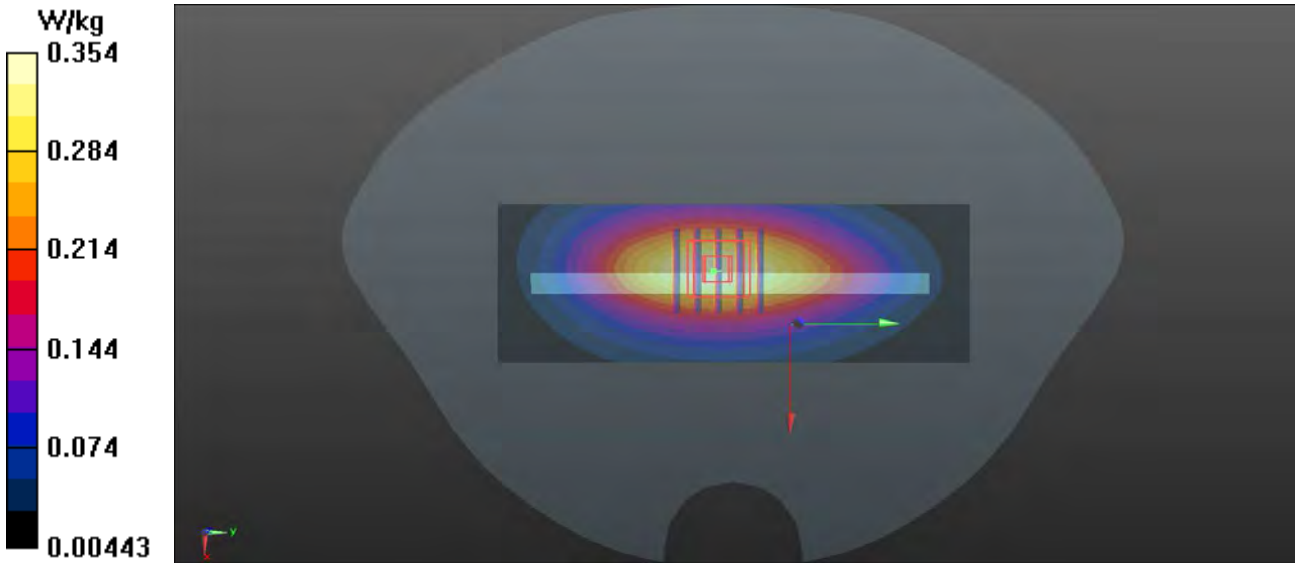
DUT: 180427W003

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL835_0511 Medium parameters used: f = 836.5 MHz; σ = 0.993 S/m; ε_r = 55.598; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

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 (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.354 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.63 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.190 W/kg
Maximum value of SAR (measured) = 0.359 W/kg



P41 LTE 7_QPSK20M_Bottom Side_1cm_Ch21100_1RB_OS0

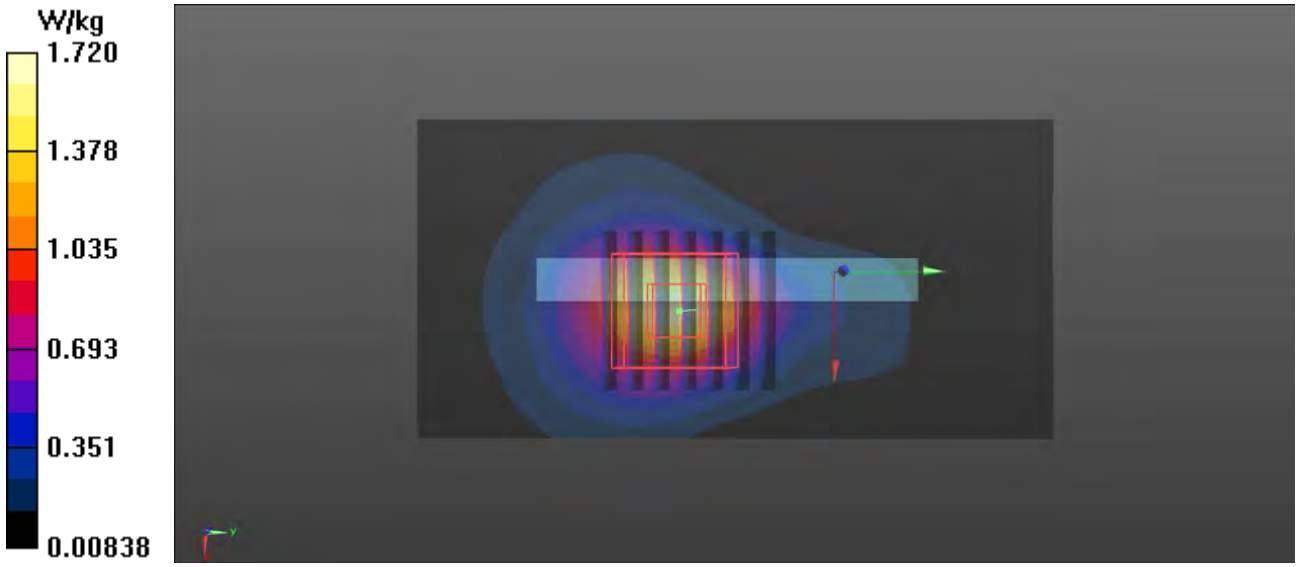
DUT: 180427W003

Communication System: LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: MSL2600_0512 Medium parameters used: f = 2535 MHz; σ = 2.017 S/m; ε_r = 50.982; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.8 ℃

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 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.72 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.53 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.514 W/kg
Maximum value of SAR (measured) = 1.69 W/kg



P42 LTE 12_QPSK10M_Rear Face_1cm_Ch23095_1RB_OS0

DUT: 180427W003

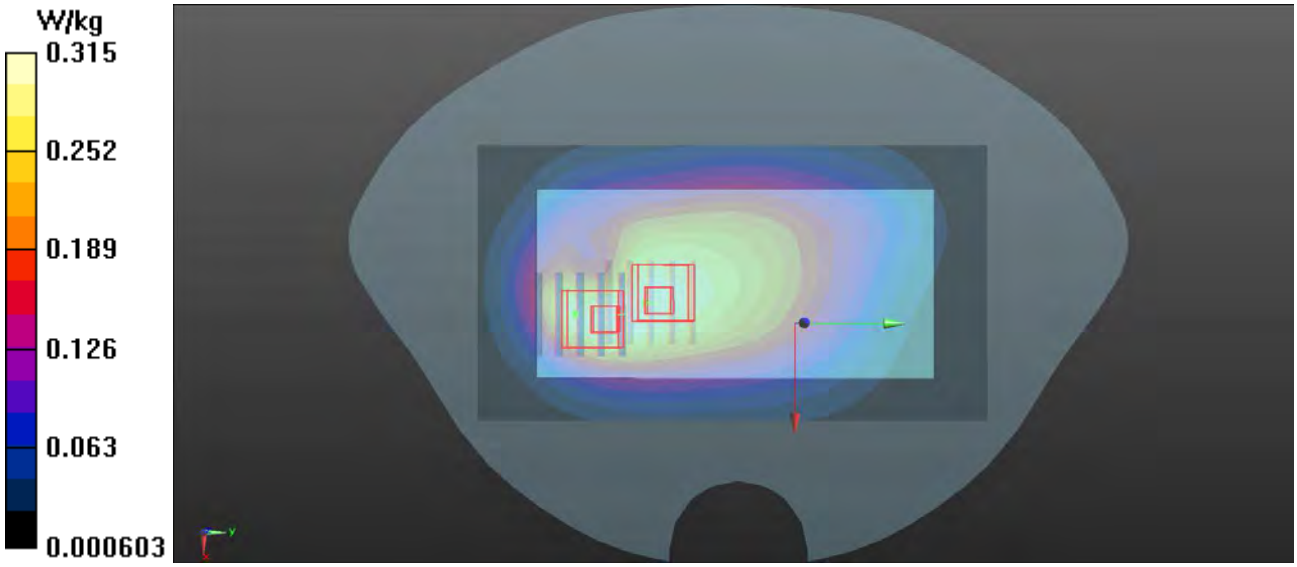
Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: MSL750_0515 Medium parameters used: f = 707.5 MHz; σ = 0.93 S/m; ε_r = 55.608; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃； Liquid Temperature：22.2 ℃

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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.315 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.19 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.194 W/kg
Maximum value of SAR (measured) = 0.315 W/kg

- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.19 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.354 W/kg
SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.148 W/kg



P43 LTE 17_QPSK10M_Rear Face_1cm_Ch23800_1RB_OS0

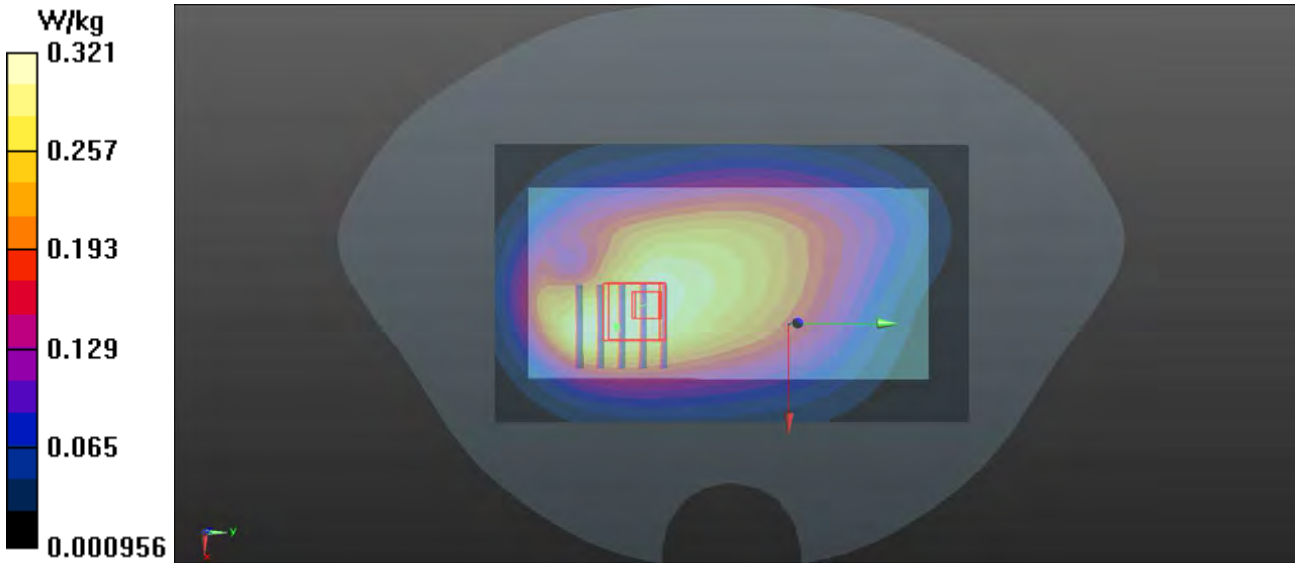
DUT: 180427W003

Communication System: LTE; Frequency: 711 MHz;Duty Cycle: 1:1
Medium: MSL750_0515 Medium parameters used: f = 711 MHz; σ = 0.934 S/m; ε_r = 55.578; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.2 ℃

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) = 0.321 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.01 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.357 W/kg
SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.181 W/kg
Maximum value of SAR (measured) = 0.320 W/kg



P44 LTE 38_QPSK20M_Bottom Side_1cm_Ch37850_1RB_OS0

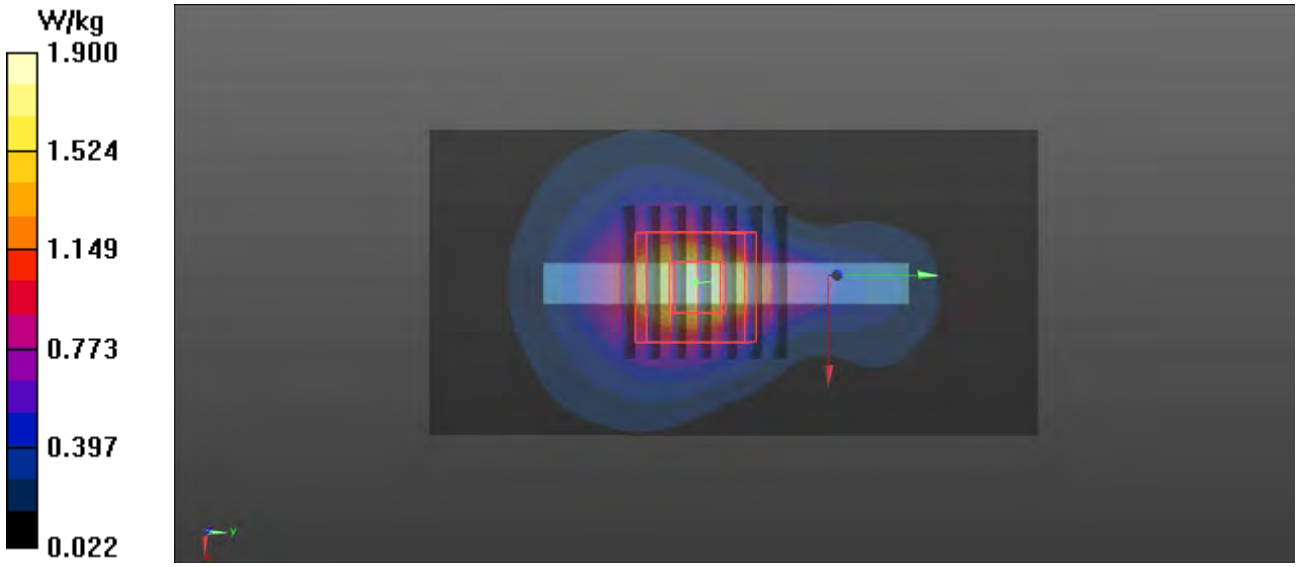
DUT: 180427W003

Communication System: LTE; Frequency: 2580 MHz;Duty Cycle: 1:1.58
Medium: MSL2600_0512 Medium parameters used: f = 2580 MHz; σ = 2.07 S/m; ε_r = 50.804; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.8 ℃

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 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.90 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.16 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.20 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.554 W/kg
Maximum value of SAR (measured) = 1.79 W/kg



P45 802.11b_Top Side_1cm_Ch6

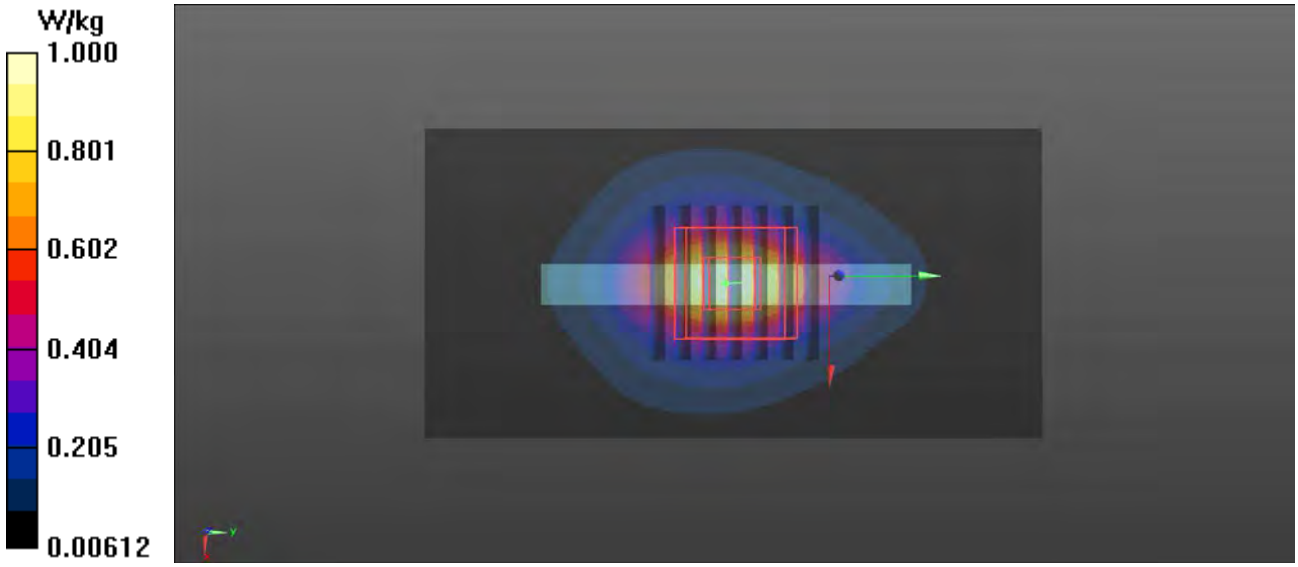
DUT: 180427W003

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL2450_0516 Medium parameters used: f = 2437 MHz; σ = 1.887 S/m; ε_r = 51.45; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

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 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.00 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.25 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.310 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



P46 802.11a_Rear Face_1cm_Ch48

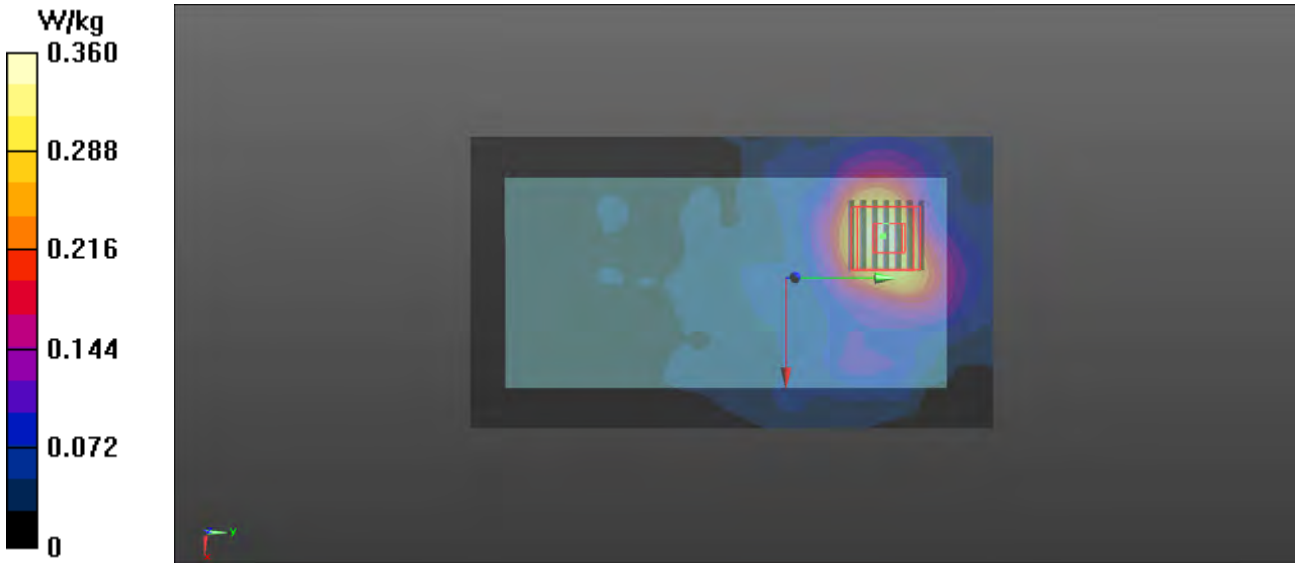
DUT: 180427W003

Communication System: 802.11a; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: MSL5G_0523 Medium parameters used: f = 5240 MHz; σ = 5.359 S/m; ε_r = 48.851; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.9 ℃

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 (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.360 W/kg

- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.732 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.566 W/kg
SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.333 W/kg



P47 802.11a_Rear Face_1cm_Ch149

DUT: 180427W003

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL5G_0523 Medium parameters used: f = 5745 MHz; σ = 6.027 S/m; ε_r = 48.013; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.9 ℃

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 (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.448 W/kg

- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.8600 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.833 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.074 W/kg
Maximum value of SAR (measured) = 0.459 W/kg