Appendix B. SAR Plots of SAR Measurement

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

P01 GSM850_GPRS12_Left Cheek_Ch189_Sample1_Battery1

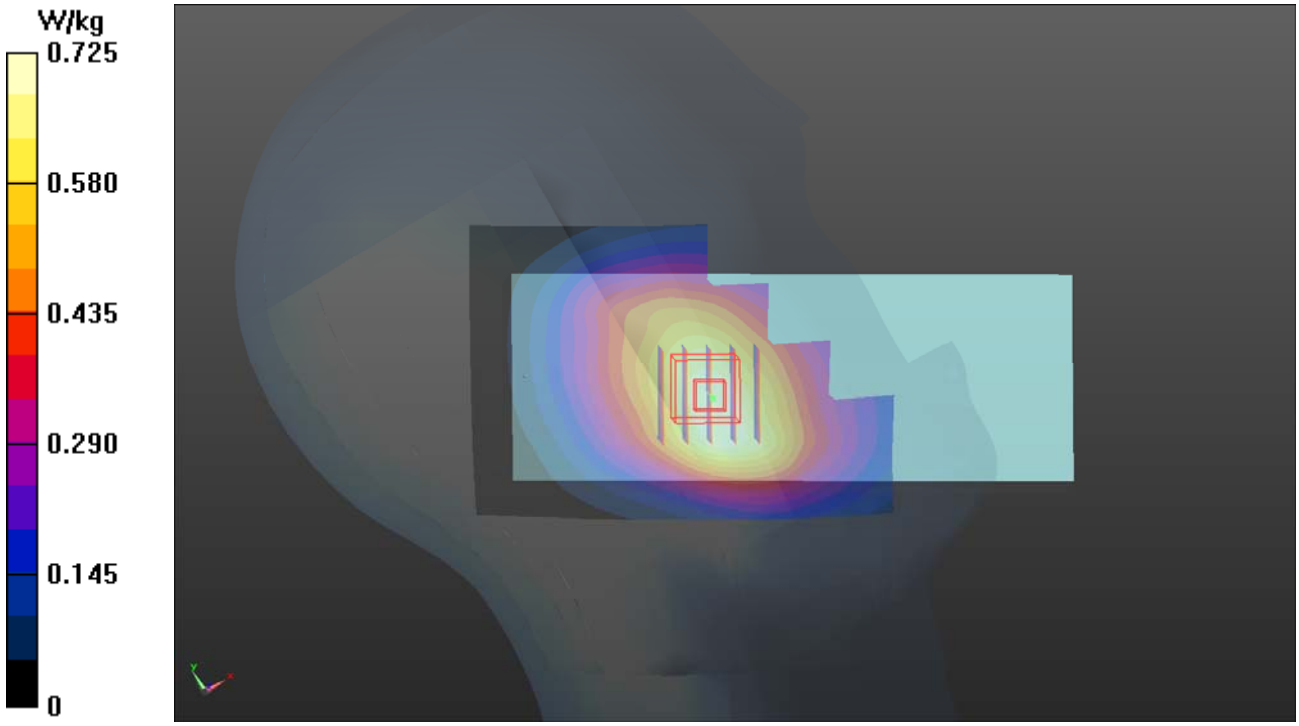
DUT: 180604C20

Communication System: GPRS12; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: H07T10N1_0725 Medium parameters used: f = 836.4 MHz; σ = 0.915 S/m; ε_r = 42.998; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.07, 10.07, 10.07); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.725 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.85 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.768 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.461 W/kg
Maximum value of SAR (measured) = 0.723 W/kg



P02 GSM1900_GPRS12_Left Cheek_Ch810_Sample1_Battery1

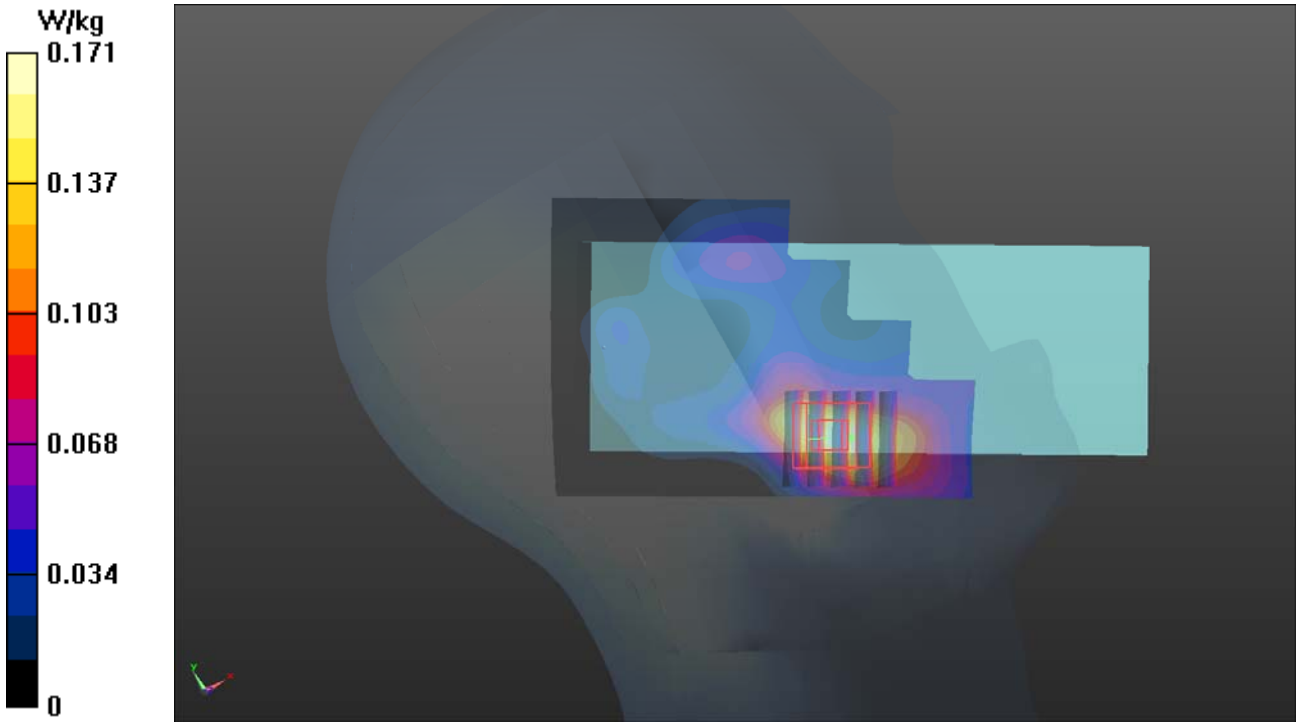
DUT: 180604C20

Communication System: GPRS12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: H16T20N1_0725 Medium parameters used: f = 1910 MHz; σ = 1.469 S/m; ε_r = 40.924; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(8.35, 8.35, 8.35); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.171 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.97 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.201 W/kg
SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.076 W/kg
Maximum value of SAR (measured) = 0.174 W/kg



P03 WCDMA II_RMC12.2K_Right Cheek_Ch9262_Sample1_Battery1

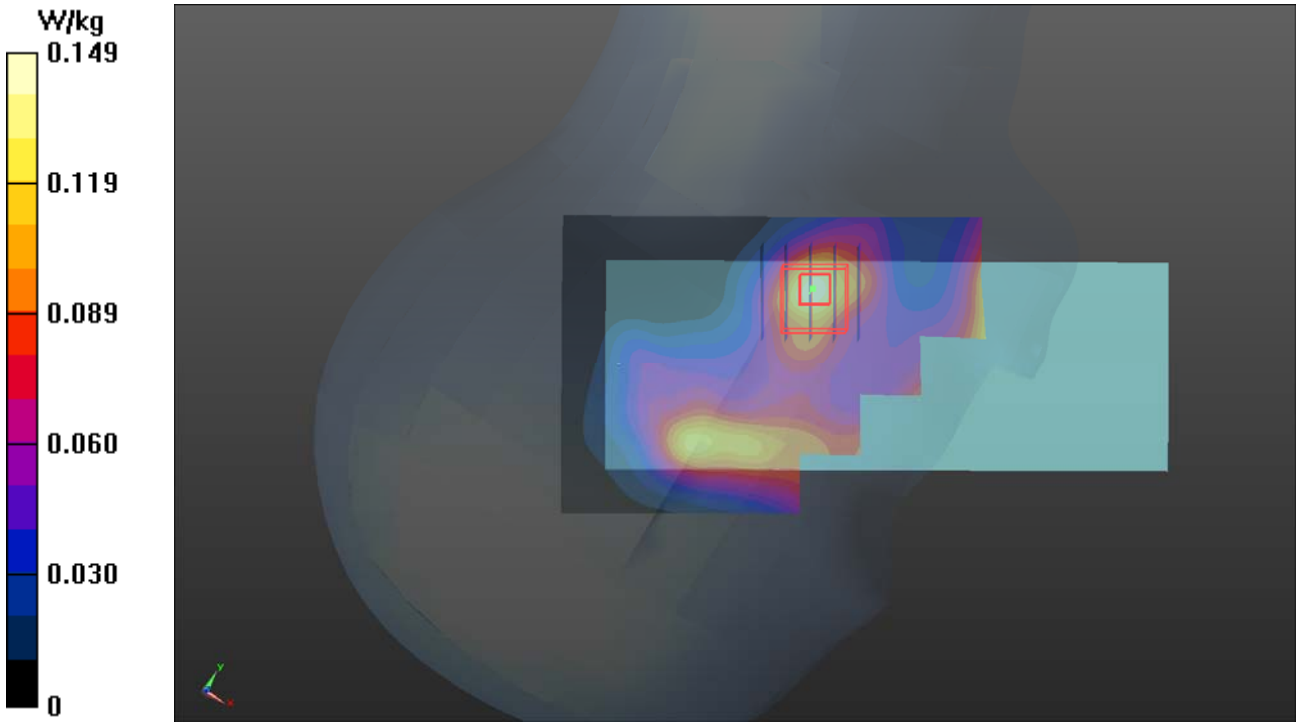
DUT: 180604C20

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: H16T20N1_0725 Medium parameters used: f = 1852.4 MHz; σ = 1.414 S/m; ε_r = 41.088; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(8.35, 8.35, 8.35); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.149 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.66 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.063 W/kg
Maximum value of SAR (measured) = 0.134 W/kg



P04 WCDMA V_RMC12.2K_Left Cheek_Ch4182_Sample1_Battery1

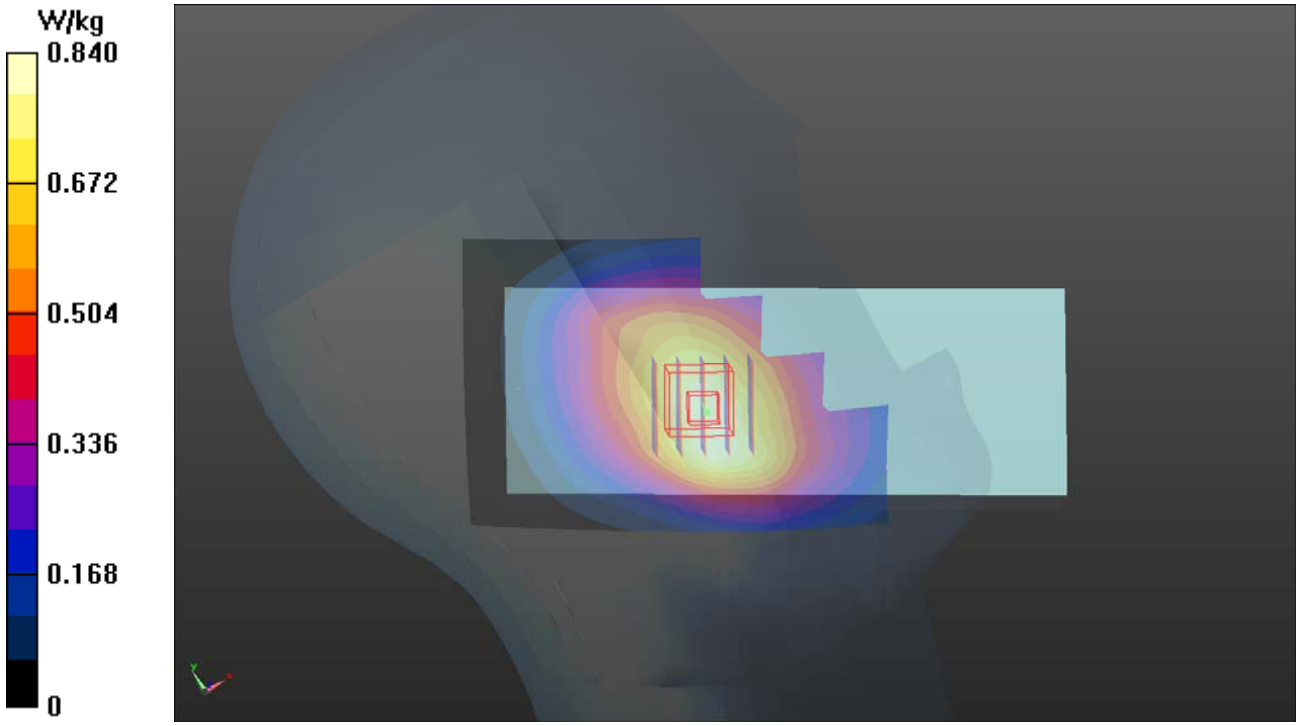
DUT: 180604C20

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: H07T10N1_0725 Medium parameters used: f = 836.4 MHz; σ = 0.915 S/m; ε_r = 42.998; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.07, 10.07, 10.07); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.840 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.01 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.875 W/kg
SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.526 W/kg
Maximum value of SAR (measured) = 0.823 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2018/07/25

P05 LTE 2_QPSK20M_Right Cheek_Ch18900_1RB_OS0_Sample1_Battery1

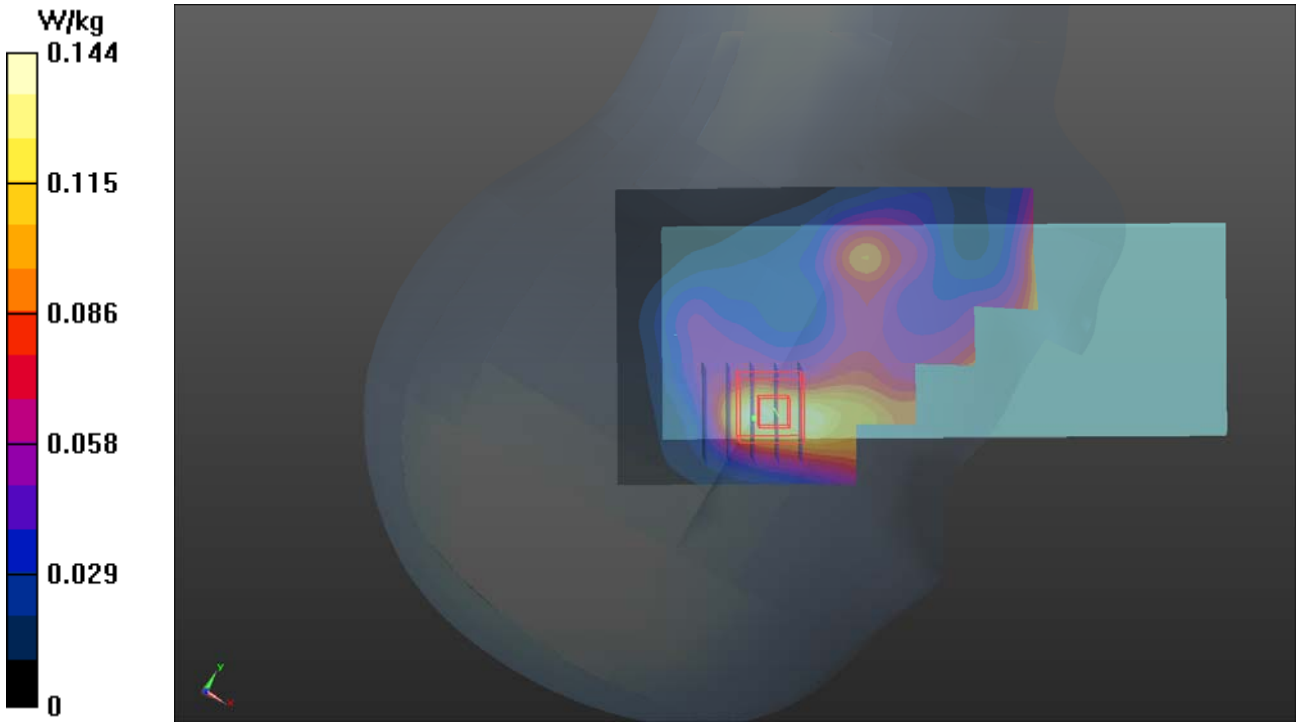
DUT: 180604C20

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H16T20N1_0725 Medium parameters used: f = 1880 MHz; σ = 1.437 S/m; ε_r = 41.035; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(8.35, 8.35, 8.35); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.144 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.43 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.169 W/kg
SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.060 W/kg
Maximum value of SAR (measured) = 0.146 W/kg



P06 LTE 4_QPSK20M_Left Cheek_Ch20050_1RB_OS0_Sample1_Battery1

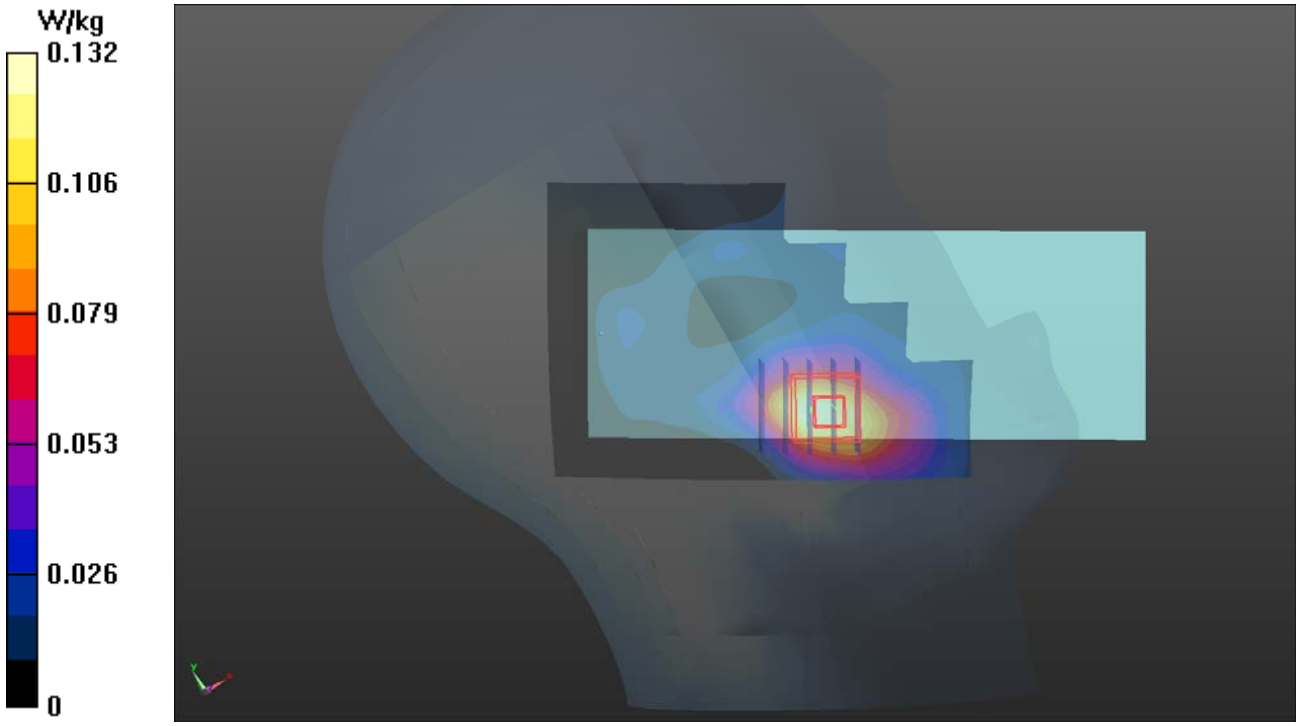
DUT: 180604C20

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: H16T20N1_0725 Medium parameters used: f = 1720 MHz; σ = 1.3 S/m; ε_r = 41.627; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(8.68, 8.68, 8.68); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.132 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.819 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.142 W/kg
SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.057 W/kg
Maximum value of SAR (measured) = 0.120 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2018/07/25

P07 LTE 5_QPSK10M_Left Cheek_Ch20525_1RB_OS24_Sample1_Battery1

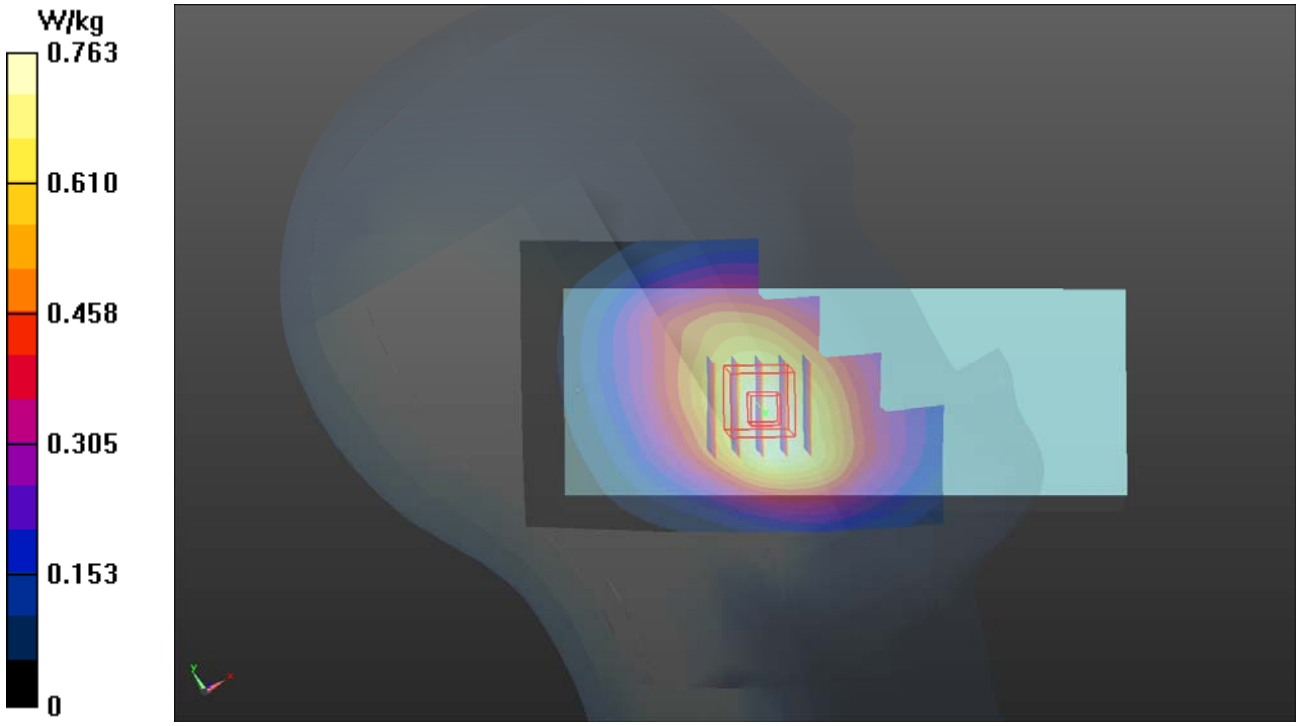
DUT: 180604C20

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: H07T10N1_0725 Medium parameters used: f = 836.5 MHz; σ = 0.915 S/m; ε_r = 42.997; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.07, 10.07, 10.07); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.763 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.70 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.810 W/kg
SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.494 W/kg
Maximum value of SAR (measured) = 0.765 W/kg



P08 LTE 12_QPSK10M_Left Cheek_Ch23060_1RB_OS49_Sample1_Battery2

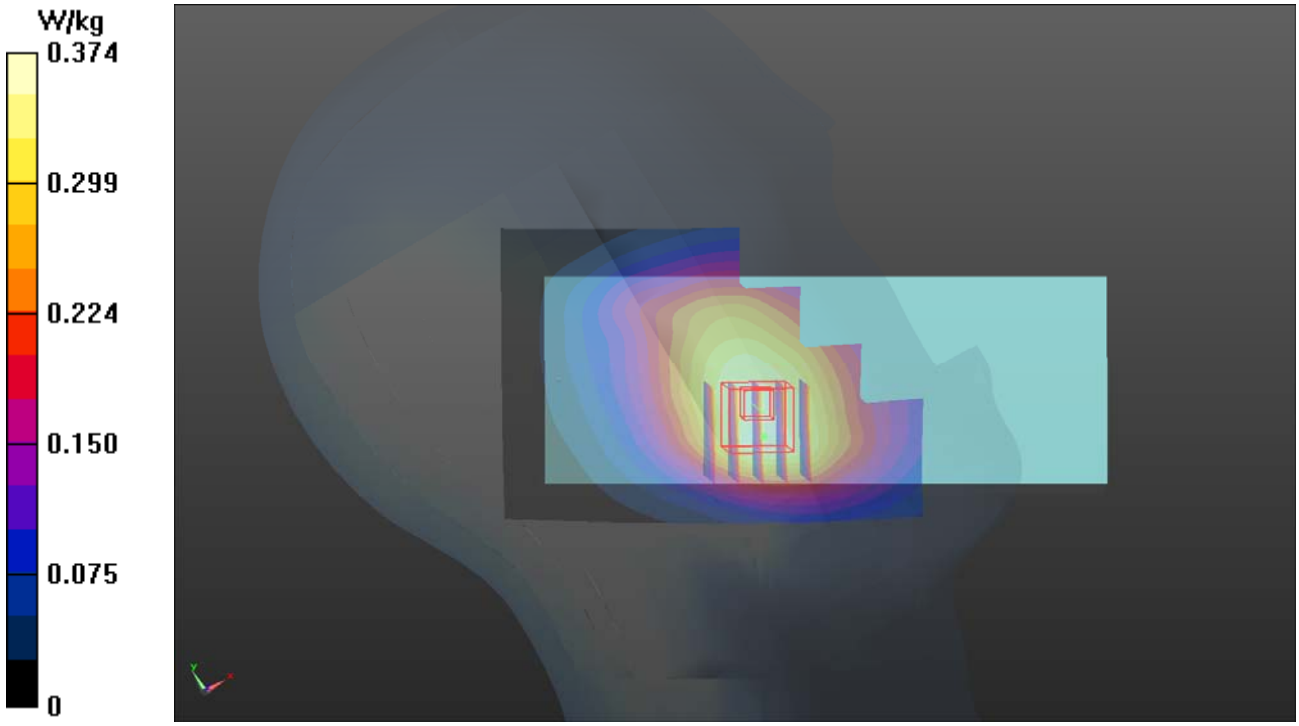
DUT: 180604C20

Communication System: LTE; Frequency: 704 MHz;Duty Cycle: 1:1
Medium: H06T09N1_0725 Medium parameters used: f = 704 MHz; σ = 0.846 S/m; ε_r = 43.095; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.63, 10.63, 10.63); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.374 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.30 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.243 W/kg
Maximum value of SAR (measured) = 0.378 W/kg



P09 LTE 13_QPSK10M_Left Cheek_Ch23230_1RB_OS24_Sample1_Battery2

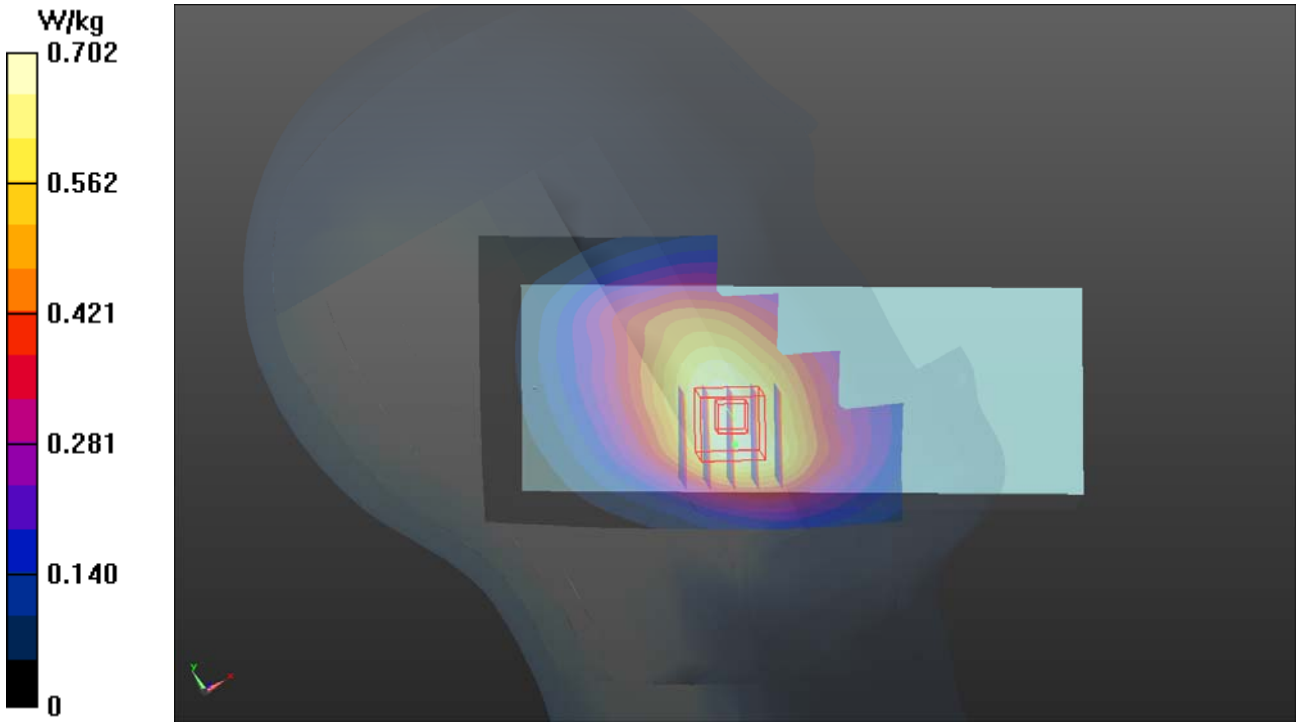
DUT: 180604C20

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H06T09N1_0725 Medium parameters used: f = 782 MHz; σ = 0.912 S/m; ε_r = 41.989; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.63, 10.63, 10.63); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.702 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.49 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.780 W/kg
SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.441 W/kg
Maximum value of SAR (measured) = 0.737 W/kg



P10 LTE 17_QPSK10M_Left Cheek_Ch23780_1RB_OS24_Sample1_Battery2

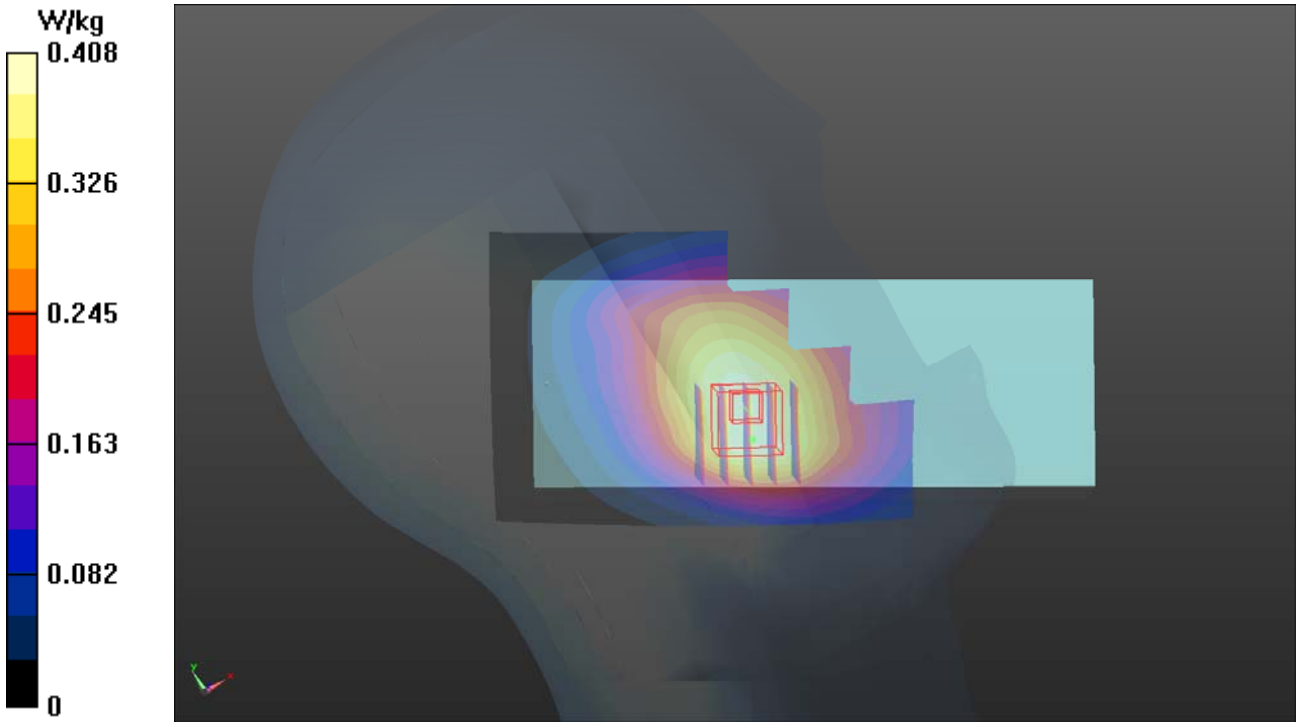
DUT: 180604C20

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: H06T09N1_0725 Medium parameters used: f = 709 MHz; σ = 0.85 S/m; ε_r = 43.031; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.63, 10.63, 10.63); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.408 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.11 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.262 W/kg
Maximum value of SAR (measured) = 0.408 W/kg



P11 WLAN2.4G_802.11b_Right Cheek_Ch1_Sample1_Battery1

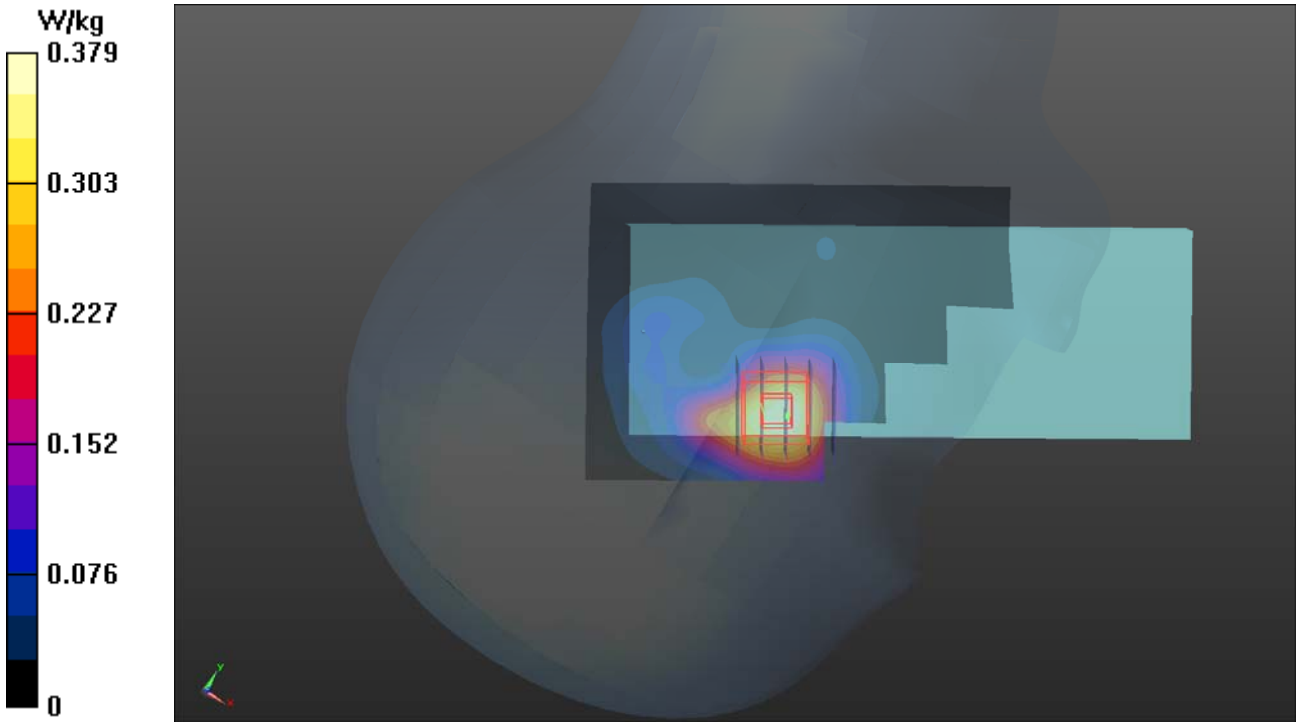
DUT: 180604C20

Communication System: WLAN_2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1.01
Medium: H19T27N1_0725 Medium parameters used: f = 2412 MHz; σ = 1.824 S/m; ε_r = 38.083; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃ ； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(7.59, 7.59, 7.59); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (91x191x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.379 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.60 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.445 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.143 W/kg
Maximum value of SAR (measured) = 0.365 W/kg



P12 WLAN5G_802.11a_Left Cheek_Ch52_Sample1_Battery1

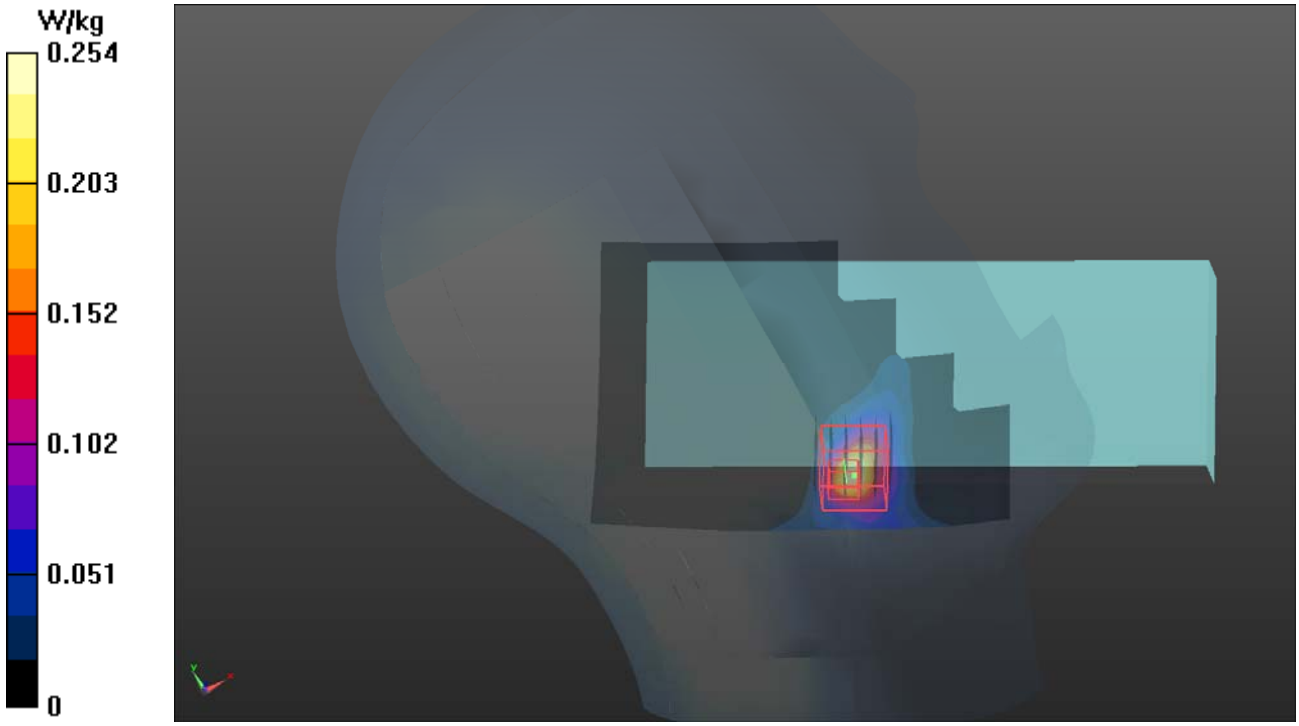
DUT: 180604C20

Communication System: WLAN_5G; Frequency: 5260 MHz;Duty Cycle: 1:1.13
Medium: H34T60N1_0725 Medium parameters used: f = 5260 MHz; σ = 4.717 S/m; ε_r = 37.618; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(5.4, 5.4, 5.4); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (101x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.254 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 4.958 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.324 W/kg
SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.188 W/kg



P13 WLAN5G_802.11a_Left Cheek_Ch116_Sample1_Battery1

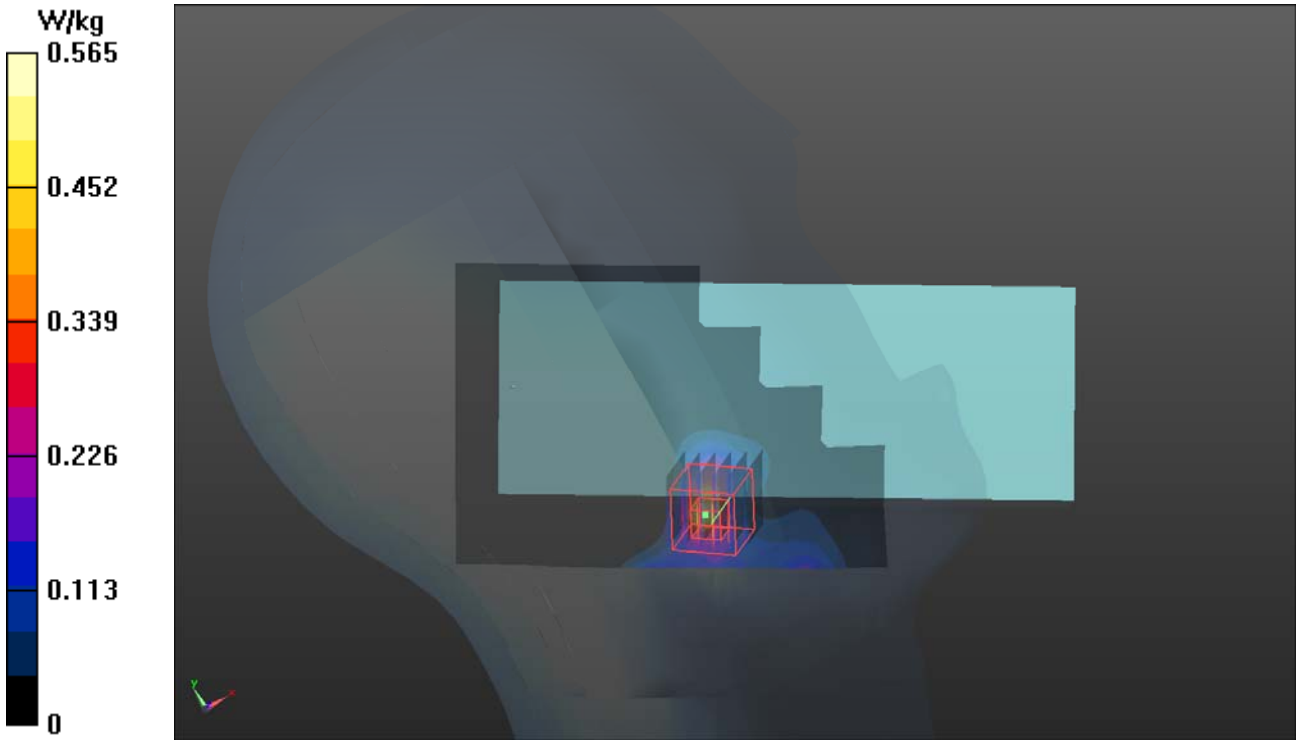
DUT: 180604C20

Communication System: WLAN_5G; Frequency: 5580 MHz;Duty Cycle: 1:1.12
Medium: H34T60N1_0725 Medium parameters used: f = 5580 MHz; σ = 5.035 S/m; ε_r = 37.161; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(4.88, 4.88, 4.88); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (101x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.565 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 11.80 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.088 W/kg
Maximum value of SAR (measured) = 0.657 W/kg



P14 WLAN5G_802.11a_Left Cheek_Ch161_Sample1_Battery1

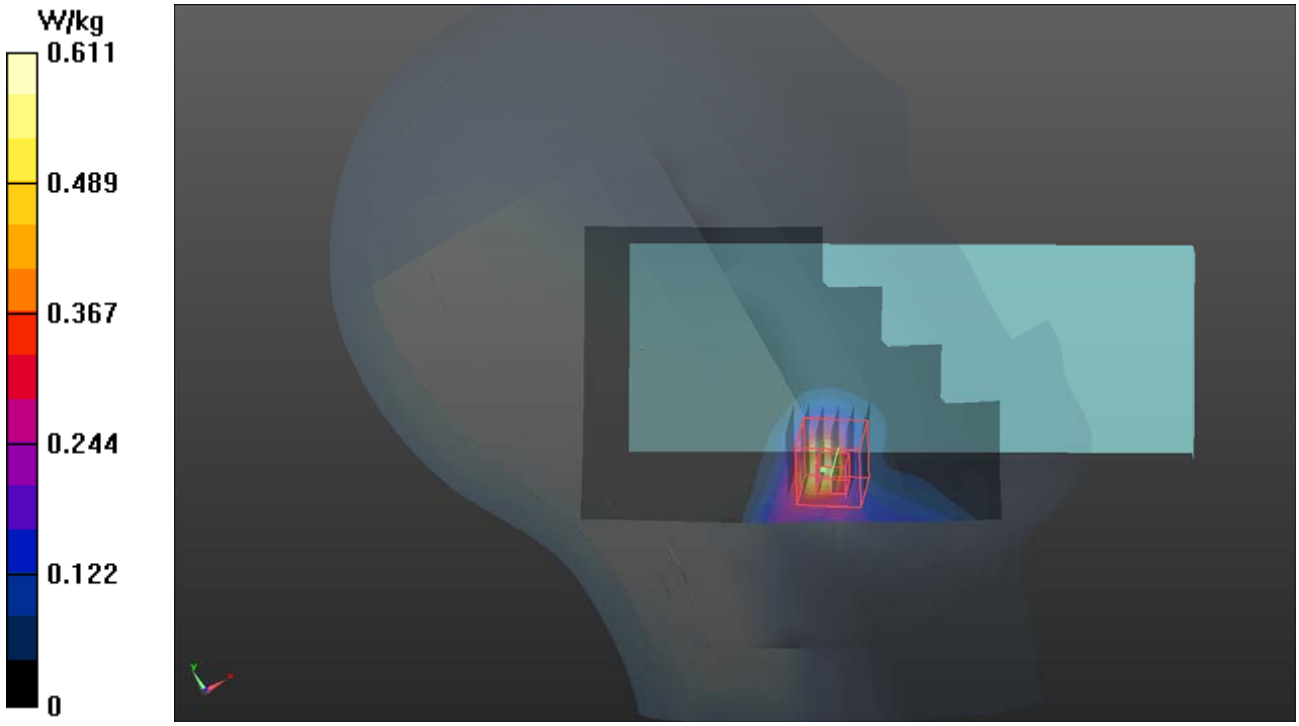
DUT: 180604C20

Communication System: WLAN_5G; Frequency: 5805 MHz;Duty Cycle: 1:1.14
Medium: H34T60N1_0725 Medium parameters used: f = 5805 MHz; σ = 5.268 S/m; ε_r = 36.861; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(5.09, 5.09, 5.09); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (101x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.611 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 12.06 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.710 W/kg



P15 GSM850_GPRS12_Front Face_15mm_Ch189_Sample1_Battery1

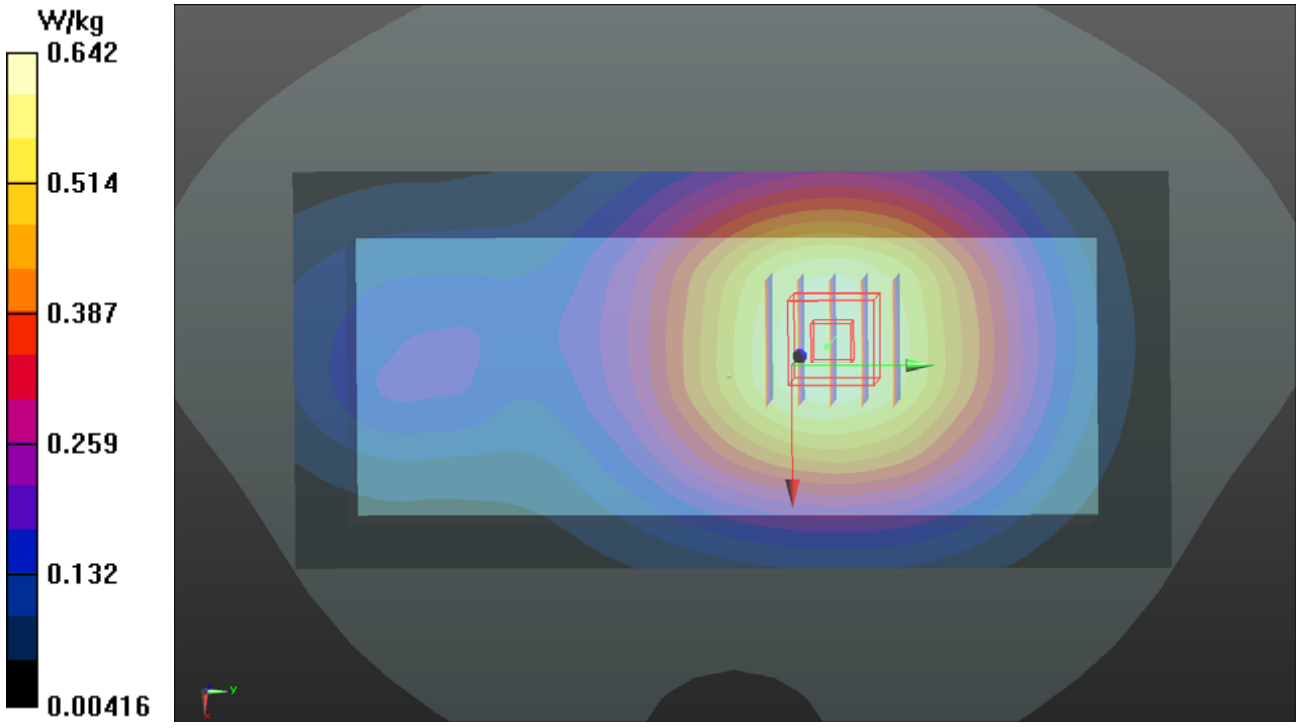
DUT: 180604C20

Communication System: GPRS12; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: B07T10N1_0725 Medium parameters used: f = 836.4 MHz; σ = 1.011 S/m; ε_r = 54.921; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.25, 10.25, 10.25); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.642 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.12 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.667 W/kg
SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.395 W/kg
Maximum value of SAR (measured) = 0.620 W/kg



P16 GSM1900_GPRS12_Front Face_15mm_Ch512_Sample1_Battery1

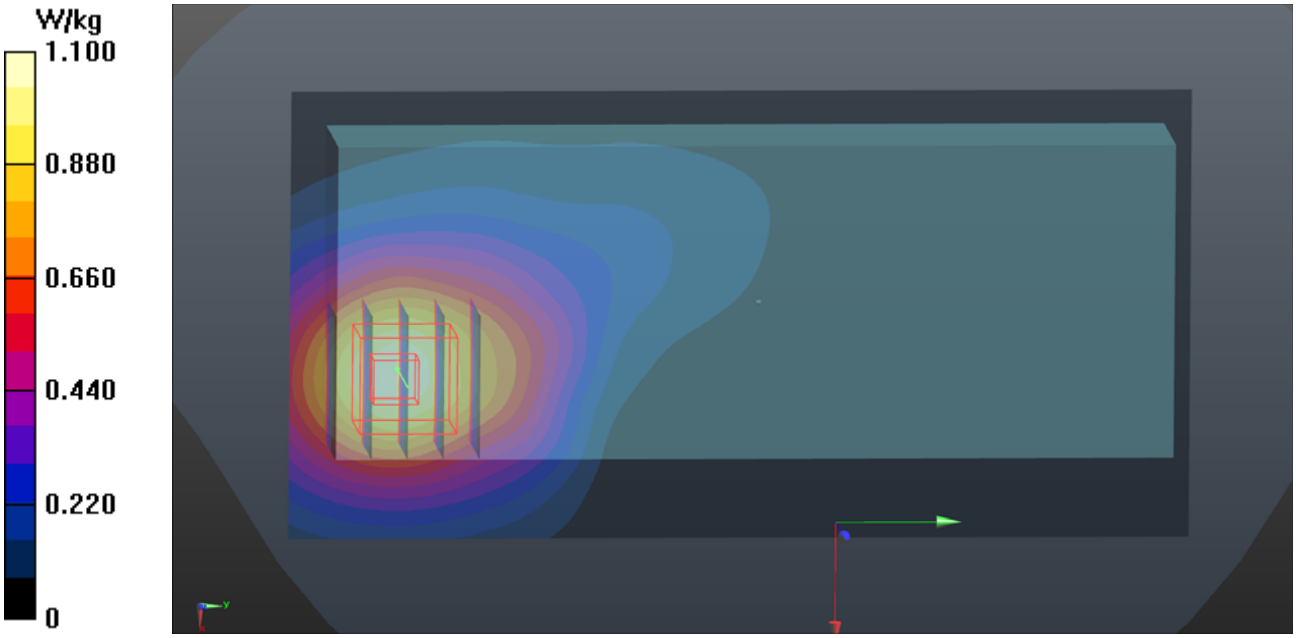
DUT: 180604C20

Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: B16T20N1_0722 Medium parameters used: f = 1850.2 MHz; σ = 1.533 S/m; ε_r = 51.425; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(8.08, 8.08, 8.08); Calibrated: 2018/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2018/03/16
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.96 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.487 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



P17 WCDMA II_RMC12.2K_Front Face_15mm_Ch9400_Sample1_Battery1

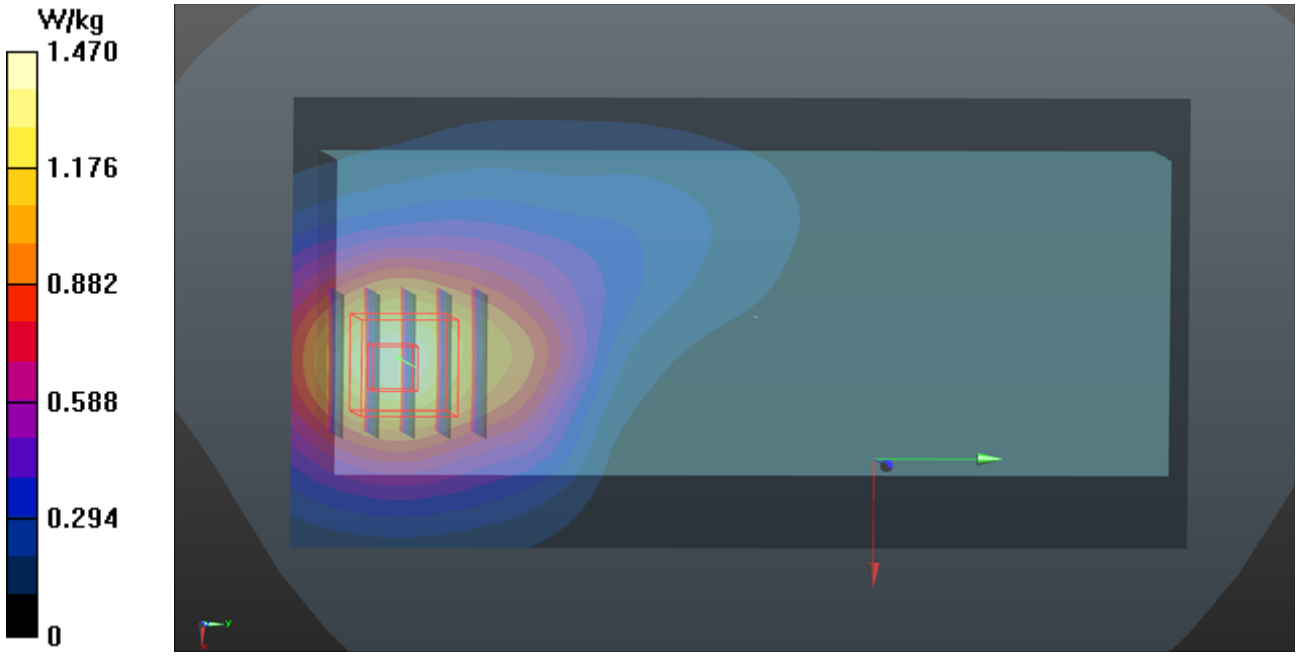
DUT: 180604C20

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B16T20N1_0722 Medium parameters used: f = 1880 MHz; σ = 1.55 S/m; ε_r = 51.444; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(8.08, 8.08, 8.08); Calibrated: 2018/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2018/03/16
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.47 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.59 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.636 W/kg
Maximum value of SAR (measured) = 1.42 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2018/07/25

P18 WCDMA V_RMC12.2K_Front Face_15mm_Ch4182_Sample1_Battery1

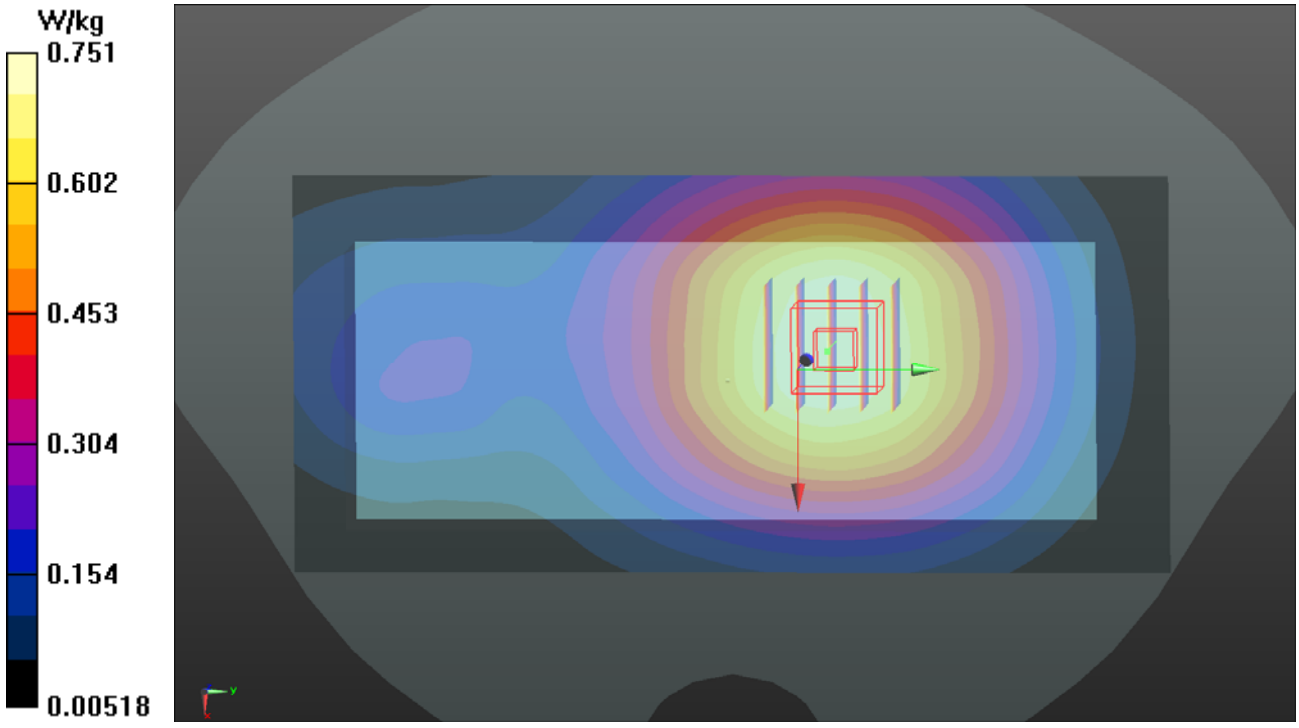
DUT: 180604C20

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B07T10N1_0725 Medium parameters used: f = 836.4 MHz; σ = 1.011 S/m; ε_r = 54.921; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.25, 10.25, 10.25); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.751 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.37 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.802 W/kg
SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.471 W/kg
Maximum value of SAR (measured) = 0.745 W/kg



P19 LTE 2_QPSK20M_Front Face_15mm_Ch18900_1RB_OS0_Sample1_Battery1

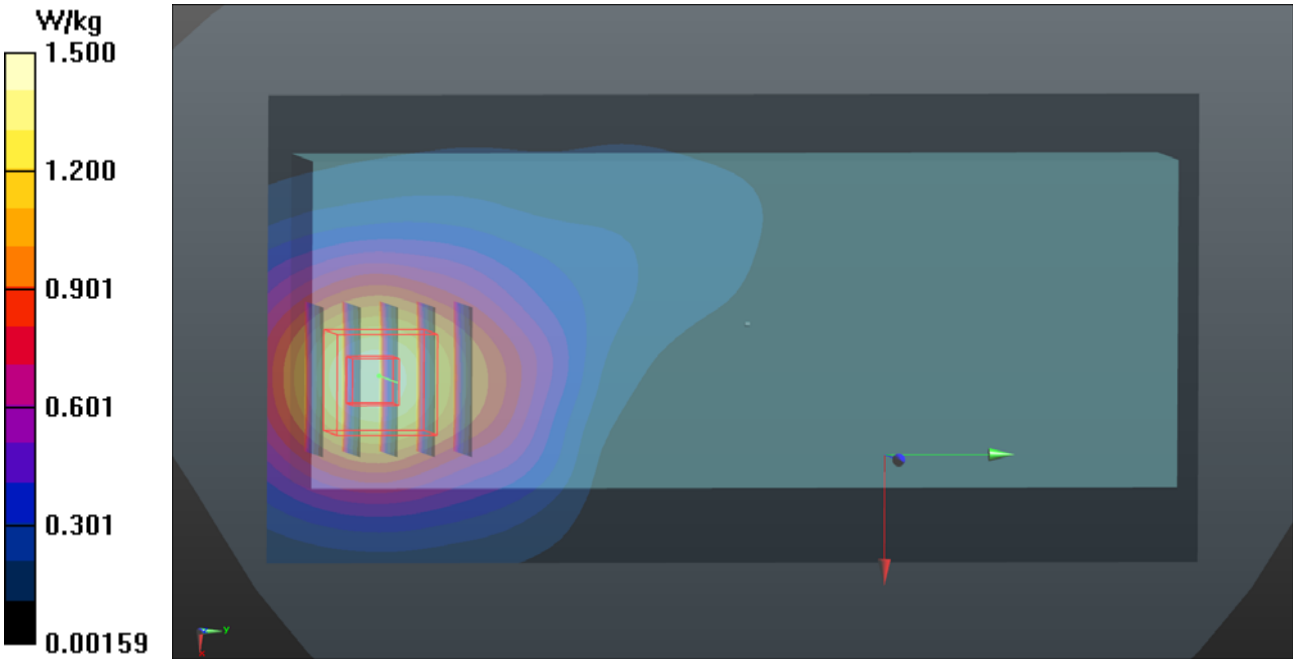
DUT: 180604C10

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B16T20N1_0722 Medium parameters used: f = 1880 MHz; σ = 1.55 S/m; ε_r = 51.444; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(8.08, 8.08, 8.08); Calibrated: 2018/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2018/03/16
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.50 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.14 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.666 W/kg
Maximum value of SAR (measured) = 1.49 W/kg



P20 LTE 4_QPSK20M_Front Face_15mm_Ch20175_1RB_OS0_Sample1_Battery1

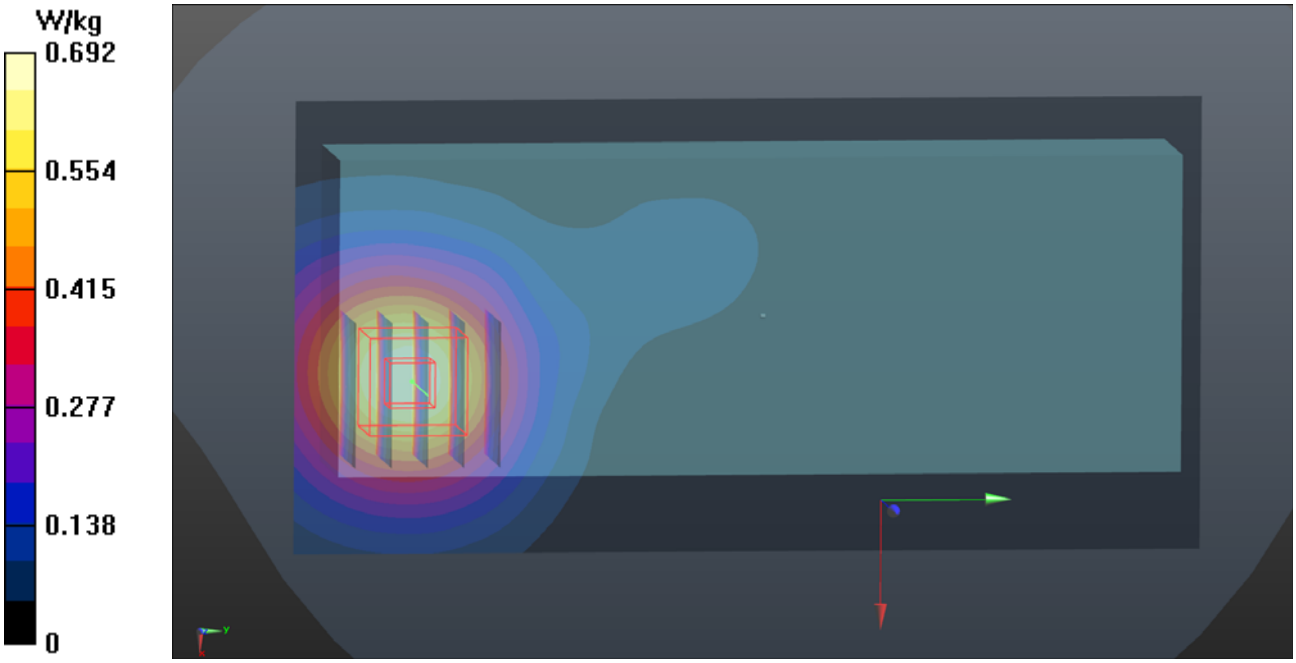
DUT: 180604C10

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B16T20N1_0722 Medium parameters used: f = 1733 MHz; σ = 1.428 S/m; ε_r = 51.741; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(8.34, 8.34, 8.34); Calibrated: 2018/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2018/03/16
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.692 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.35 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.788 W/kg
SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.319 W/kg
Maximum value of SAR (measured) = 0.691 W/kg



P21 LTE 5_QPSK10M_Front Face_15mm_Ch20525_1RB_OS24_Sample1_Battery1

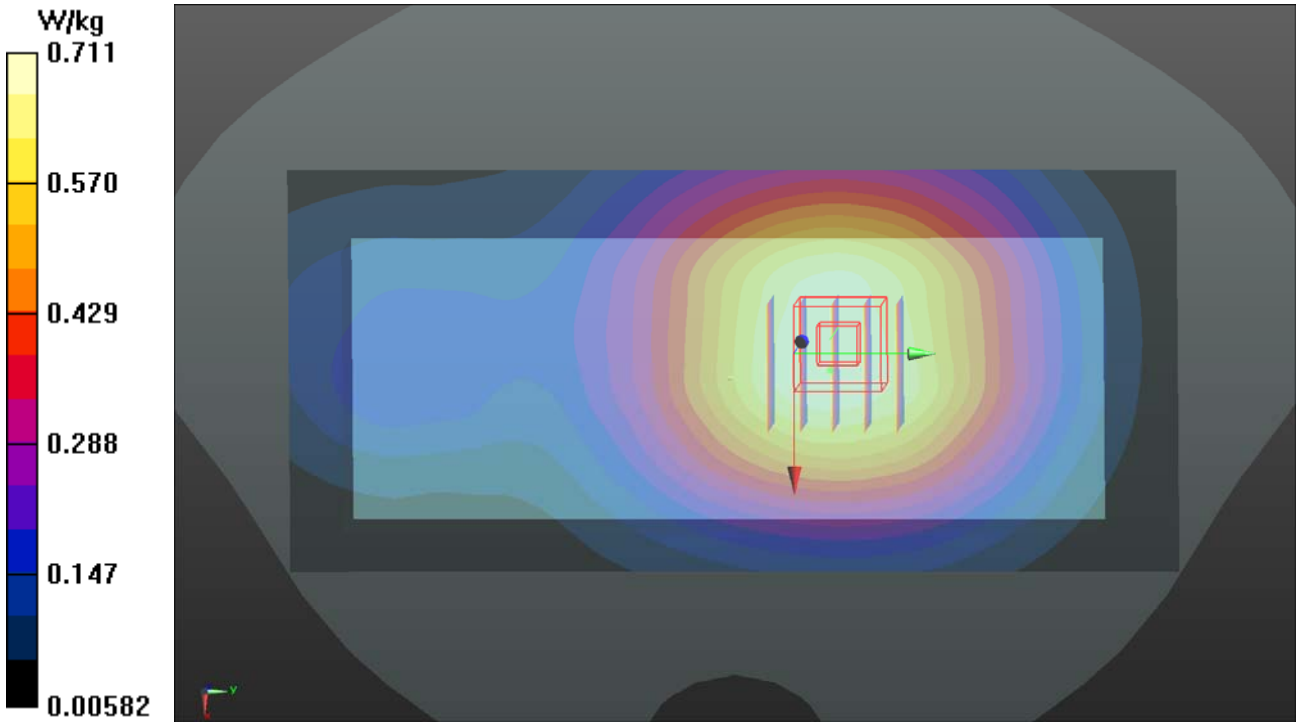
DUT: 180604C20

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: B07T10N1_0725 Medium parameters used: f = 836.5 MHz; σ = 1.011 S/m; ε_r = 54.92; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.25, 10.25, 10.25); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.711 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.96 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.781 W/kg
SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.455 W/kg
Maximum value of SAR (measured) = 0.721 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2018/07/25

P22 LTE 12_QPSK10M_Front Face_15mm_Ch23060_1RB_OS49_Sample1_Battery1

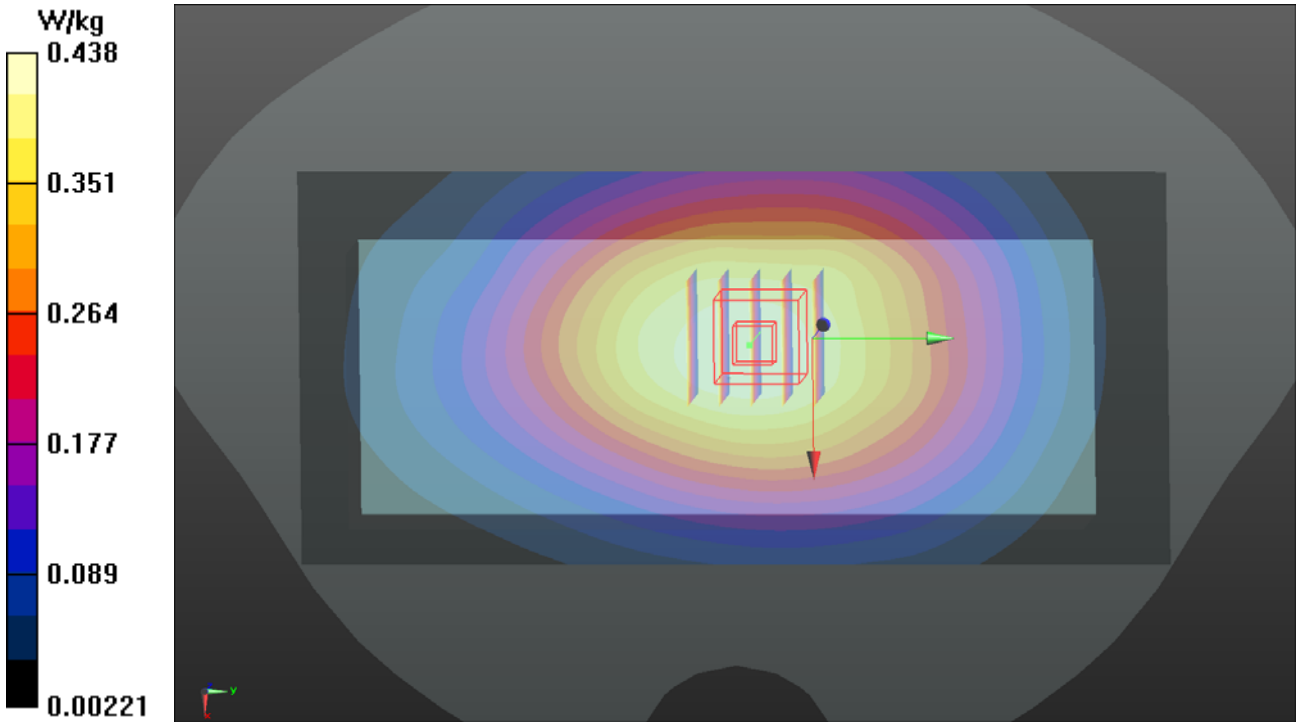
DUT: 180604C20

Communication System: LTE; Frequency: 704 MHz;Duty Cycle: 1:1
Medium: B06T09N1_0725 Medium parameters used: f = 704 MHz; σ = 0.917 S/m; ε_r = 56.873; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.28, 10.28, 10.28); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.438 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.61 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.472 W/kg
SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.279 W/kg
Maximum value of SAR (measured) = 0.438 W/kg



P23 LTE 13_QPSK10M_Front Face_15mm_Ch23230_1RB_OS24_Sample1_Battery1

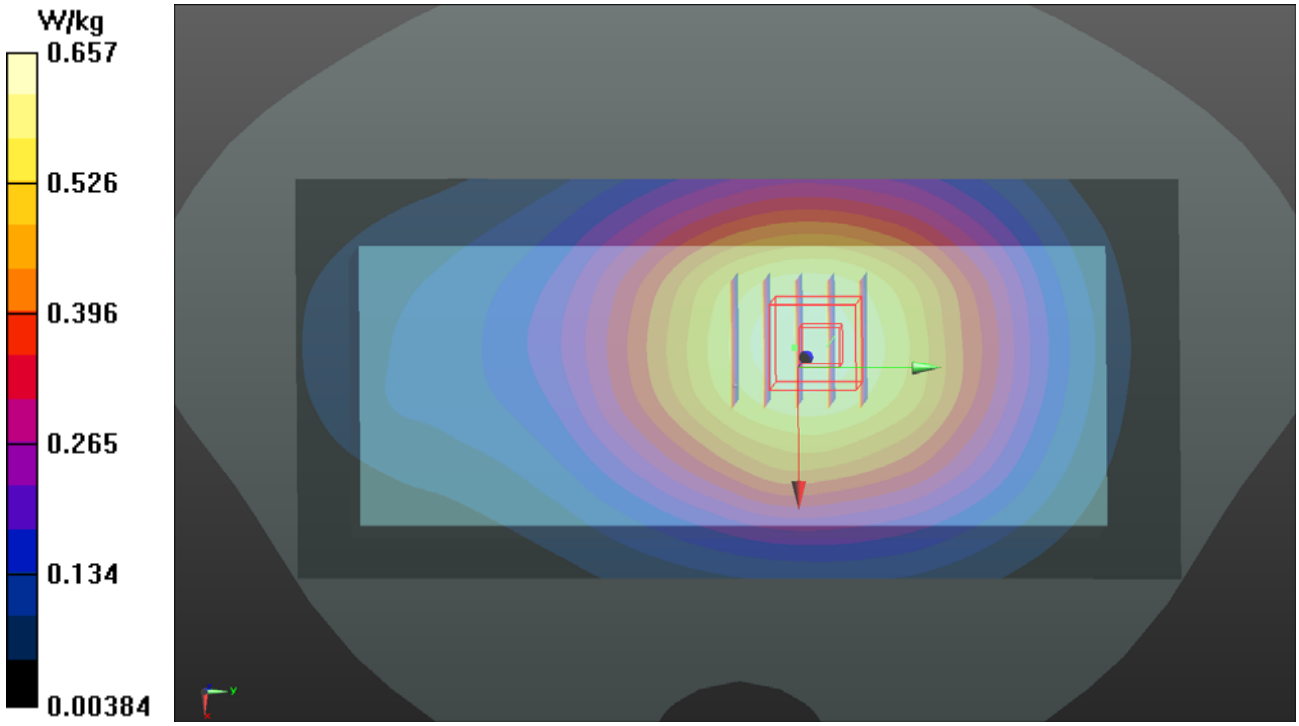
DUT: 180604C20

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B06T09N1_0725 Medium parameters used: f = 782 MHz; σ = 0.989 S/m; ε_r = 56.128; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.28, 10.28, 10.28); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.657 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.91 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.712 W/kg
SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.401 W/kg
Maximum value of SAR (measured) = 0.660 W/kg



P24 LTE 17_QPSK10M_Front Face_15mm_Ch23780_1RB_OS24_Sample1_Battery1

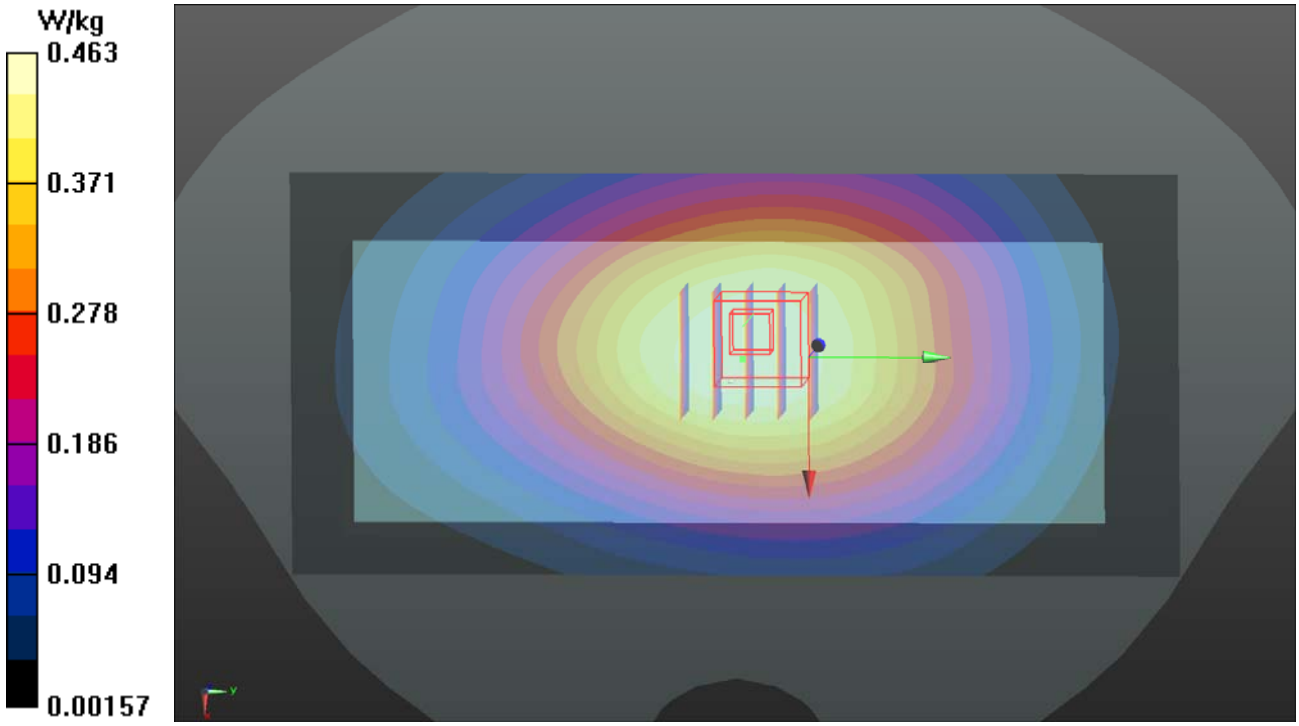
DUT: 180604C20

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B06T09N1_0725 Medium parameters used: f = 709 MHz; σ = 0.922 S/m; ε_r = 56.826; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.28, 10.28, 10.28); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.463 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.26 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.506 W/kg
SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.294 W/kg
Maximum value of SAR (measured) = 0.467 W/kg



P25 WLAN2.4G_802.11b_Front Face_15mm_Ch1_Sample1_Battery1

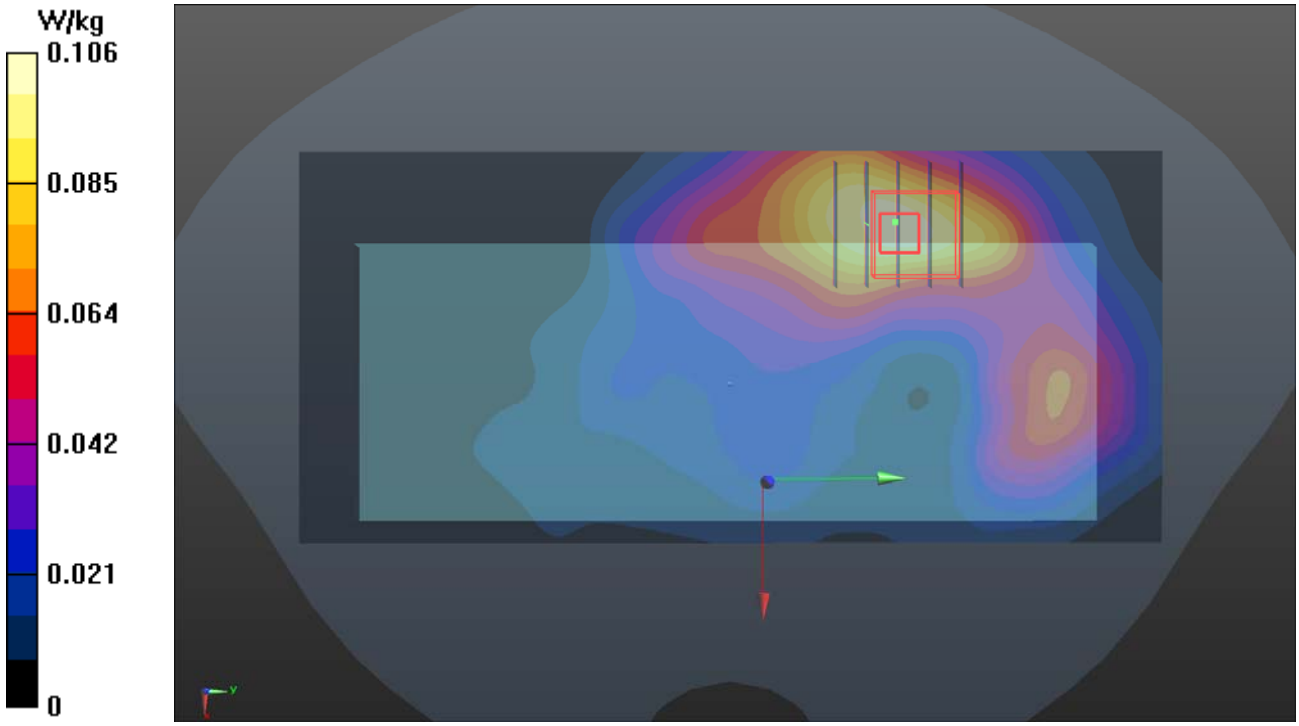
DUT: 180604C20

Communication System: WLAN_2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1.01
Medium: B19T27N1_0725 Medium parameters used: f = 2412 MHz; σ = 1.955 S/m; ε_r = 51.478; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃ ； Liquid Temperature：23.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(7.61, 7.61, 7.61); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (91x191x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.106 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.441 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.200 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.108 W/kg



P26 WLAN5G_802.11a_Rear Face_15mm_Ch60_Sample1_Battery1

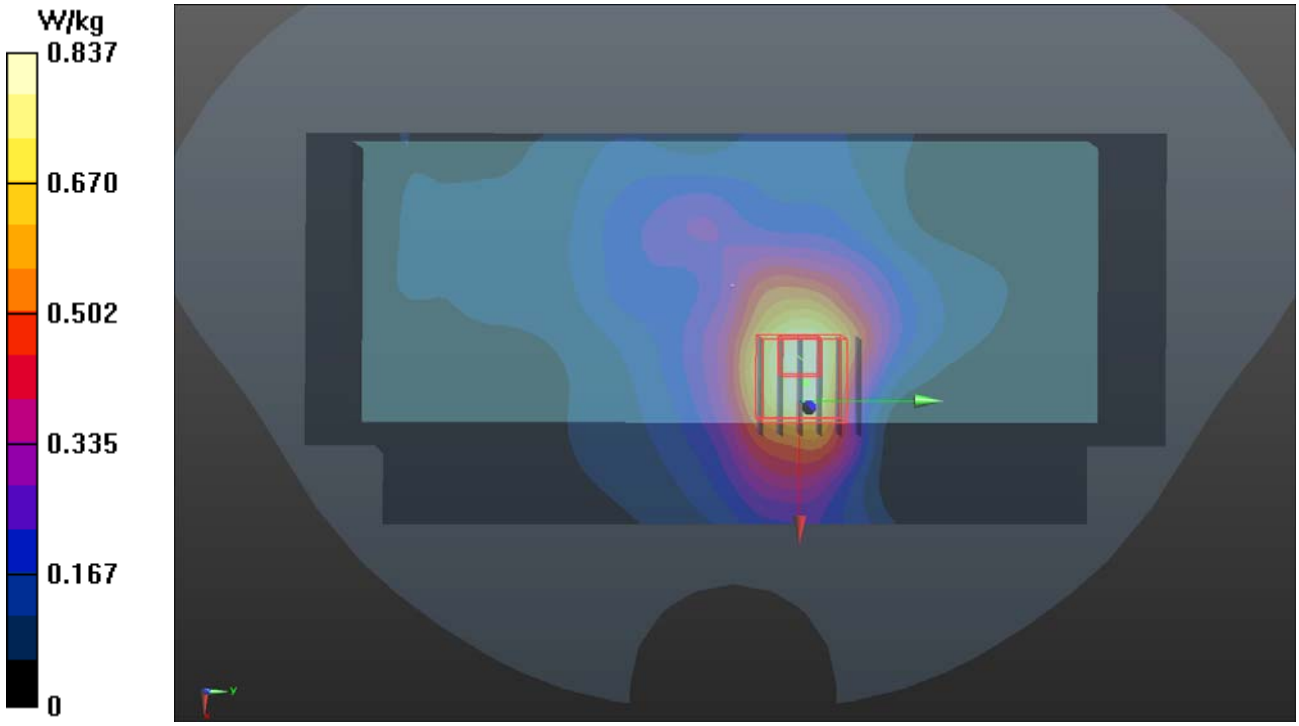
DUT: 180604C20

Communication System: WLAN_5G; Frequency: 5300 MHz;Duty Cycle: 1:1.13
Medium: B34T60N1_0725 Medium parameters used: f = 5300 MHz; σ = 5.616 S/m; ε_r = 46.977; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃ ； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(4.95, 4.95, 4.95); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (101x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.837 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 13.11 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.184 W/kg
Maximum value of SAR (measured) = 0.841 W/kg



P27 WLAN5G_802.11a_Rear Face_15mm_Ch100_Sample1_Battery1

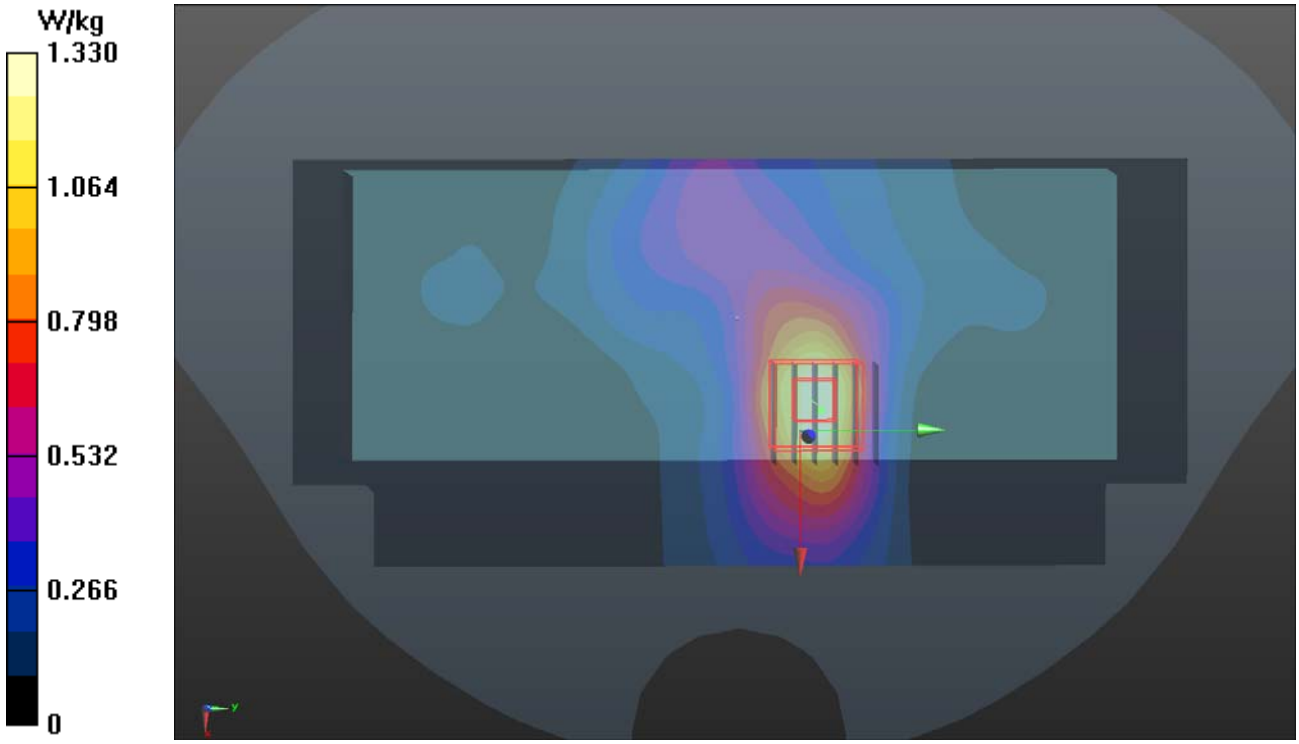
DUT: 180604C20

Communication System: WLAN_5G; Frequency: 5500 MHz;Duty Cycle: 1:1.12
Medium: B34T60N1_0725 Medium parameters used: f = 5500 MHz; σ = 5.874 S/m; ε_r = 46.63; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃ ； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(4.17, 4.17, 4.17); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (101x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 15.46 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.274 W/kg
Maximum value of SAR (measured) = 1.29 W/kg



P28 WLAN5G_802.11a_Rear Face_15mm_Ch153_Sample1_Battery1

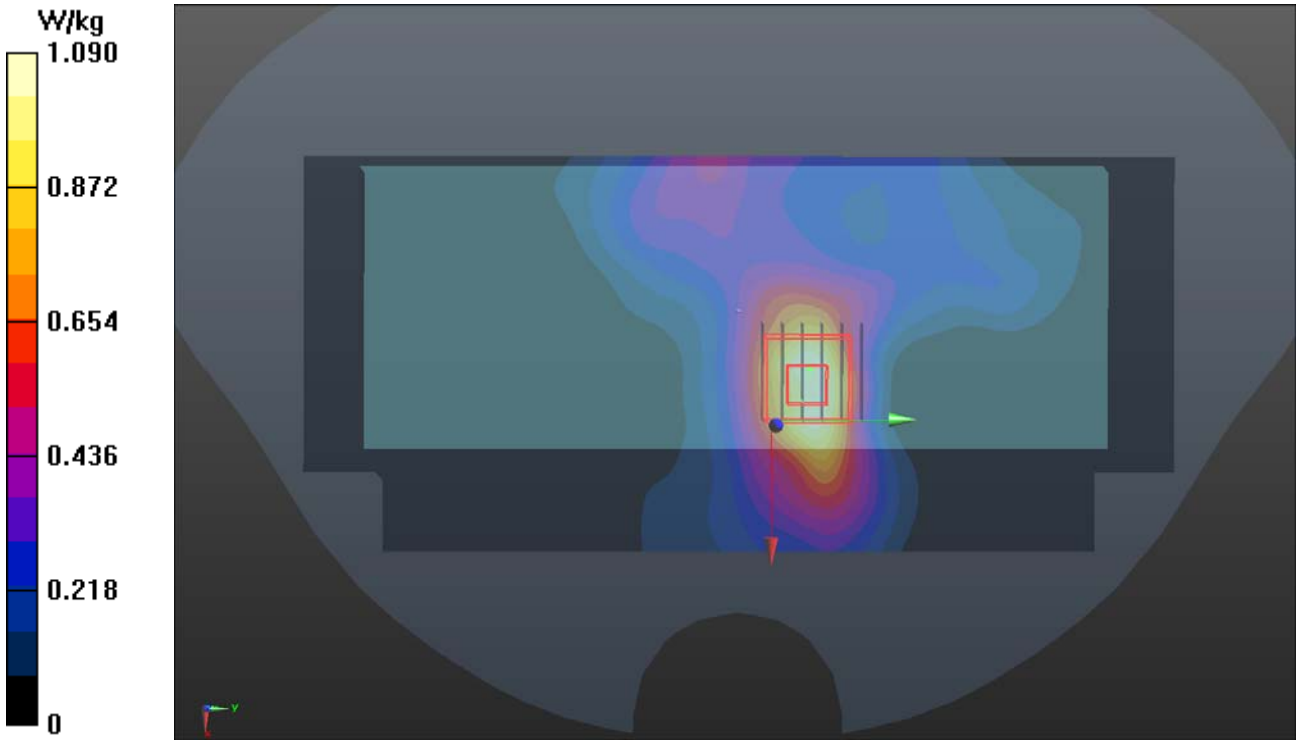
DUT: 180604C20

Communication System: WLAN_5G; Frequency: 5765 MHz;Duty Cycle: 1:1.14
Medium: B34T60N1_0725 Medium parameters used: f = 5765 MHz; σ = 6.234 S/m; ε_r = 46.156; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃ ； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(4.45, 4.45, 4.45); Calibrated: 2018/06/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2018/01/18
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (101x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 13.37 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.213 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



P29 BT_BR_EDR_Front Face_15mm_Ch39_Sample1_Battery1

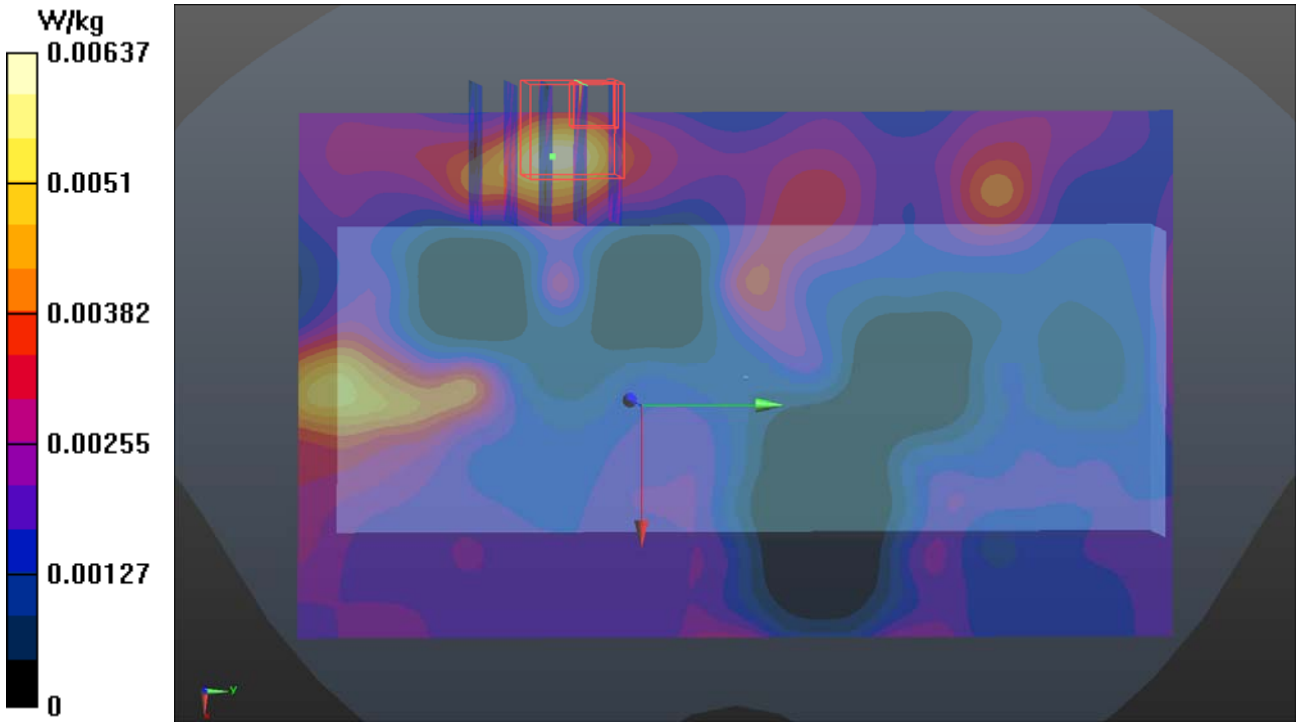
DUT: 180604C20

Communication System: BT; Frequency: 2441 MHz;Duty Cycle: 1:1.31
Medium: B19T27N1_0817 Medium parameters used: f = 2441 MHz; σ = 2.01 S/m; ε_r = 51.419; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(7.78, 7.78, 7.78); Calibrated: 2018/02/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2018/03/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.00637 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.9830 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.00606 W/kg
SAR(1 g) = 0.000838 W/kg; SAR(10 g) = 0.000257 W/kg
Maximum value of SAR (measured) = 0.00606 W/kg



P30 GSM850_GPRS12_Left Side_10mm_Ch128_Sample1_Battery1

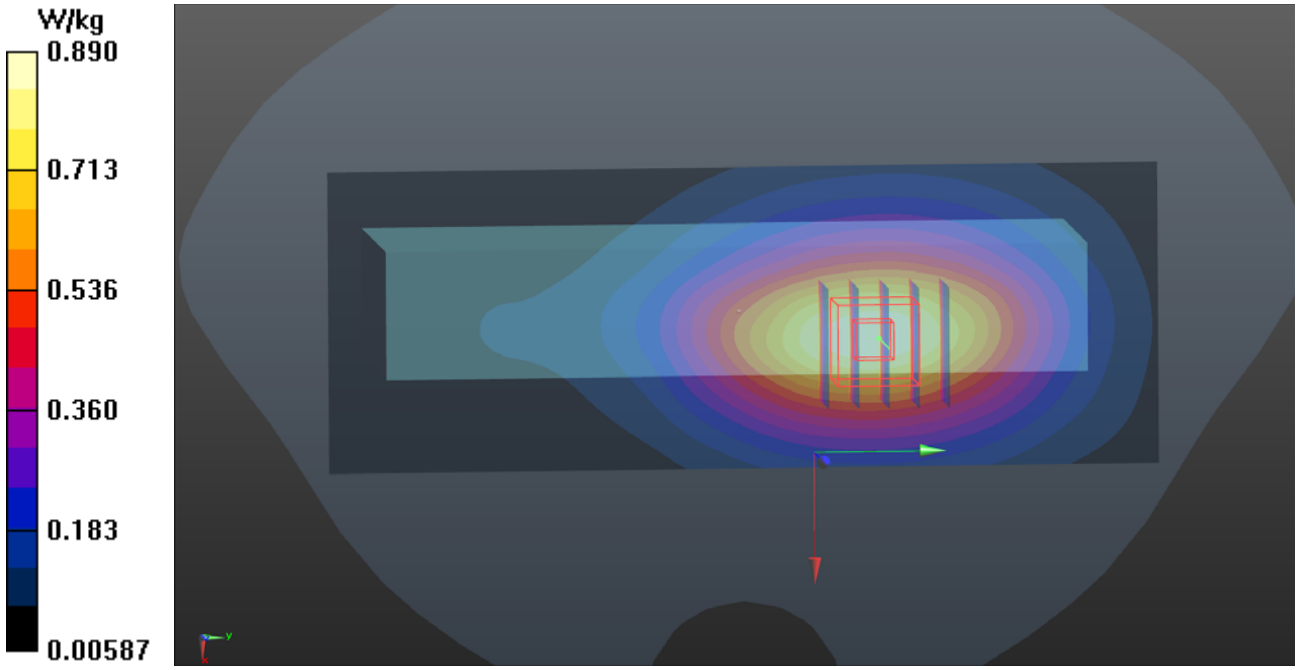
DUT: 180604C20

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: B07T10N1_0819 Medium parameters used: f = 824.2 MHz; σ = 0.963 S/m; ε_r = 57.792; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃ ； Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.74, 9.74, 9.74); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1232; Calibrated: 2018/05/22
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.890 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.55 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.435 W/kg
Maximum value of SAR (measured) = 0.830 W/kg



P31 GSM1900_GPRS12_Bottom Side_10mm_Ch512_Sample1_Battery1

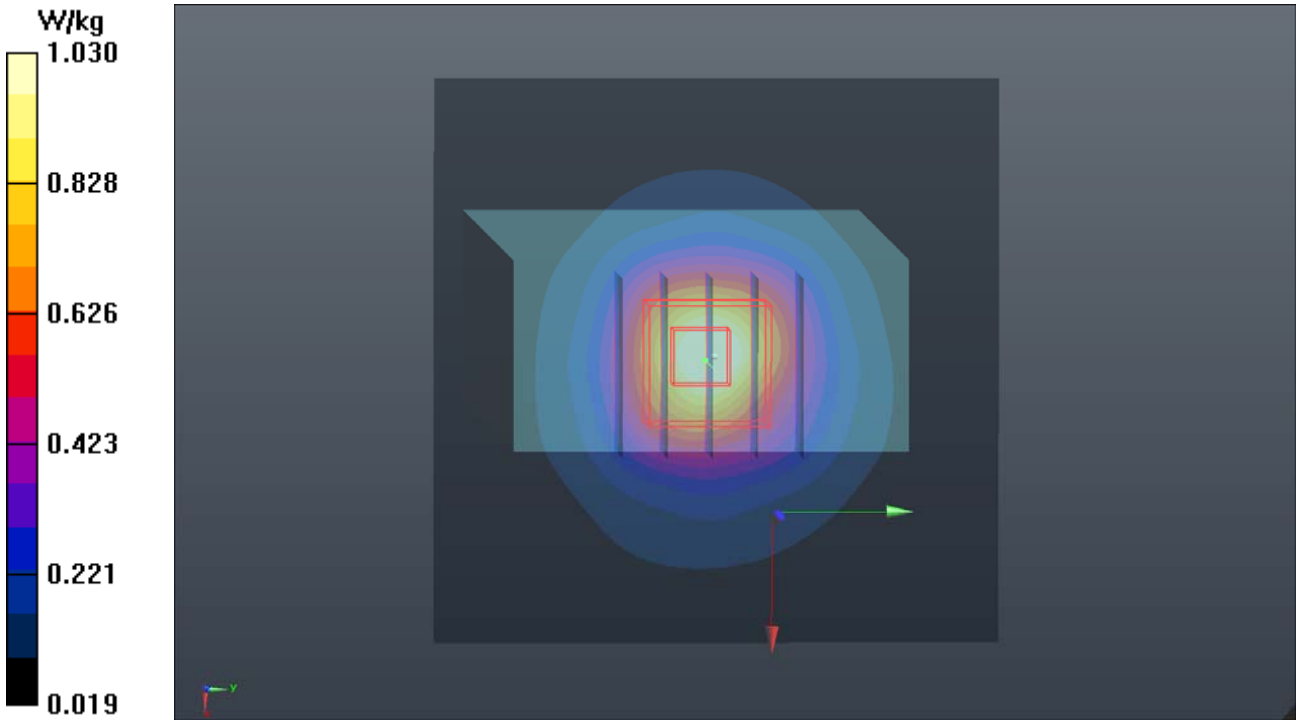
DUT: 180604C20

Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: B16T20N1_0906 Medium parameters used: f = 1850.2 MHz; σ = 1.542 S/m; ε_r = 52.169; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(8.04, 8.04, 8.04); Calibrated: 2018/02/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2018/03/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.62 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.410 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



P32 WCDMA II_RMC12.2K_Bottom Side_10mm_Ch9262_Sample1_Battery1

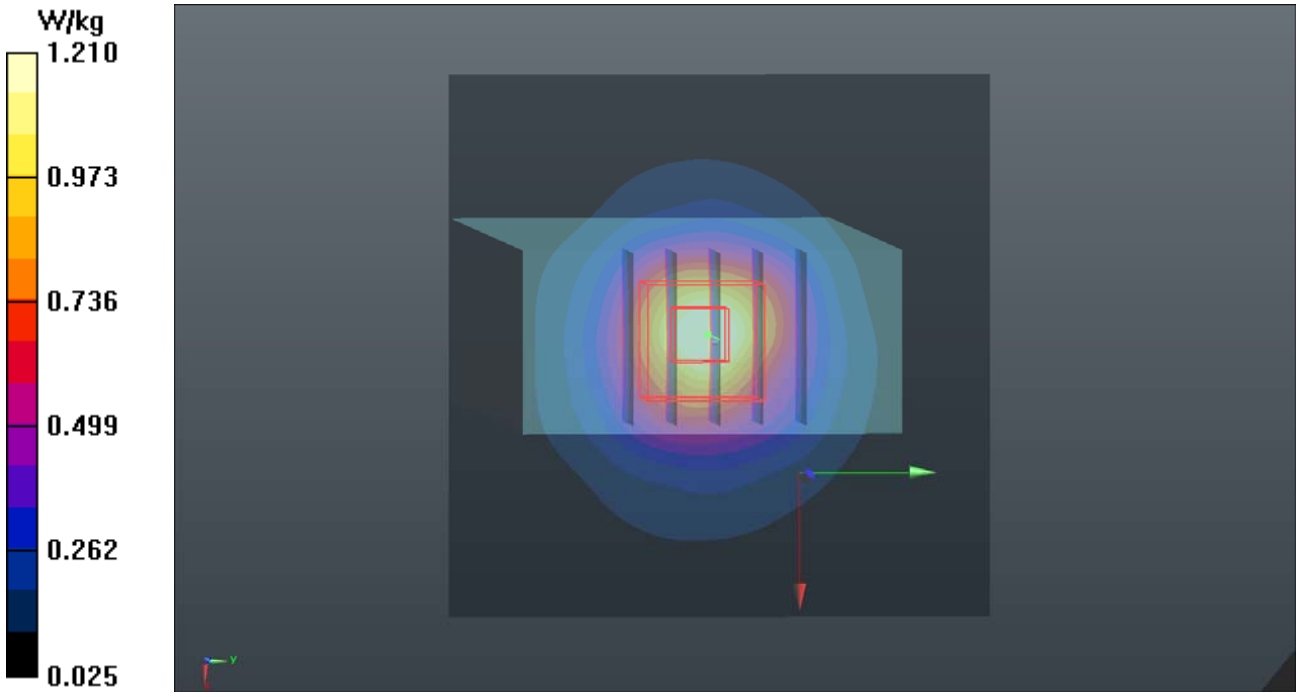
DUT: 180604C20

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B16T20N1_0906 Medium parameters used: f = 1852.4 MHz; σ = 1.544 S/m; ε_r = 52.162; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(8.04, 8.04, 8.04); Calibrated: 2018/02/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2018/03/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.29 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.59 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.477 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



P33 WCDMA V_RMC12.2K_Front Face_10mm_Ch4182_Sample1_Battery1

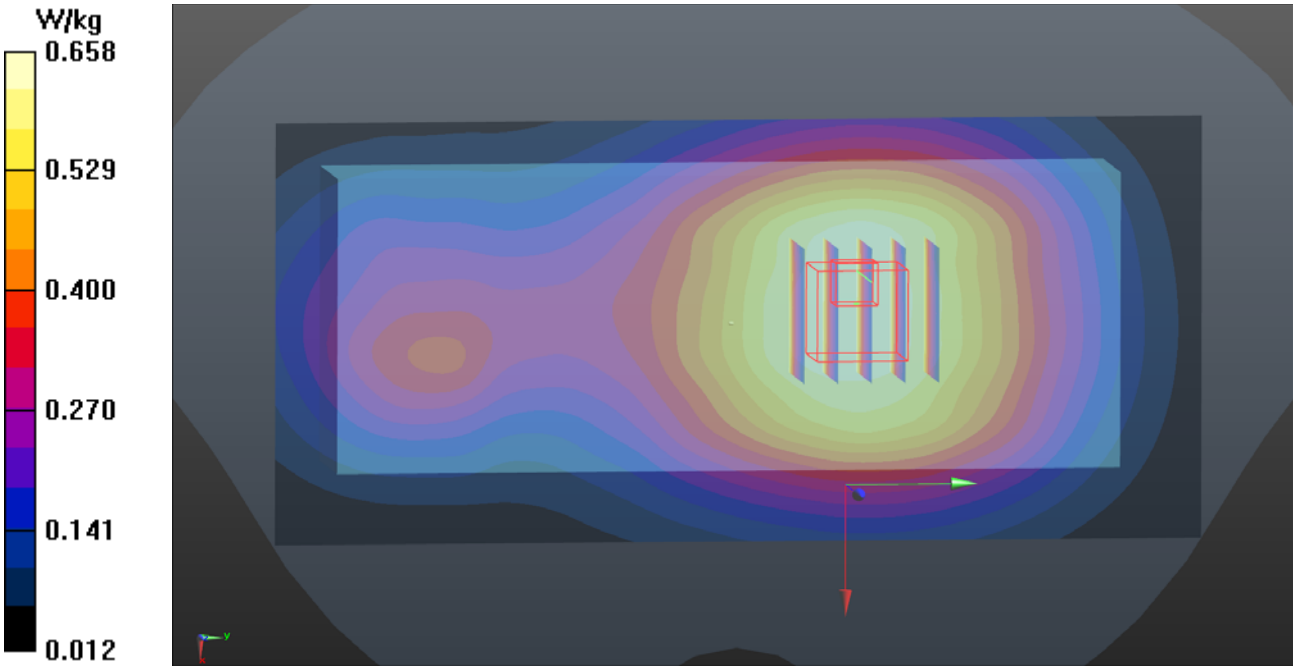
DUT: 180604C20

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B07T10N1_0819 Medium parameters used: f = 836.4 MHz; σ = 0.974 S/m; ε_r = 57.705; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃ ； Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.74, 9.74, 9.74); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1232; Calibrated: 2018/05/22
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.658 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.26 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.758 W/kg
SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.414 W/kg
Maximum value of SAR (measured) = 0.679 W/kg



P34 LTE 2_QPSK20M_Bottom Side_10mm_Ch18900_1RB_OS0_Sample1_Battery1

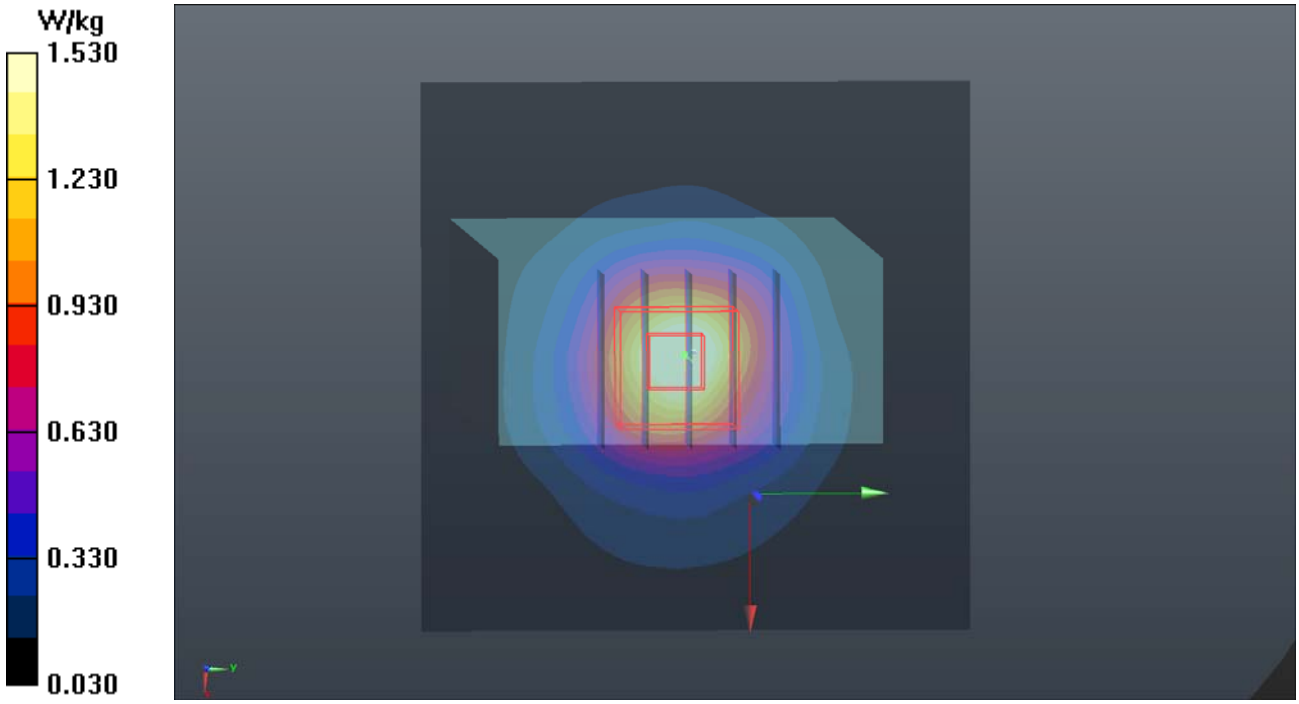
DUT: 180604C20

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B16T20N1_0906 Medium parameters used: f = 1880 MHz; σ = 1.568 S/m; ε_r = 52.077; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(8.04, 8.04, 8.04); Calibrated: 2018/02/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2018/03/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.72 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.41 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.600 W/kg
Maximum value of SAR (measured) = 1.53 W/kg



P35 LTE 4_QPSK20M_Bottom Side_10mm_Ch20300_1RB_OS0_Sample1_Battery1

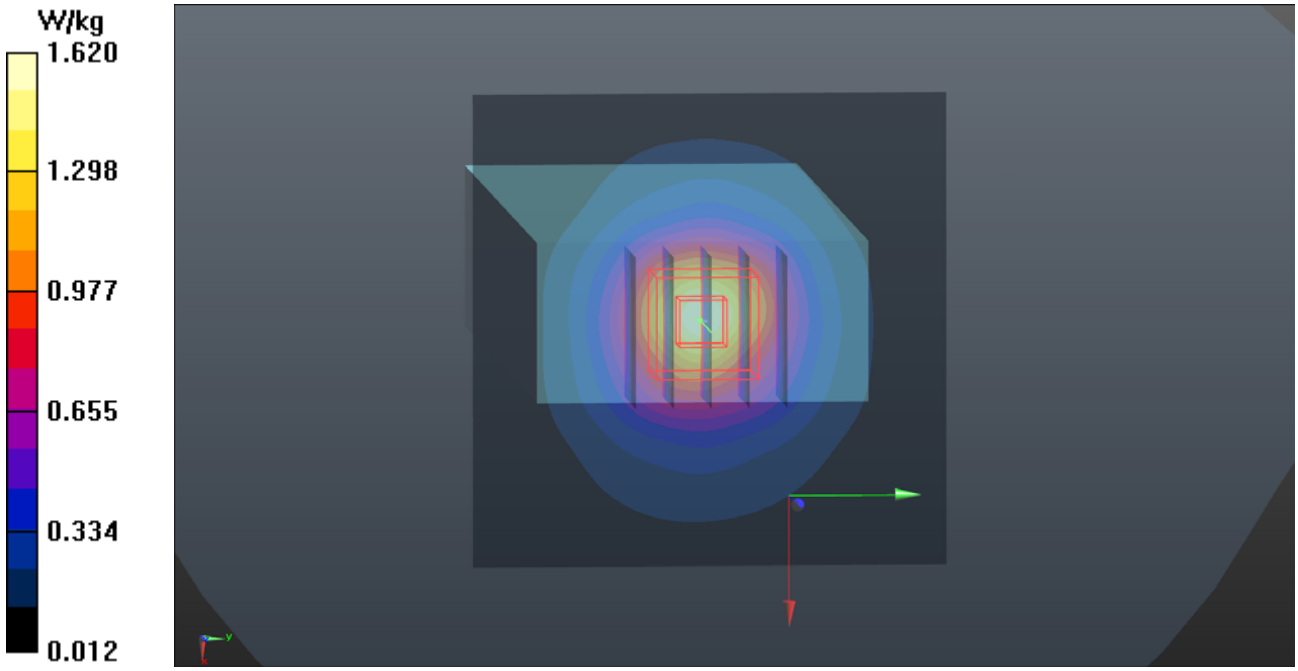
DUT: 180604C20

Communication System: LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: B16T20N1_0819 Medium parameters used: f = 1745 MHz; σ = 1.436 S/m; ε_r = 52.494; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃ ； Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1232; Calibrated: 2018/05/22
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.62 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.81 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.577 W/kg
Maximum value of SAR (measured) = 1.45 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2018/08/19

P36 LTE 5_QPSK10M_Front Face_10mm_Ch20450_1RB_OS24_Sample1_Battery1

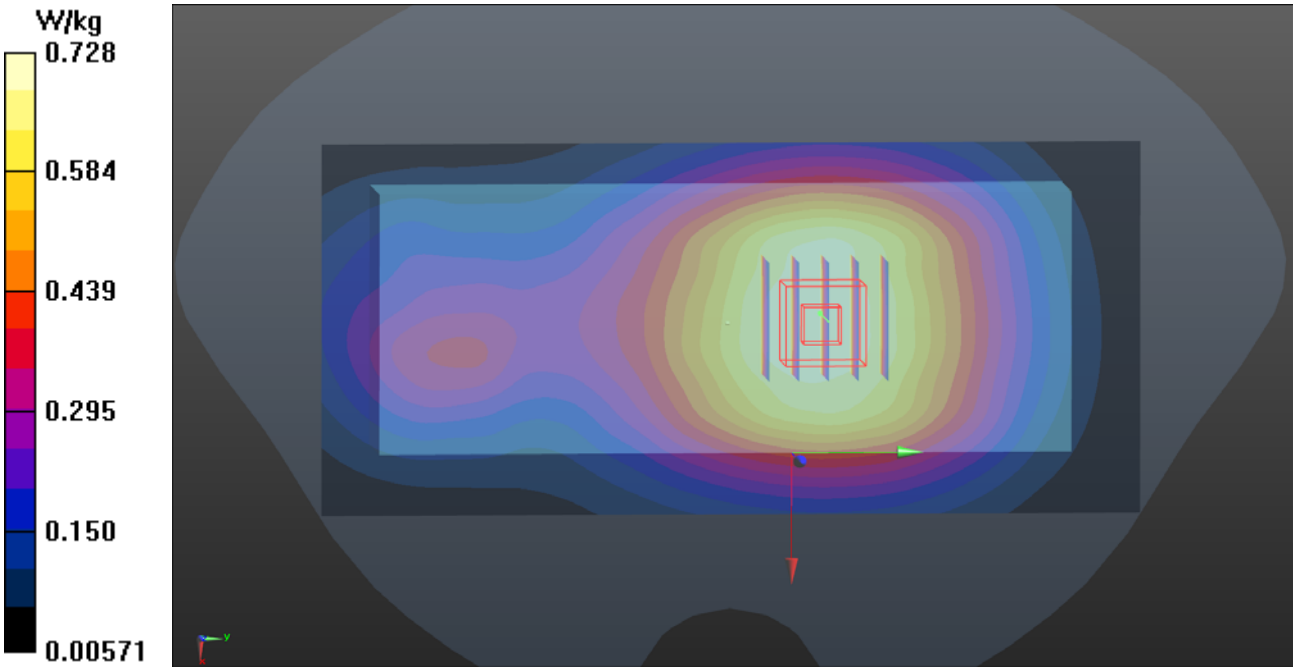
DUT: 180604C20

Communication System: LTE; Frequency: 829 MHz;Duty Cycle: 1:1
Medium: B07T10N1_0819 Medium parameters used: f = 829 MHz; σ = 0.967 S/m; ε_r = 57.758; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃ ； Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.74, 9.74, 9.74); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1232; Calibrated: 2018/05/22
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): 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 = 28.34 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.794 W/kg
SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.446 W/kg
Maximum value of SAR (measured) = 0.712 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2018/08/19

P37 LTE 12_QPSK10M_Front Face_10mm_Ch23060_1RB_OS49_Sample1_Battery1

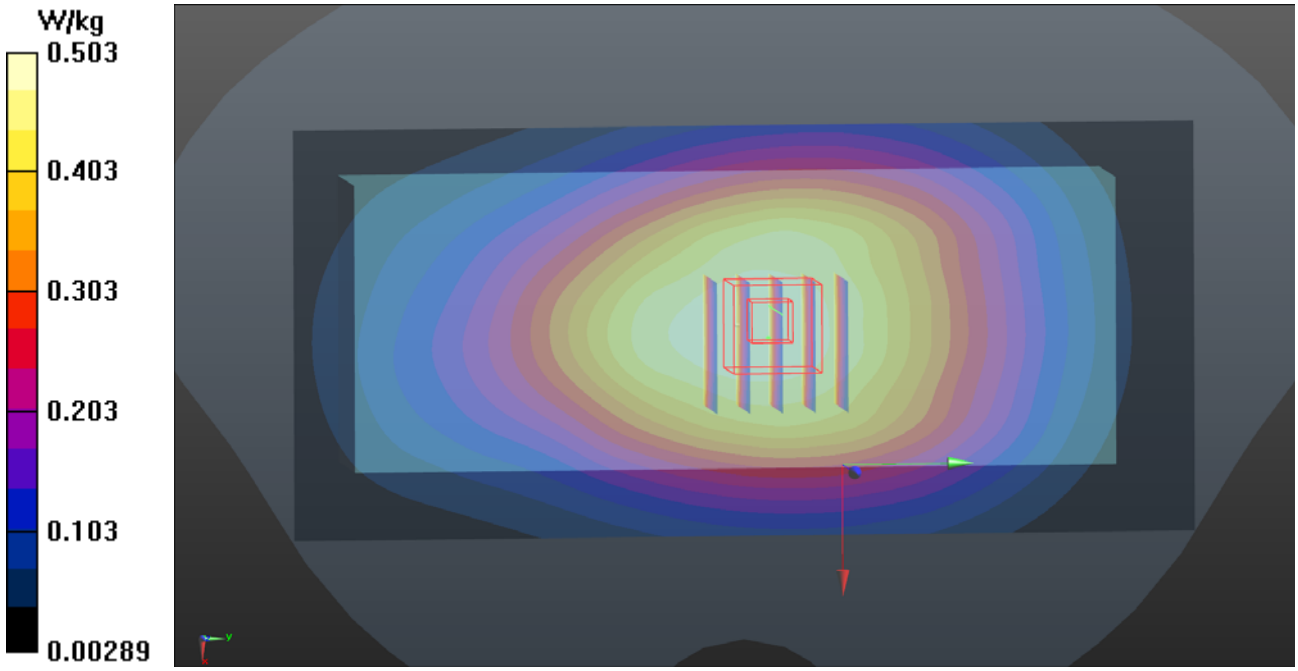
DUT: 180604C20

Communication System: LTE; Frequency: 704 MHz;Duty Cycle: 1:1
Medium: B06T09N1_0819 Medium parameters used: f = 704 MHz; σ = 0.919 S/m; ε_r = 54.756; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃ ； Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.91, 9.91, 9.91); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1232; Calibrated: 2018/05/22
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.503 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.07 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.561 W/kg
SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.313 W/kg
Maximum value of SAR (measured) = 0.502 W/kg



P38 LTE 13_QPSK10M_Front Face_10mm_Ch23230_1RB_OS24_Sample1_Battery1

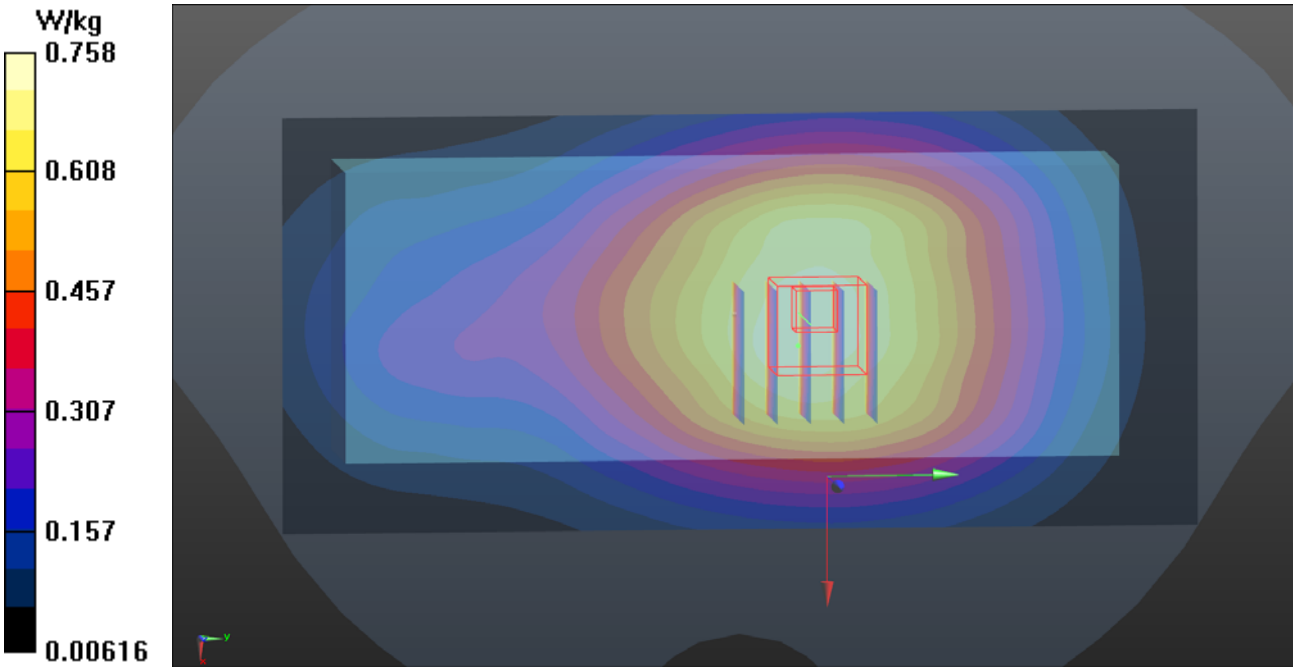
DUT: 180604C20

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B06T09N1_0819 Medium parameters used: f = 782 MHz; σ = 0.991 S/m; ε_r = 53.947; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃； Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.91, 9.91, 9.91); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1232; Calibrated: 2018/05/22
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.758 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.11 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.810 W/kg
SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.451 W/kg
Maximum value of SAR (measured) = 0.727 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2018/08/19

P39 LTE 17_QPSK10M_Front Face_10mm_Ch23780_1RB_OS24_Sample1_Battery1

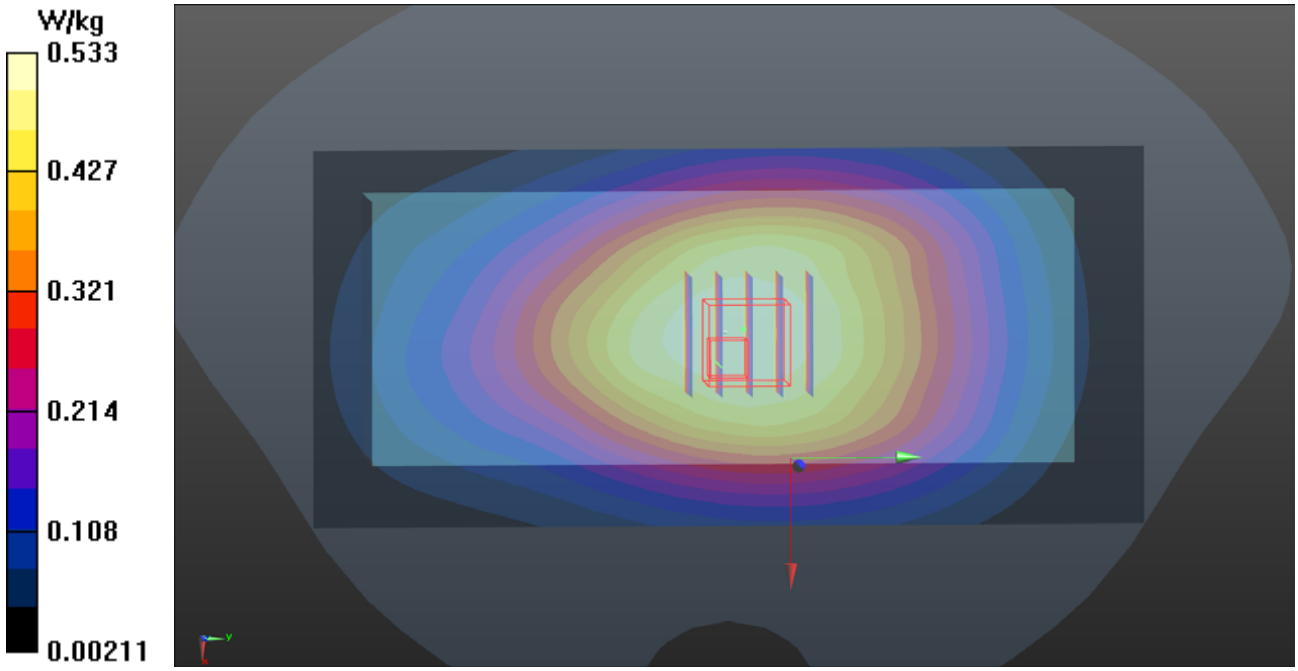
DUT: 180604C20

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B06T09N1_0819 Medium parameters used: f = 709 MHz; σ = 0.924 S/m; ε_r = 54.705; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃ ； Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.91, 9.91, 9.91); Calibrated: 2018/07/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1232; Calibrated: 2018/05/22
- Phantom: Twin SAM Phantom_1496; Type: QD000P40CA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.533 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.15 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.596 W/kg
SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.322 W/kg
Maximum value of SAR (measured) = 0.531 W/kg



P40 WLAN2.4G_802.11b_Left Side_10mm_Ch11_Sample1_Battery1

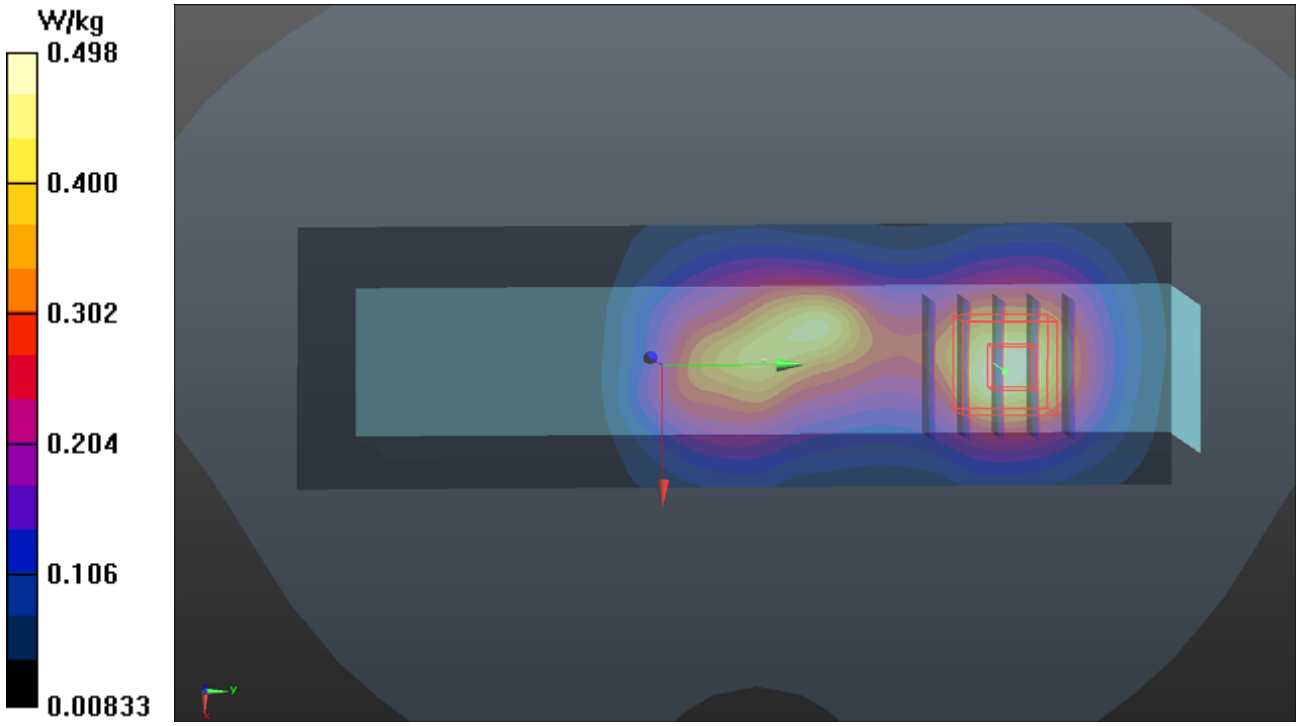
DUT: 180604C20

Communication System: WLAN_2.4G; Frequency: 2462 MHz;Duty Cycle: 1:1.01
Medium: B19T27N1_0817 Medium parameters used: f = 2462 MHz; σ = 2.037 S/m; ε_r = 51.441; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(7.78, 7.78, 7.78); Calibrated: 2018/02/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2018/03/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (51x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.498 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.67 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.685 W/kg
SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.196 W/kg
Maximum value of SAR (measured) = 0.560 W/kg



P41 WLAN5G_802.11a_Left Side_0mm_Ch64_Sample1_Battery1

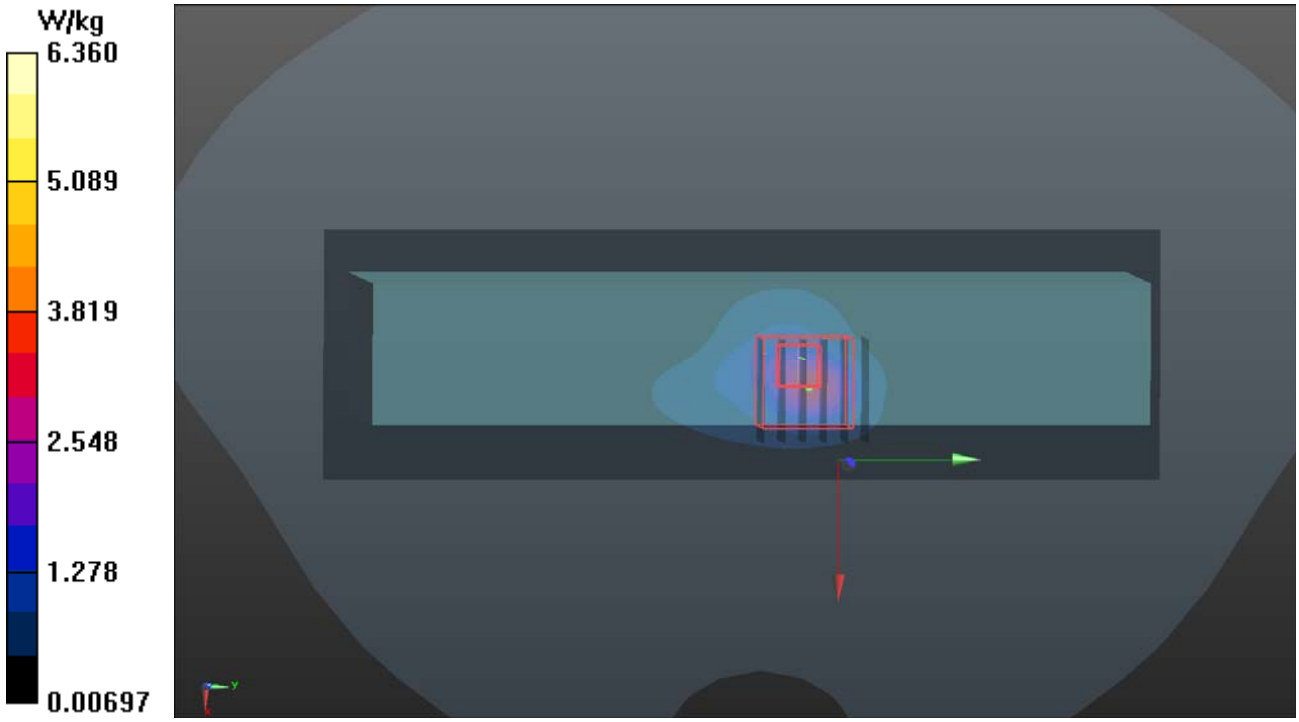
DUT: 180604C20

Communication System: WLAN_5G; Frequency: 5320 MHz;Duty Cycle: 1:1.13
Medium: B34T60N3_0810 Medium parameters used: f = 5320 MHz; σ = 5.43 S/m; ε_r = 49.185; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(5.06, 5.06, 5.06); Calibrated: 2018/02/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2018/03/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (61x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.40 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 27.16 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 10.9 W/kg
SAR(1 g) = 2.73 W/kg; SAR(10 g) = 0.806 W/kg
Maximum value of SAR (measured) = 6.36 W/kg



P42 WLAN5G_802.11a_Left Side_0mm_Ch100_Sample1_Battery1

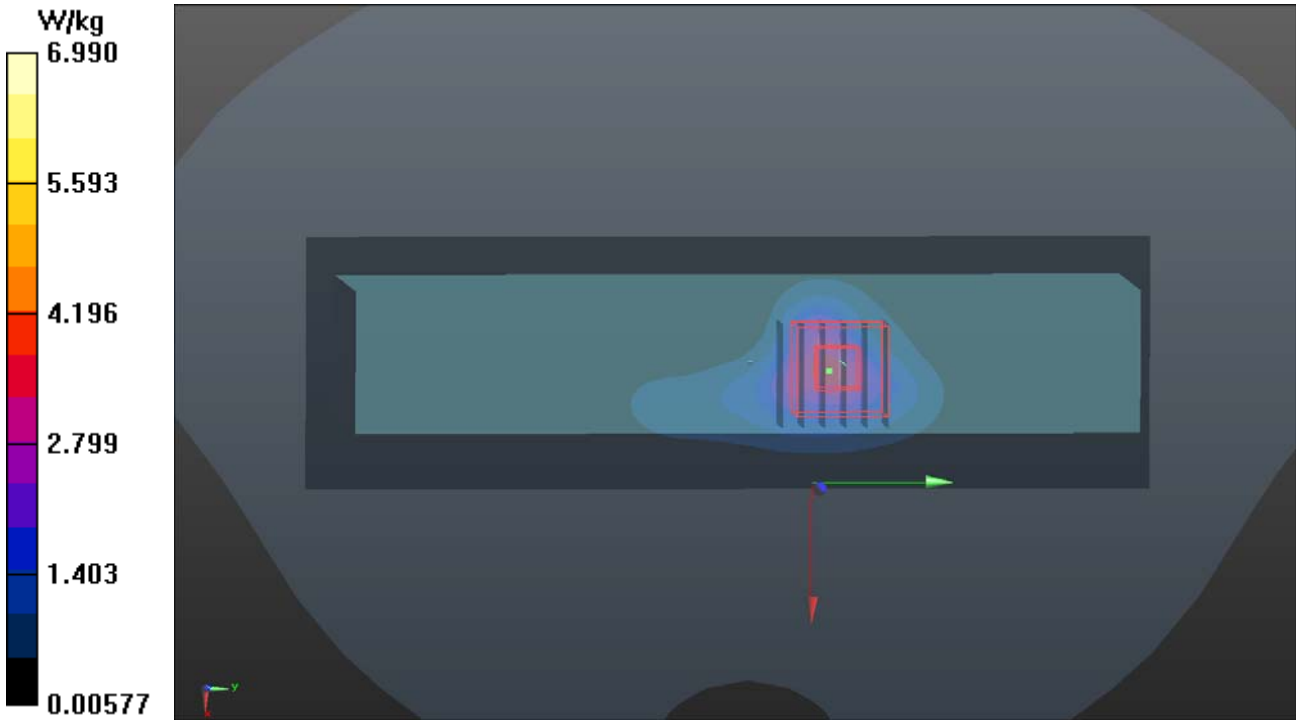
DUT: 180604C20

Communication System: WLAN_5G; Frequency: 5500 MHz;Duty Cycle: 1:1.12
Medium: B34T60N3_0810 Medium parameters used: f = 5500 MHz; σ = 5.738 S/m; ε_r = 48.793; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(4.35, 4.35, 4.35); Calibrated: 2018/02/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2018/03/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (61x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.60 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 22.34 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 11.7 W/kg
SAR(1 g) = 2.98 W/kg; SAR(10 g) = 0.948 W/kg
Maximum value of SAR (measured) = 6.99 W/kg



P43 WLAN5G_802.11a_Left Side_0mm_Ch149_Sample1_Battery1

DUT: 180604C20

Communication System: WLAN_5G; Frequency: 5745 MHz;Duty Cycle: 1:1.14
Medium: B34T60N3_0810 Medium parameters used: f = 5745 MHz; σ = 6.128 S/m; ε_r = 48.603; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(4.52, 4.52, 4.52); Calibrated: 2018/02/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2018/03/05
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

- Area Scan (61x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.87 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 24.06 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 11.5 W/kg
SAR(1 g) = 2.66 W/kg; SAR(10 g) = 0.865 W/kg
Maximum value of SAR (measured) = 6.36 W/kg