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: 2015/09/08

P01 CDMA2000 BC0_RC3+SO55_Left Cheek_Ch777_Ant0

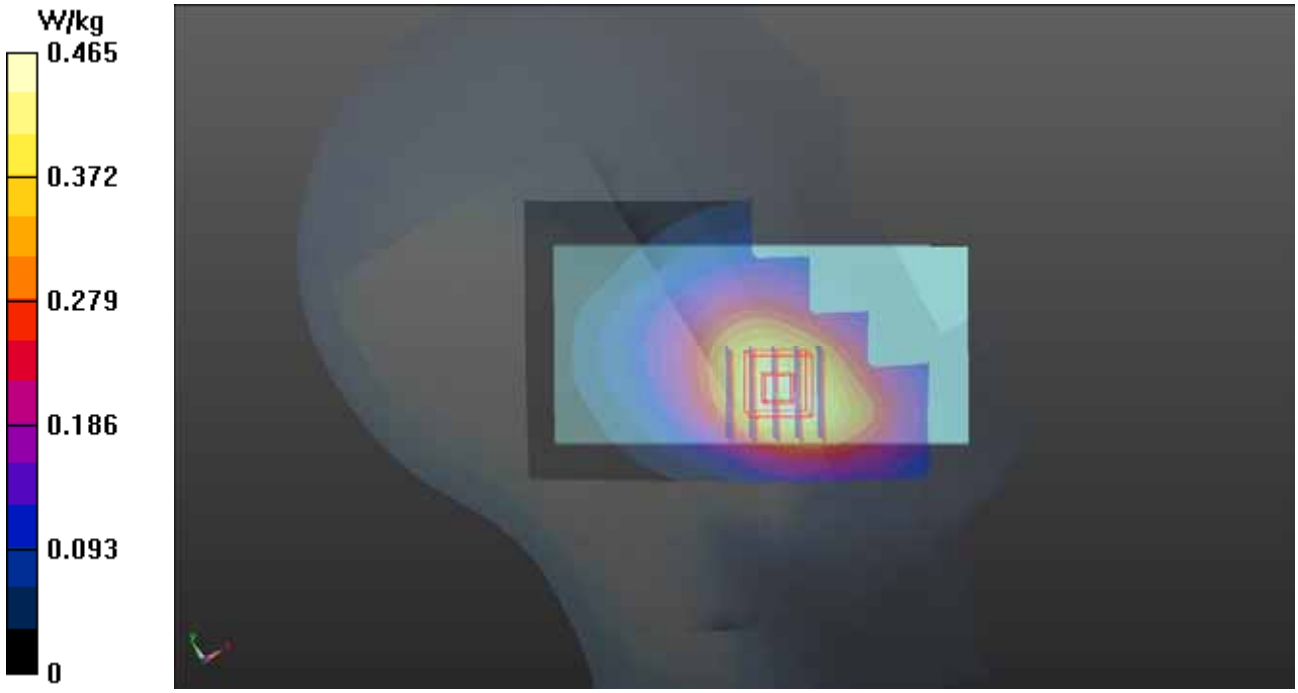
DUT: 150727C10

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: H07T10N2_0908 Medium parameters used: f = 848.31 MHz; σ = 0.93 S/m; ε_r = 41.845; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.45, 9.45, 9.45); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.465 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.305 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.291 W/kg
Maximum value of SAR (measured) = 0.462 W/kg



P02 CDMA2000 BC1_RC3+SO55_Left Cheek_Ch600_Ant1

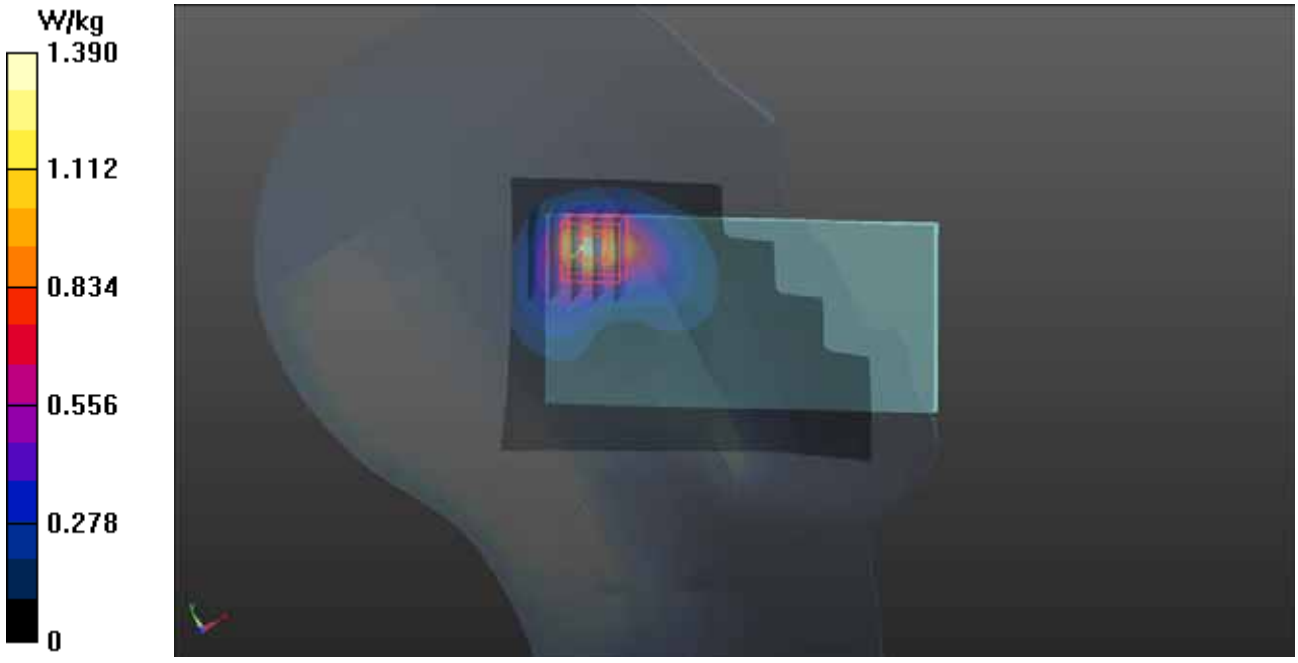
DUT: 150727C10

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H16T20N2_0904 Medium parameters used: f = 1880 MHz; σ = 1.437 S/m; ε_r = 39.031; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(8.21, 8.21, 8.21); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (51x81x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.04 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.454 W/kg
Maximum value of SAR (measured) = 1.32 W/kg



P03 CDMA2000 BC10_RC3+SO55_Left Cheek_Ch476_Ant0

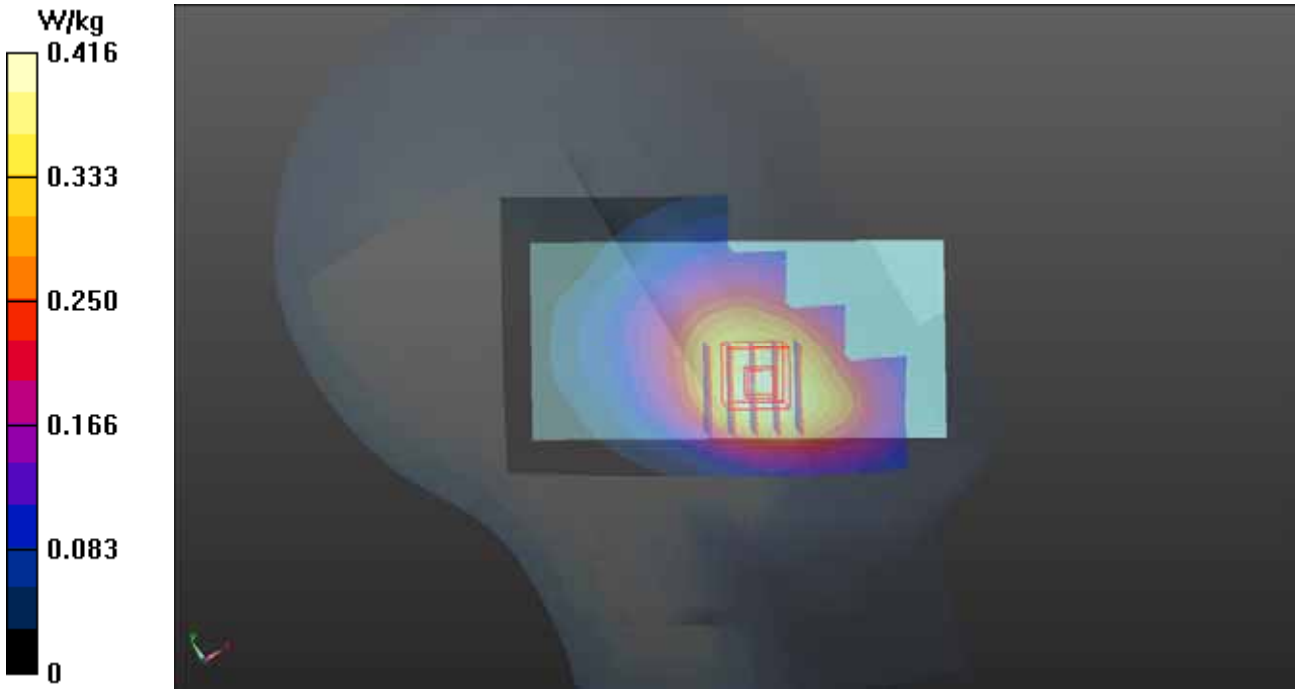
DUT: 150727C10

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: H07T10N2_0908 Medium parameters used: f = 818 MHz; σ = 0.902 S/m; ε_r = 42.212; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.45, 9.45, 9.45); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.416 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.892 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.446 W/kg
SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.271 W/kg
Maximum value of SAR (measured) = 0.417 W/kg



P04 LTE 2_QPSK20M_Left Cheek_Ch18900_Ant1_1RB_OS0

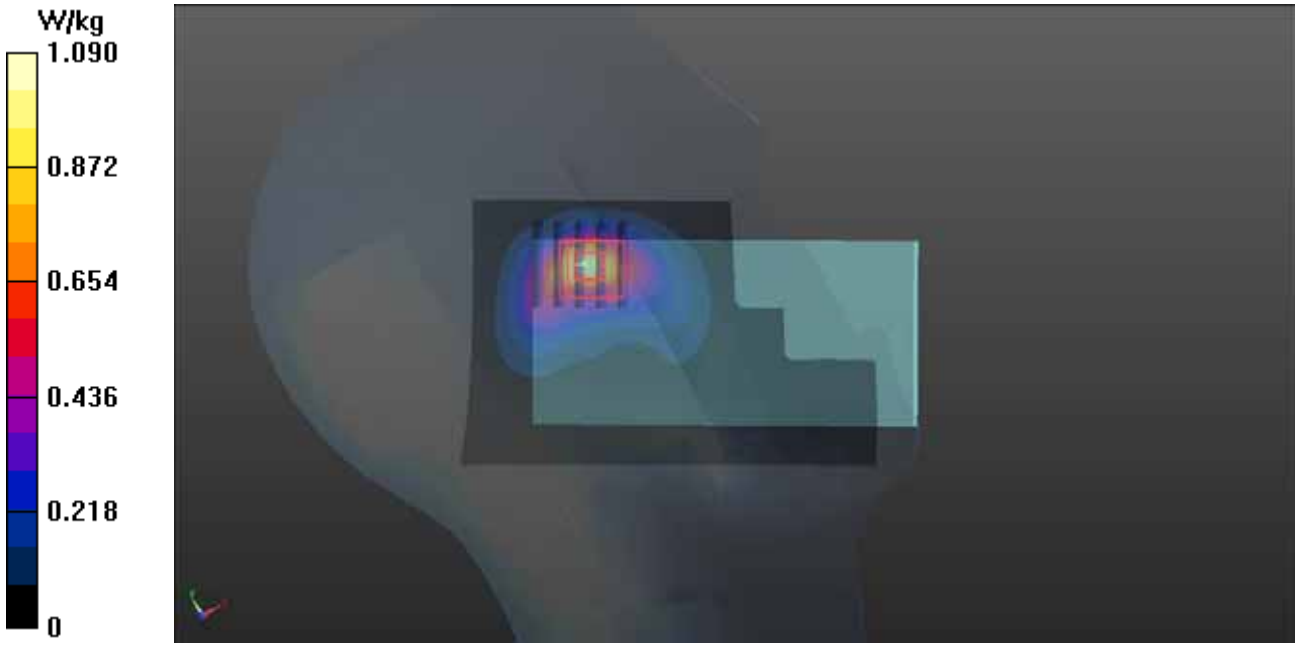
DUT: 150727C10

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H16T20N1_0906 Medium parameters used: f = 1880 MHz; σ = 1.434 S/m; ε_r = 40.527; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(8.21, 8.21, 8.21); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- 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) = 1.09 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.60 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.351 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



P05 LTE 4_QPSK20M_Left Cheek_Ch20175_Ant1_1RB_OS0

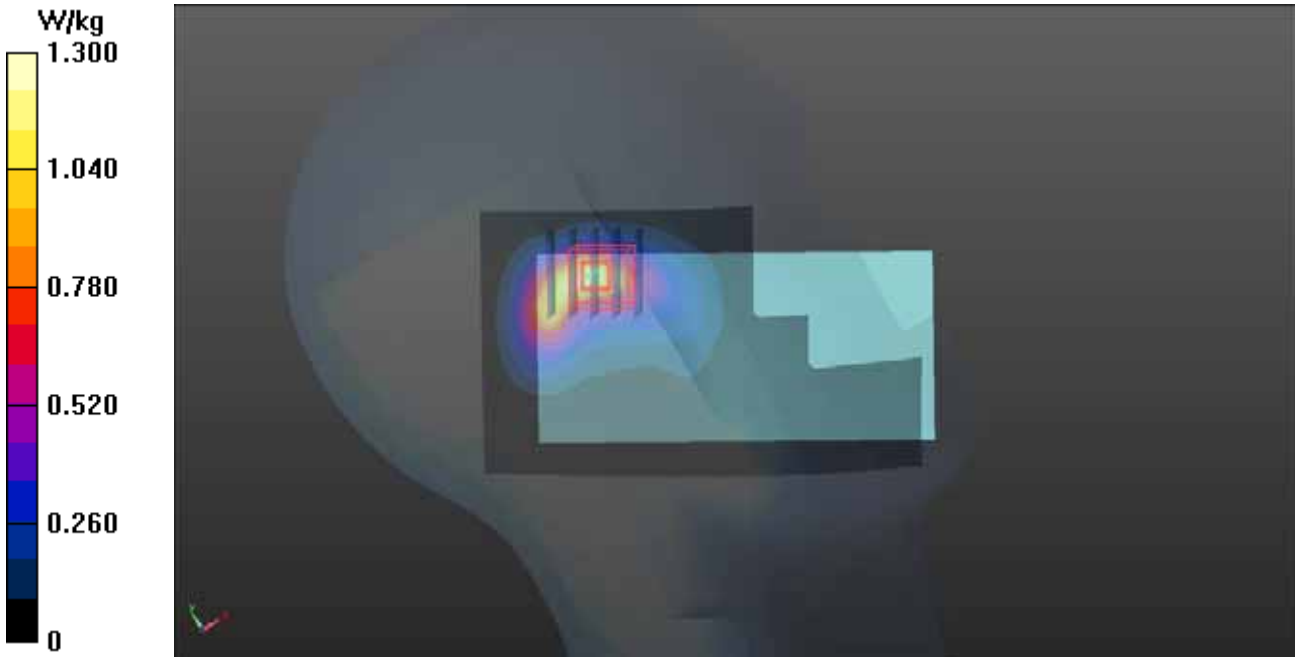
DUT: 150727C10

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: H16T20N1_0906 Medium parameters used: f = 1732.5 MHz; σ = 1.313 S/m; ε_r = 40.922; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(8.49, 8.49, 8.49); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (711291x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.30 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.24 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.421 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



P06 LTE 5_QPSK10M_Left Cheek_Ch20450_Ant0_1RB_OS24

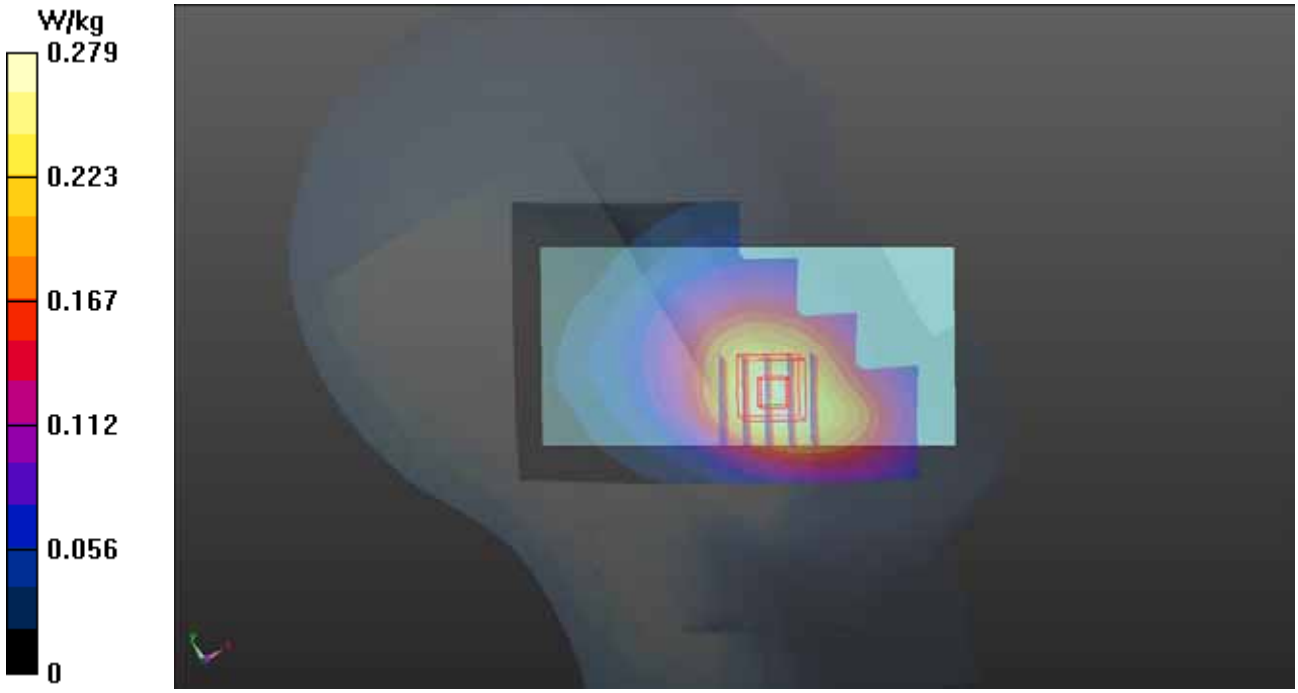
DUT: 150727C10

Communication System: LTE; Frequency: 829 MHz;Duty Cycle: 1:1
Medium: H07T10N2_0905 Medium parameters used: f = 829 MHz; σ = 0.905 S/m; ε_r = 42.724; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.45, 9.45, 9.45); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.279 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.988 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.175 W/kg
Maximum value of SAR (measured) = 0.261 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2015/09/07

P07 LTE 12_QPSK10M_Left Cheek_Ch23095_Ant0_1RB_OS24

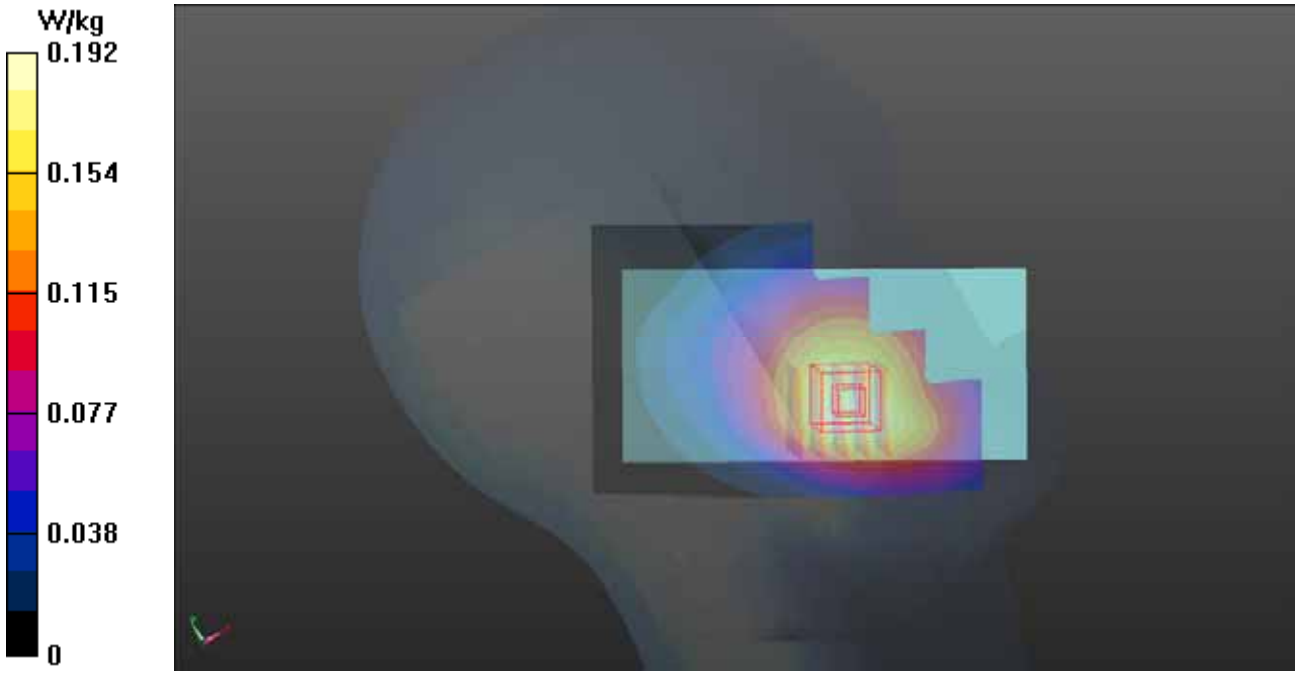
DUT: 150727C10

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: H06T09N1_0907 Medium parameters used: f = 707.5 MHz; σ = 0.847 S/m; ε_r = 42.984; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.97, 9.97, 9.97); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.192 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.155 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.196 W/kg
SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.127 W/kg
Maximum value of SAR (measured) = 0.184 W/kg



P08 LTE 25_QPSK20M_Left Cheek_Ch26365_Ant1_1RB_OS0

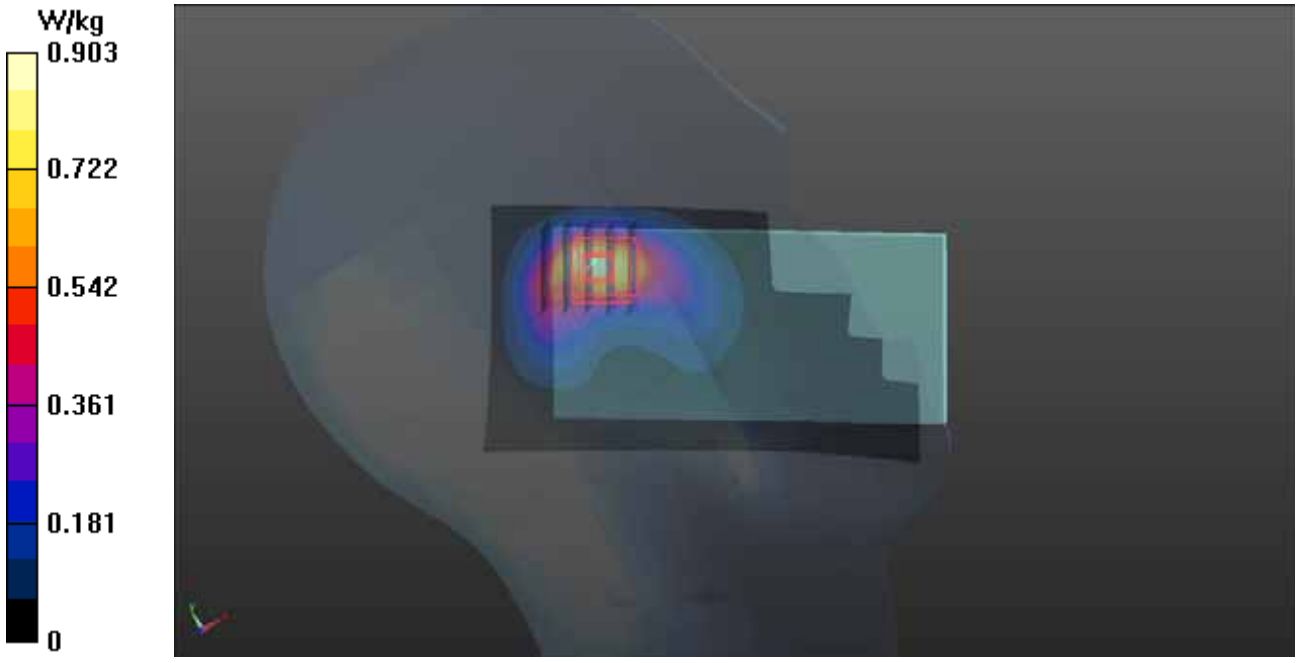
DUT: 150727C10

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: H16T20N1_0906 Medium parameters used: f = 1882.5 MHz; σ = 1.436 S/m; ε_r = 40.522; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(8.21, 8.21, 8.21); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.903 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.03 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.338 W/kg
Maximum value of SAR (measured) = 0.962 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2015/09/05

P09 LTE 26_QPSK15M_Left Cheek_Ch26765_Ant0_1RB_OS37

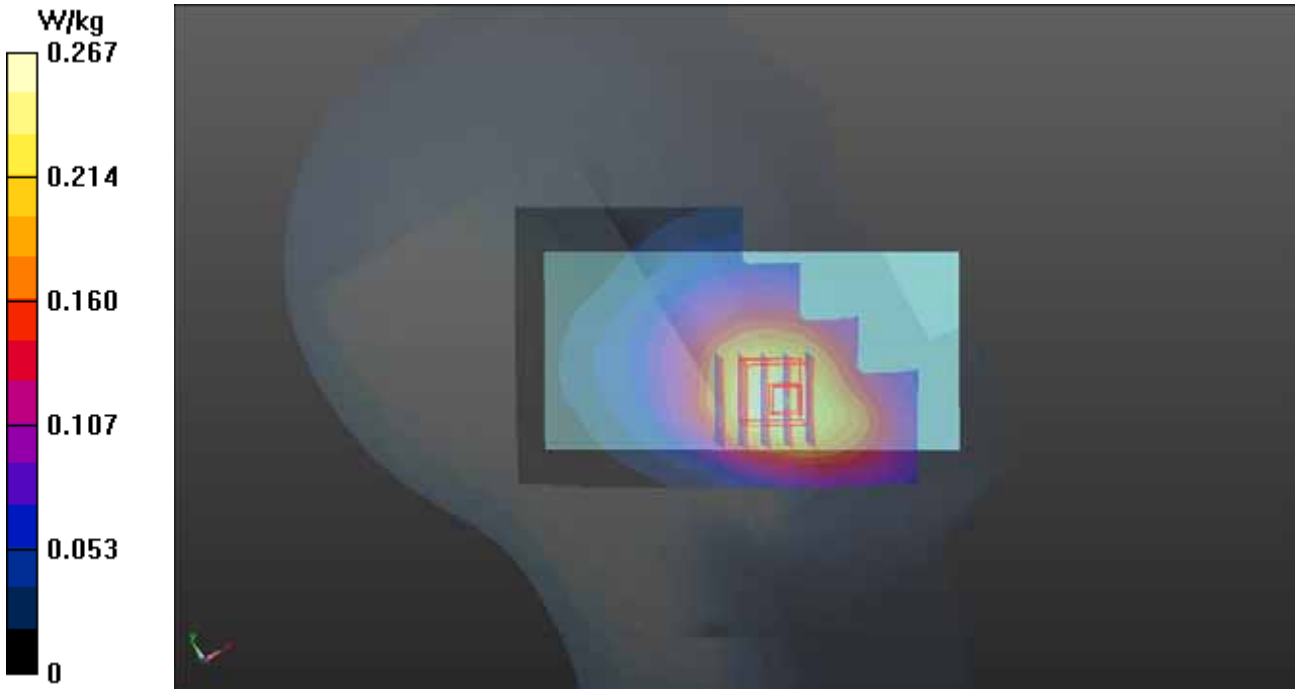
DUT: 150727C10

Communication System: LTE; Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium: H07T10N2_0905 Medium parameters used: f = 821.5 MHz; σ = 0.899 S/m; ε_r = 42.857; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.45, 9.45, 9.45); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1822; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.267 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.938 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.172 W/kg
Maximum value of SAR (measured) = 0.255 W/kg



P10 LTE 41_QPSK20M_Left Cheek_Ch39750_Ant0_1RB_OS50

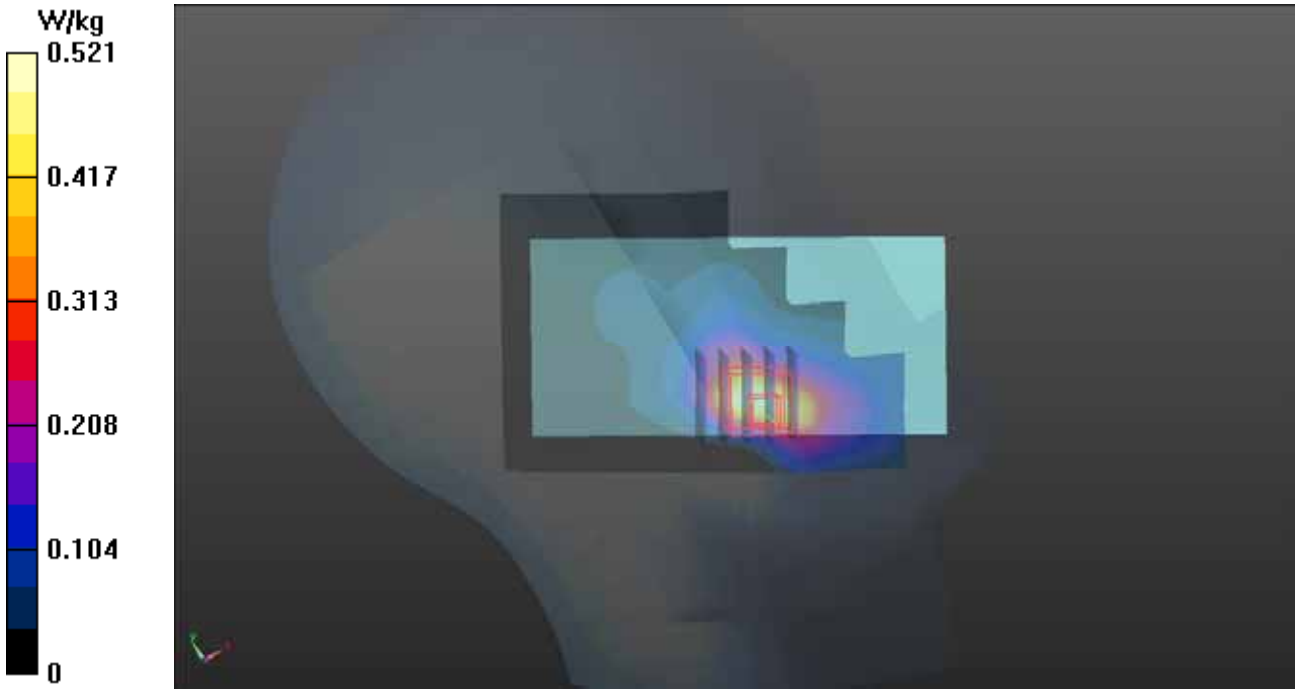
DUT: 150727C10

Communication System: LTE TDD; Frequency: 2506 MHz;Duty Cycle: 1:1.58
Medium: H19T27N1_0907 Medium parameters used: f = 2506 MHz; σ = 1.929 S/m; ε_r = 38.746; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(6.99, 6.99, 6.99); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2015/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (91x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.521 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.066 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.515 W/kg
SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.155 W/kg
Maximum value of SAR (measured) = 0.416 W/kg



P11 2.4G WLAN_802.11b_Right Check_Ch1

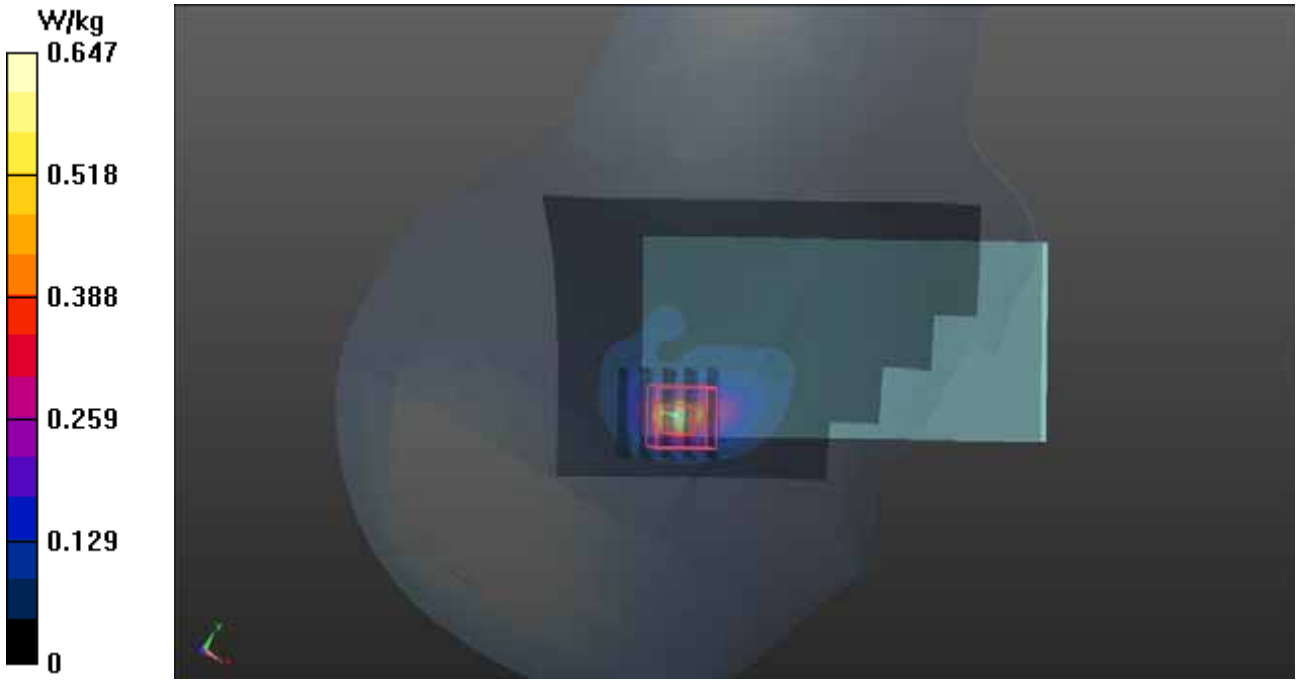
DUT: 150727C10

Communication System: WLAN_2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: H19T27N3_0824 Medium parameters used: f = 2412 MHz; σ = 1.838 S/m; ε_r = 38.575; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(7.35, 7.35, 7.35); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- 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) = 0.647 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.037 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.749 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.108 W/kg
Maximum value of SAR (measured) = 0.578 W/kg



P12 5.3G WLAN_802.11a_Right Check_Ch60

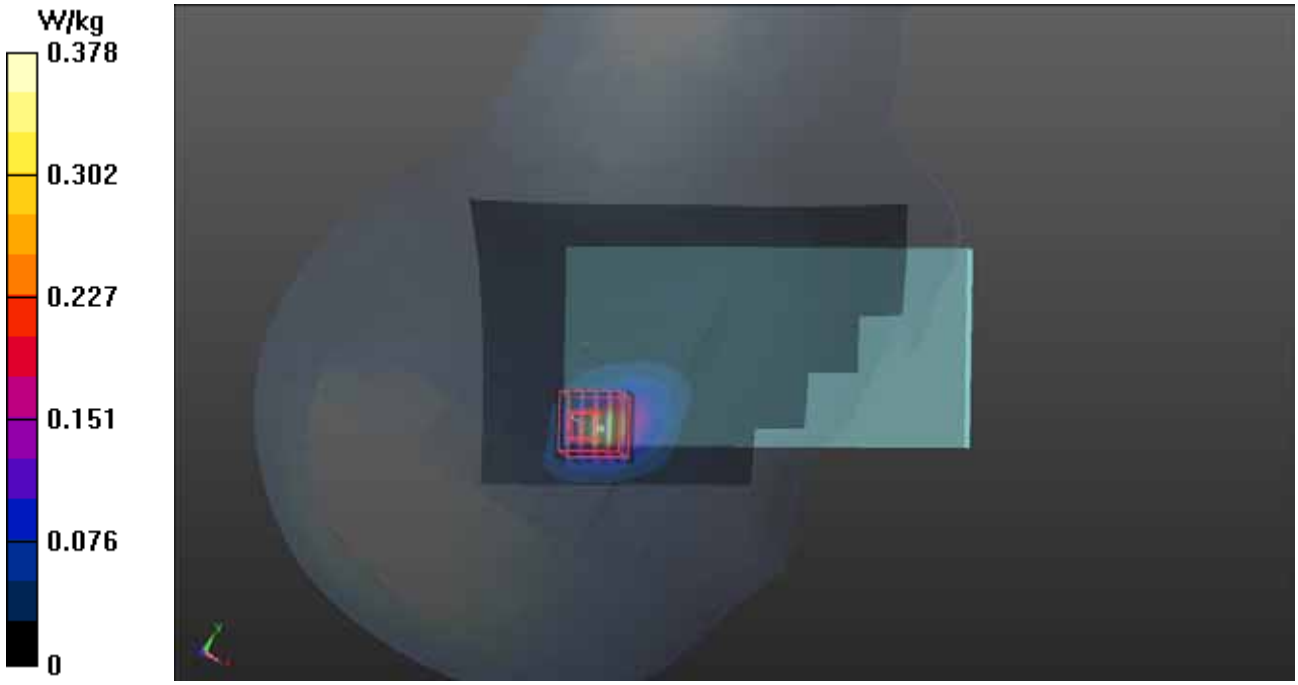
DUT: 150727C10

Communication System: WLAN_5G; Frequency: 5300 MHz;Duty Cycle: 1:1.17
Medium: H34T60N3_0825 Medium parameters used: f = 5300 MHz; σ = 4.566 S/m; ε_r = 36.307; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(5.28, 5.28, 5.28); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- 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) = 0.378 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.515 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.736 W/kg
SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.406 W/kg



P13 5.6G WLAN_802.11a_Right Check_Ch116

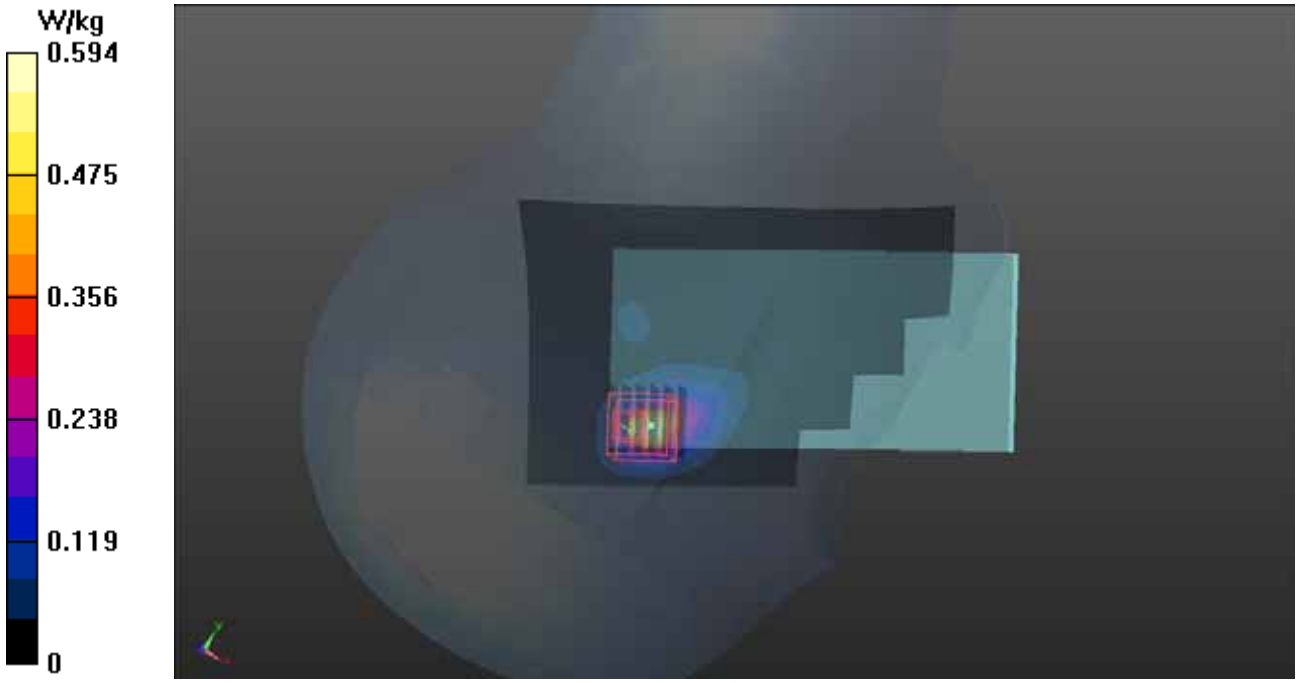
DUT: 150727C10

Communication System: WLAN_5G; Frequency: 5580 MHz;Duty Cycle: 1:1.17
Medium: H34T60N3_0825 Medium parameters used: f = 5580 MHz; σ = 4.895 S/m; ε_r = 35.746; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(4.77, 4.77, 4.77); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- 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) = 0.594 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.298 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.063 W/kg
Maximum value of SAR (measured) = 0.584 W/kg



P14 5.8G WLAN_802.11a_Right Check_Ch157

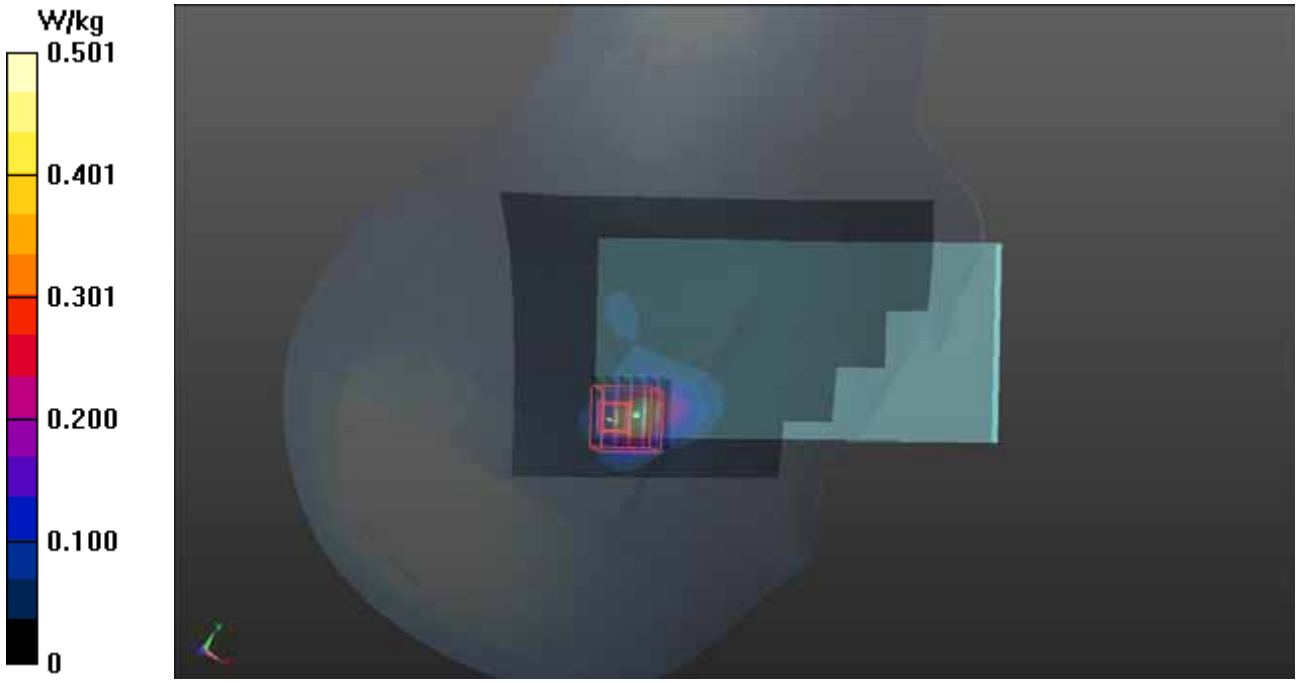
DUT: 150727C10

Communication System: WLAN_5G; Frequency: 5785 MHz;Duty Cycle: 1:1.17
Medium: H34T60N3_0825 Medium parameters used: f = 5785 MHz; σ = 5.02 S/m; ε_r = 35.662; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(4.91, 4.91, 4.91); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- 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) = 0.501 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.277 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.810 W/kg
SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.442 W/kg



P15 CDMA2000 BC0_RTAP153.6_Rear Face_1cm_Ch777_Ant0

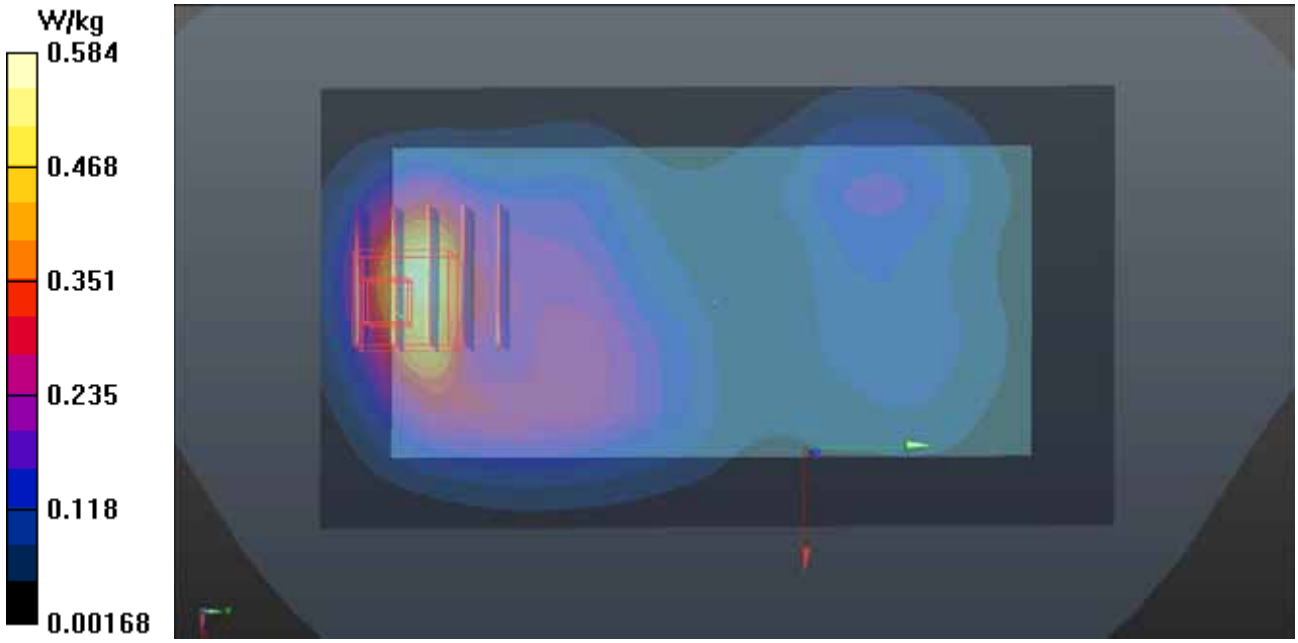
DUT: 150727C10

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: B07T10N2_0908 Medium parameters used: f = 848.31 MHz; σ = 0.991 S/m; ε_r = 55.669; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.83, 9.83, 9.83); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (91x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.584 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.94 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.385 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



P16 CDMA2000 BC1_RTAP153.6_Rear Face_1cm_Ch600_Ant0

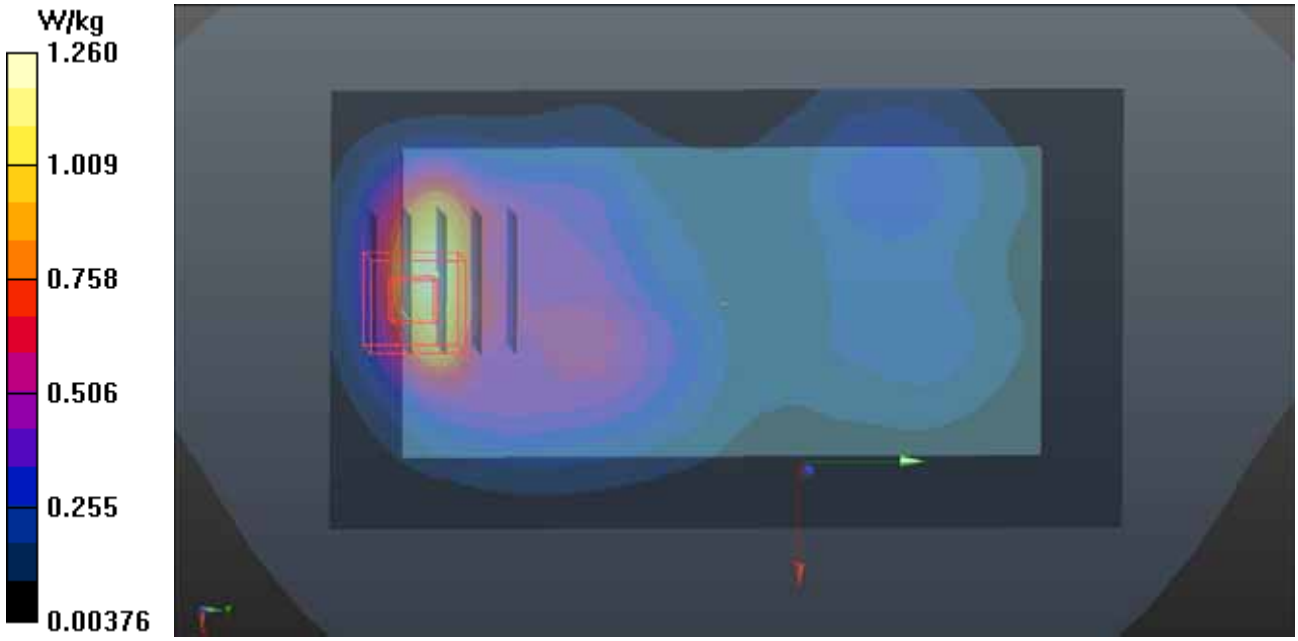
DUT: 150727C10

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B16T20N2_0908 Medium parameters used: f = 1880 MHz; σ = 1.55 S/m; ε_r = 51.848; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(7.88, 7.88, 7.88); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (91x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.10 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.365 W/kg
Maximum value of SAR (measured) = 0.965 W/kg



P17 CDMA2000 BC10_RTAP153.6_Rear Face_1cm_Ch476_Ant0

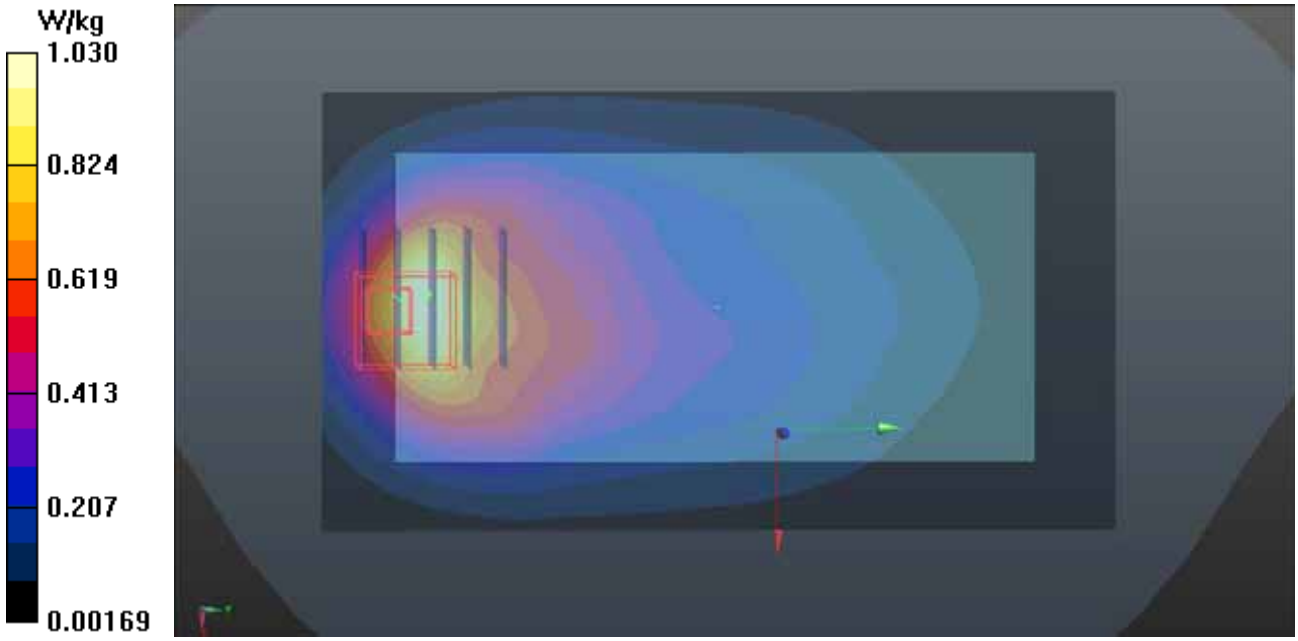
DUT: 150727C10

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: B07T10N2_0908 Medium parameters used: f = 818 MHz; σ = 0.964 S/m; ε_r = 55.983; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.83, 9.83, 9.83); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (91x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.64 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.347 W/kg
Maximum value of SAR (measured) = 0.958 W/kg



P18 LTE 2_QPSK20M_Rear Face_1cm_Ch18900_Ant0_1RB_OS0

DUT: 150727C10

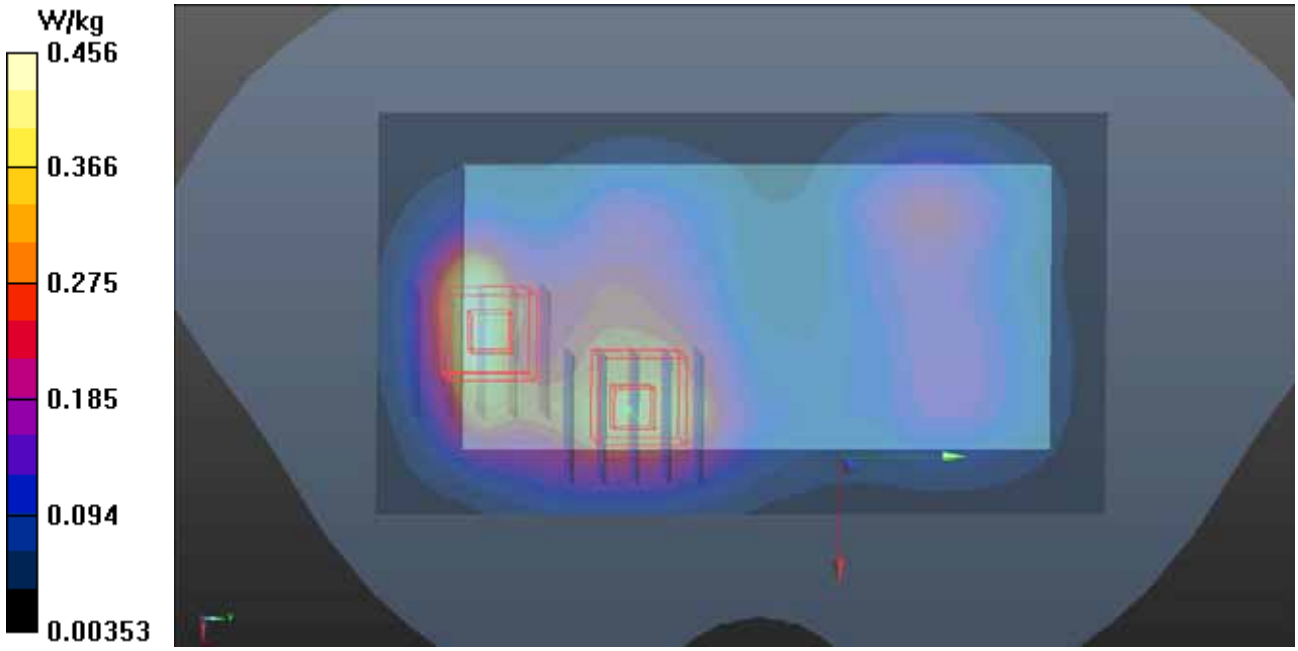
Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B16T20N2_0915 Medium parameters used: f = 1880 MHz; σ = 1.558 S/m; ε_r = 51.477; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(7.85, 7.85, 7.85); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- 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) = 0.456 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.008 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.695 W/kg
SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.273 W/kg
Maximum value of SAR (measured) = 0.541 W/kg

- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.008 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.429 W/kg
SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.174 W/kg
Maximum value of SAR (measured) = 0.367 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2015/09/06

P19 LTE 4_QPSK20M_Rear Face_1cm_Ch20050_Ant0_1RB_OS0

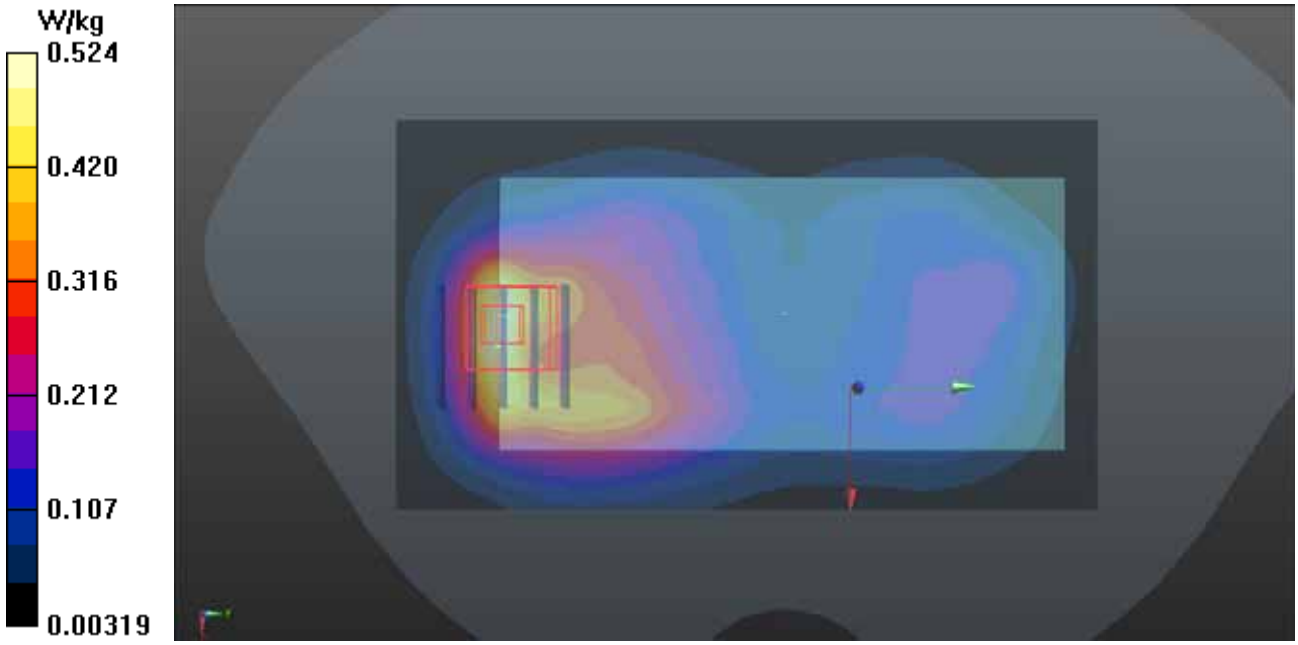
DUT: 150727C10

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: B16T20N2_0906 Medium parameters used: f = 1720 MHz; σ = 1.416 S/m; ε_r = 51.5; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- 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) = 0.524 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.028 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.644 W/kg
SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 0.556 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2015/09/06

P20 LTE 5_QPSK10M_Rear Face_1cm_Ch20450_Ant0_1RB_OS24

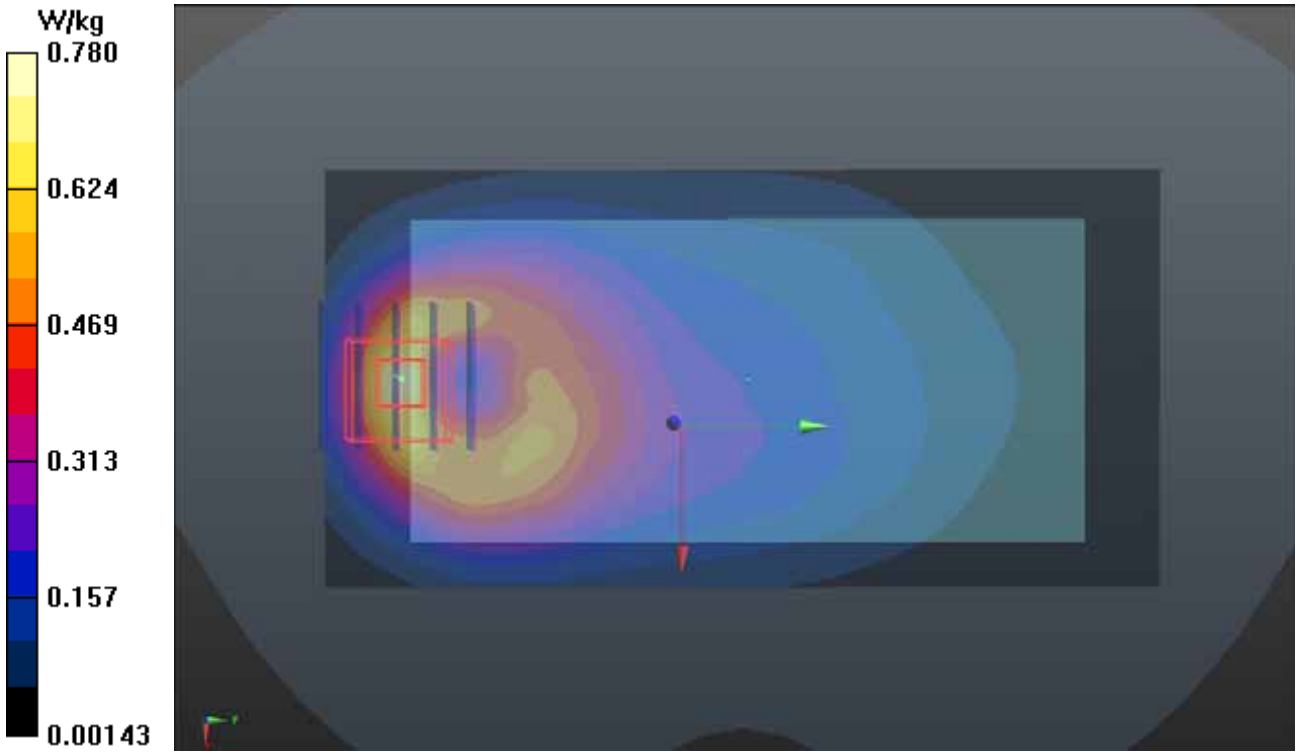
DUT: 150727C10

Communication System: LTE; Frequency: 829 MHz;Duty Cycle: 1:1
Medium: B07T10N2_0906 Medium parameters used: f = 829 MHz; σ = 1.012 S/m; ε_r = 54.477; ρ = 1000 kg/m^3
Ambient Temperature：23.7℃; Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.83, 9.83, 9.83); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.780 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.21 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.320 W/kg
Maximum value of SAR (measured) = 0.837 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2015/09/08

P21 LTE 12_QPSK10M_Rear Face_1cm_Ch23095_Ant0_1RB_OS24

DUT: 150727C10

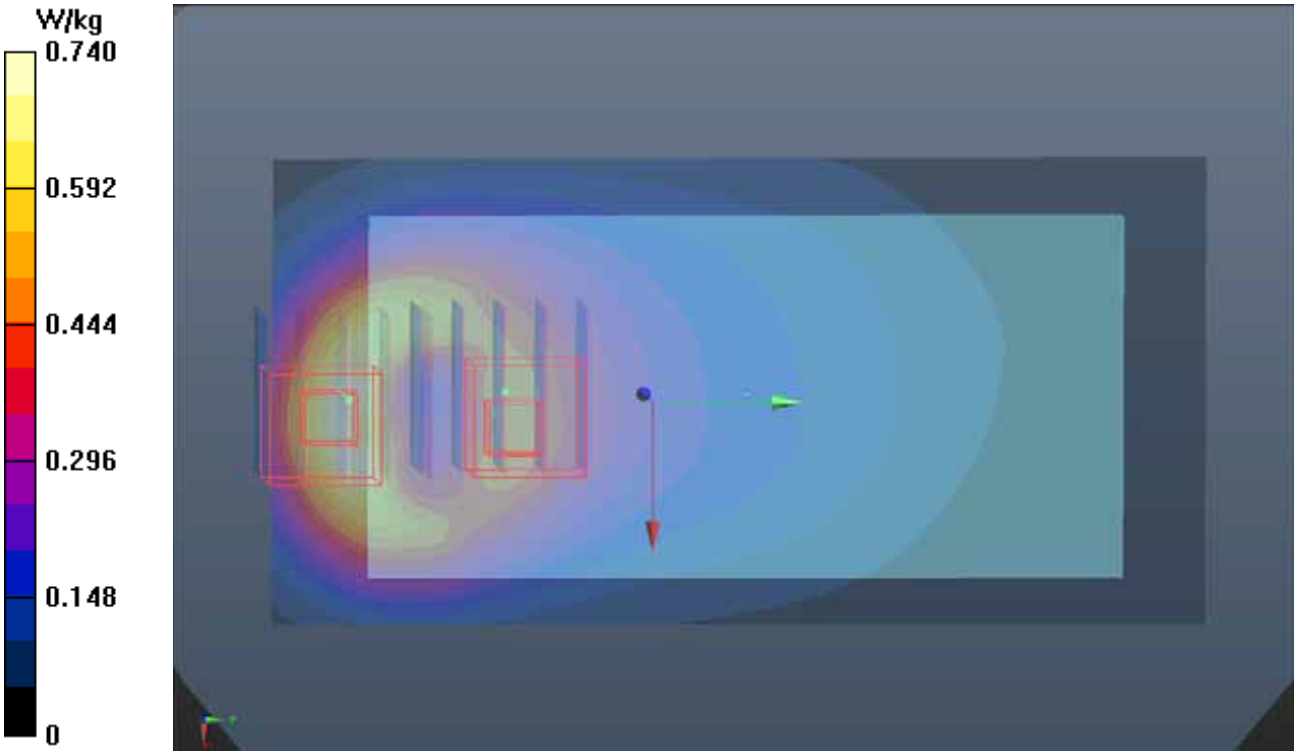
Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: B06T09N1_0908 Medium parameters used: f = 707.5 MHz; σ = 0.922 S/m; ε_r = 54.719; ρ = 1000 kg/m^3
Ambient Temperature：23.7℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(9.82, 9.82, 9.82); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.740 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.92 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.962 W/kg
SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.278 W/kg
Maximum value of SAR (measured) = 0.769 W/kg

- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.92 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.680 W/kg
SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.262 W/kg
Maximum value of SAR (measured) = 0.555 W/kg



P22 LTE 25_QPSK20M_Rear Face_1cm_Ch26365_Ant0_1RB_OS0

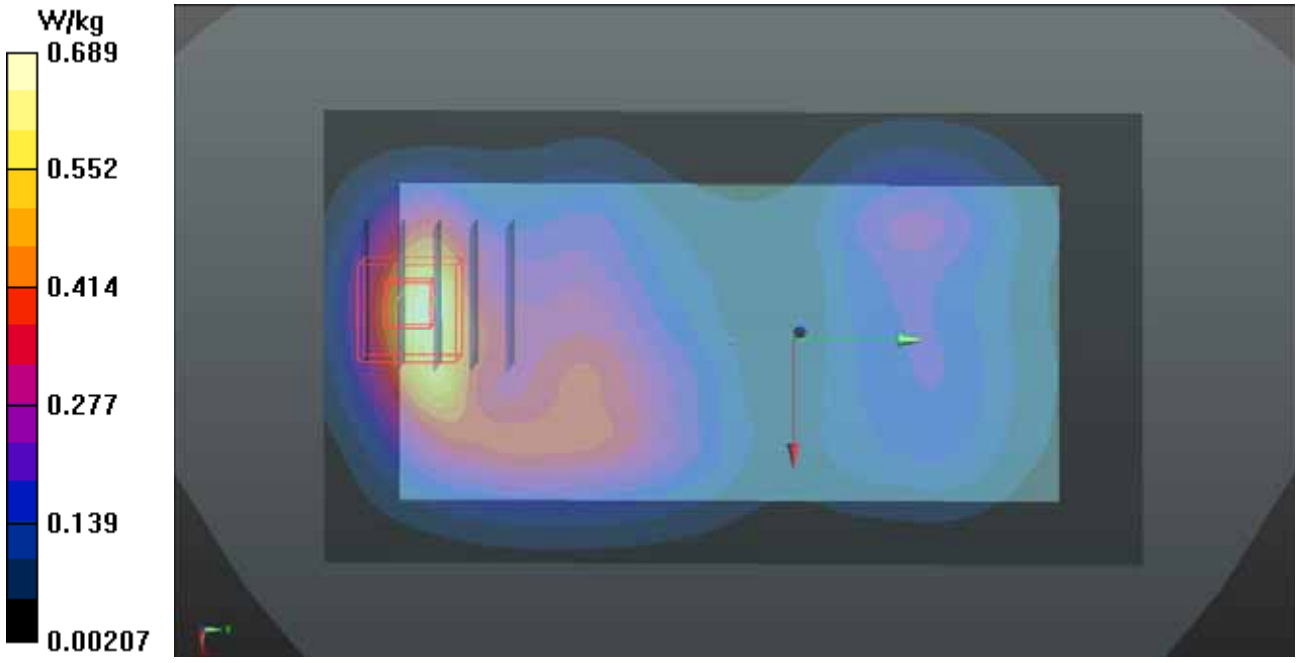
DUT: 150727C10

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: B16T20N2_0906 Medium parameters used: f = 1882.5 MHz; σ = 1.556 S/m; ε_r = 51.047; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(7.88, 7.88, 7.88); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- 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) = 0.689 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.576 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.739 W/kg
SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.218 W/kg
Maximum value of SAR (measured) = 0.584 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2015/09/06

P23 LTE 26_QPSK15M_Rear Face_1cm_Ch26765_Ant0_1RB_OS37

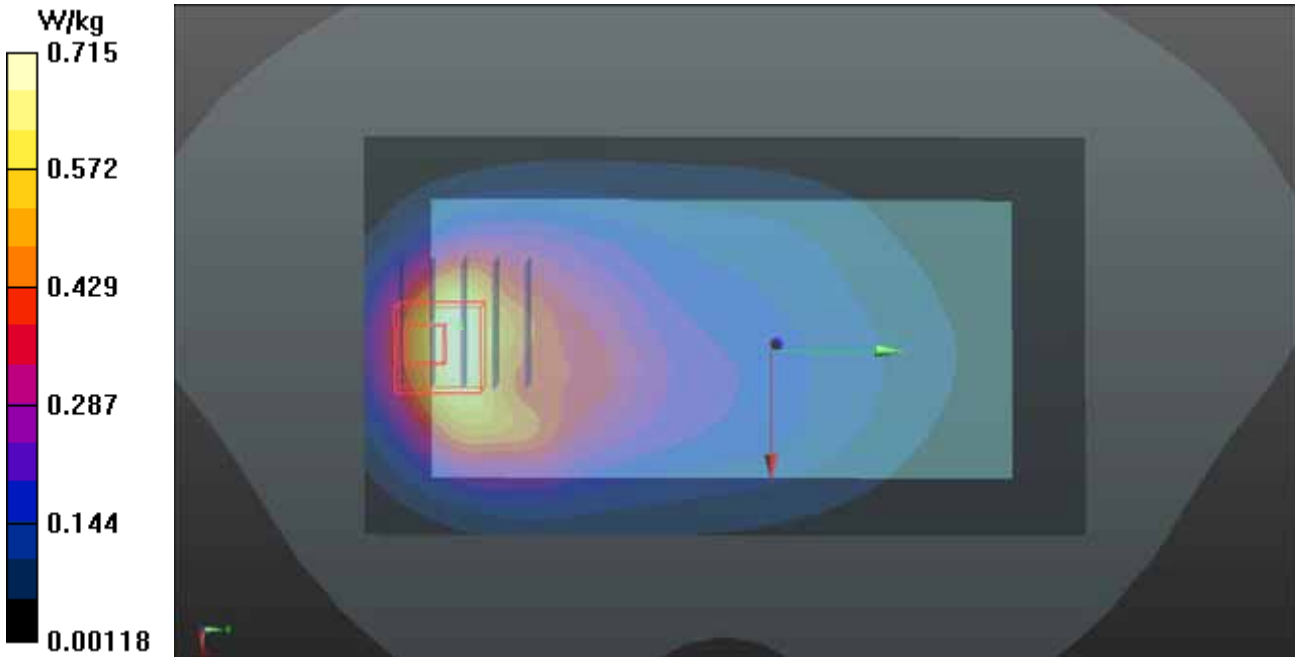
DUT: 150727C10

Communication System: LTE; Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium: B07T10N2_0906 Medium parameters used: f = 821.5 MHz; σ = 1.005 S/m; ε_r = 54.583; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.83, 9.83, 9.83); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- 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) = 0.715 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.07 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.855 W/kg
SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.254 W/kg
Maximum value of SAR (measured) = 0.712 W/kg



P24 LTE 41_QPSK20M_Front Face_1cm_Ch39750_Ant0_1RB_OS50

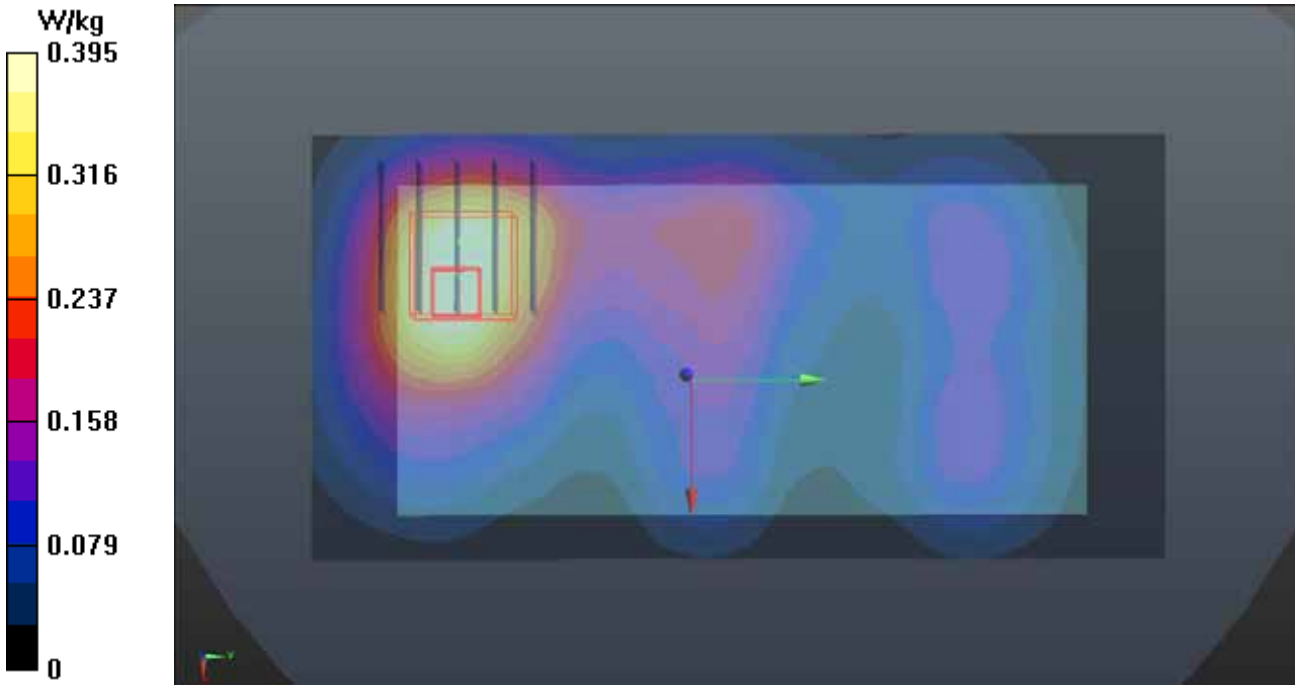
DUT: 150727C10

Communication System: LTE TDD CF0; Frequency: 2506 MHz;Duty Cycle: 1:1.58
Medium: B19T27N2_0908 Medium parameters used: f = 2506 MHz; σ = 2.073 S/m; ε_r = 52.544; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(6.77, 6.77, 6.77); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.395 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.519 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.499 W/kg
SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.141 W/kg
Maximum value of SAR (measured) = 0.392 W/kg



P25 2.4G WLAN_802.11b_Front Face_1cm_Ch1

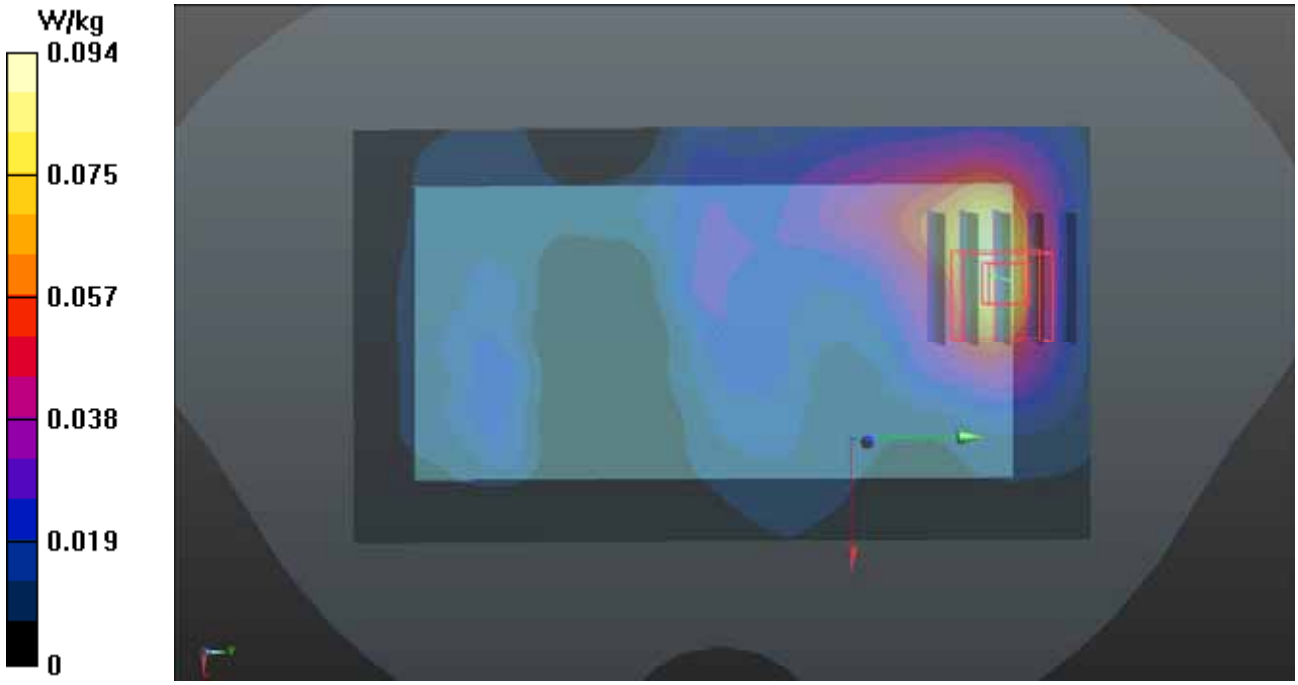
DUT: 150727C10

Communication System: WLAN_2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: B19T27N3_0824 Medium parameters used: f = 2412 MHz; σ = 1.977 S/m; ε_r = 50.656; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(7.3, 7.3, 7.3); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- 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) = 0.0943 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.752 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.109 W/kg
SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0814 W/kg



P26 5.3G WLAN_802.11a_Front Face_1cm_Ch60

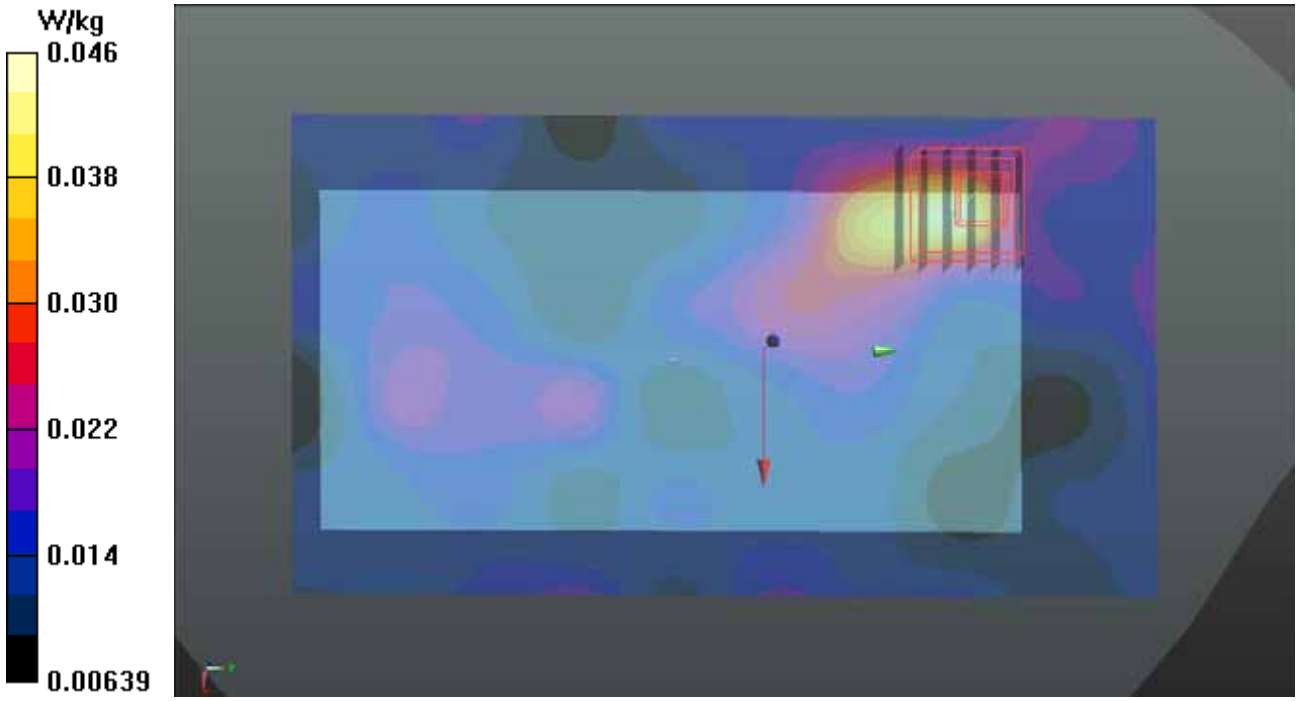
DUT: 150727C10

Communication System: WLAN_5G; Frequency: 5300 MHz;Duty Cycle: 1:1.17
Medium: B34T60N3_0825 Medium parameters used: f = 5300 MHz; σ = 5.473 S/m; ε_r = 47.306; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(4.41, 4.41, 4.41); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- 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) = 0.0460 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.630 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00618 W/kg
Maximum value of SAR (measured) = 0.0505 W/kg



P27 5.6G WLAN_802.11a_Front Face_1cm_Ch116

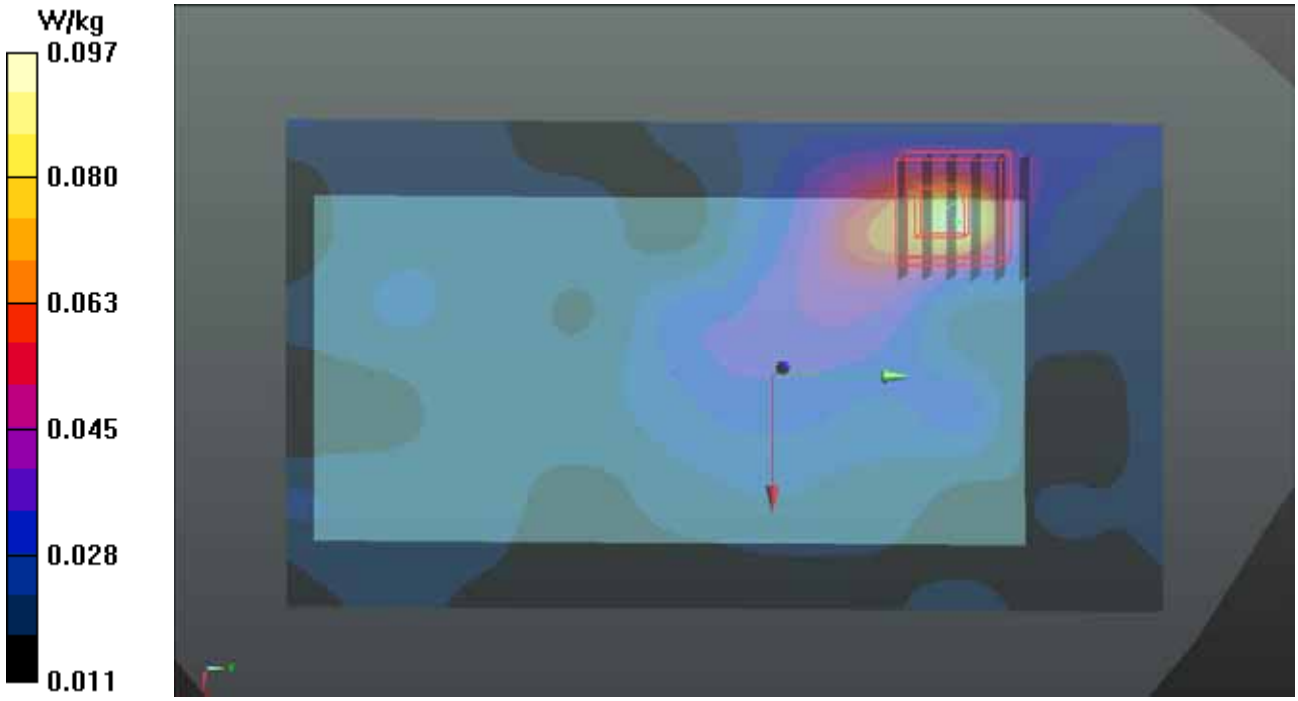
DUT: 150727C10

Communication System: WLAN_5G; Frequency: 5580 MHz;Duty Cycle: 1:1.17
Medium: B34T60N3_0825 Medium parameters used: f = 5580 MHz; σ = 5.88 S/m; ε_r = 46.779; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(3.93, 3.93, 3.93); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- 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) = 0.0973 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.263 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0893 W/kg



P28 5.8G WLAN_802.11a_Front Face_1cm_Ch157

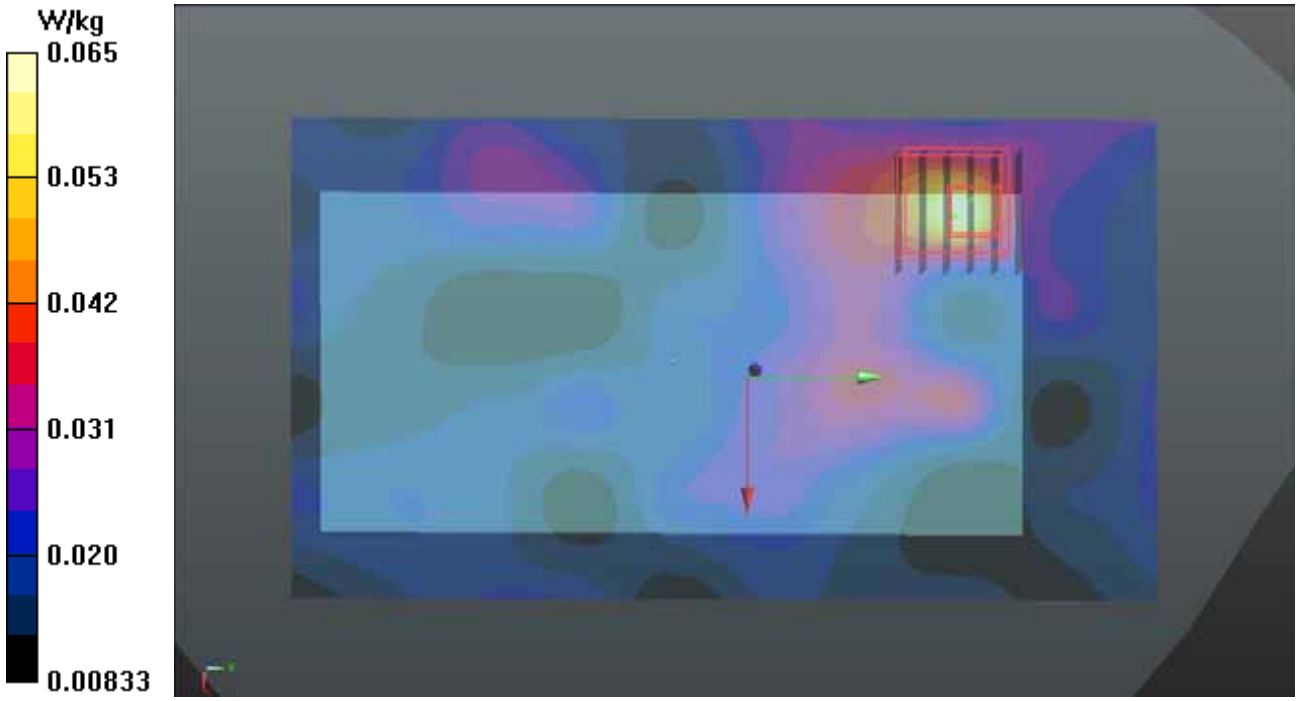
DUT: 150727C10

Communication System: WLAN_5G; Frequency: 5785 MHz;Duty Cycle: 1:1.17
Medium: B34T60N3_0825 Medium parameters used: f = 5785 MHz; σ = 6.168 S/m; ε_r = 46.384; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(4.2, 4.2, 4.2); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- 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) = 0.0647 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.584 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.0189 W/kg; SAR(10 g) = 0.0068 W/kg
Maximum value of SAR (measured) = 0.0723 W/kg



P29 LTE 2_QPSK20M_Bottom Side_1cm_Ch18900_Ant0_1RB_OS0

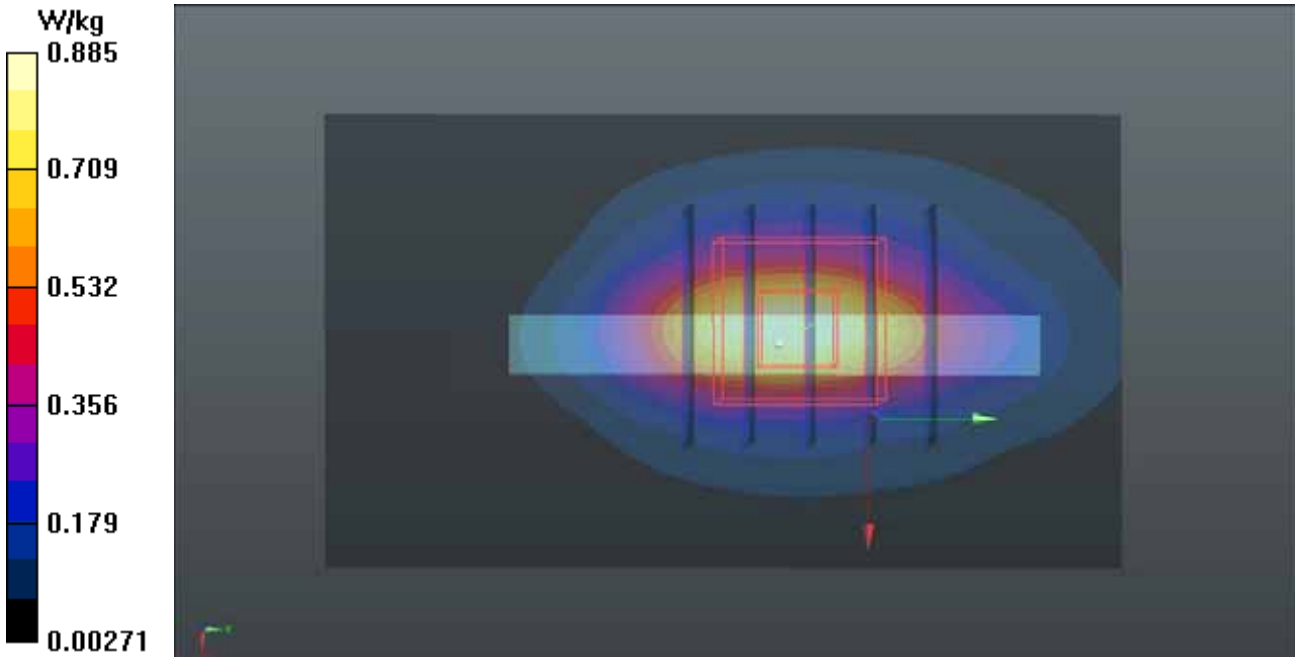
DUT: 150727C10

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B16T20N2_0906 Medium parameters used: f = 1880 MHz; σ = 1.554 S/m; ε_r = 51.042; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(7.88, 7.88, 7.88); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (151x71x1): Interpolated grid: dx=0.400 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.885 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.00 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.302 W/kg
Maximum value of SAR (measured) = 0.868 W/kg



P30 5.8G WLAN_802.11a_Left Side_1cm_Ch157

DUT: 150727C10

Communication System: WLAN_5G; Frequency: 5785 MHz;Duty Cycle: 1:1.17
Medium: B34T60N3_0825 Medium parameters used: f = 5785 MHz; σ = 6.168 S/m; ε_r = 46.384; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(4.2, 4.2, 4.2); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (321x181x1): Interpolated grid: dx=0.250 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0706 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.990 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.180 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00816 W/kg
Maximum value of SAR (measured) = 0.0644 W/kg