P389 LTE 48_QPSK20M_Left Side_10mm_Ch55780_1RB_OS0_Ant 11

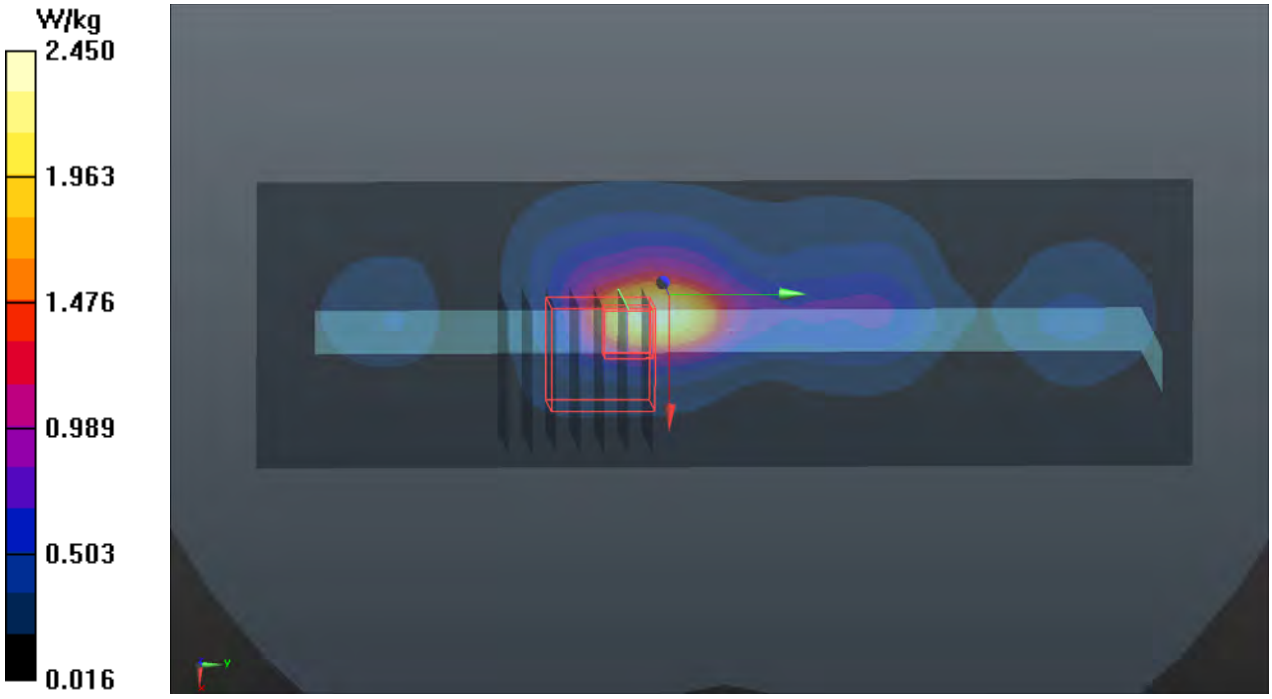
DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 3603 MHz;Duty Cycle: 1:8.33
Medium: H34T38N1_0307 Medium parameters used: f = 3603 MHz; σ = 3.016 S/m; ε_r = 36.918; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3887; ConvF(6.39, 6.39, 6.39) @ 3603 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 2.45 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 27.71 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 3.63 W/kg
SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.253 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 46.3%
Maximum value of SAR (measured) = 2.32 W/kg



P391 LTE 66_QPSK20M_Bottom Side_10mm_Ch132072_1RB_OS0_Ant 1

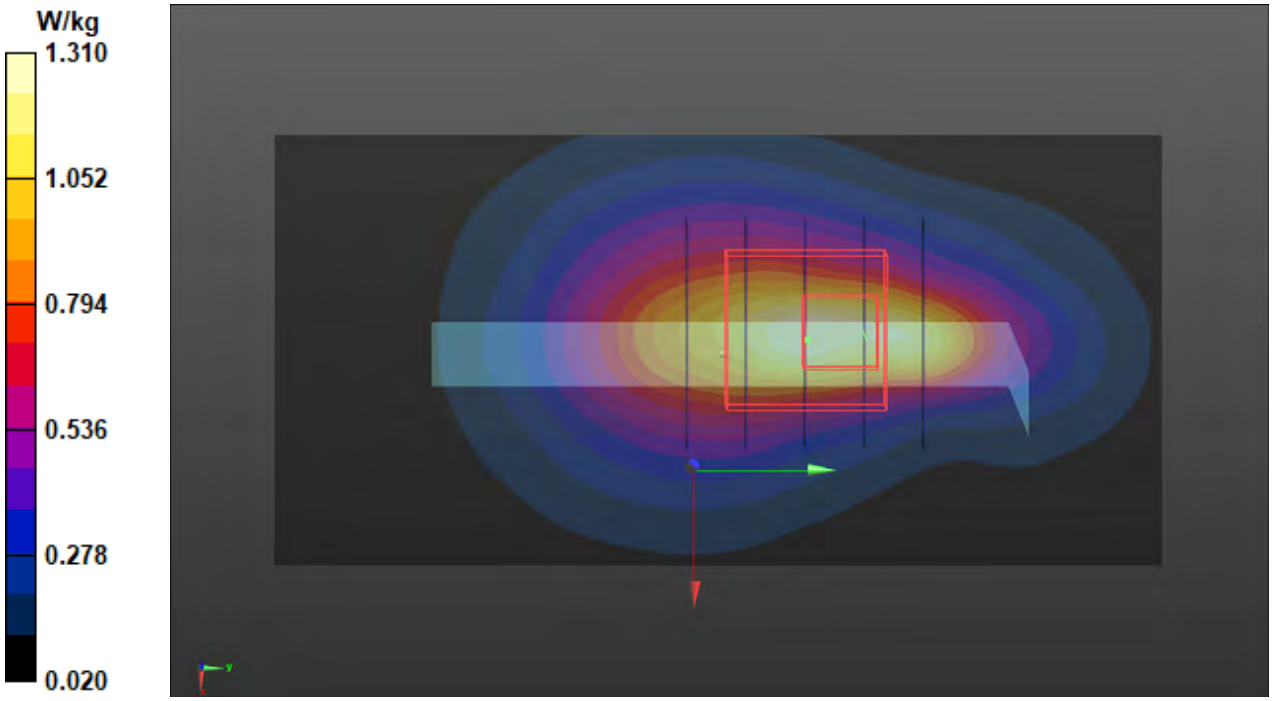
DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1720 MHz;Duty Cycle: 1:3.74
Medium: H16T20N1_0113 Medium parameters used: f = 1720 MHz; σ = 1.307 S/m; ε_r = 39.672; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(8.6, 8.6, 8.6) @ 1720 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.18 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.477 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 54.7%
Maximum value of SAR (measured) = 1.31 W/kg



P392 LTE 66_QPSK20M_Top Side_10mm_Ch132072_1RB_OS0_Ant 2

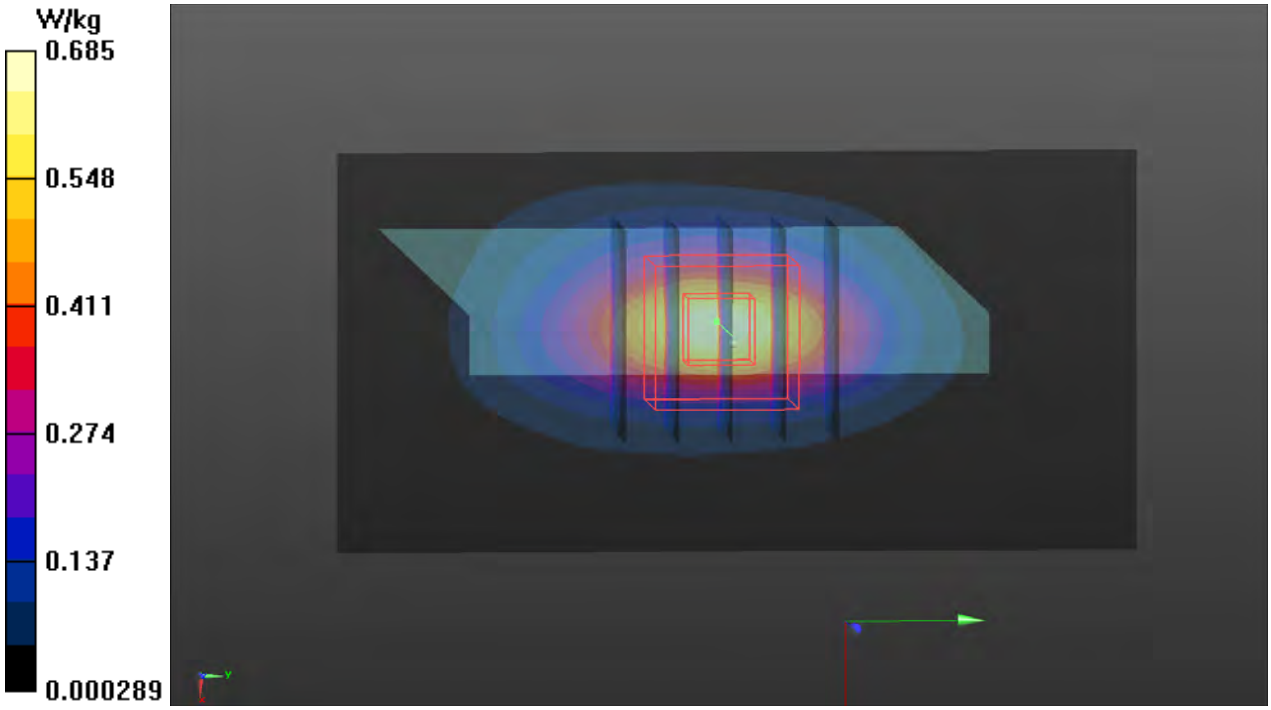
DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1720 MHz;Duty Cycle: 1:3.74
Medium: H16T20N1_0119 Medium parameters used: f = 1720 MHz; σ = 1.292 S/m; ε_r = 40.374; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7554; ConvF(8.58, 8.58, 8.58) @ 1720 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.685 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.15 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.779 W/kg
SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.233 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 57.5%
Maximum value of SAR (measured) = 0.650 W/kg



P393 LTE 66_QPSK20M_Left Side_10mm_Ch132072_1RB_OS0_Ant 8

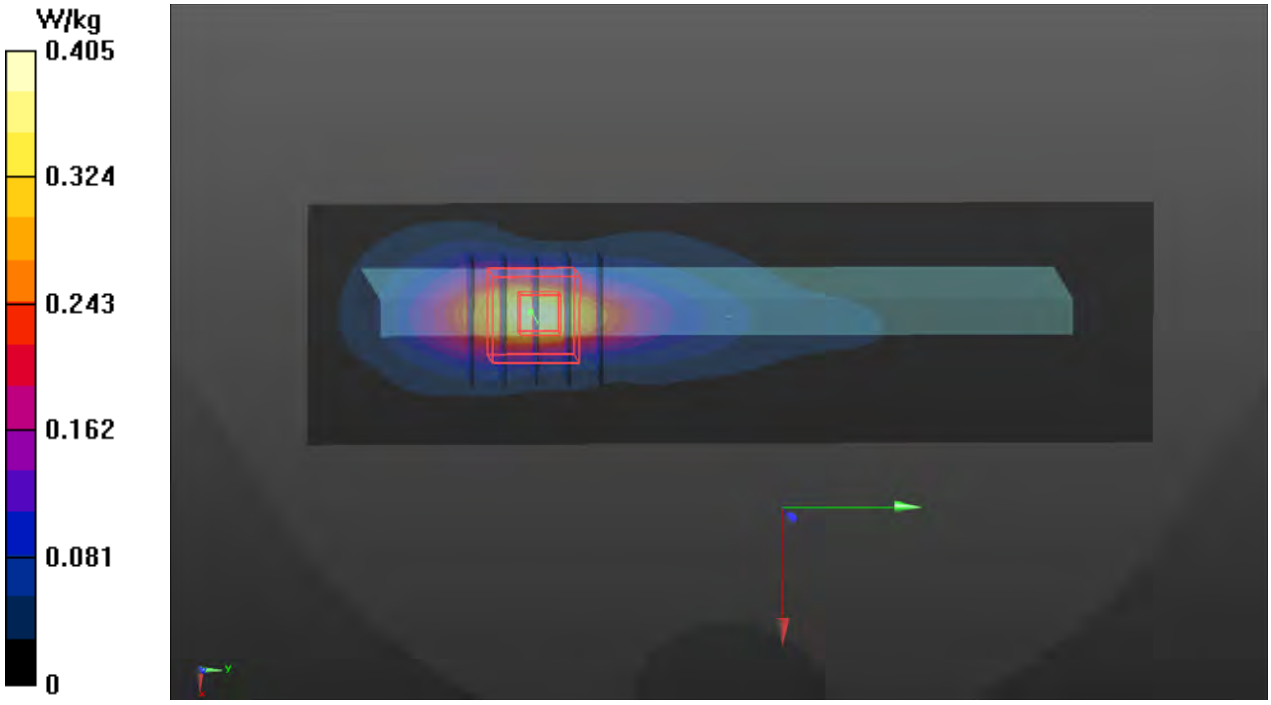
DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1720 MHz;Duty Cycle: 1:3.74
Medium: H16T20N1_0116 Medium parameters used: f = 1720 MHz; σ = 1.294 S/m; ε_r = 40.274; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃； Liquid Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7554; ConvF(8.58, 8.58, 8.58) @ 1720 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.405 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.83 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.492 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.140 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 56%
Maximum value of SAR (measured) = 0.403 W/kg



P394 LTE 66_QPSK20M_Left Side_10mm_Ch132572_1RB_OS0_Ant 9

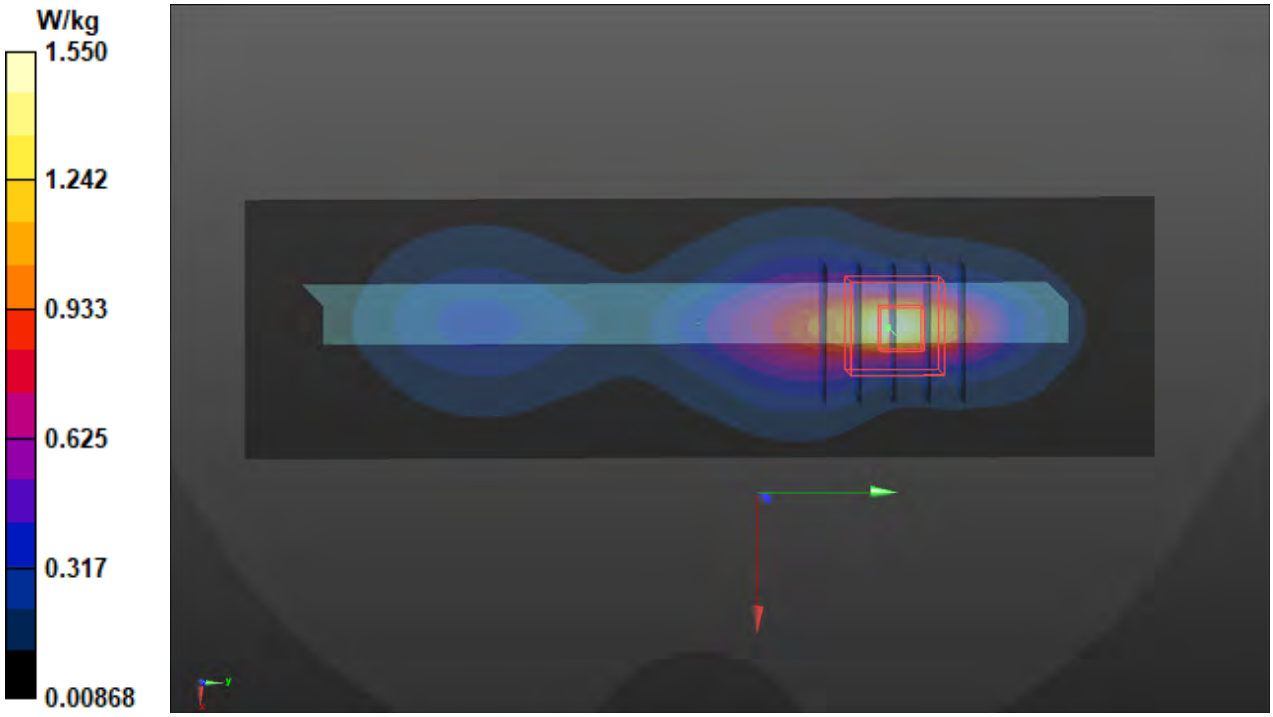
DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1770 MHz;Duty Cycle: 1:3.74
Medium: H16T20N1_0308 Medium parameters used: f = 1770 MHz; σ = 1.348 S/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.55 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.09 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.458 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 57.3%
Maximum value of SAR (measured) = 1.35 W/kg



P395 LTE 71_QPSK20M_Rear Face_10mm_Ch133222_1RB_OS0_Ant 0

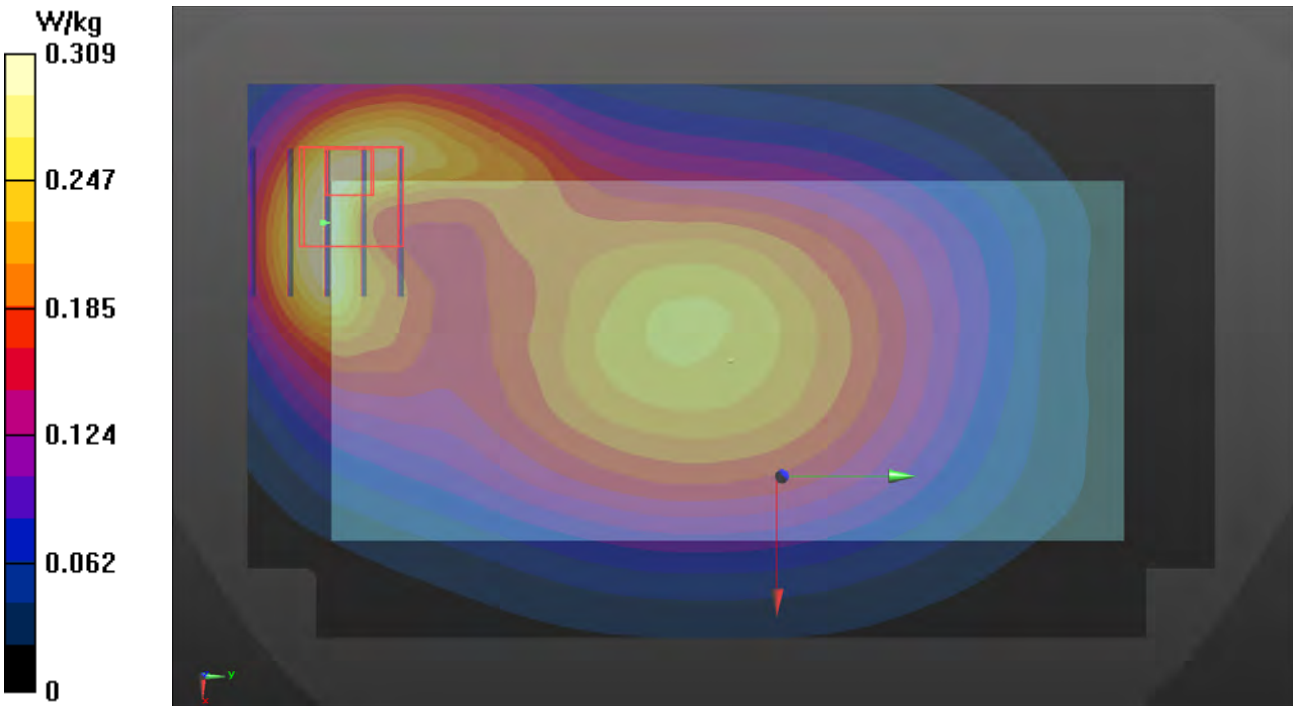
DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 673 MHz;Duty Cycle: 1:3.74
Medium: H06T09N1_0113 Medium parameters used: f = 673 MHz; σ = 0.871 S/m; ε_r = 43.171; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃ ; Liquid Temperature：23.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7350; ConvF(10.04, 10.04, 10.04) @ 673 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.309 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.57 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.368 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.133 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 14.8 mm
Ratio of SAR at M2 to SAR at M1 = 55.1%
Maximum value of SAR (measured) = 0.306 W/kg



P396 LTE 71_QPSK20M_Front Face_10mm_Ch133222_1RB_OS0_Ant 2

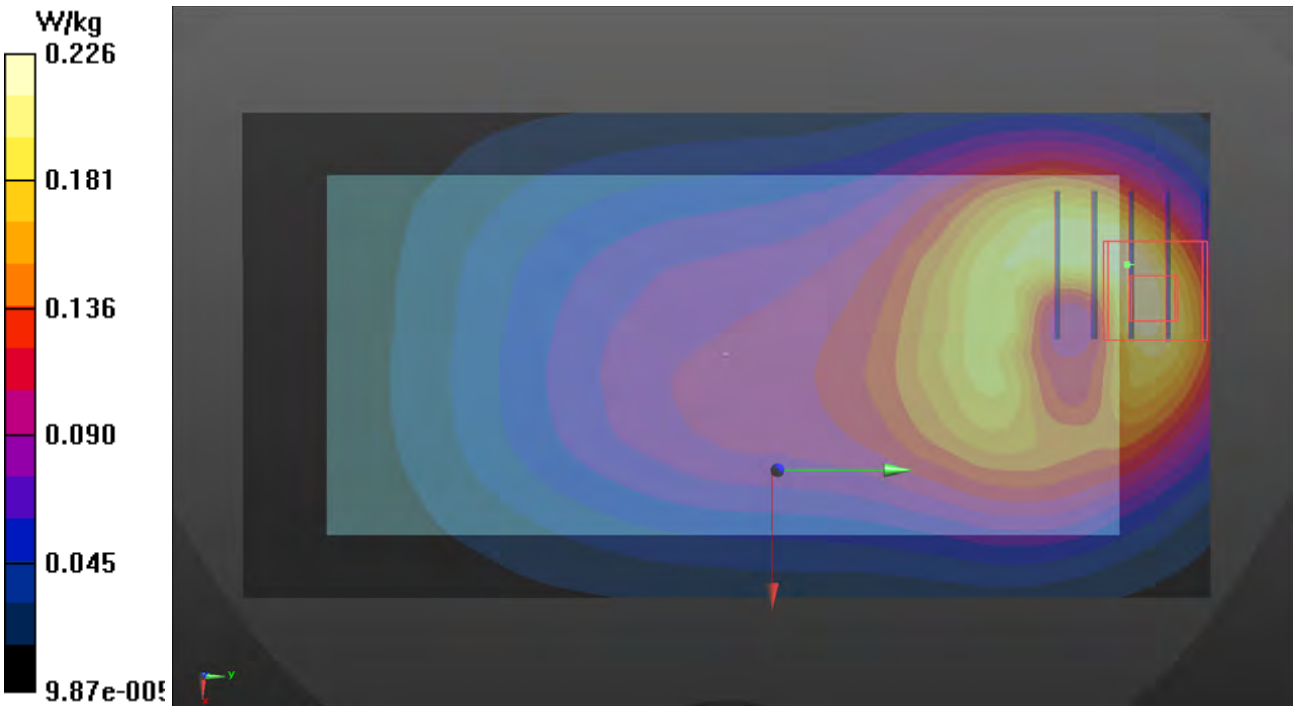
DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 673 MHz;Duty Cycle: 1:3.74
Medium: H06T09N1_0113 Medium parameters used: f = 673 MHz; σ = 0.871 S/m; ε_r = 43.171; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃ ; Liquid Temperature：23.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7350; ConvF(10.04, 10.04, 10.04) @ 673 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.226 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.62 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.092 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 11.5 mm
Ratio of SAR at M2 to SAR at M1 = 55.7%
Maximum value of SAR (measured) = 0.223 W/kg



P397 5GNR-n2_QPSK20M_Bottom Side_10mm_Ch380000_1RB_OS1_Ant 1

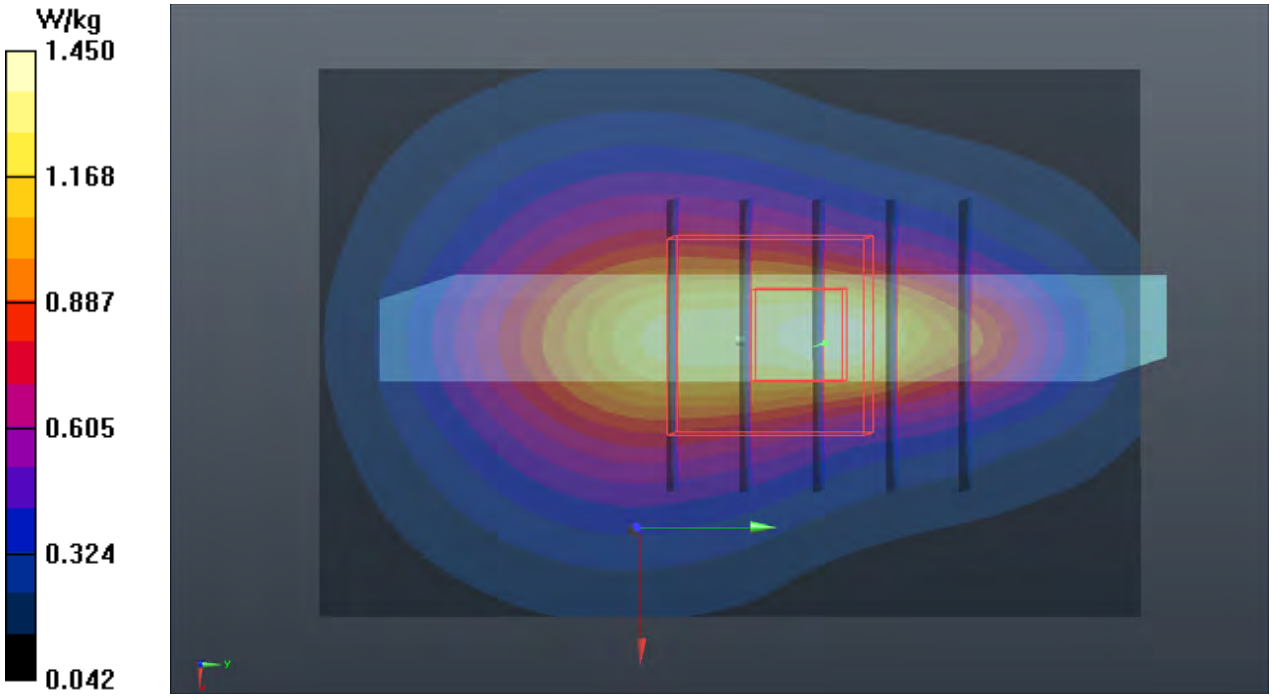
DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1900 MHz;Duty Cycle: 1:3.56
Medium: H16T20N1_0306 Medium parameters used: f = 1900 MHz; σ = 1.451 S/m; ε_r = 39.308; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3887; ConvF(7.98, 7.98, 7.98) @ 1900 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.45 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.81 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.502 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 53.8%
Maximum value of SAR (measured) = 1.42 W/kg



P398 5GNR-n2_DFT-S_QPSK20M_Top Side_10mm_Ch380000_1RB_OS1_Ant 2

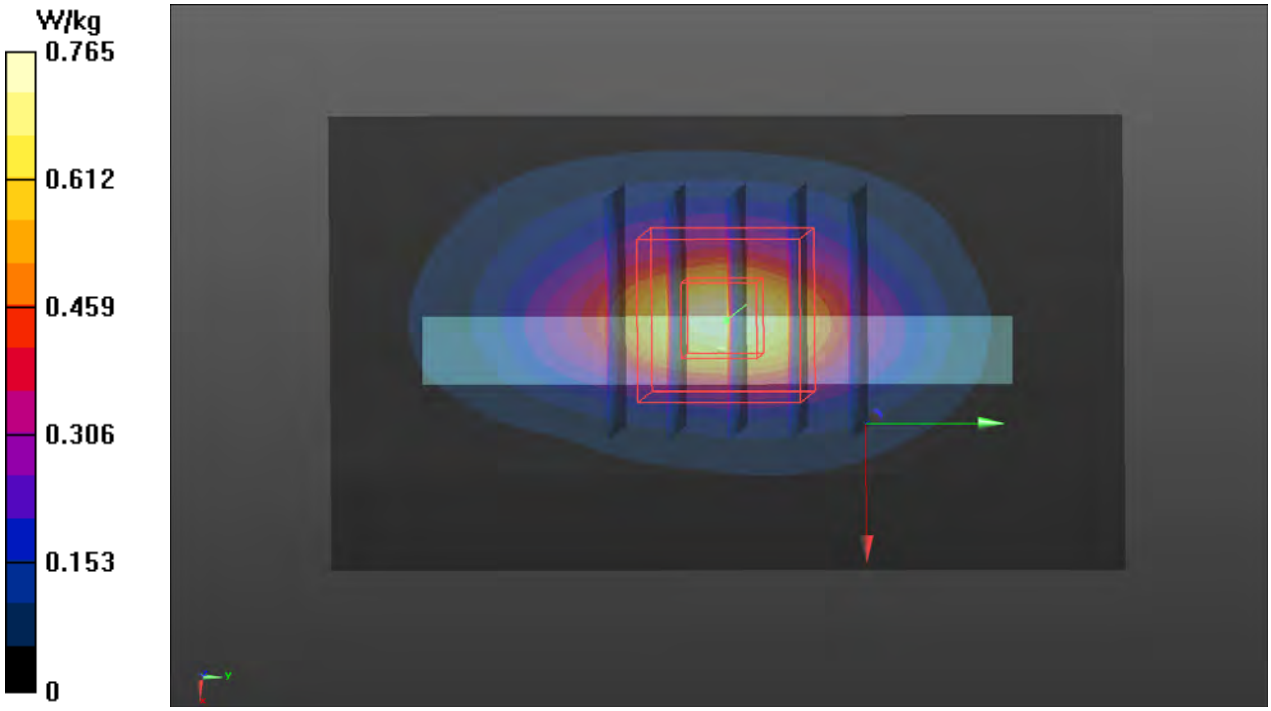
DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1900 MHz;Duty Cycle: 1:3.56
Medium: H16T20N1_0123 Medium parameters used: f = 1900 MHz; σ = 1.453 S/m; ε_r = 39.346; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1900 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.765 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.09 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.879 W/kg
SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.234 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 54.8%
Maximum value of SAR (measured) = 0.730 W/kg



P399 5GNR-n2_DFT-S QPSK20M_Left Side_10mm_Ch380000_1RB_0S1_Ant 8

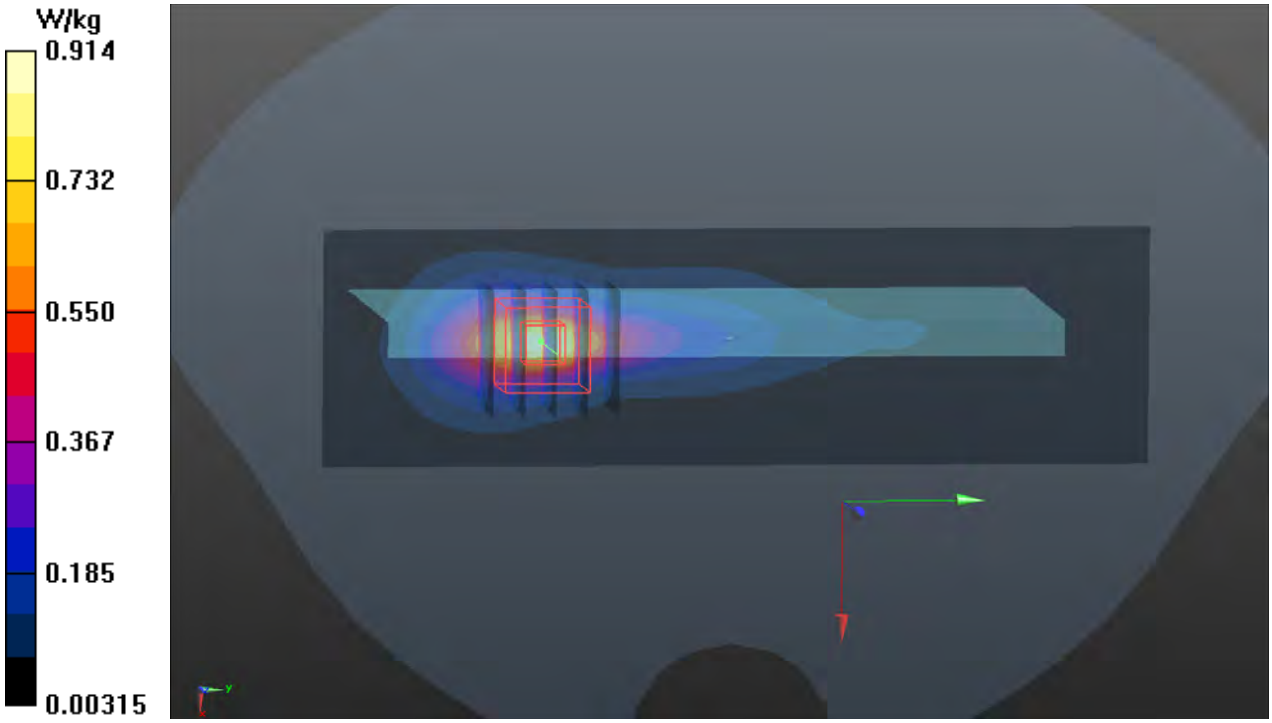
DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1900 MHz;Duty Cycle: 1:3.56
Medium: H16T20N1_0123 Medium parameters used: f = 1900 MHz; σ = 1.464 S/m; ε_r = 38.164; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.35, 8.35, 8.35) @ 1900 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.914 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.95 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.288 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 55.4%
Maximum value of SAR (measured) = 0.899 W/kg



P400 5GNR-n2_QPSK20M_Left Side_10mm_Ch372000_1RB_OS1_Ant 9

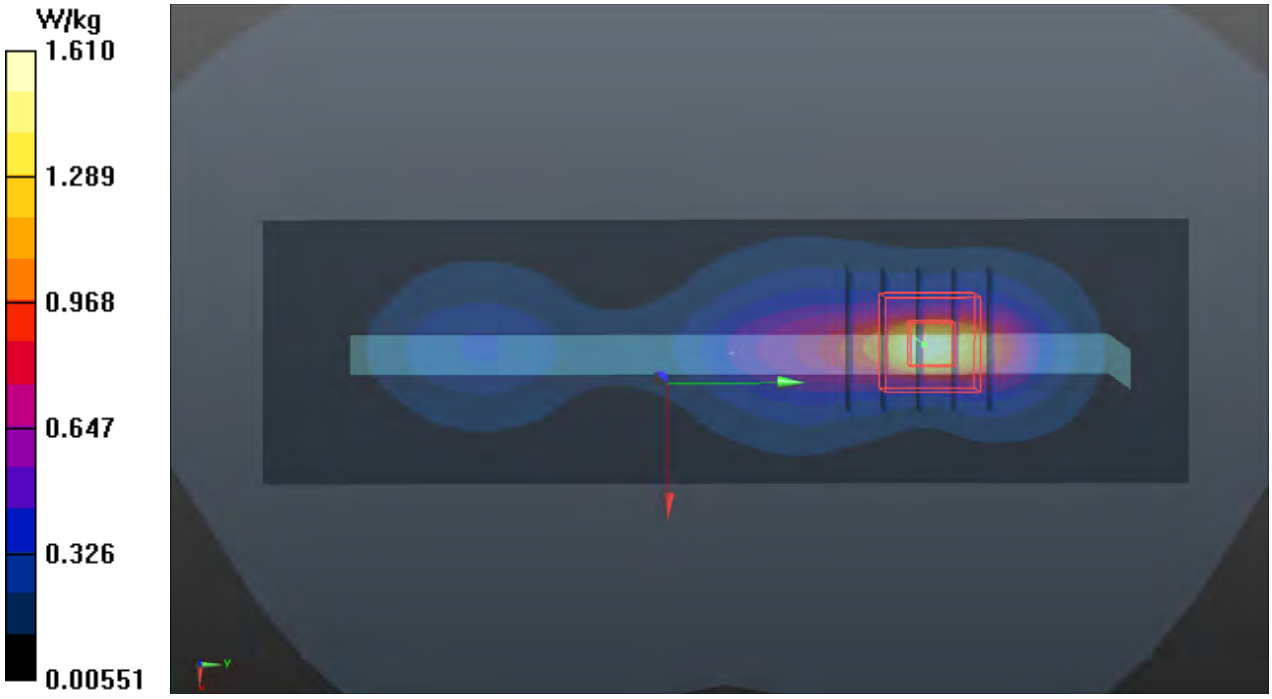
DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1860 MHz;Duty Cycle: 1:3.56
Medium: H16T20N1_0306 Medium parameters used: f = 1860 MHz; σ = 1.418 S/m; ε_r = 39.442; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3887; ConvF(7.98, 7.98, 7.98) @ 1860 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.61 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.56 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.466 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 51.7%
Maximum value of SAR (measured) = 1.59 W/kg



P401 5GNR-n5_DFT-S_QPSK20M_Rear Face_10mm_Ch167800_1RB_OS1_Ant 0

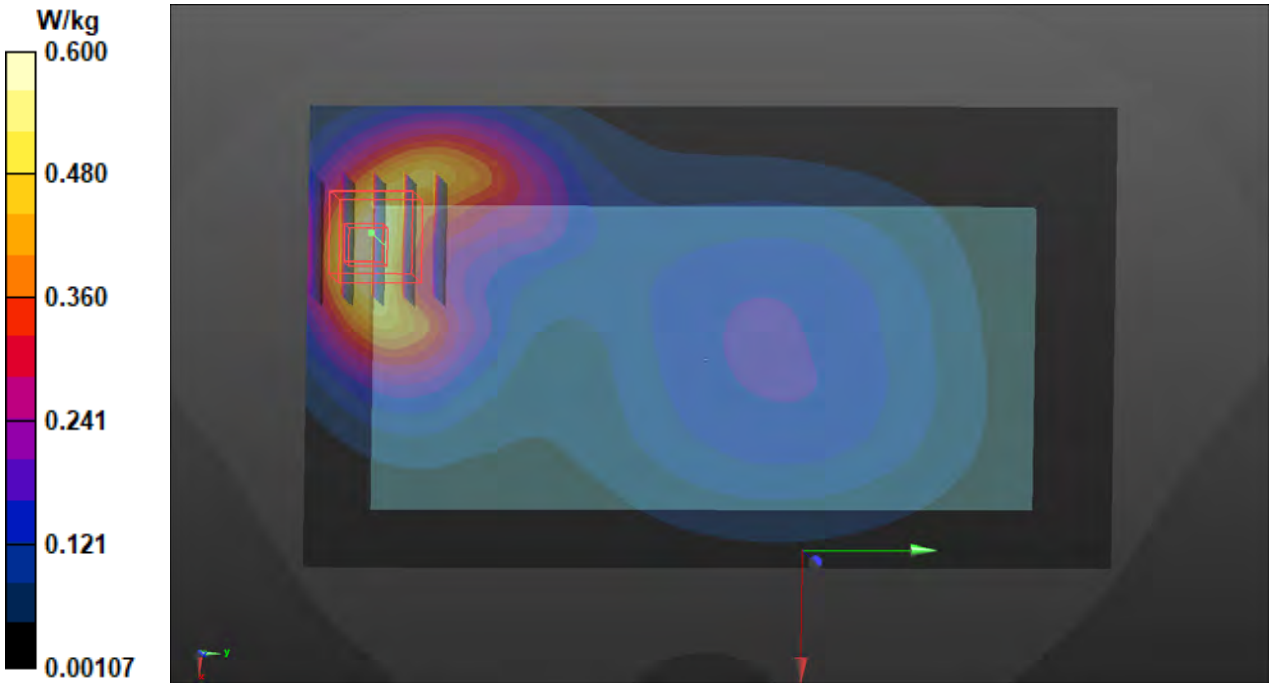
DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 839 MHz;Duty Cycle: 1:3.56
Medium: H07T10N1_0122 Medium parameters used: f = 839 MHz; σ = 0.932 S/m; ε_r = 41.978; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(9.69, 9.69, 9.69) @ 839 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.600 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.29 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.724 W/kg
SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.232 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12.9 mm
Ratio of SAR at M2 to SAR at M1 = 54.4%
Maximum value of SAR (measured) = 0.604 W/kg



P402 5GNR-n5_DFT-S QPSK20M_Front Face_10mm_Ch167300_1RB_OS1_Ant 2

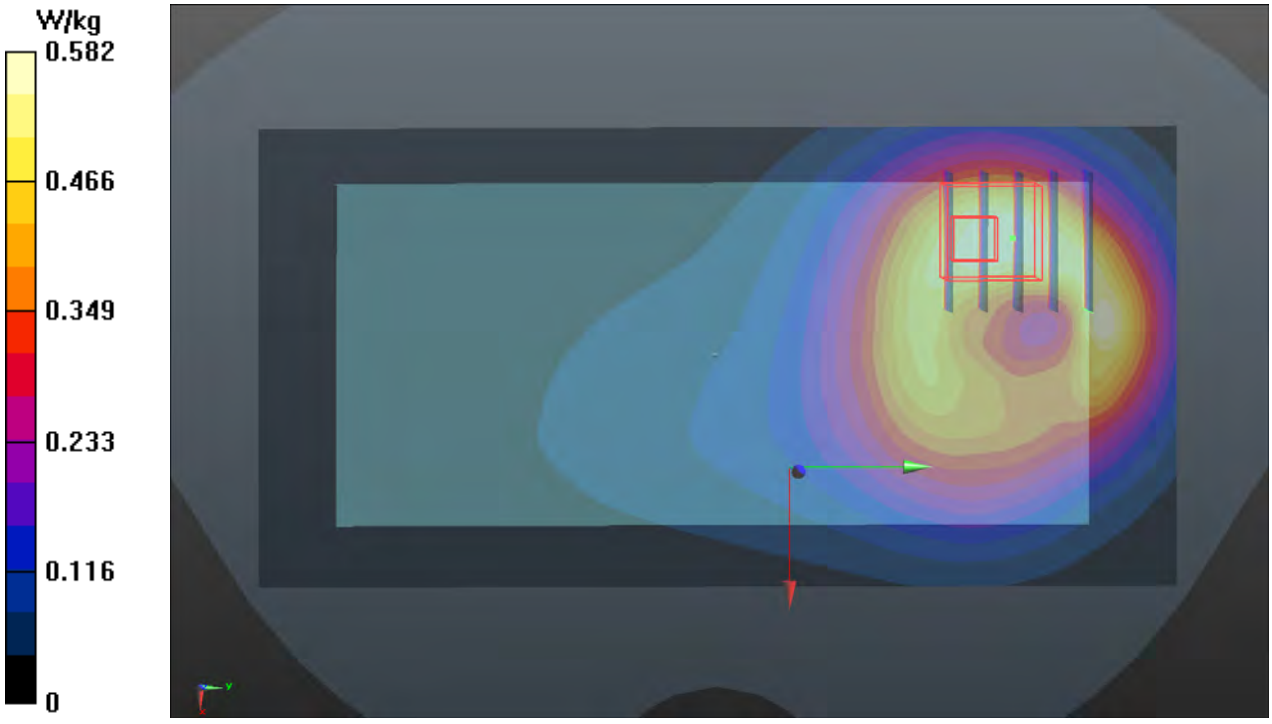
DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz;Duty Cycle: 1:3.56
Medium: H07T10N1_0120 Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.921 S/m; ε_r = 42.991; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.11, 10.11, 10.11) @ 836.5 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.582 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.46 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.800 W/kg
SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.247 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 57.7%
Maximum value of SAR (measured) = 0.655 W/kg



P1301 5GNR-n7_DFT-S_QPSK50M_Bottom Side_10mm_Ch505000_1RB_OS1_Ant 1

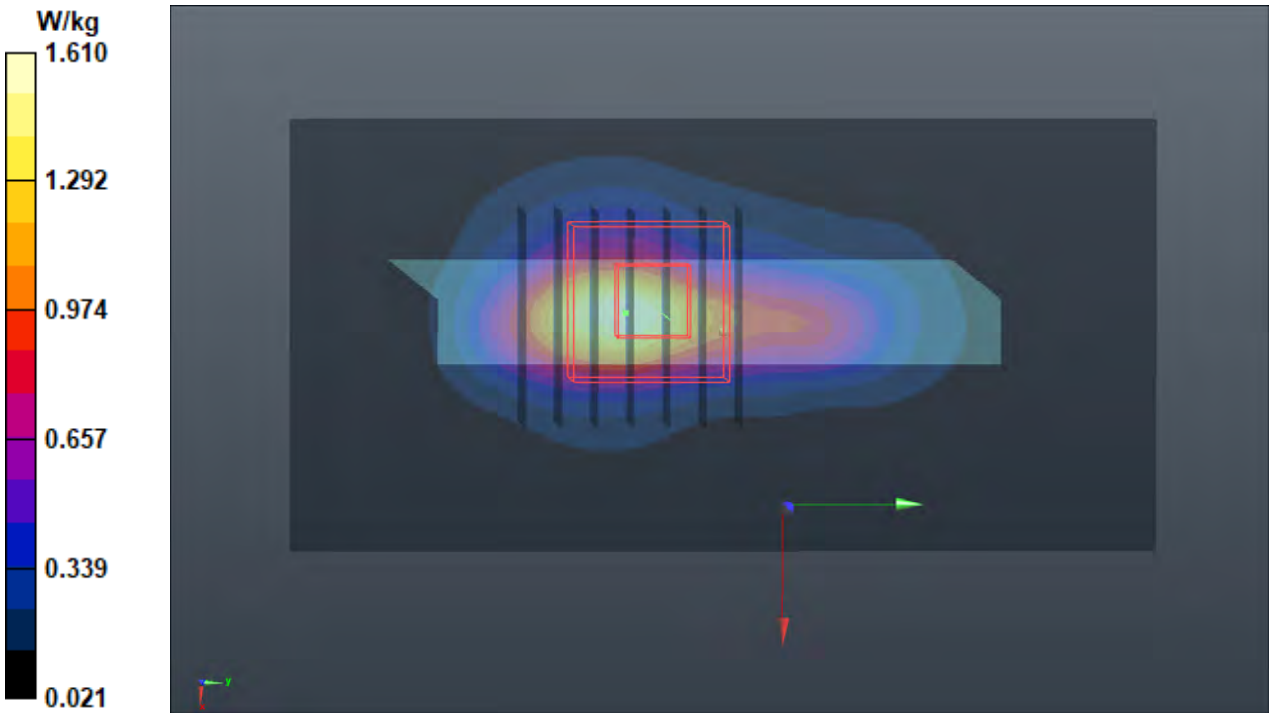
DUT: BFLF-WTW-P20120540

Communication System: UID 10935 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz); Frequency: 2525 MHz;Duty Cycle: 1:3.56
Medium: H19T27N1_0311 Medium parameters used (interpolated): f = 2525 MHz; σ = 1.953 S/m; ε_r = 38.832; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2525 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.61 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.44 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.552 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 11 mm
Ratio of SAR at M2 to SAR at M1 = 53.3%
Maximum value of SAR (measured) = 1.65 W/kg



P1302 5GNR-n7_DFT-S QPSK50M_Top Side_10mm_Ch505000_1RB_OS1_Ant 2

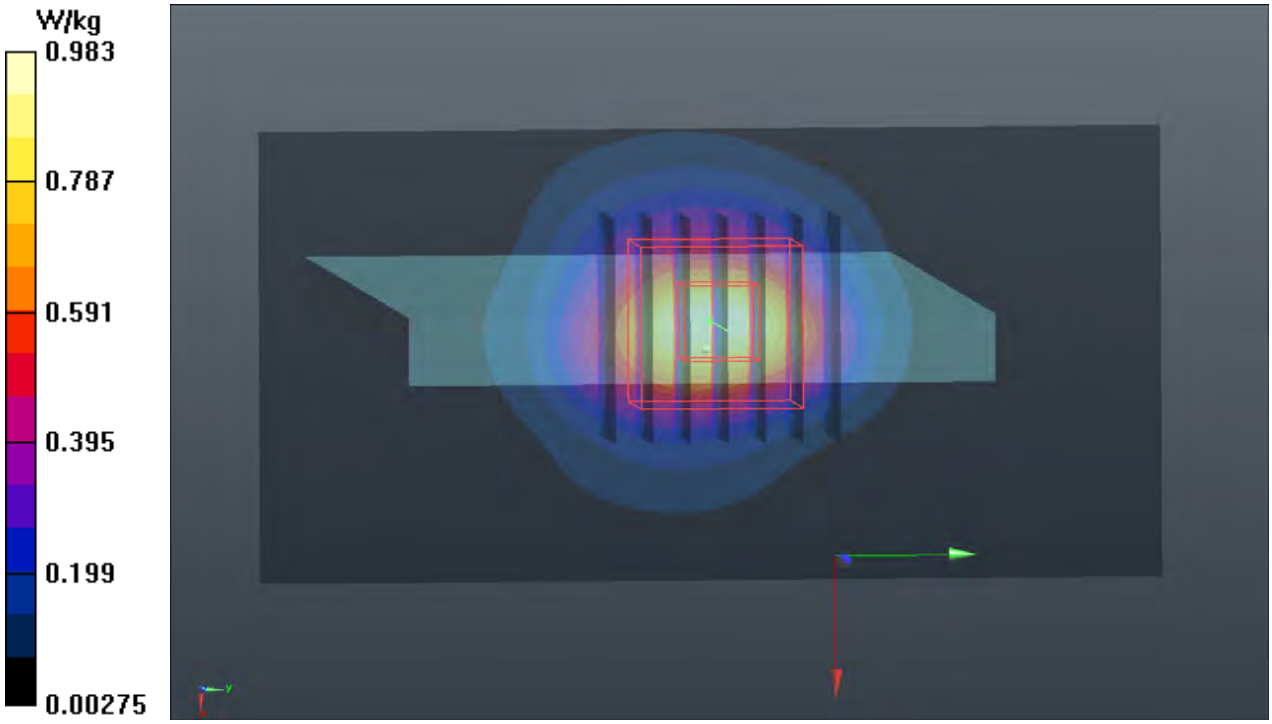
DUT: BFLF-WTW-P20120540

Communication System: UID 10935 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz); Frequency: 2525 MHz;Duty Cycle: 1:3.56
Medium: H19T27N1_0311 Medium parameters used (interpolated): f = 2525 MHz; σ = 1.953 S/m; ε_r = 38.832; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2525 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.983 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.30 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.274 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 50.6%
Maximum value of SAR (measured) = 0.930 W/kg



P1303 5GNR-n7_DFT-S_QPSK50M_Left Side_10mm_Ch505000_1RB_OS1_Ant 8

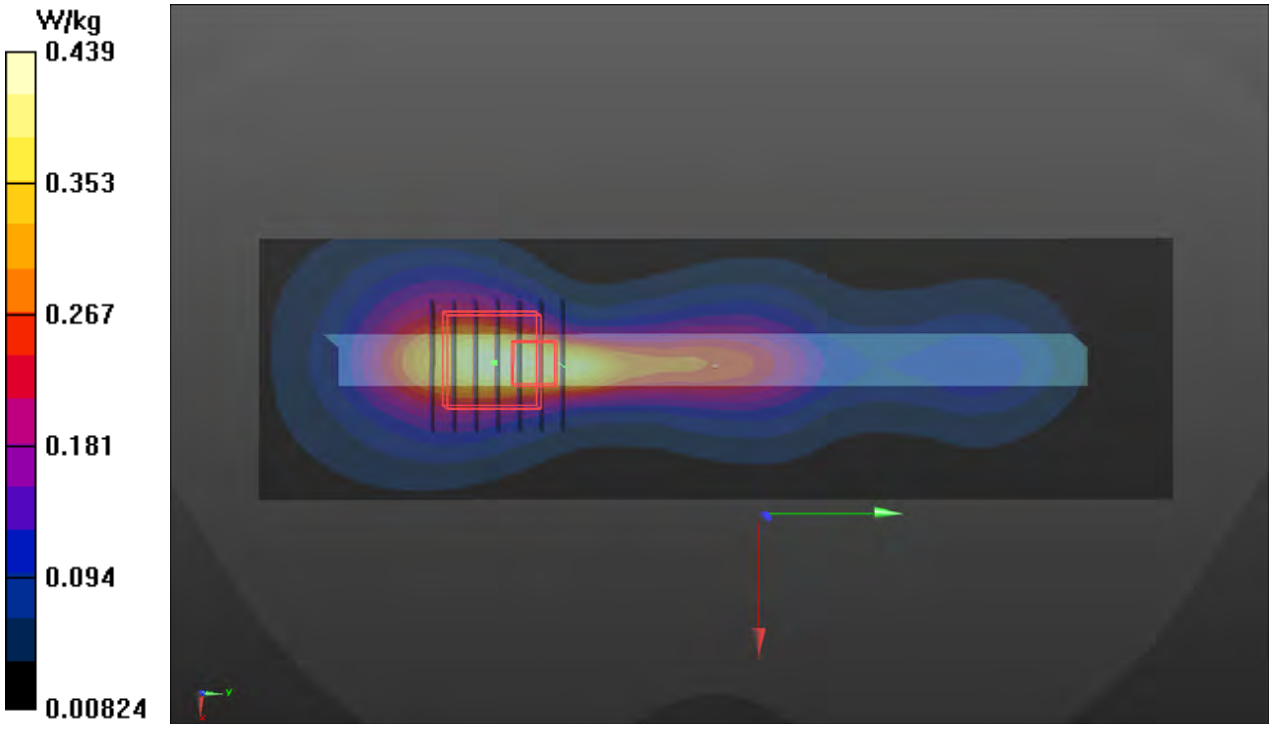
DUT: BFLF-WTW-P20120540

Communication System: UID 10935 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz); Frequency: 2525 MHz;Duty Cycle: 1:3.56
Medium: H19T27N1_0311 Medium parameters used (interpolated): f = 2525 MHz; σ = 1.953 S/m; ε_r = 38.832; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2525 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.439 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.51 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.562 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.132 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 45.6%
Maximum value of SAR (measured) = 0.440 W/kg



P1304 5GNR-n7_QPSK50M_Left Side_10mm_Ch509000_1RB_OS1_Ant 9

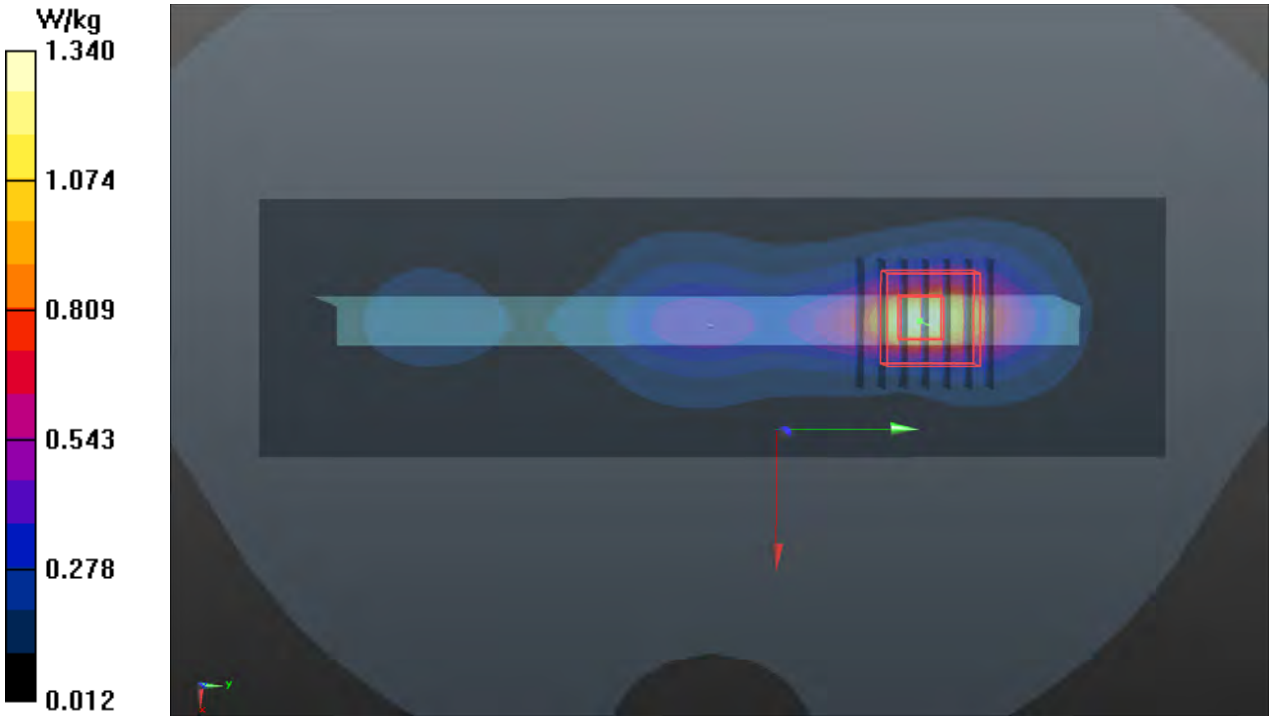
DUT: BFLF-WTW-P20120540

Communication System: UID 10935 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz); Frequency: 2545 MHz;Duty Cycle: 1:3.56
Medium: H19T27N1_0311 Medium parameters used (interpolated): f = 2545 MHz; σ = 1.97 S/m; ε_r = 38.729; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2545 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.34 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.06 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.339 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 47.5%
Maximum value of SAR (measured) = 1.32 W/kg



P403 5GNR-n7_QPSK40M_Bottom Side_10mm_Ch504000_1RB_OS1_Ant 1

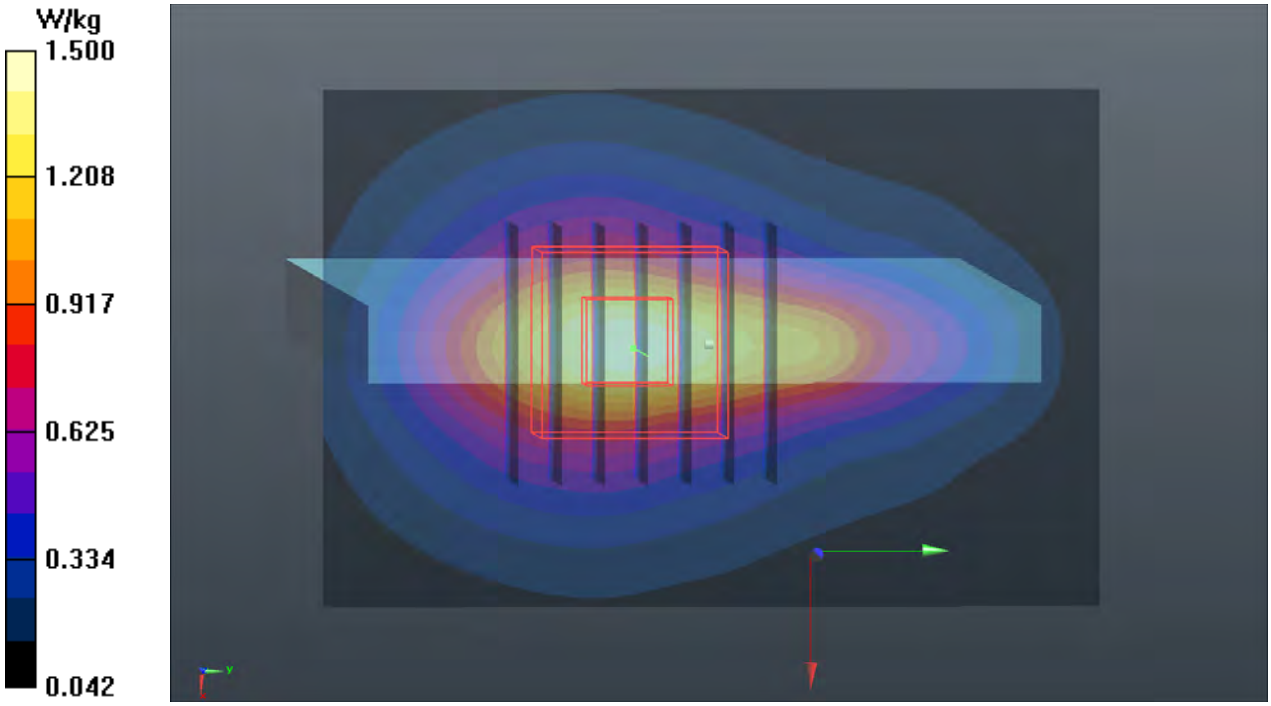
DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2520 MHz;Duty Cycle: 1:3.56
Medium: H19T27N1_0306 Medium parameters used: f = 2520 MHz; σ = 1.948 S/m; ε_r = 39.06; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃ ； Liquid Temperature：23.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3887; ConvF(7.21, 7.21, 7.21) @ 2520 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.50 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.98 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.43 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 52.1%
Maximum value of SAR (measured) = 1.46 W/kg



P404 5GNR-n7_DFT-S QPSK40M_Top Side_10mm_Ch504000_1RB_OS1_Ant 2

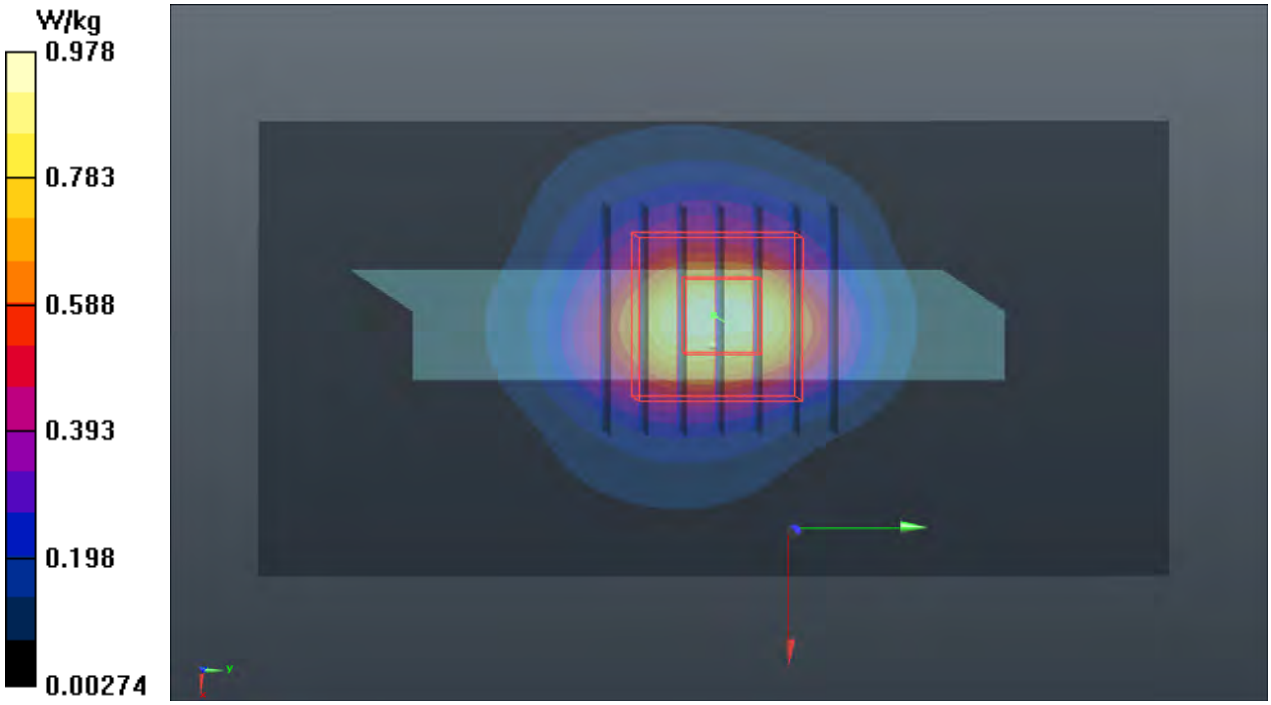
DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2520 MHz;Duty Cycle: 1:3.56
Medium: H19T27N1_0128 Medium parameters used: f = 2520 MHz; σ = 1.948 S/m; ε_r = 37.685; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2520 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.978 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.29 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.269 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 50.6%
Maximum value of SAR (measured) = 0.926 W/kg



P405 5GNR-n7_DFT-S_QPSK40M_Left Side_10mm_Ch504000_1RB_OS1_Ant 8

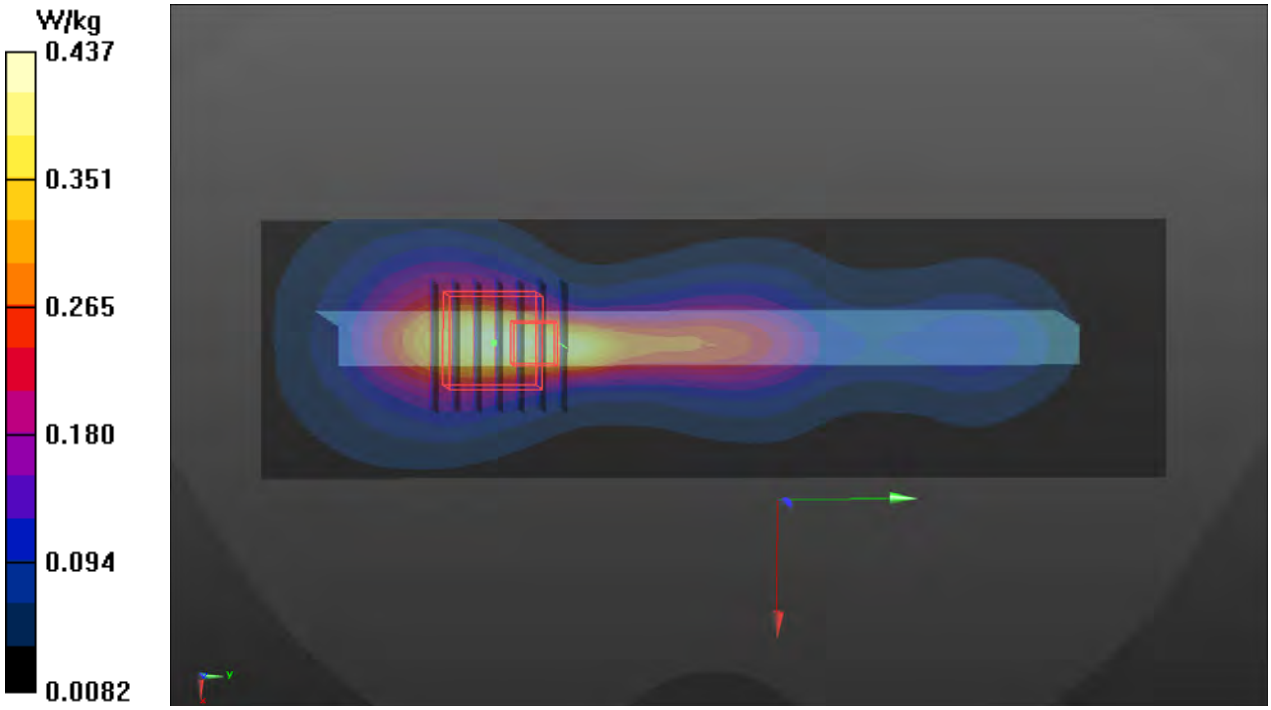
DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2520 MHz;Duty Cycle: 1:3.56
Medium: H19T27N1_0125 Medium parameters used: f = 2520 MHz; σ = 1.927 S/m; ε_r = 38.457; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(7.36, 7.36, 7.36) @ 2520 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.437 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.50 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.130 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 45.6%
Maximum value of SAR (measured) = 0.438 W/kg



P406 5GNR-n7_QPSK40M_Left Side_10mm_Ch510000_1RB_OS1_Ant 9

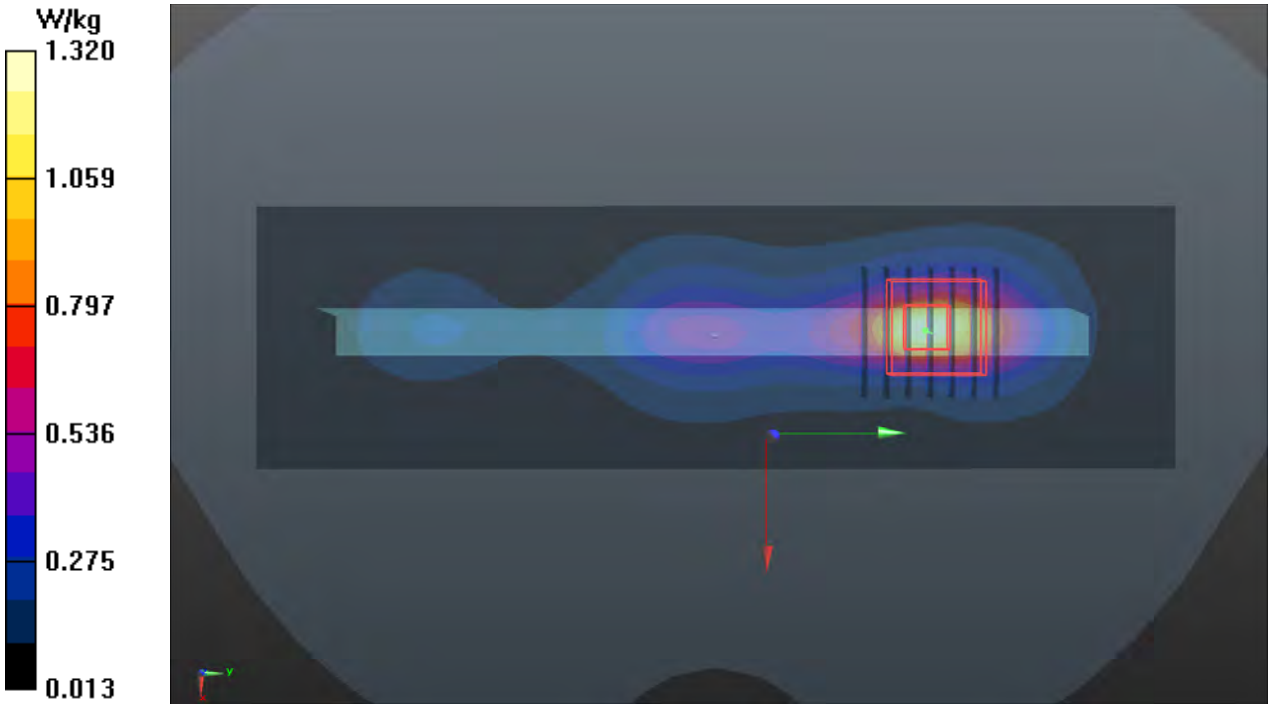
DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2550 MHz;Duty Cycle: 1:3.56
Medium: H19T27N1_0306 Medium parameters used: f = 2550 MHz; σ = 1.983 S/m; ε_r = 38.938; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：23.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3887; ConvF(7.21, 7.21, 7.21) @ 2550 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.06 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.348 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 48.3%
Maximum value of SAR (measured) = 1.32 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/01/21

P407 5GNR-n12_DFT-S_QPSK15M_Rear Face_10mm_Ch141700_1RB_OS1_Ant 0

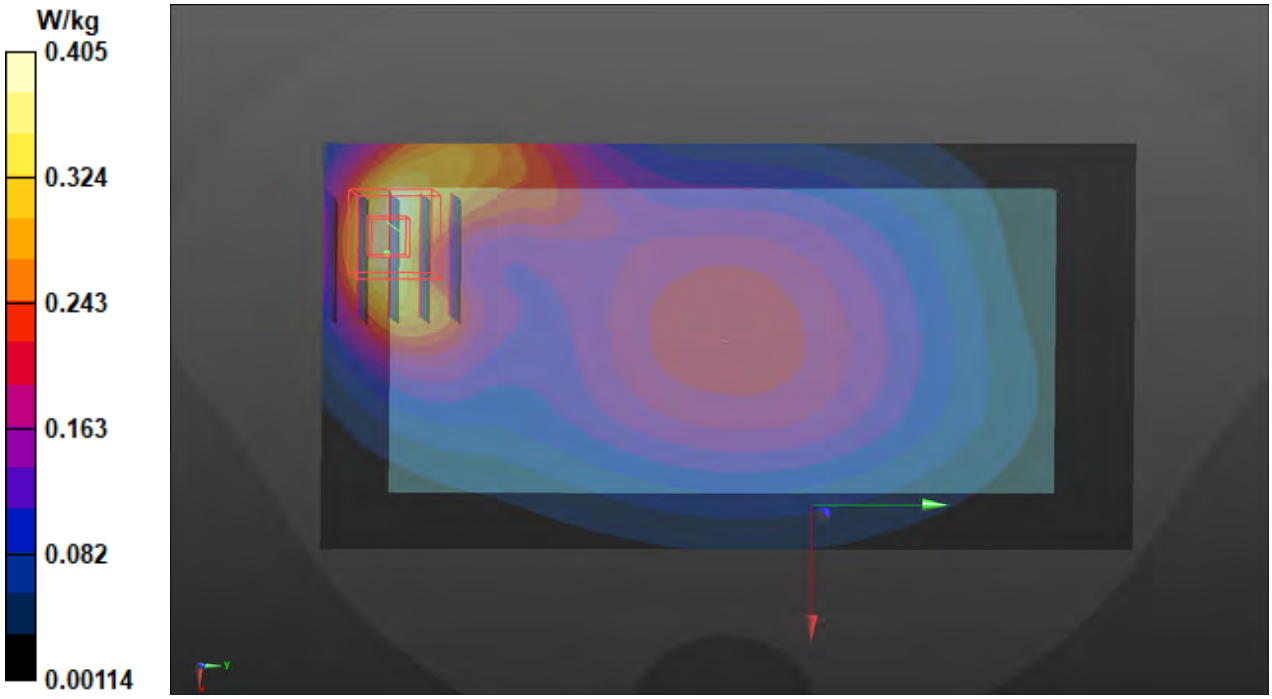
DUT: BFLF-WTW-P20120540

Communication System: UID 10930 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz); Frequency: 708.5 MHz;Duty Cycle: 1:3.56
Medium: H06T09N1_0121 Medium parameters used (interpolated): f = 708.5 MHz; σ = 0.854 S/m; ε_r = 42.933; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(10, 10, 10) @ 708.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.405 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.46 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.484 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.163 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 14.3 mm
Ratio of SAR at M2 to SAR at M1 = 54.8%
Maximum value of SAR (measured) = 0.402 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/01/21

P408 5GNR-n12_DFT-S QPSK15M_Front Face_10mm_Ch141500_1RB_OS1_Ant 2

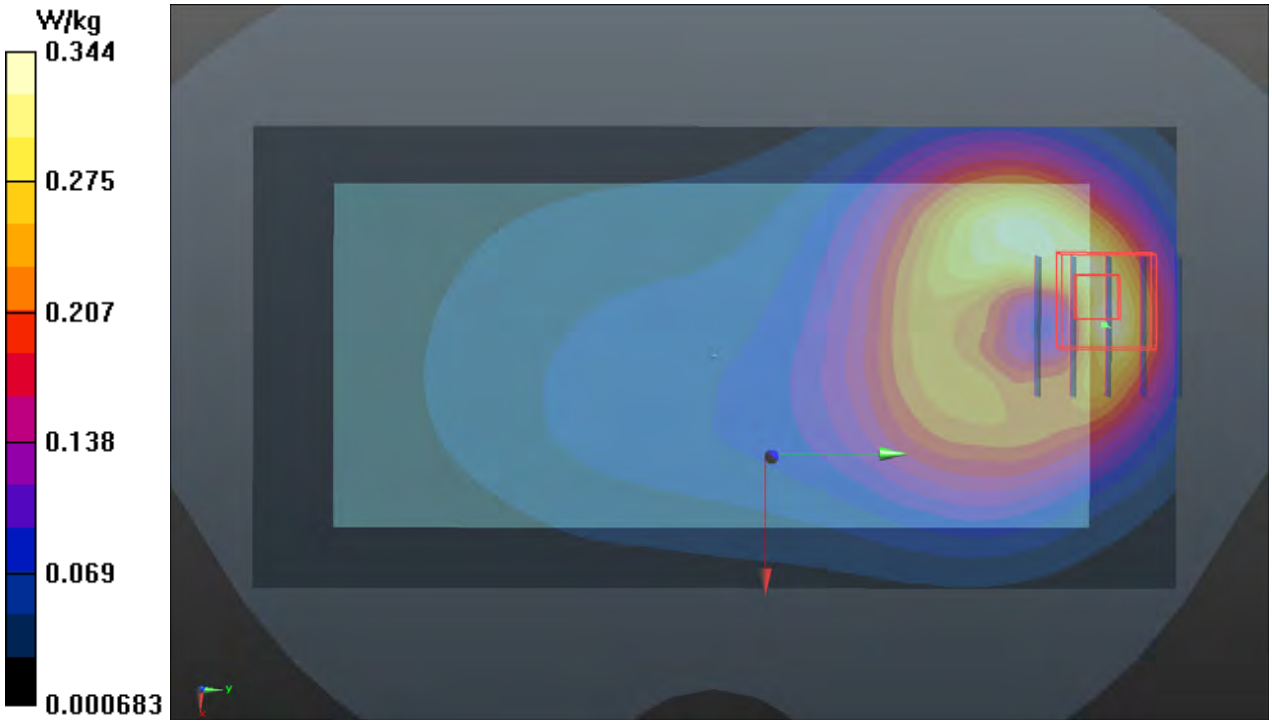
DUT: BFLF-WTW-P20120540

Communication System: UID 10930 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz); Frequency: 707.5 MHz;Duty Cycle: 1:3.56
Medium: H06T09N1_0121 Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.853 S/m; ε_r = 43.877; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.54, 10.54, 10.54) @ 707.5 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.344 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.42 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.478 W/kg
SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.147 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 56.3%
Maximum value of SAR (measured) = 0.360 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/03/19

P704 5GNR-n13_DFT-S QPSK10M_Rear Face_10mm_Ch156400_1RB_OS1_Ant 0

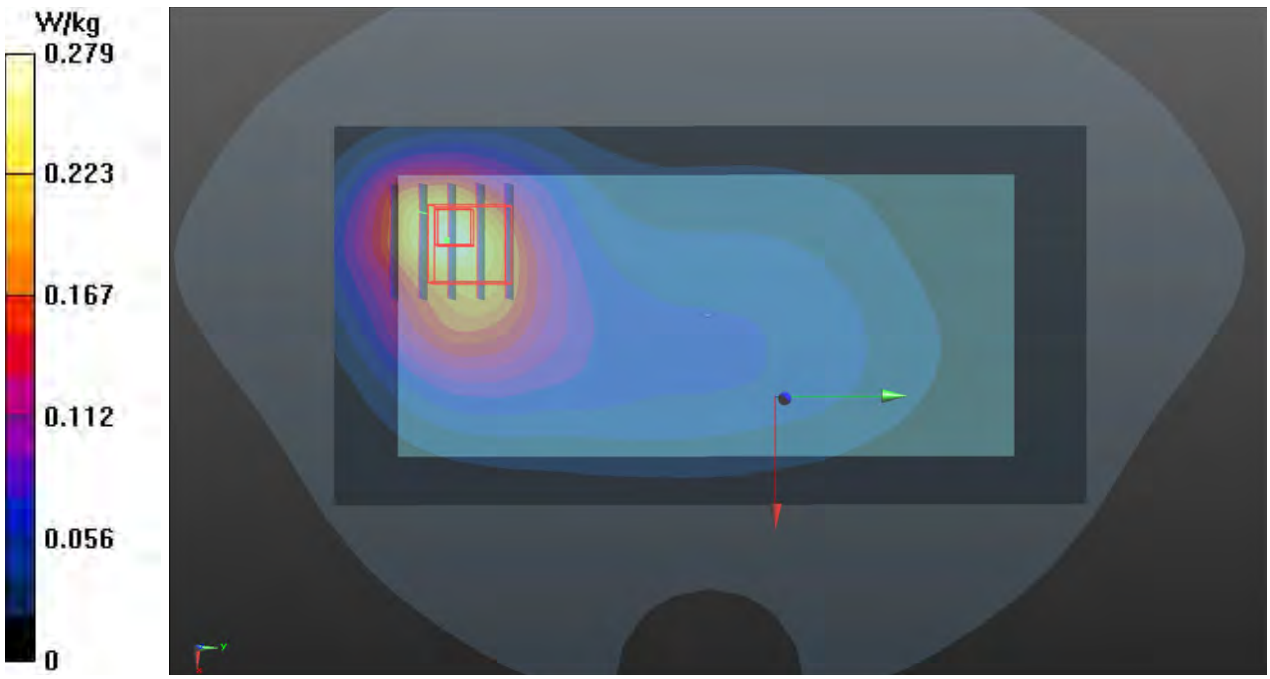
DUT: BFLF-WTW-P20120540

Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 782 MHz;Duty Cycle: 1:3.56
Medium: H06T09N1_0319 Medium parameters used: f = 782 MHz; σ = 0.924 S/m; ε_r = 42.685; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.54, 10.54, 10.54) @ 782 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.279 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.59 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.367 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.107 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 47.4%
Maximum value of SAR (measured) = 0.274 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/03/19

P705 5GNR-n13_DFT-S QPSK10M_Front Face_10mm_Ch156400_1RB_OS1_Ant 2

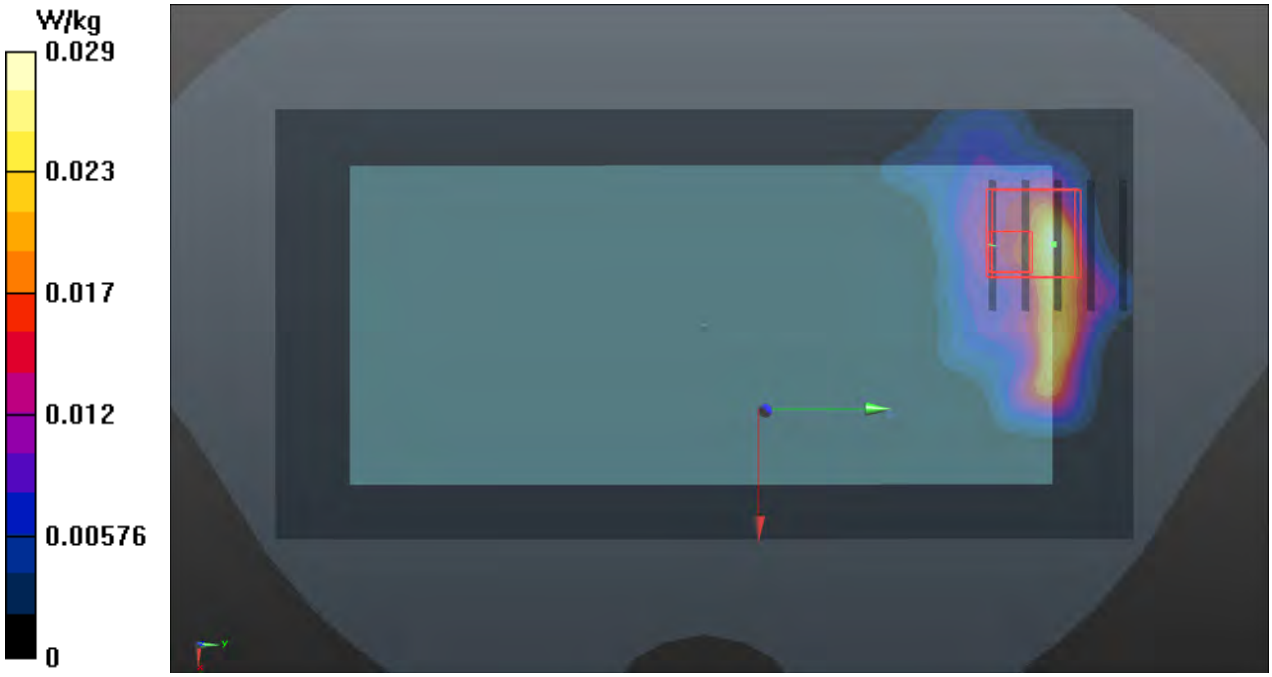
DUT: BFLF-WTW-P20120540

Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 782 MHz;Duty Cycle: 1:3.56
Medium: H06T09N1_0319 Medium parameters used: f = 782 MHz; σ = 0.924 S/m; ε_r = 42.685; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.54, 10.54, 10.54) @ 782 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0288 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.249 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.00266 W/kg
SAR(1 g) = 0.00133 W/kg; SAR(10 g) = 0.000906 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 62.4%
Maximum value of SAR (measured) = 0.00176 W/kg



P409 5GNR-n14_DFT-S_QPSK10M_Rear Face_10mm_Ch158600_1RB_OS1_Ant 0

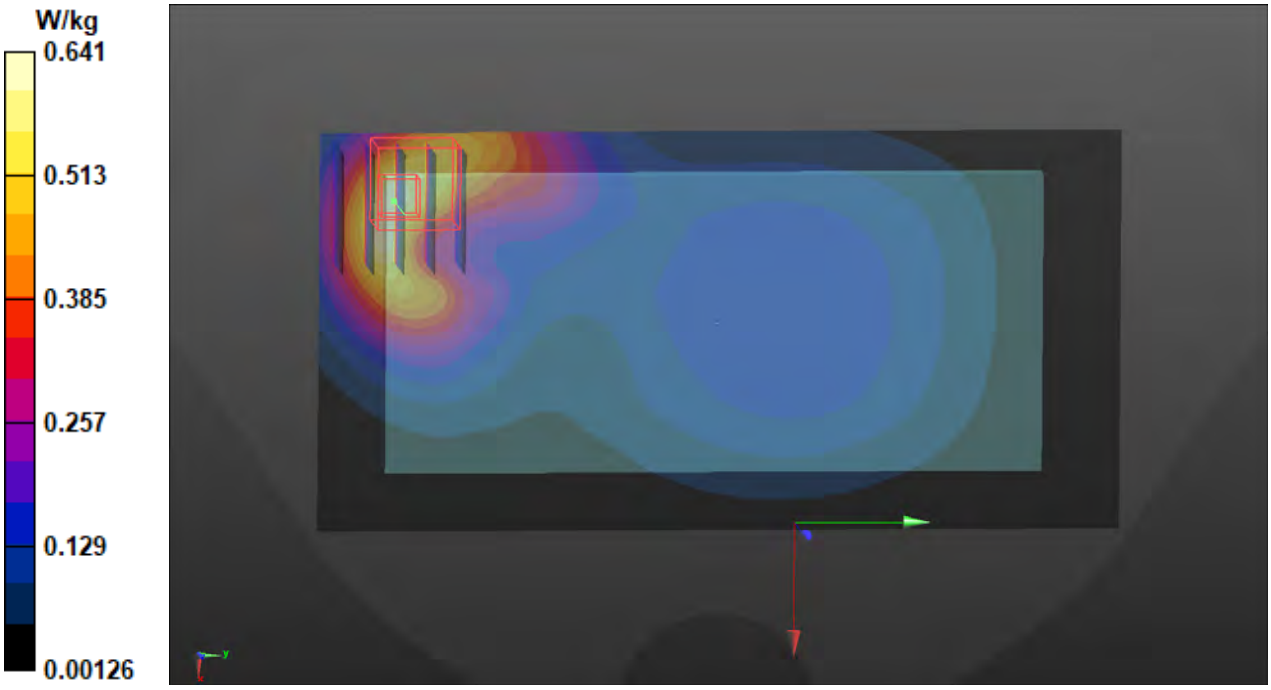
DUT: BFLF-WTW-P20120540

Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 793 MHz;Duty Cycle: 1:3.56
Medium: H06T09N1_0121 Medium parameters used: f = 793 MHz; σ = 0.939 S/m; ε_r = 42.209; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(10, 10, 10) @ 793 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.641 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.53 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.791 W/kg
SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.247 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 54.1%
Maximum value of SAR (measured) = 0.659 W/kg



P410 5GNR-n14_DFT-S QPSK10M_Front Face_10mm_Ch158600_1RB_OS1_Ant 2

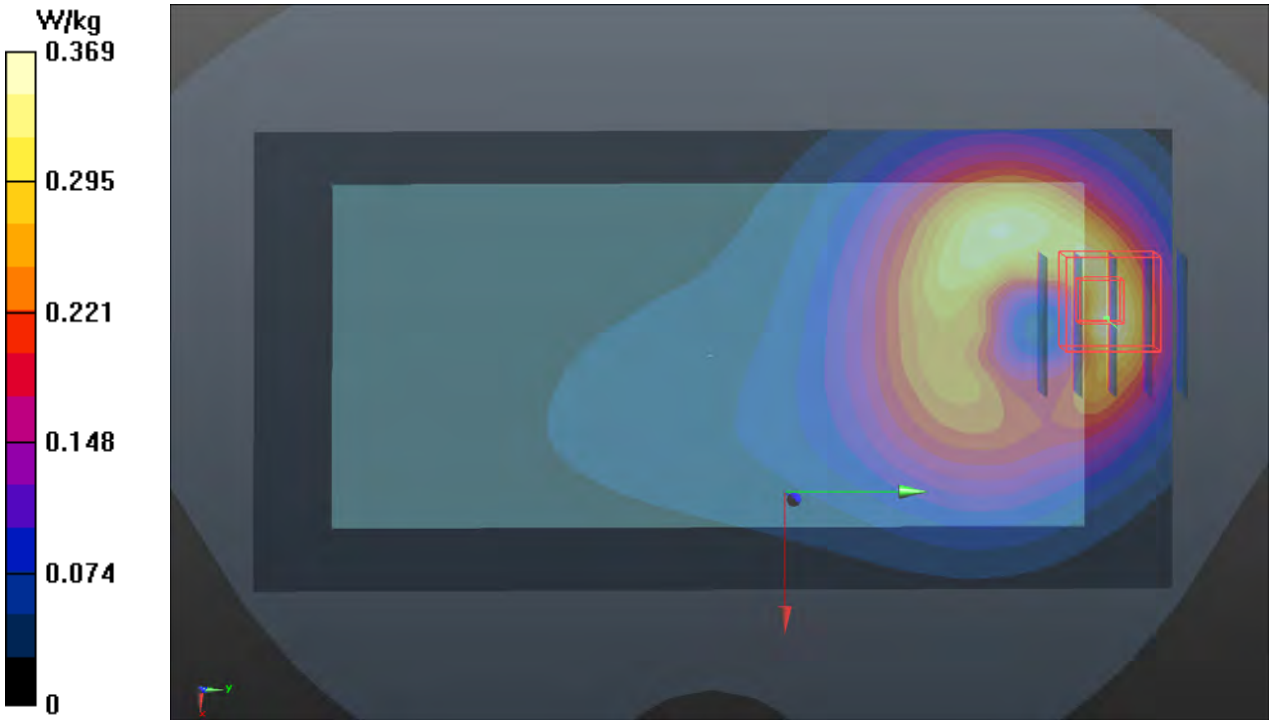
DUT: BFLF-WTW-P20120540

Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 793 MHz;Duty Cycle: 1:3.56
Medium: H06T09N1_0121 Medium parameters used: f = 793 MHz; σ = 0.931 S/m; ε_r = 42.797; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.54, 10.54, 10.54) @ 793 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.369 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.44 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.489 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.148 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 58.9%
Maximum value of SAR (measured) = 0.373 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/03/06

P411 5GNR-n25_QPSK40M_Bottom Side_10mm_Ch376500_1RB_OS1_Ant 1

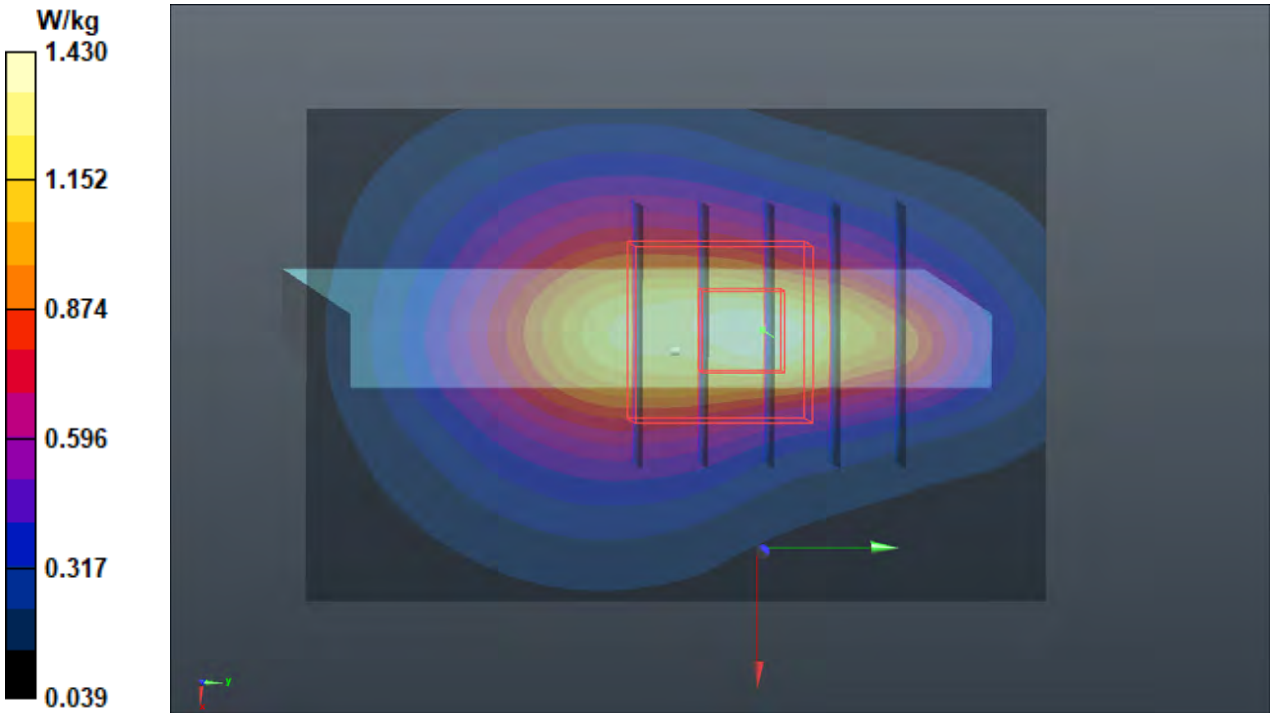
DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz;Duty Cycle: 1:3.56
Medium: H16T20N1_0306 Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.435 S/m; ε_r = 39.353; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3887; ConvF(7.98, 7.98, 7.98) @ 1882.5 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.09 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.506 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 55.3%
Maximum value of SAR (measured) = 1.38 W/kg



P412 5GNR-n25_DFT-S_QPSK40M_Top Side_10mm_Ch379000_1RB_OS1_Ant 2

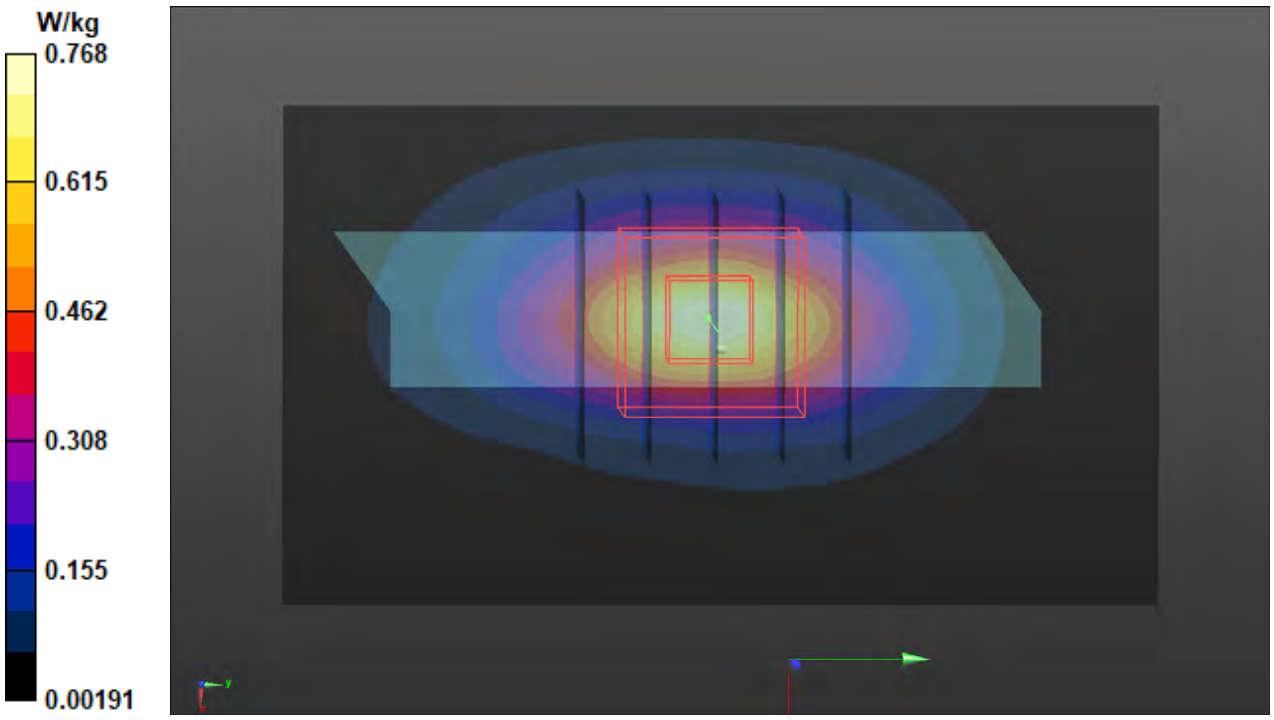
DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1895 MHz;Duty Cycle: 1:3.56
Medium: H16T20N1_0123 Medium parameters used: f = 1895 MHz; σ = 1.449 S/m; ε_r = 39.351; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1895 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.768 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.85 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.875 W/kg
SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.237 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 54.9%
Maximum value of SAR (measured) = 0.728 W/kg



P413 5GNR-n25_DFT-S QPSK40M_Left Side_10mm_Ch374000_1RB_0S1_Ant 8

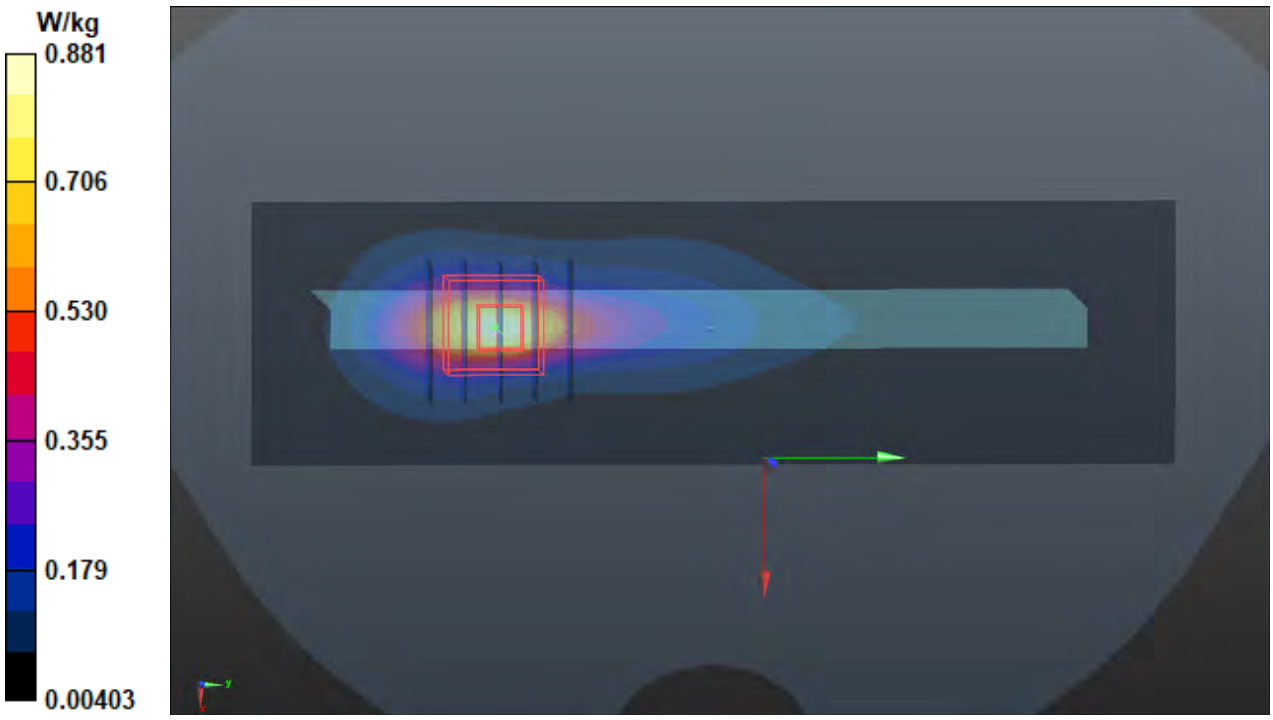
DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1870 MHz;Duty Cycle: 1:3.56
Medium: H16T20N1_0123 Medium parameters used: f = 1870 MHz; σ = 1.438 S/m; ε_r = 38.282; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.35, 8.35, 8.35) @ 1870 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.881 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.10 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.277 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.3 mm
Ratio of SAR at M2 to SAR at M1 = 55.2%
Maximum value of SAR (measured) = 0.877 W/kg



P414 5GNR-n25_QPSK40M_Left Side_10mm_Ch374000_1RB_OS1_Ant 9

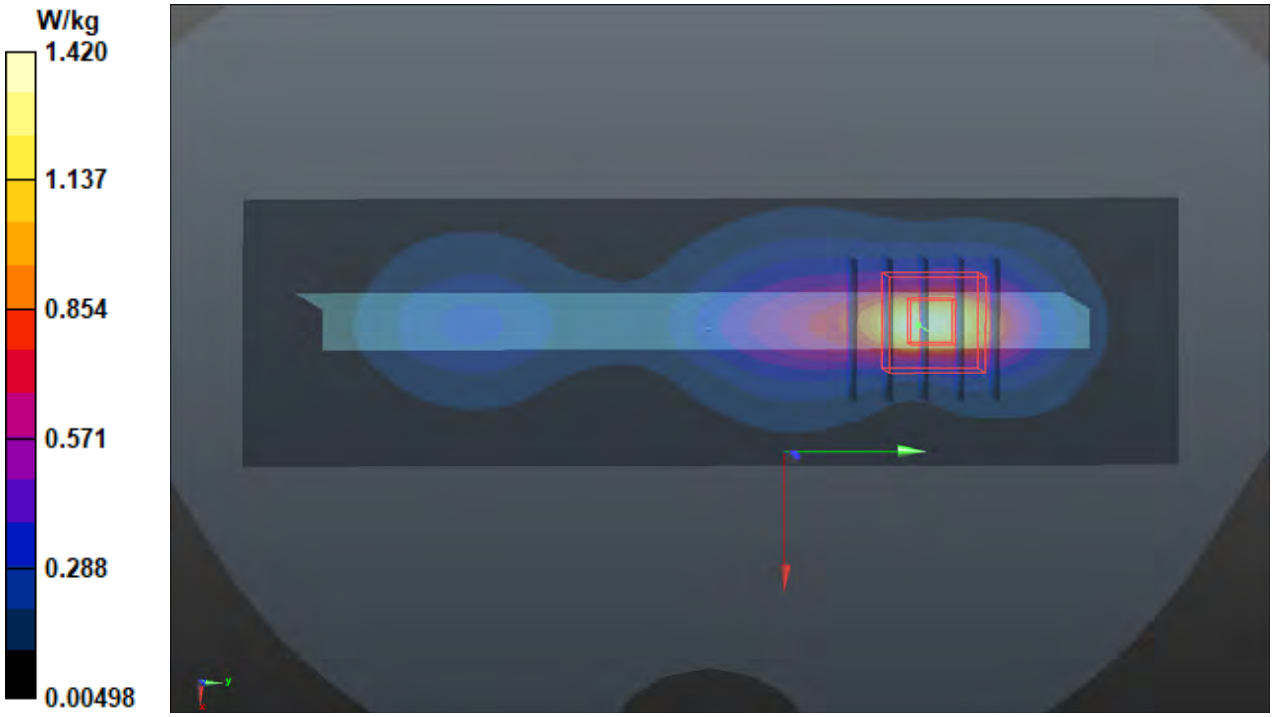
DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1870 MHz;Duty Cycle: 1:3.56
Medium: H16T20N1_0306 Medium parameters used: f = 1870 MHz; σ = 1.425 S/m; ε_r = 39.399; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3887; ConvF(7.98, 7.98, 7.98) @ 1870 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.42 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.85 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.435 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 51.6%
Maximum value of SAR (measured) = 1.47 W/kg



P415 5GNR-n26_DFT-S_QPSK20M_Rear Face_10mm_Ch164800_1RB_OS1_Ant 0

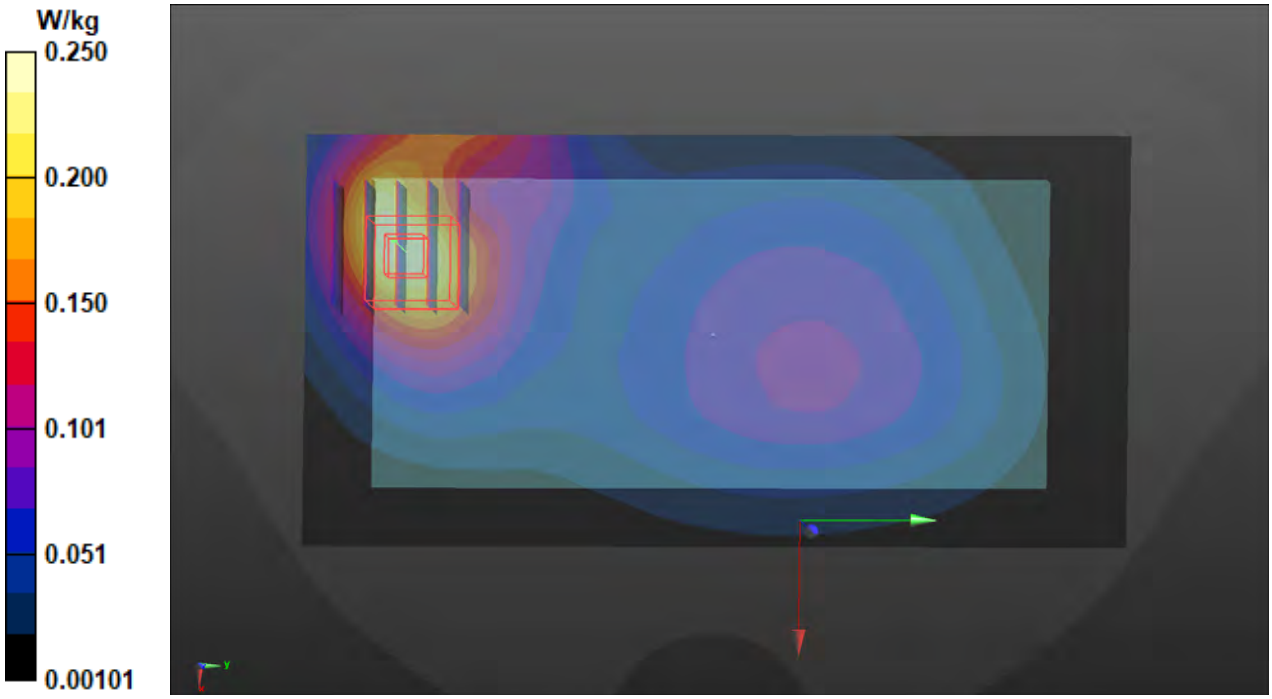
DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 824 MHz;Duty Cycle: 1:3.56
Medium: H07T10N1_0121 Medium parameters used: f = 824 MHz; σ = 0.918 S/m; ε_r = 42.156; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(9.69, 9.69, 9.69) @ 824 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.250 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.84 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.111 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 15.8 mm
Ratio of SAR at M2 to SAR at M1 = 60.2%
Maximum value of SAR (measured) = 0.253 W/kg



P416 5GNR-n26_DFT-S QPSK20M_Front Face_10mm_Ch166300_1RB_OS1_Ant 2

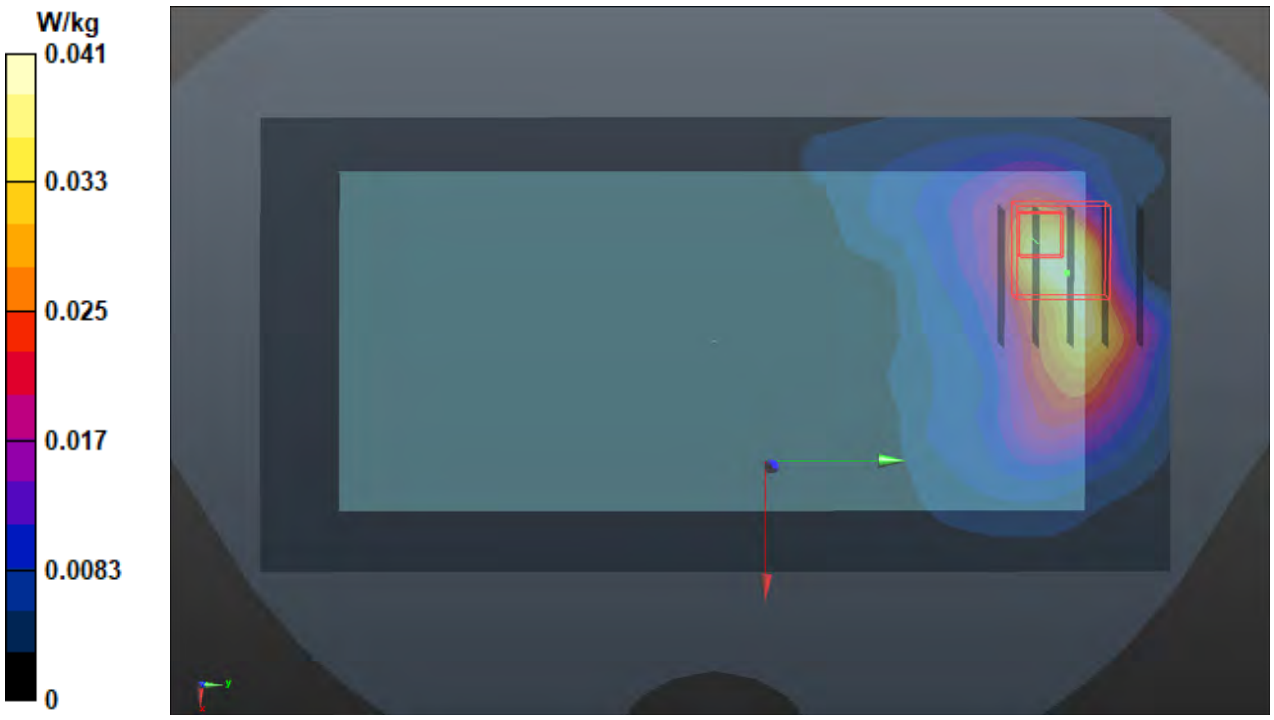
DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 831.5 MHz;Duty Cycle: 1:3.56
Medium: H07T10N1_0120 Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.941 S/m; ε_r = 43.053; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.11, 10.11, 10.11) @ 831.5 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0415 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.716 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.00860 W/kg
SAR(1 g) = 0.00248 W/kg; SAR(10 g) = 0.00183 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 60.1%
Maximum value of SAR (measured) = 0.00361 W/kg



P417 5GNR-n30_DFT-S_QPSK10M_Bottom Side_10mm_Ch462000_1RB_OS1_Ant 1

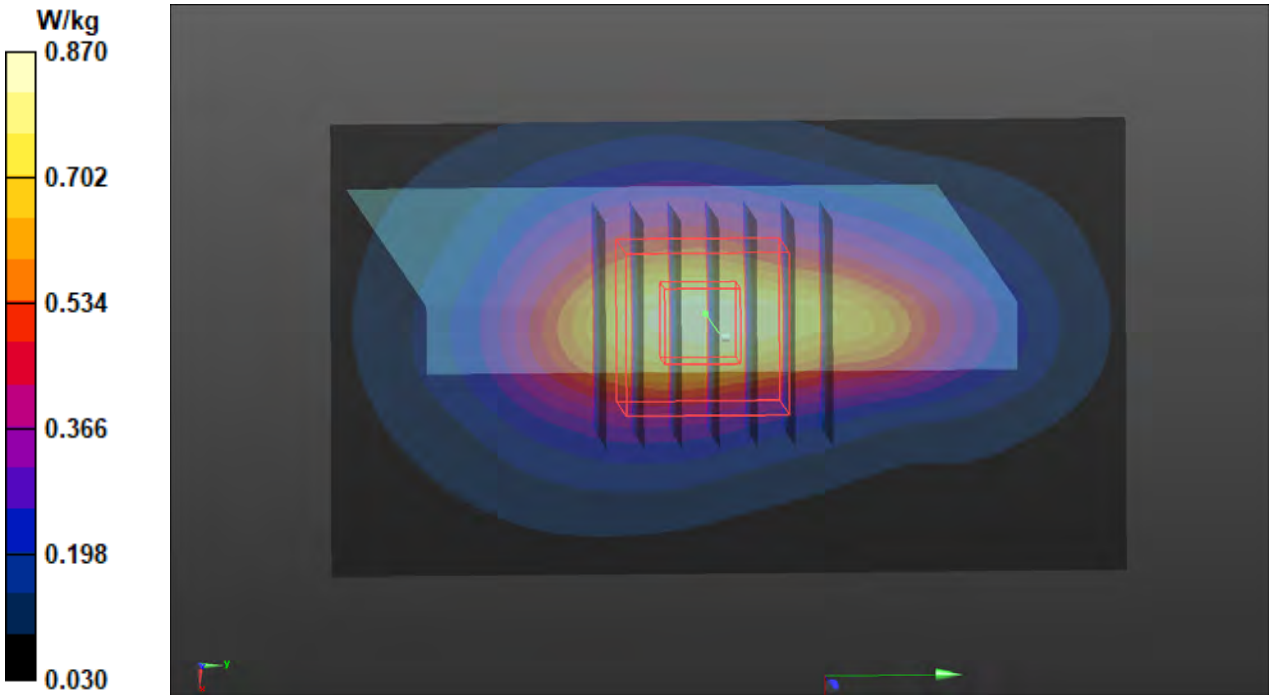
DUT: BFLF-WTW-P20120540

Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz;Duty Cycle: 1:3.56
Medium: H19T27N1_0121 Medium parameters used: f = 2310 MHz; σ = 1.726 S/m; ε_r = 39.473; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(7.84, 7.84, 7.84) @ 2310 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.870 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.17 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.286 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 53.6%
Maximum value of SAR (measured) = 0.849 W/kg



P418 5GNR-n30_DFT-S_QPSK10M_Top Side_10mm_Ch462000_1RB_OS1_Ant 2

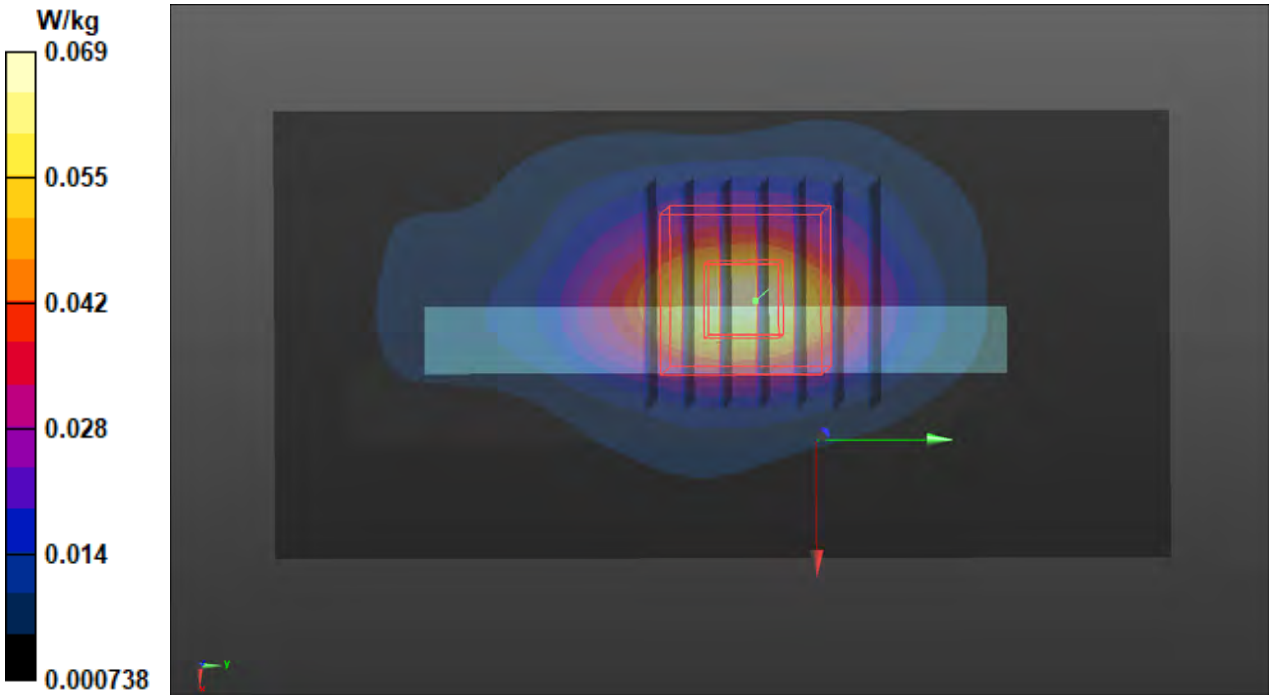
DUT: BFLF-WTW-P20120540

Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz;Duty Cycle: 1:3.56
Medium: H19T27N1_0125 Medium parameters used: f = 2310 MHz; σ = 1.712 S/m; ε_r = 39.207; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(7.84, 7.84, 7.84) @ 2310 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0691 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.930 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0830 W/kg
SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.019 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 49.6%
Maximum value of SAR (measured) = 0.0658 W/kg



P419 5GNR-n30_DFT-S_QPSK10M_Left Side_10mm_Ch462000_1RB_OS1_Ant 8

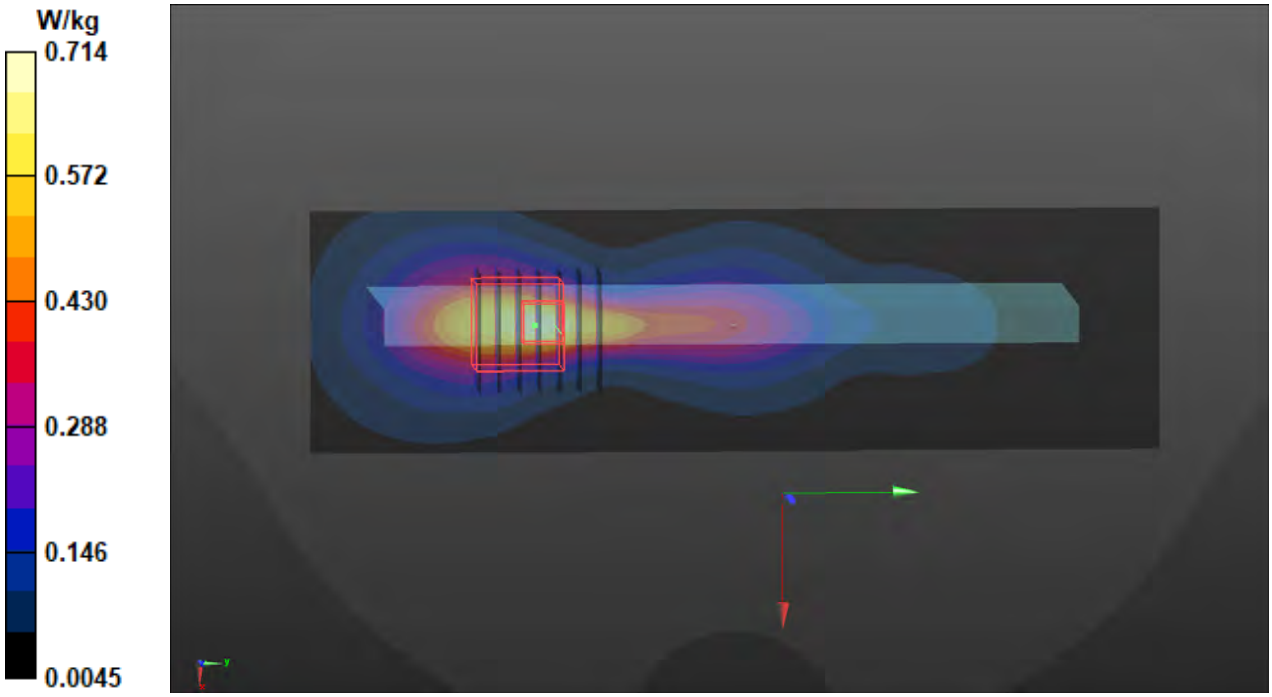
DUT: BFLF-WTW-P20120540

Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz;Duty Cycle: 1:3.56
Medium: H19T27N1_0125 Medium parameters used: f = 2310 MHz; σ = 1.712 S/m; ε_r = 39.207; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(7.84, 7.84, 7.84) @ 2310 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.714 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.55 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.872 W/kg
SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.210 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 47.2%
Maximum value of SAR (measured) = 0.691 W/kg



P501 5GNR-n38_DFT-S QPSK40M_Bottom Side_10mm_Ch520000_1RB_OS1_Ant 1

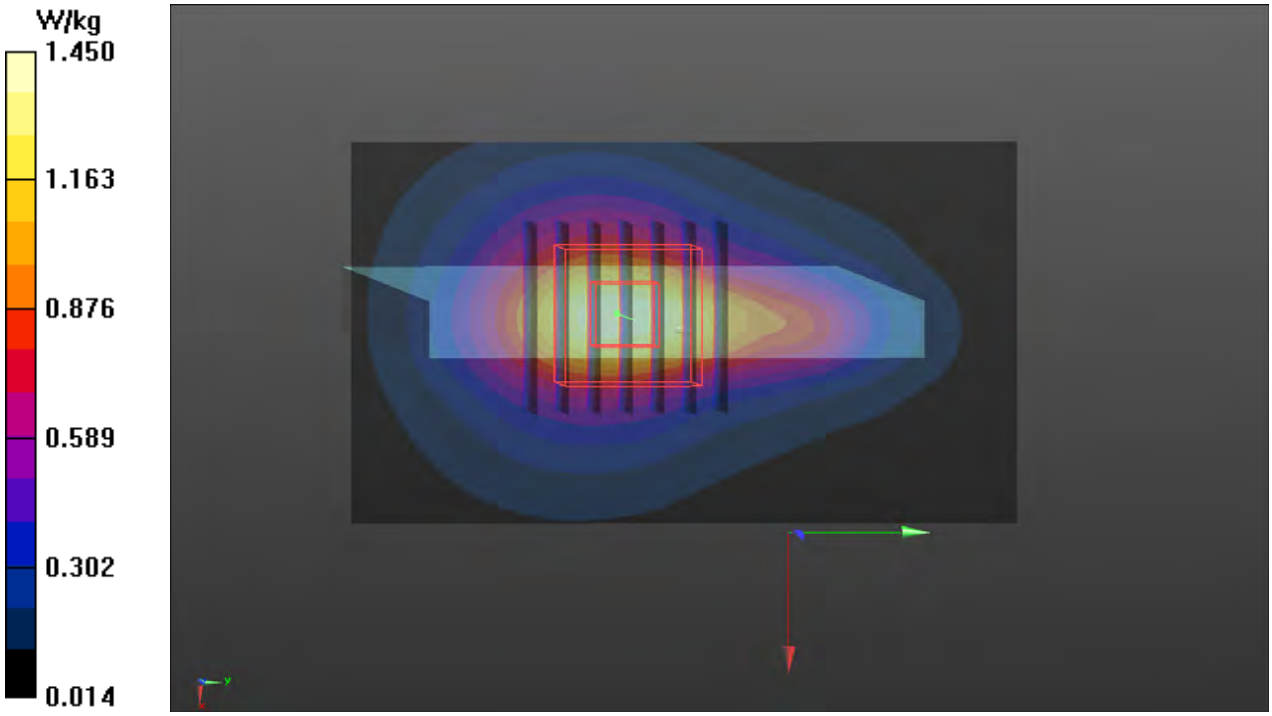
DUT: BFLF-WTW-P20120540

Communication System: UID 10903 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz); Frequency: 2600 MHz;Duty Cycle: 1:3.7
Medium: H19T27N1_0309 Medium parameters used: f = 2600 MHz; σ = 2.045 S/m; ε_r = 37.848; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(7.72, 7.72, 7.72) @ 2600 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.45 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.03 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.481 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12 mm
Ratio of SAR at M2 to SAR at M1 = 54.1%
Maximum value of SAR (measured) = 1.45 W/kg



P422 5GNR-n38_DFT-S_QPSK40M_Top Side_10mm_Ch518000_1RB_OS1_Ant 2

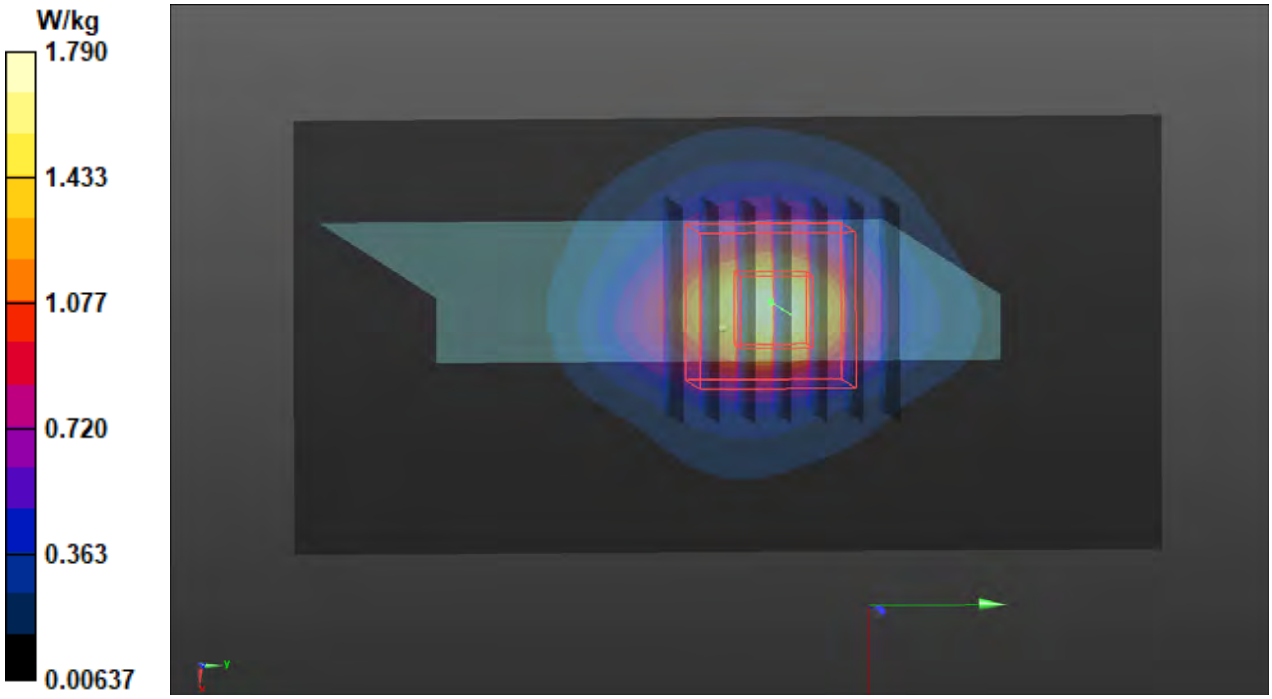
DUT: BFLF-WTW-P20120540

Communication System: UID 10903 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz); Frequency: 2590 MHz;Duty Cycle: 1:3.7
Medium: H19T27N1_0125 Medium parameters used: f = 2590 MHz; σ = 2 S/m; ε_r = 38.212; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(7.36, 7.36, 7.36) @ 2590 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.79 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.46 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 0.968 W/kg; SAR(10 g) = 0.460 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 49.1%
Maximum value of SAR (measured) = 1.62 W/kg



P423 5GNR-n38_DFT-S_QPSK40M_Left Side_10mm_Ch518000_1RB_OS1_Ant 8

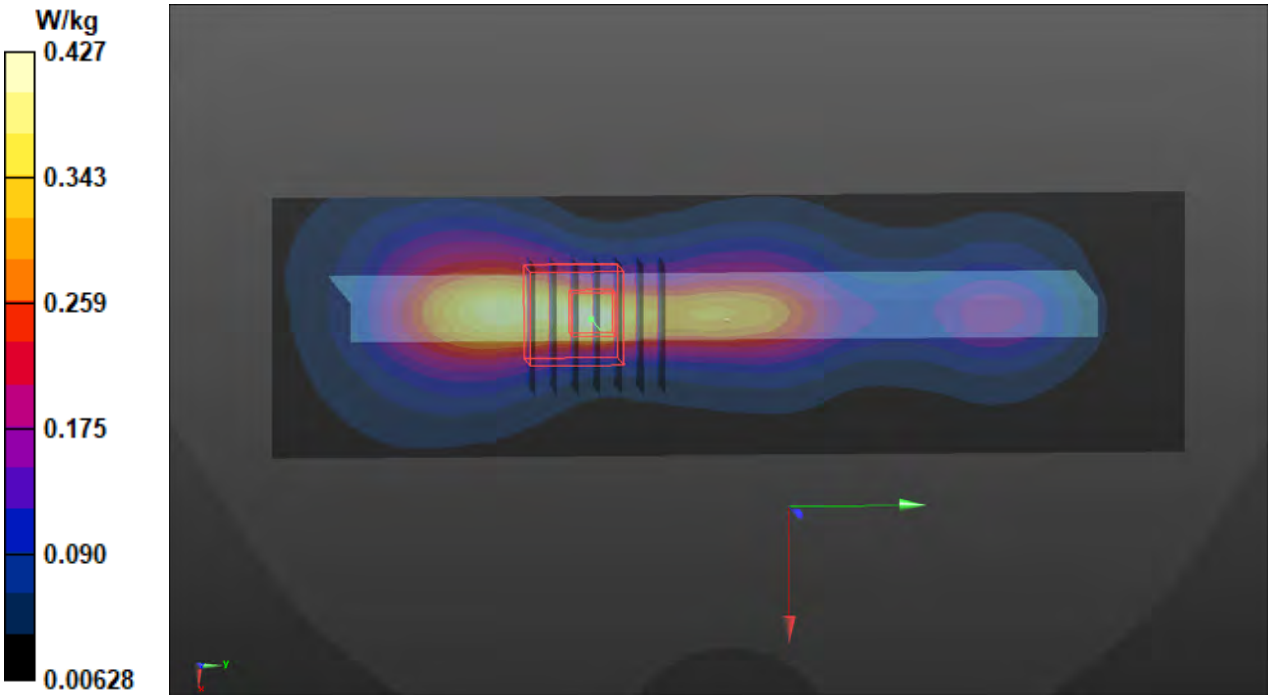
DUT: BFLF-WTW-P20120540

Communication System: UID 10903 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz); Frequency: 2590 MHz;Duty Cycle: 1:3.7
Medium: H19T27N1_0125 Medium parameters used: f = 2590 MHz; σ = 2 S/m; ε_r = 38.212; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(7.36, 7.36, 7.36) @ 2590 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.427 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.12 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.600 W/kg
SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.118 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 44.7%
Maximum value of SAR (measured) = 0.449 W/kg



P420 5GNR-n38_DFT-S QPSK40M_Left Side_10mm_Ch518000_1RB_OS1_Ant 9

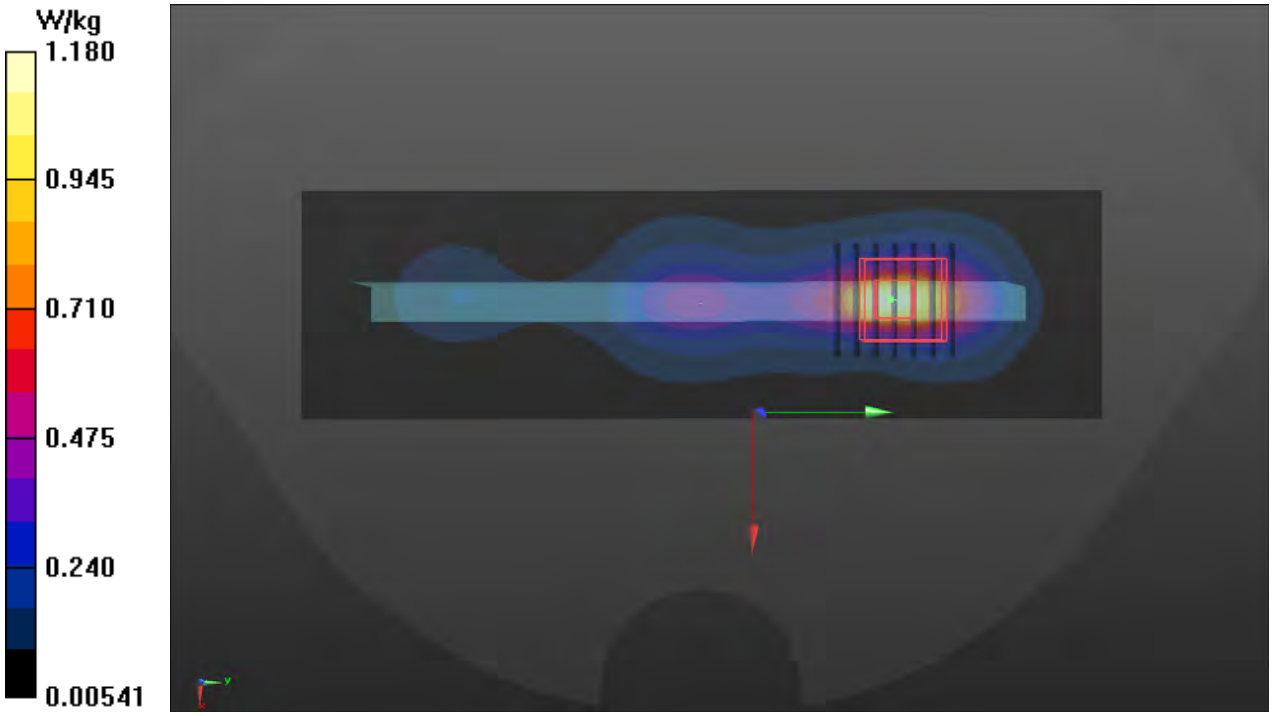
DUT: BFLF-WTW-P20120540

Communication System: UID 10903 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz); Frequency: 2590 MHz;Duty Cycle: 1:3.7
Medium: H19T27N1_0309 Medium parameters used: f = 2590 MHz; σ = 2.034 S/m; ε_r = 37.876; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(7.72, 7.72, 7.72) @ 2590 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.25 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.698 W/kg; SAR(10 g) = 0.326 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 51.5%
Maximum value of SAR (measured) = 1.18 W/kg



P428 5GNR-n41_DFT-S QPSK100M_Bottom Side_10mm_Ch513900_1RB_OS1_Ant 1

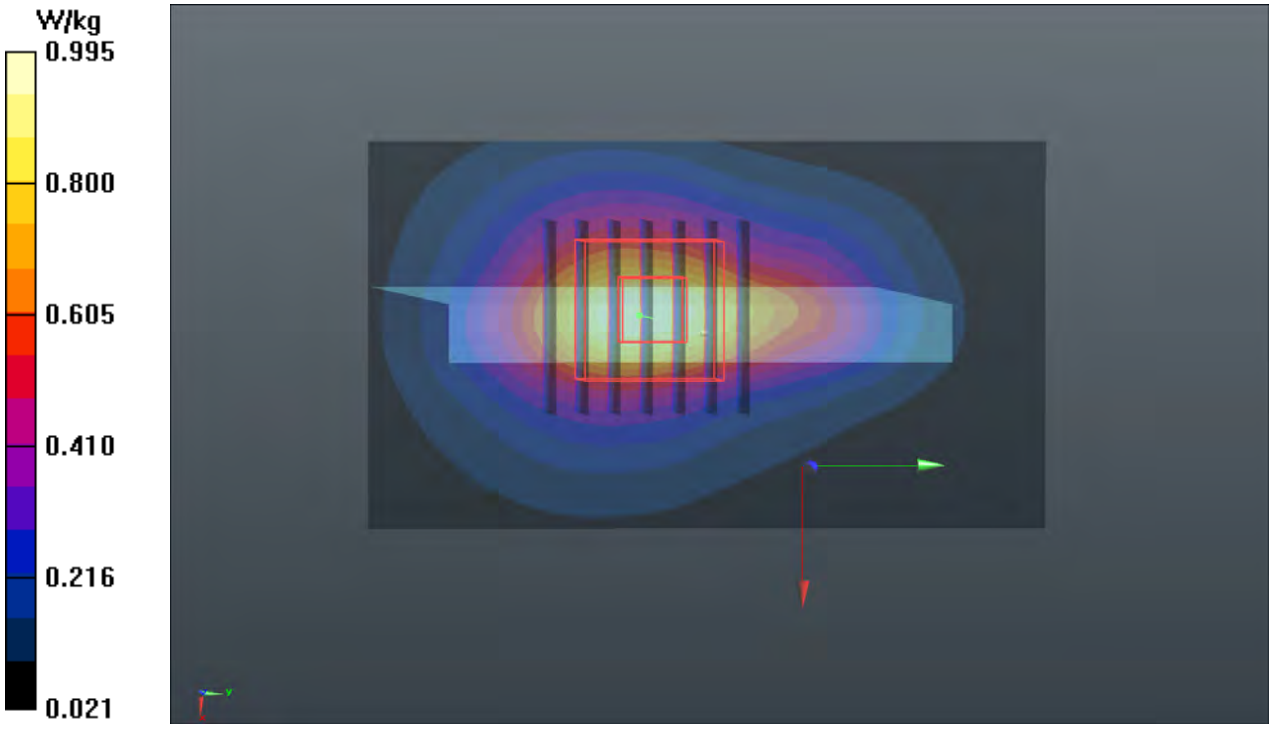
DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2569.5 MHz;Duty Cycle: 1:3.7
Medium: H19T27N1_0310 Medium parameters used: f = 2570 MHz; σ = 1.997 S/m; ε_r = 38.161; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2569.5 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.995 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.60 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.297 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12 mm
Ratio of SAR at M2 to SAR at M1 = 52.8%
Maximum value of SAR (measured) = 0.891 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/02/03

P429 5GNR-n41_DFT-S QPSK100M_Top Side_10mm_Ch523302_1RB_0S1_Ant 2

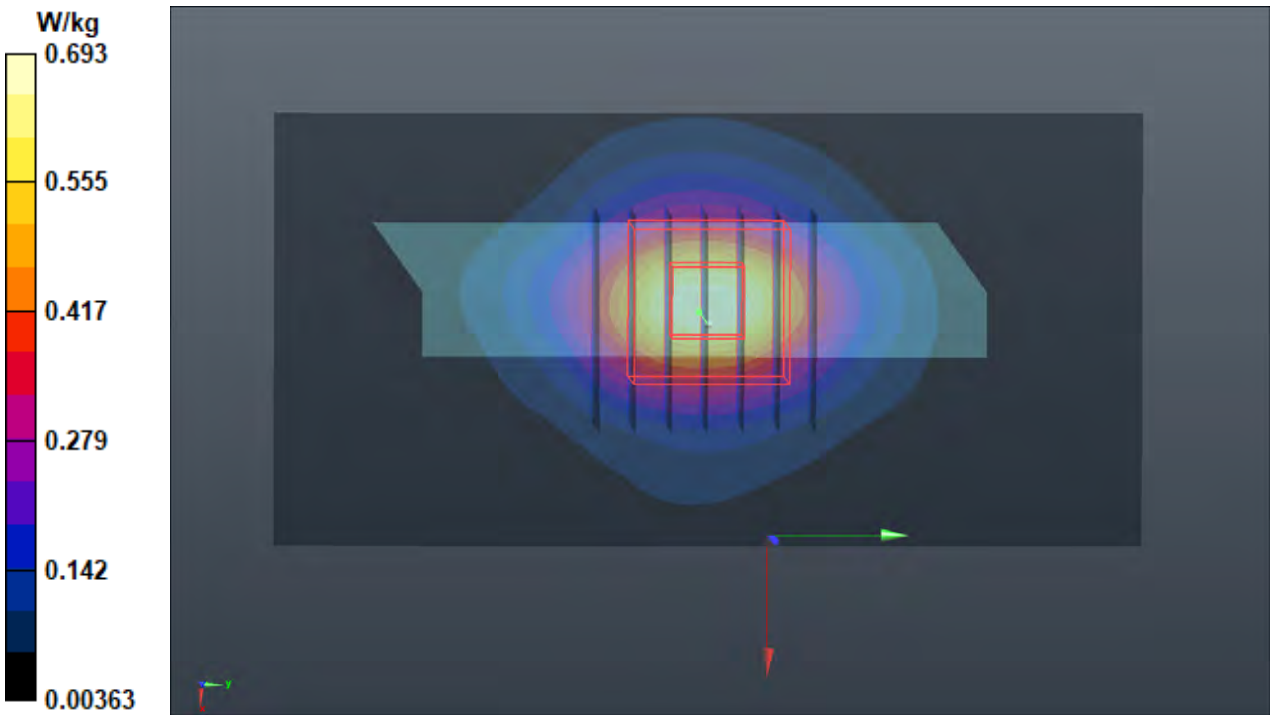
DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2616.51 MHz;Duty Cycle: 1:3.7
Medium: H19T27N1_0203 Medium parameters used (interpolated): f = 2616.51 MHz; σ = 2.052 S/m; ε_r = 38.767; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(7.18, 7.18, 7.18) @ 2616.51 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2020/05/27
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.693 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.73 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.810 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.209 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 53.3%
Maximum value of SAR (measured) = 0.661 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/01/25

P430 5GNR-n41_DFT-S QPSK100M_Left Side_10mm_Ch513900_1RB_0S1_Ant 8

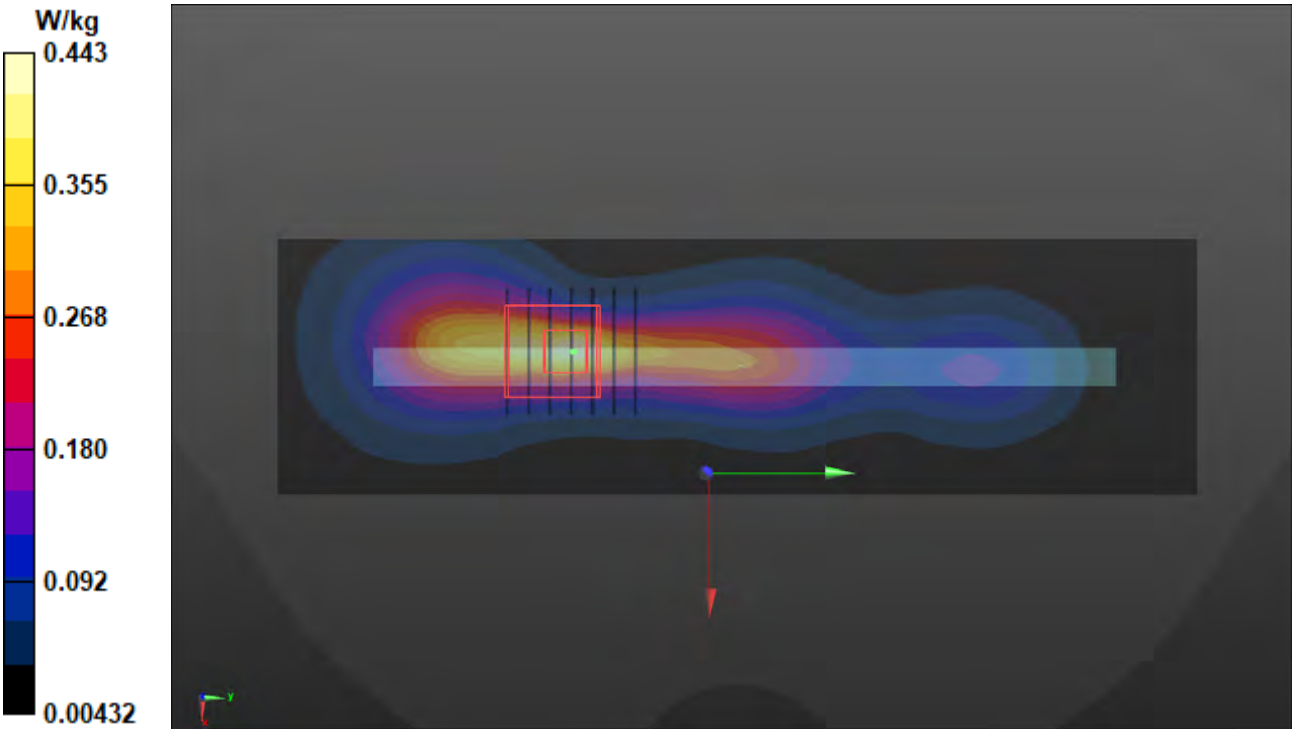
DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2569.5 MHz;Duty Cycle: 1:3.7
Medium: H19T27N1_0125 Medium parameters used: f = 2570 MHz; σ = 1.995 S/m; ε_r = 37.592; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(7.18, 7.18, 7.18) @ 2569.5 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.443 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.95 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.563 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.122 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 47.7%
Maximum value of SAR (measured) = 0.453 W/kg



P427 5GNR-n41_DFT-S QPSK100M_Left Side_10mm_Ch518598_1RB_OS1_Ant 9

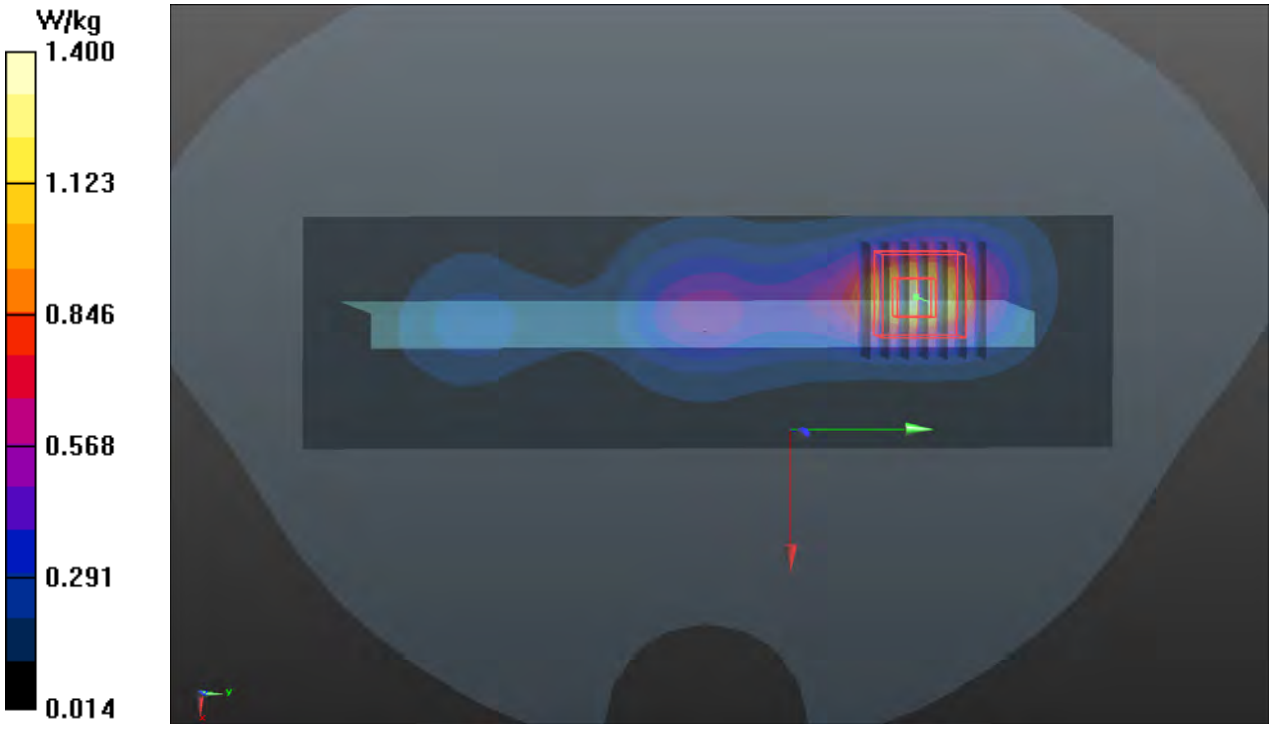
DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz;Duty Cycle: 1:3.7
Medium: H19T27N1_0310 Medium parameters used (interpolated): f = 2592.99 MHz; σ = 2.021 S/m; ε_r = 38.05; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2592.99 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.40 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.88 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.862 W/kg; SAR(10 g) = 0.412 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 50.8%
Maximum value of SAR (measured) = 1.43 W/kg



P435 5GNR-n66_DFT-S_QPSK40M_Bottom Side_10mm_Ch352000_1RB_OS1_Ant 1

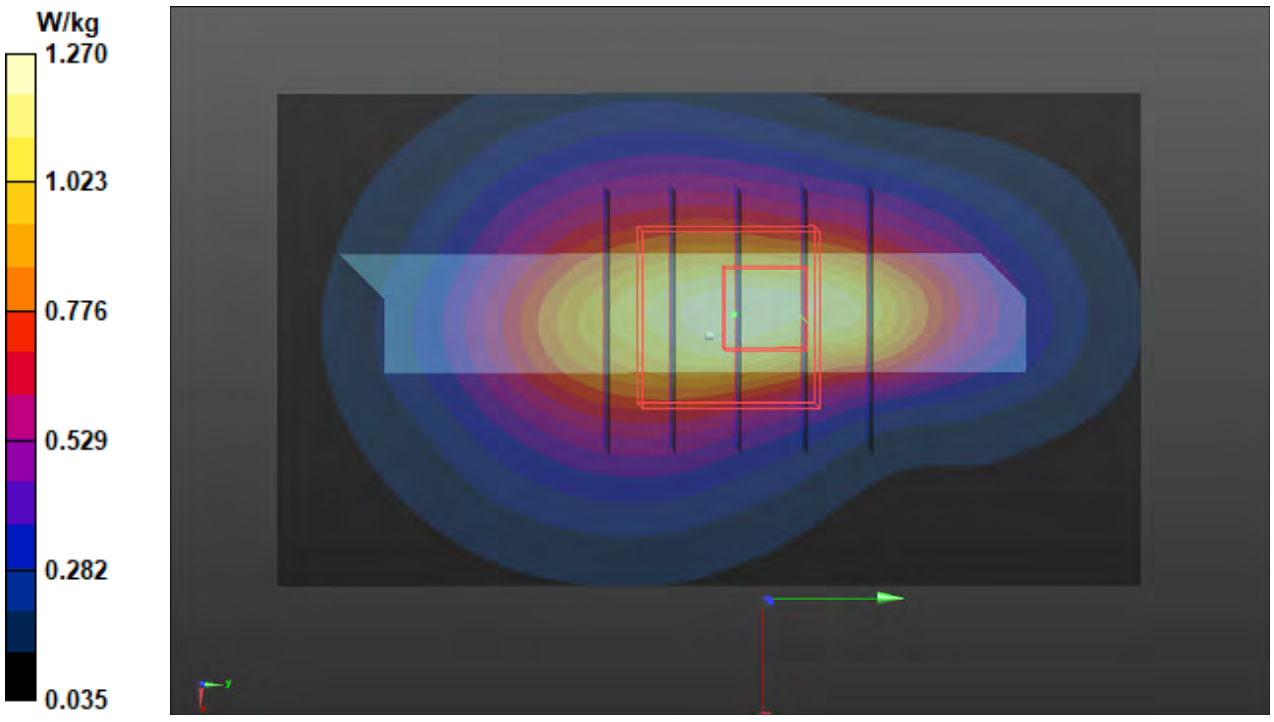
DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1760 MHz;Duty Cycle: 1:3.56
Medium: H16T20N1_0121 Medium parameters used: f = 1760 MHz; σ = 1.338 S/m; ε_r = 39.776; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(8.6, 8.6, 8.6) @ 1760 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.27 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.39 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.846 W/kg; SAR(10 g) = 0.479 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 54.7%
Maximum value of SAR (measured) = 1.26 W/kg



P436 5GNR-n66_DFT-S QPSK40M_Top Side_10mm_Ch346000_1RB_0S1_Ant 2

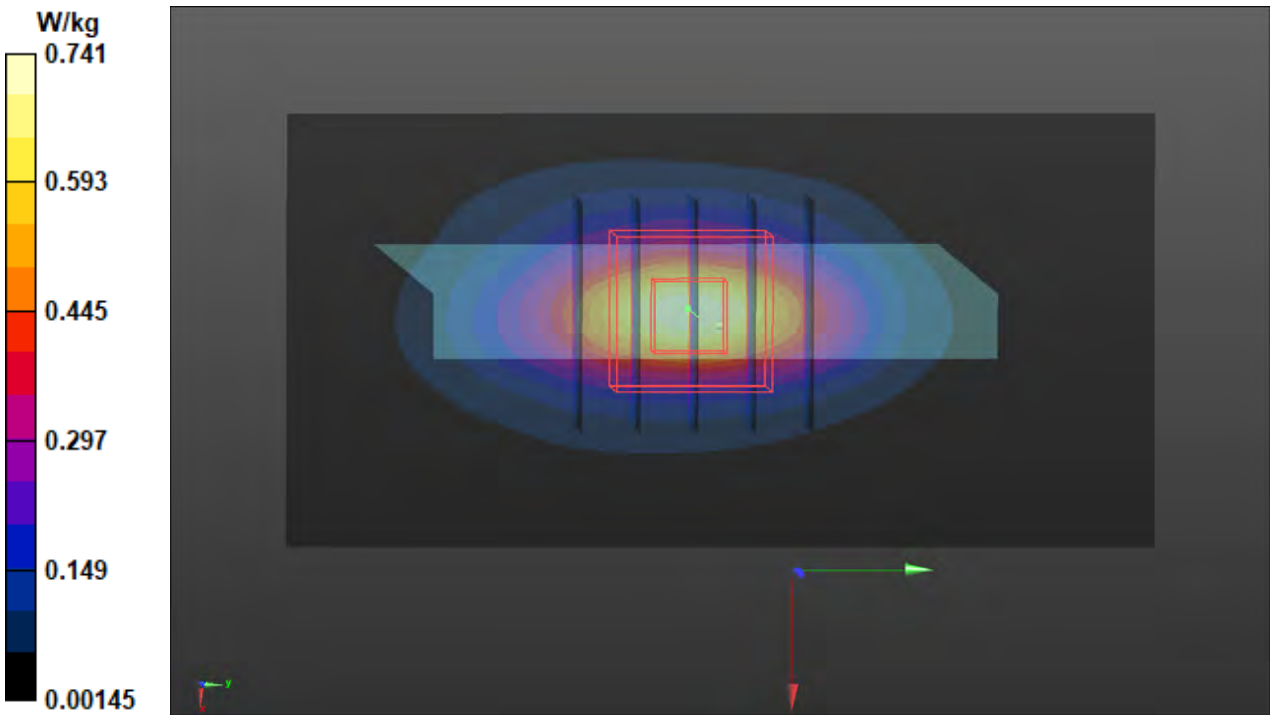
DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1730 MHz;Duty Cycle: 1:3.56
Medium: H16T20N1_0125 Medium parameters used: f = 1730 MHz; σ = 1.308 S/m; ε_r = 38.934; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(8.47, 8.47, 8.47) @ 1730 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.741 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.27 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.843 W/kg
SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.248 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 57.3%
Maximum value of SAR (measured) = 0.715 W/kg



P437 5GNR-n66_DFT-S_QPSK40M_Left Side_10mm_Ch349000_1RB_OS1_Ant 8

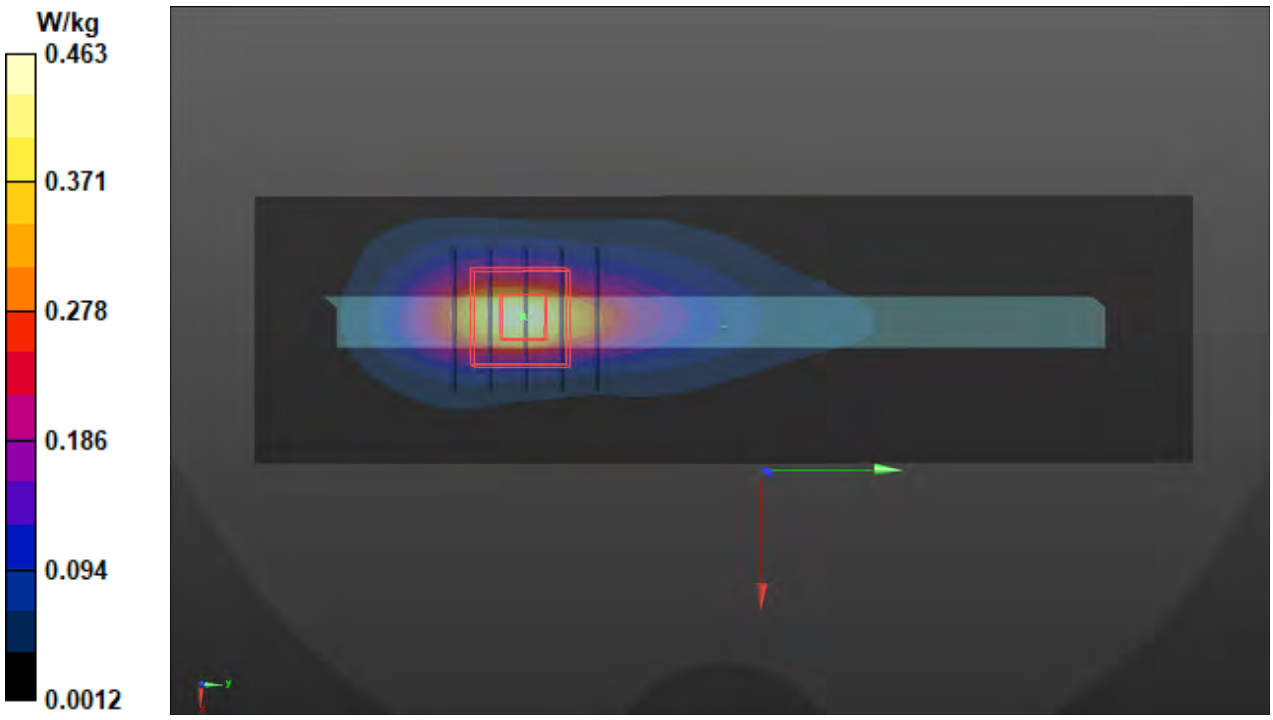
DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1745 MHz;Duty Cycle: 1:3.56
Medium: H16T20N0_0126 Medium parameters used: f = 1745 MHz; σ = 1.32 S/m; ε_r = 40.668; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(8.6, 8.6, 8.6) @ 1745 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x141x1): 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 = 18.61 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.578 W/kg
SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.150 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 52.1%
Maximum value of SAR (measured) = 0.477 W/kg



P438 5GNR-n66_DFT-S_QPSK40M_Left Side_10mm_Ch346000_1RB_OS1_Ant 9

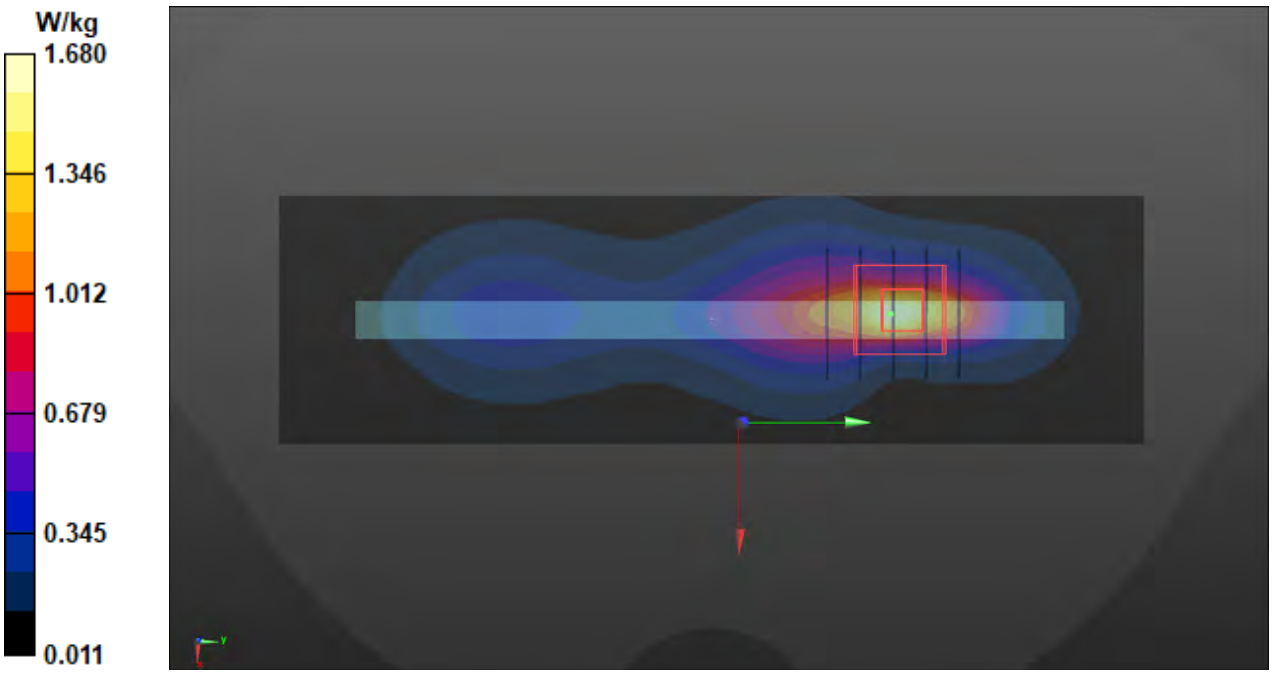
DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1730 MHz;Duty Cycle: 1:3.56
Medium: H16T20N0_0126 Medium parameters used: f = 1730 MHz; σ = 1.314 S/m; ε_r = 40.694; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(8.6, 8.6, 8.6) @ 1730 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.68 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.79 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.509 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 51.8%
Maximum value of SAR (measured) = 1.64 W/kg



P439 5GNR-n71_DFT-S_QPSK20M_Right Side_10mm_Ch134600_1RB_OS1_Ant 0

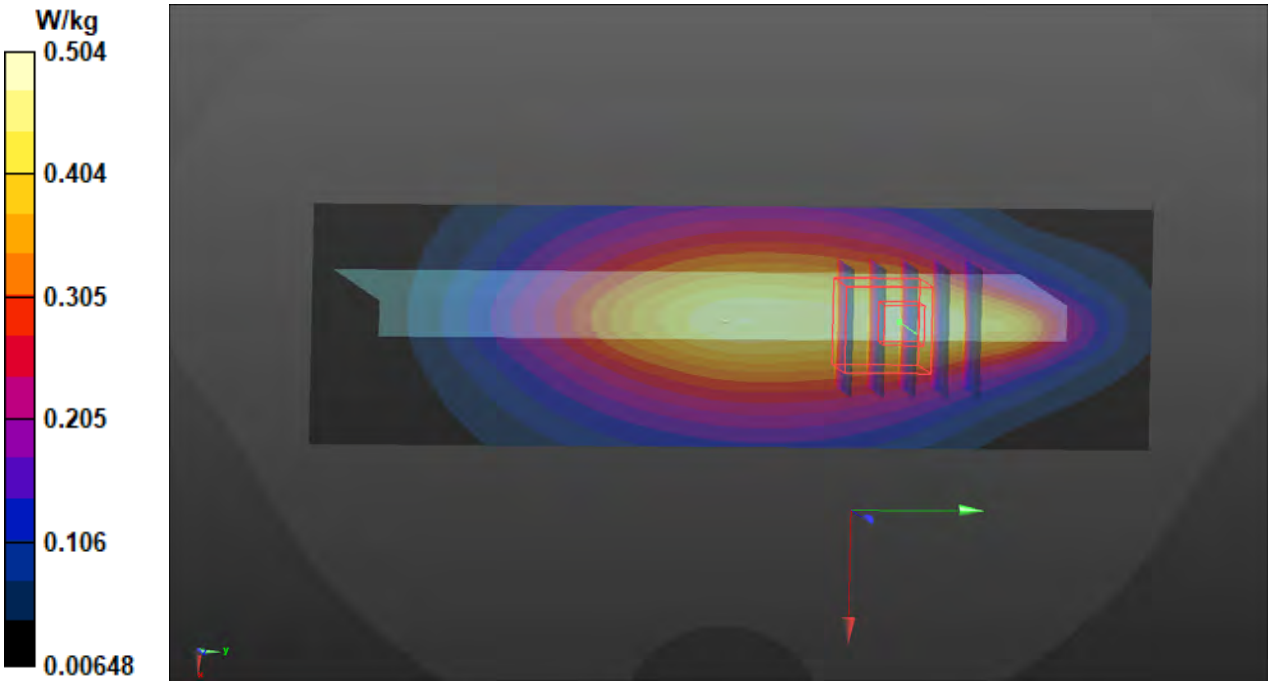
DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 673 MHz;Duty Cycle: 1:3.56
Medium: H06T09N1_0122 Medium parameters used: f = 673 MHz; σ = 0.873 S/m; ε_r = 44.115; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(10, 10, 10) @ 673 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.504 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.89 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.590 W/kg
SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.239 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 15.2 mm
Ratio of SAR at M2 to SAR at M1 = 60.9%
Maximum value of SAR (measured) = 0.496 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/01/25

P440 5GNR-n71_DFT-S QPSK20M_Top Side_10mm_Ch136100_1RB_0S1_Ant 2

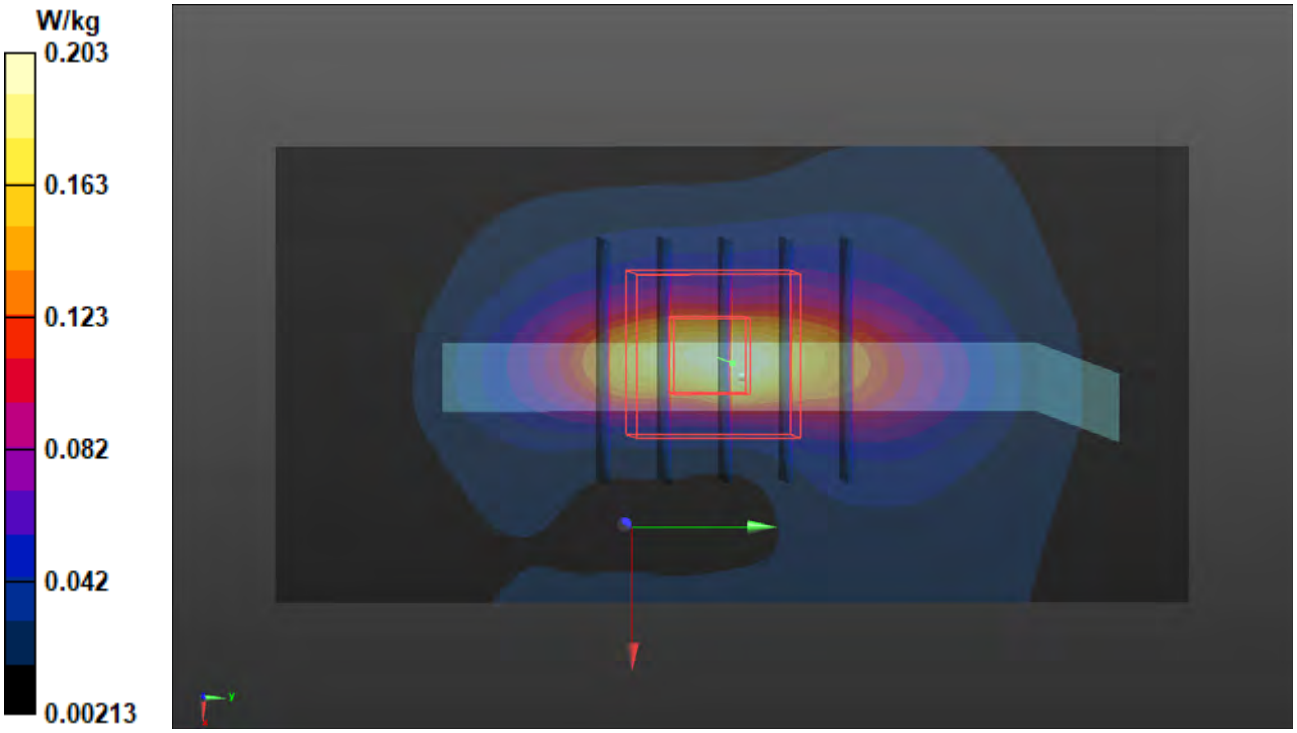
DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 680.5 MHz;Duty Cycle: 1:3.56
Medium: H06T09N1_0125 Medium parameters used: f = 680.5 MHz; σ = 0.876 S/m; ε_r = 44.004; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(10.66, 10.66, 10.66) @ 680.5 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.203 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.74 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.276 W/kg
SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.066 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 49.5%
Maximum value of SAR (measured) = 0.209 W/kg



P443 5GNR-n77_DFT-S_QPSK100M_Left Side_10mm_Ch659000_1RB_OS1_Ant 5

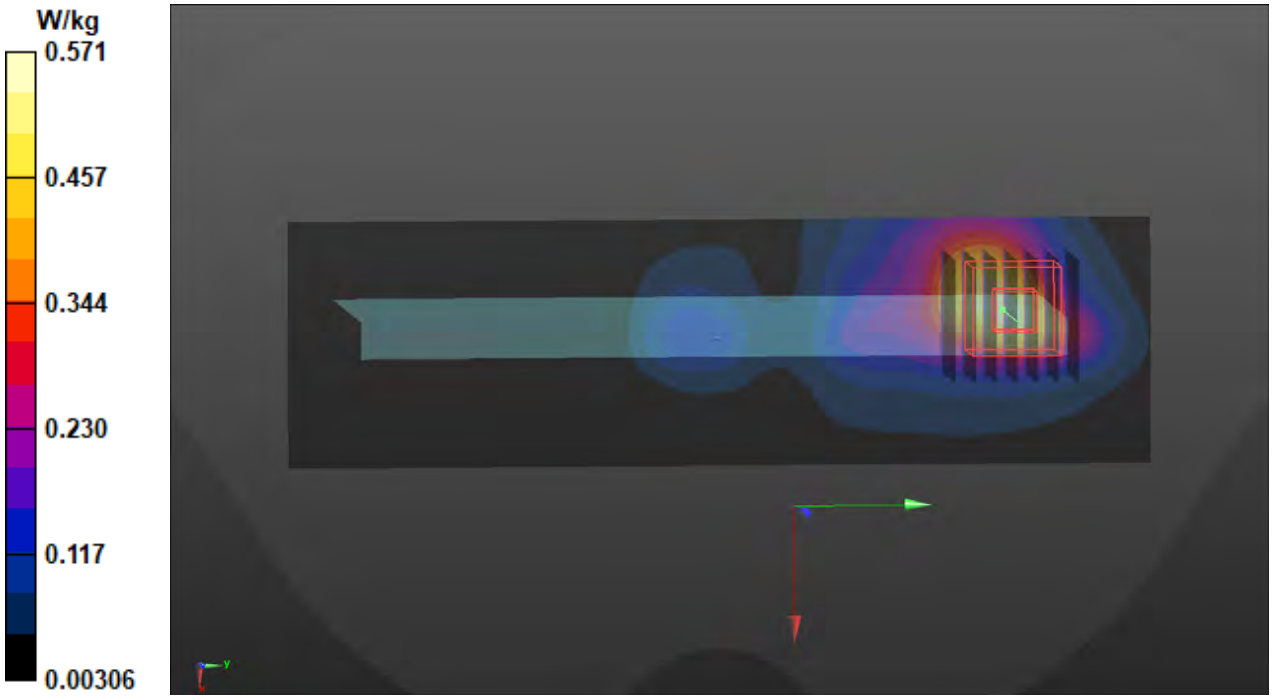
DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3885 MHz;Duty Cycle: 1:3.7
Medium: H33T42N1_0126 Medium parameters used (interpolated): f = 3885 MHz; σ = 3.225 S/m; ε_r = 36.844; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(6.96, 6.96, 6.96) @ 3885 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.571 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 12.71 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.929 W/kg
SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.150 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 58.5%
Maximum value of SAR (measured) = 0.665 W/kg



P442 5GNR-n77_DFT-S_QPSK100M_Rear Face_10mm_Ch659000_1RB_OS1_Ant 7

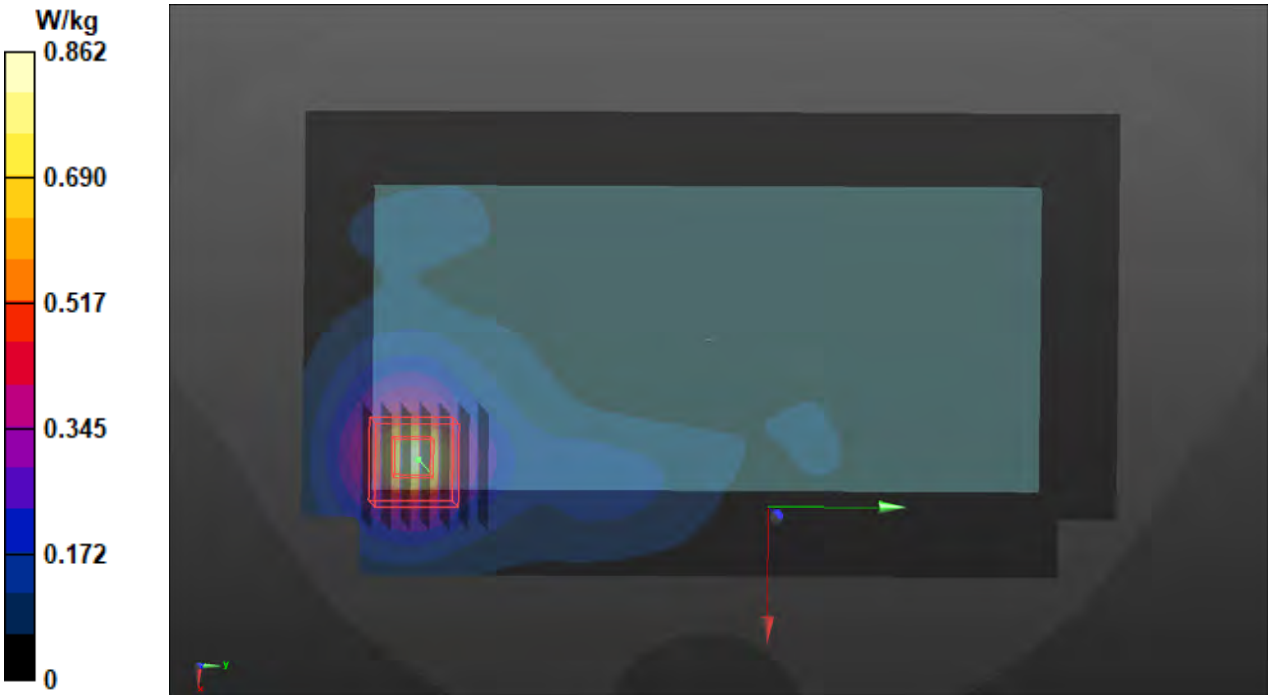
DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3885 MHz;Duty Cycle: 1:3.7
Medium: H33T42N1_0126 Medium parameters used (interpolated): f = 3885 MHz; σ = 3.225 S/m; ε_r = 36.844; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(6.96, 6.96, 6.96) @ 3885 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.862 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 16.86 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.164 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.6 mm
Ratio of SAR at M2 to SAR at M1 = 60.5%
Maximum value of SAR (measured) = 0.761 W/kg



P444 5GNR-n77_DFT-S_QPSK100M_Rear Face_10mm_Ch659000_1RB_OS1_Ant 10

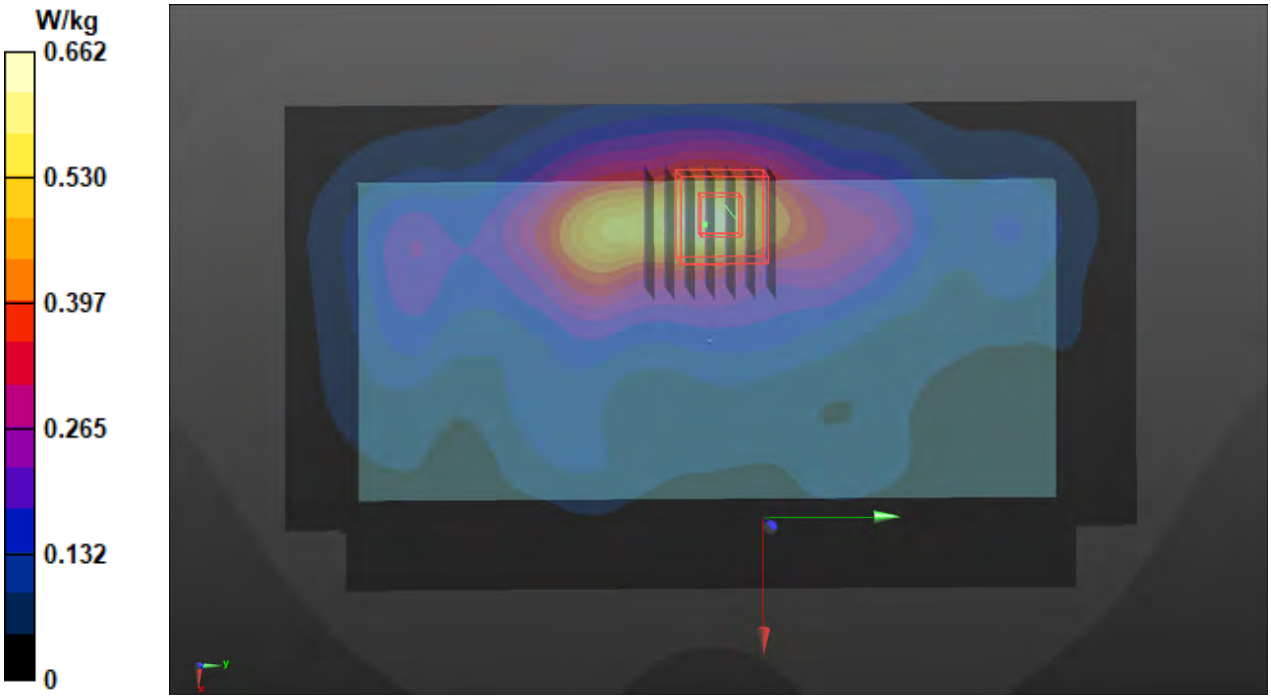
DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3885 MHz;Duty Cycle: 1:3.7
Medium: H33T42N1_0126 Medium parameters used (interpolated): f = 3885 MHz; σ = 3.225 S/m; ε_r = 36.844; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(6.96, 6.96, 6.96) @ 3885 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.662 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 15.09 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.954 W/kg
SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.147 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 11.7 mm
Ratio of SAR at M2 to SAR at M1 = 57%
Maximum value of SAR (measured) = 0.647 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/03/09

P505 5GNR-n77_DFT-S_QPSK100M_Left Side_10mm_Ch659000_1RB_OS1_Ant 11

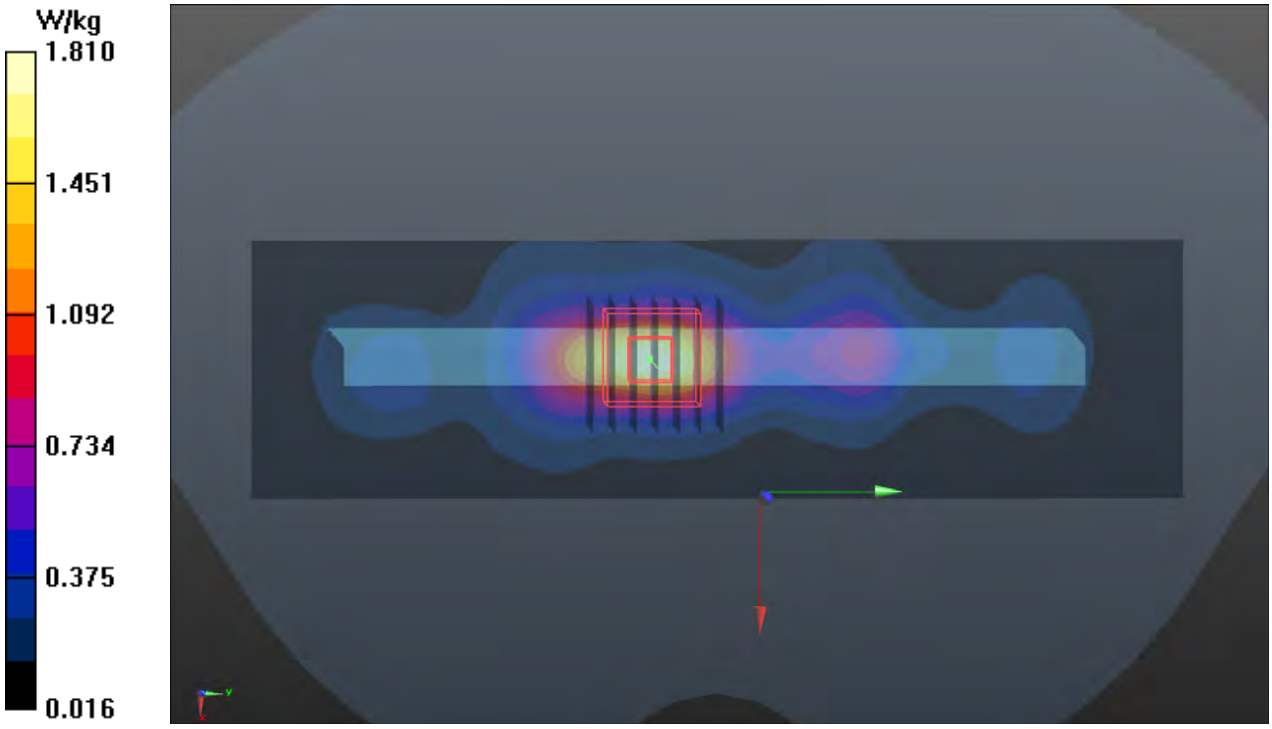
DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3885 MHz;Duty Cycle: 1:3.7
Medium: H33T42N1_0309 Medium parameters used (interpolated): f = 3885 MHz; σ = 3.226 S/m; ε_r = 36.847; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(6.87, 6.87, 6.87) @ 3885 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.81 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 24.14 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.45 W/kg
SAR(1 g) = 0.92 W/kg; SAR(10 g) = 0.434 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 63.8%
Maximum value of SAR (measured) = 1.84 W/kg



P451 5GNR-n78_DFT-S QPSK100M_Left Side_10mm_Ch650000_1RB_OS1_Ant 5

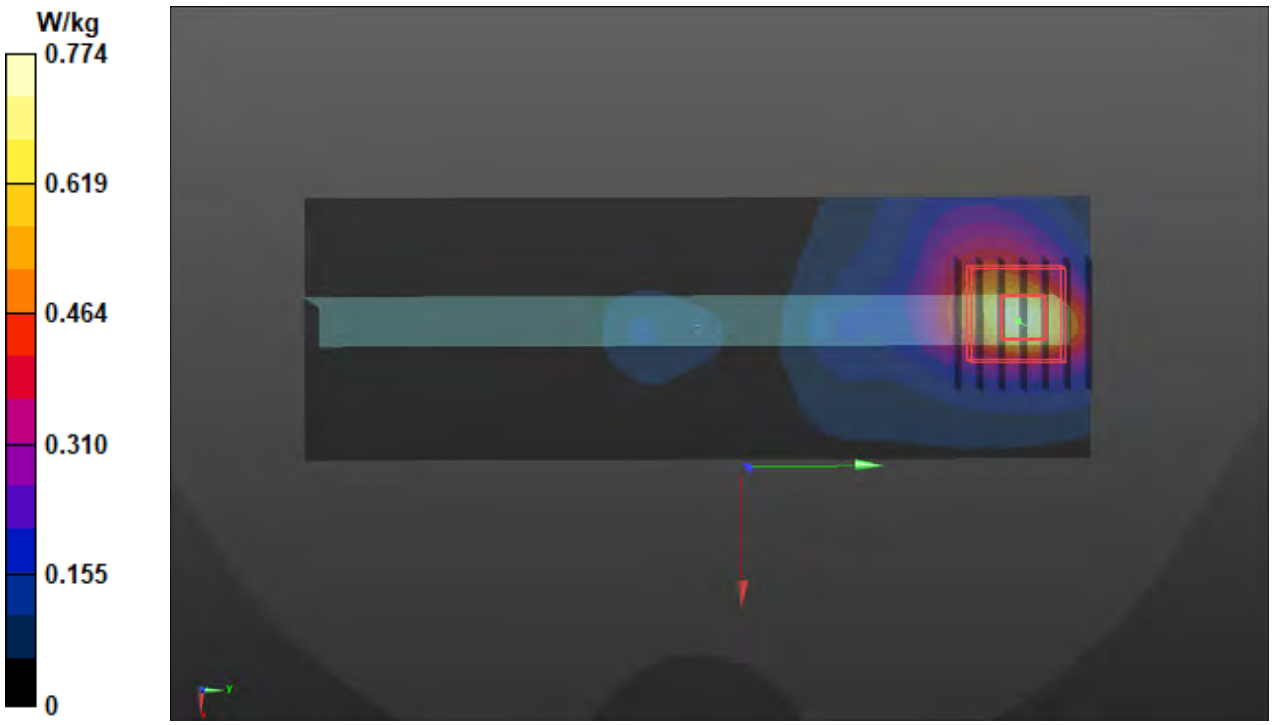
DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3750 MHz;Duty Cycle: 1:3.7
Medium: H34T38N1_0301 Medium parameters used: f = 3750 MHz; σ = 3.165 S/m; ε_r = 36.834; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(6.53, 6.53, 6.53) @ 3750 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.774 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 16.41 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.182 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 60.7%
Maximum value of SAR (measured) = 0.764 W/kg



P450 5GNR-n78_DFT-S QPSK100M_Rear Face_10mm_Ch650000_1RB_OS1_Ant 7

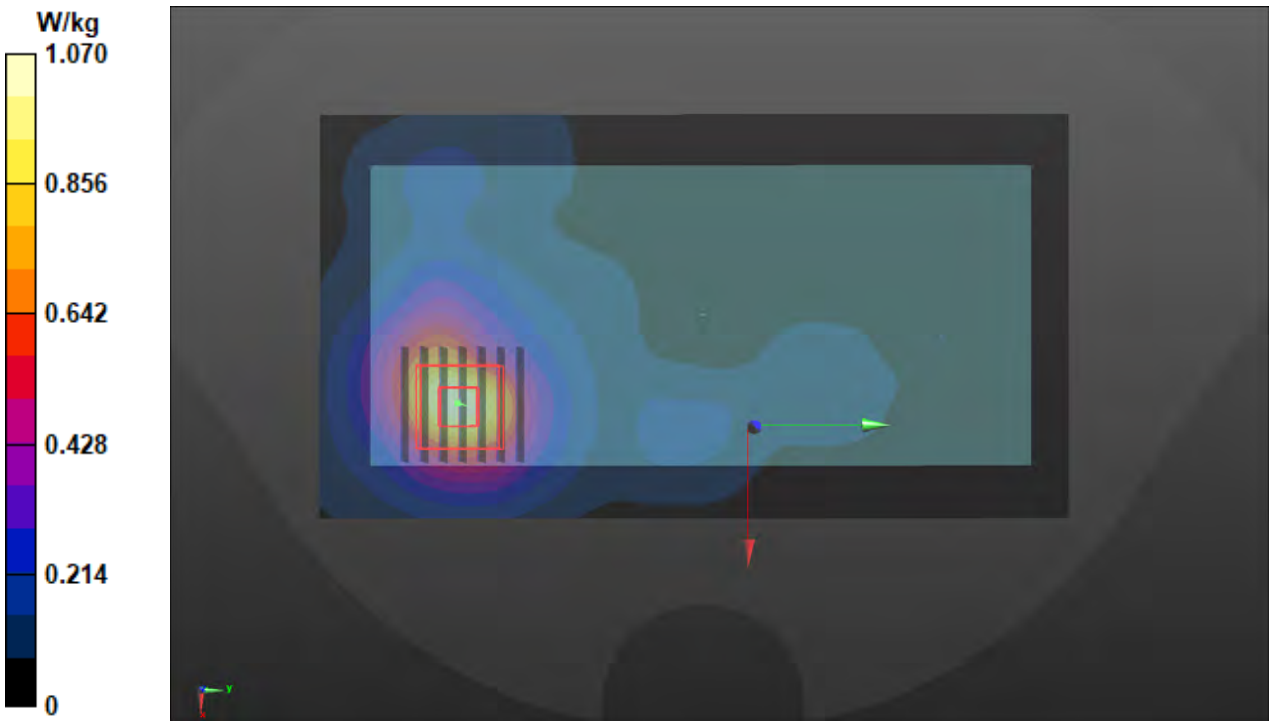
DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3750 MHz;Duty Cycle: 1:3.7
Medium: H34T38N1_0301 Medium parameters used: f = 3750 MHz; σ = 3.165 S/m; ε_r = 36.834; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(6.53, 6.53, 6.53) @ 3750 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 18.79 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.273 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 13.4 mm
Ratio of SAR at M2 to SAR at M1 = 62.3%
Maximum value of SAR (measured) = 1.07 W/kg



P452 5GNR-n78_DFT-S QPSK100M_Rear Face_10mm_Ch650000_1RB_OS1_Ant 10

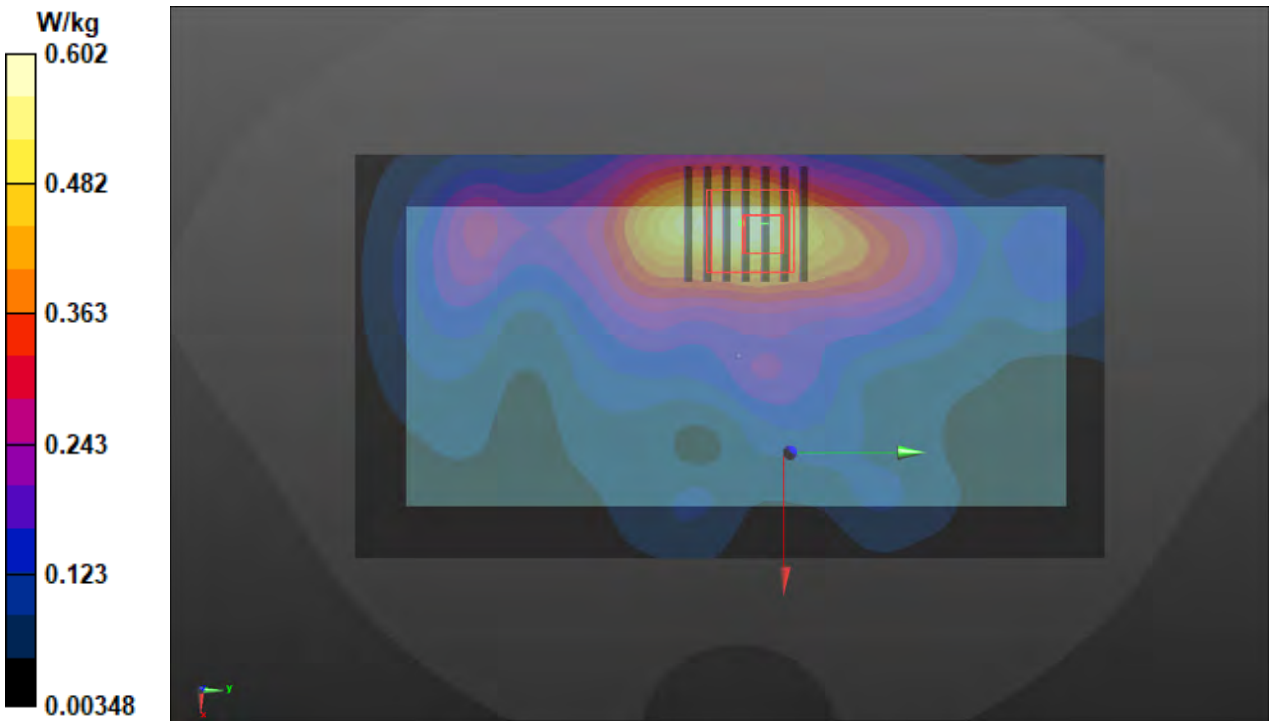
DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3750 MHz;Duty Cycle: 1:3.7
Medium: H34T38N1_0301 Medium parameters used: f = 3750 MHz; σ = 3.165 S/m; ε_r = 36.834; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(6.53, 6.53, 6.53) @ 3750 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.602 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 14.12 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.883 W/kg
SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.162 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 13.6 mm
Ratio of SAR at M2 to SAR at M1 = 59.9%
Maximum value of SAR (measured) = 0.627 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/03/09

P449 5GNR-n78_DFT-S_QPSK100M_Left Side_10mm_Ch650000_1RB_OS1_Ant 11

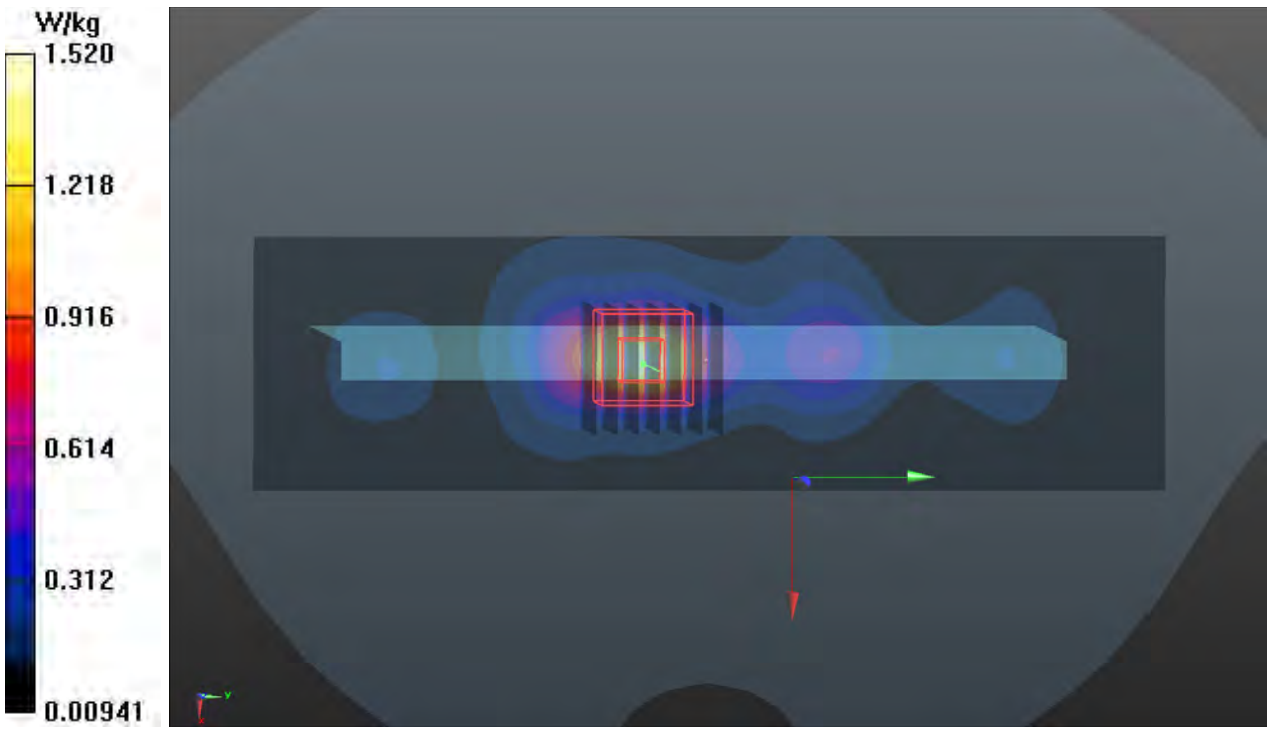
DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3750 MHz;Duty Cycle: 1:3.7
Medium: H34T38N1_0309 Medium parameters used: f = 3750 MHz; σ = 3.121 S/m; ε_r = 36.646; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.07, 7.07, 7.07) @ 3750 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.52 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 20.86 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 0.862 W/kg; SAR(10 g) = 0.357 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 62.7%
Maximum value of SAR (measured) = 1.59 W/kg



P453 WLAN2.4G_802.11b_Right Side_10mm_Ch11_Ant 6

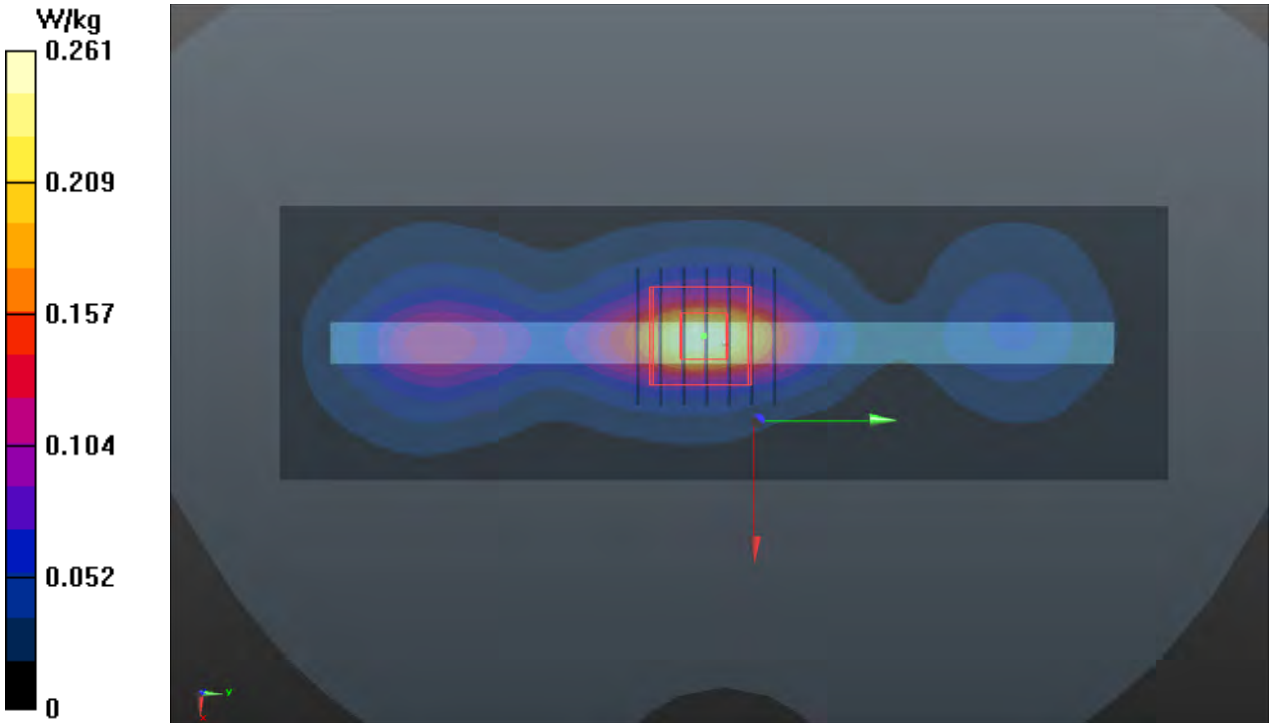
DUT: BFLF-WTW-P20120540

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);
Frequency: 2462 MHz;Duty Cycle: 1:1.02
Medium: H19T27N1_0224 Medium parameters used: f = 2462 MHz; σ = 1.897 S/m; ε_r = 38.302; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.69, 7.69, 7.69) @ 2462 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.261 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.05 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.075 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 51.1%
Maximum value of SAR (measured) = 0.267 W/kg



P454 WLAN5.2G_802.11ac VHT80_Front Face_10mm_Ch42_Ant 4

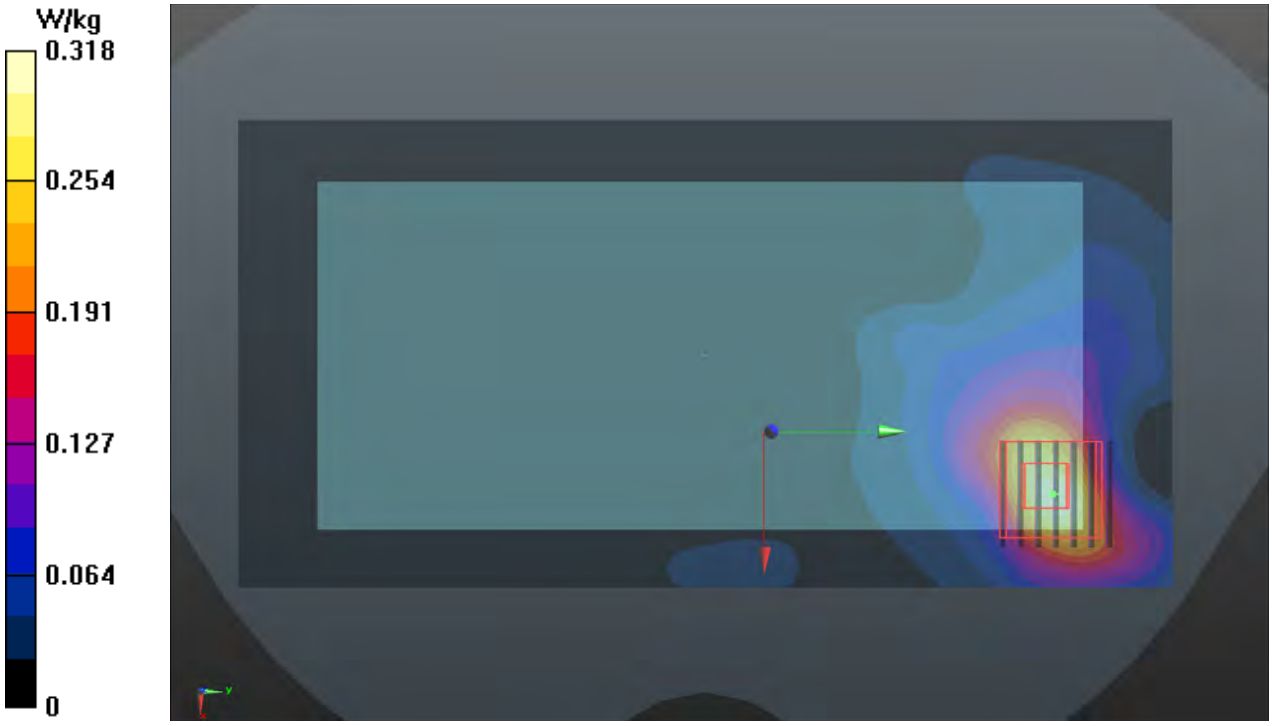
DUT: BFLF-WTW-P20120540

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5210 MHz;Duty Cycle: 1:1.01
Medium: H34T60N1_0225 Medium parameters used (interpolated): f = 5210 MHz; σ = 4.486 S/m; ε_r = 37.152; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(5.72, 5.72, 5.72) @ 5210 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.318 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.653 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.490 W/kg
SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.062 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 66.3%
Maximum value of SAR (measured) = 0.316 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/02/25

P455 WLAN5.8G_802.11ac VHT80_Rear Face_10mm_Ch155_Ant 6+3

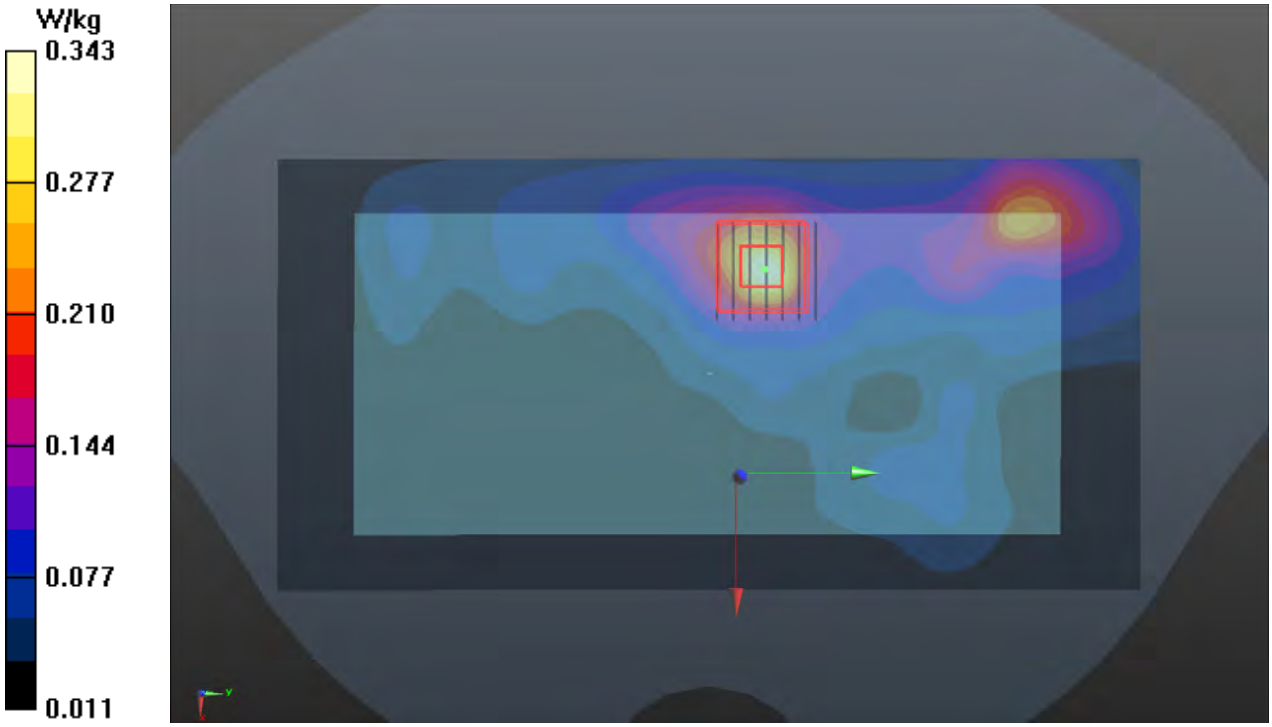
DUT: BFLF-WTW-P20120540

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz;Duty Cycle: 1:1.01
Medium: H34T60N1_0225 Medium parameters used: f = 5775 MHz; σ = 5.042 S/m; ε_r = 36.418; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(5.25, 5.25, 5.25) @ 5775 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.343 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.903 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.062 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.4 mm
Ratio of SAR at M2 to SAR at M1 = 61.9%
Maximum value of SAR (measured) = 0.372 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/02/26

P456 BT_BDR_Right Side_10mm_Ch0_Ant 6

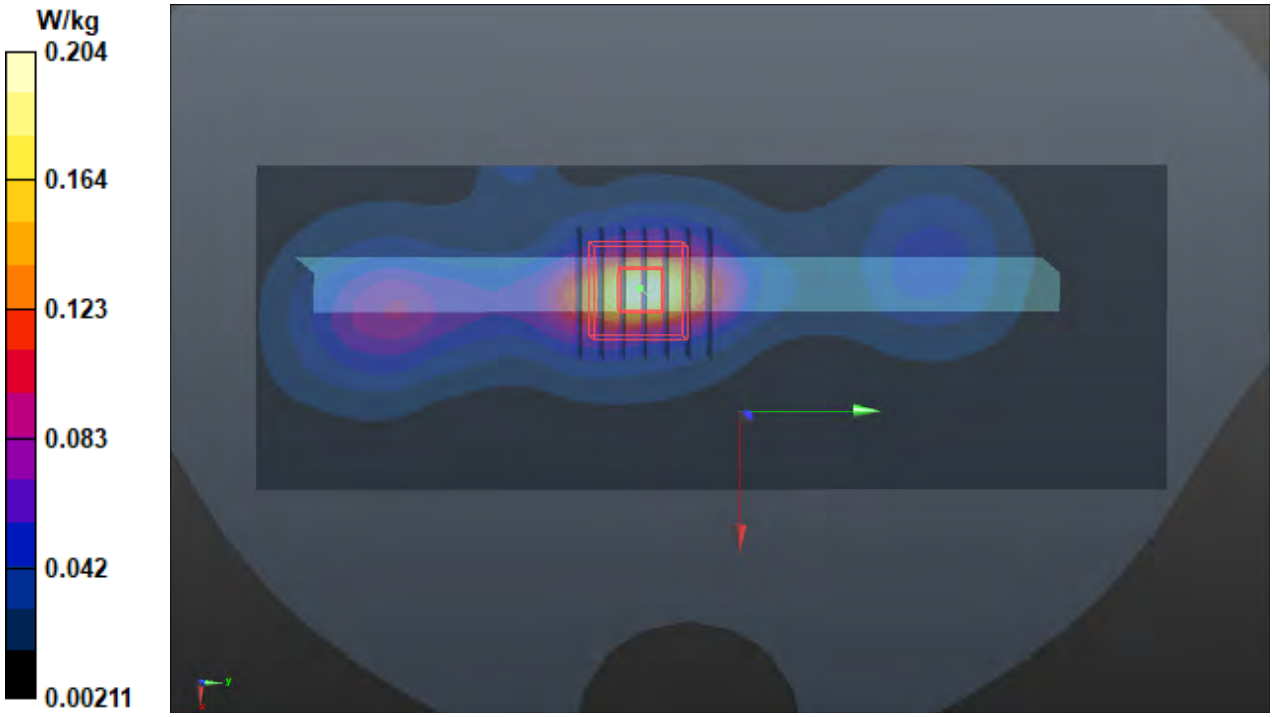
DUT: BFLF-WTW-P20120540

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2402 MHz;Duty Cycle: 1:1.31
Medium: H19T27N1_0226 Medium parameters used: f = 2402 MHz; σ = 1.818 S/m; ε_r = 39.118; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.69, 7.69, 7.69) @ 2402 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.204 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.97 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.062 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 52.6%
Maximum value of SAR (measured) = 0.202 W/kg



P1003 WLAN2.4G_802.11b_Right Side_10mm_Ch1_Ant 6+4

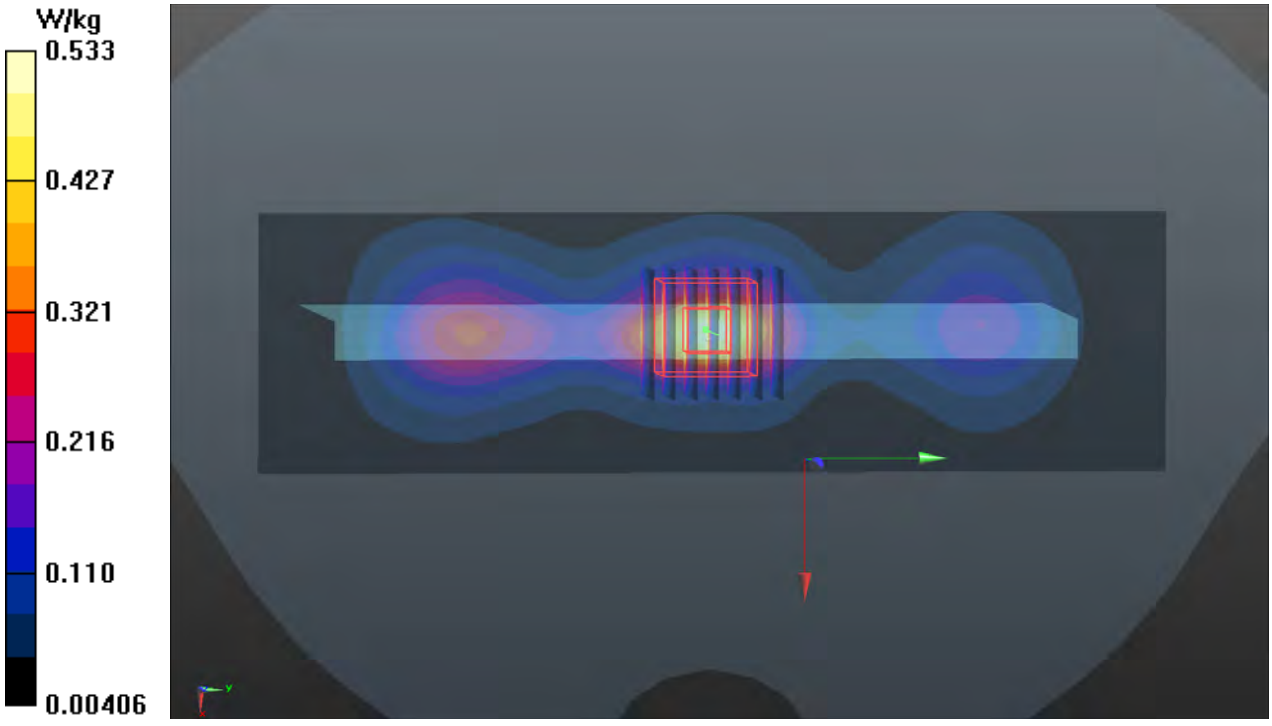
DUT: BFLF-WTW-P20120540

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);
Frequency: 2412 MHz;Duty Cycle: 1:1.02
Medium: H19T27N1_0303 Medium parameters used: f = 2412 MHz; σ = 1.837 S/m; ε_r = 38.484; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.69, 7.69, 7.69) @ 2412 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.533 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.32 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.253 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 52.6%
Maximum value of SAR (measured) = 0.873 W/kg



P1005 WLAN5.2G_802.11ac VHT80_Rear Face_10mm_Ch42_Ant 6

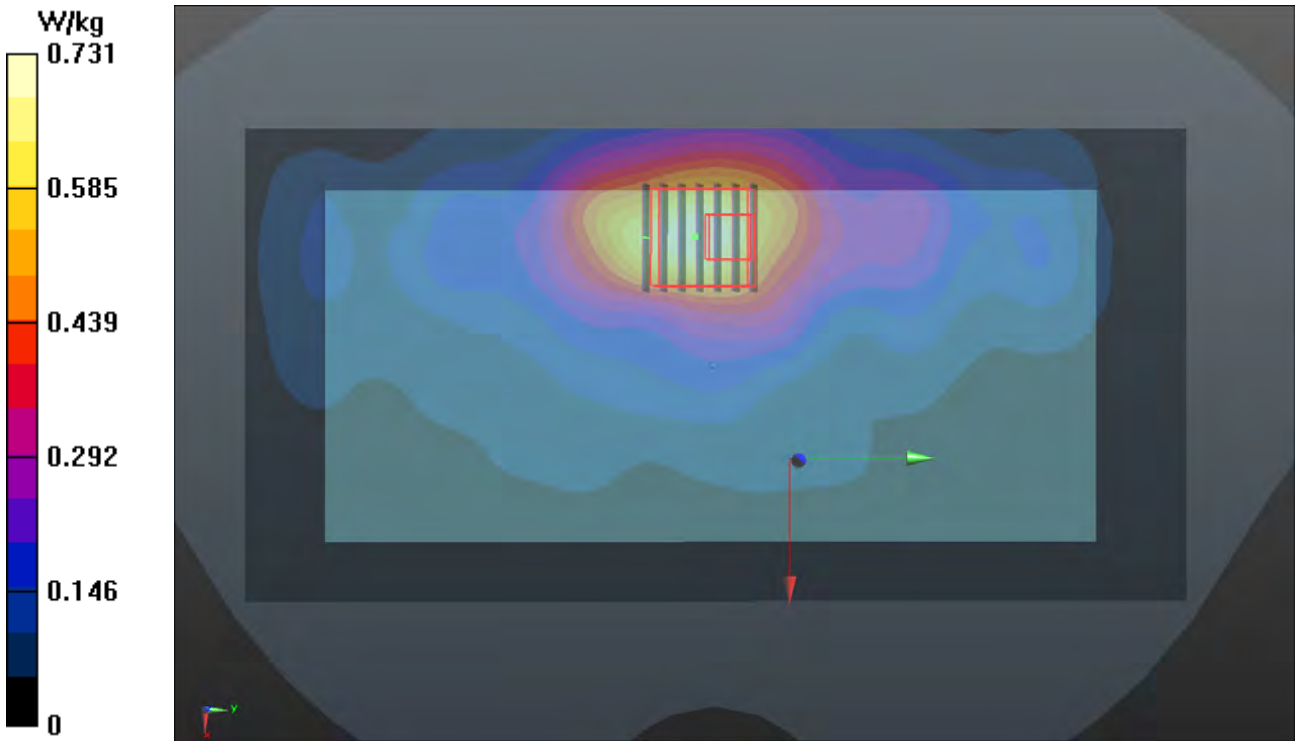
DUT: BFLF-WTW-P20120540

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5210 MHz;Duty Cycle: 1:1.01
Medium: H34T60N1_0304 Medium parameters used: f = 5210 MHz; σ = 4.738 S/m; ε_r = 35.414; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(5.72, 5.72, 5.72) @ 5210 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.731 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.14 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.146 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 13.6 mm
Ratio of SAR at M2 to SAR at M1 = 66.9%
Maximum value of SAR (measured) = 0.724 W/kg



P1014 WLAN5.8G_802.11ac VHT80_Rear Face_10mm_Ch155_Ant 6+3

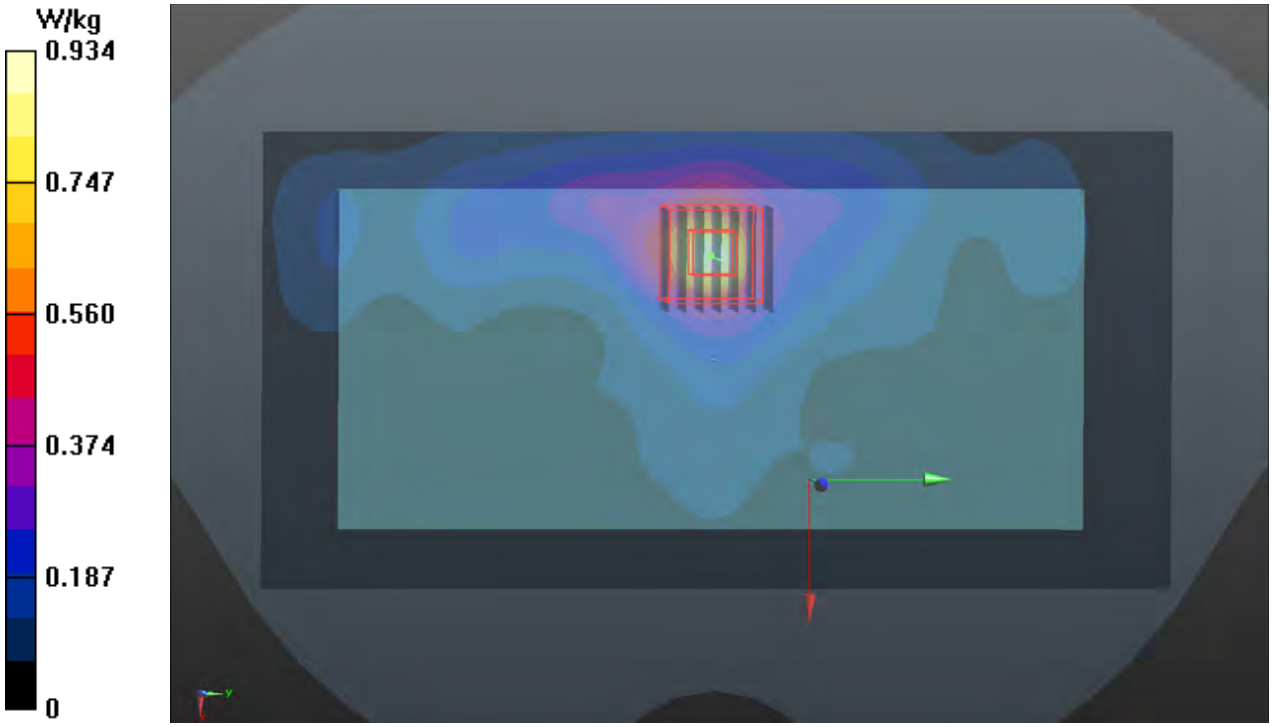
DUT: BFLF-WTW-P20120540

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz;Duty Cycle: 1:1.01
Medium: H34T60N1_0304 Medium parameters used: f = 5775 MHz; σ = 5.354 S/m; ε_r = 34.336; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(5.25, 5.25, 5.25) @ 5775 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.934 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.36 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.154 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.4 mm
Ratio of SAR at M2 to SAR at M1 = 62.9%
Maximum value of SAR (measured) = 0.935 W/kg



Appendix B-1 SAR Plots of SAR Measurement (Phablet)

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

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/02/24

P459 LTE 2_QPSK20M_Left Side_0mm_Ch18700_1RB_0S0_Ant 9

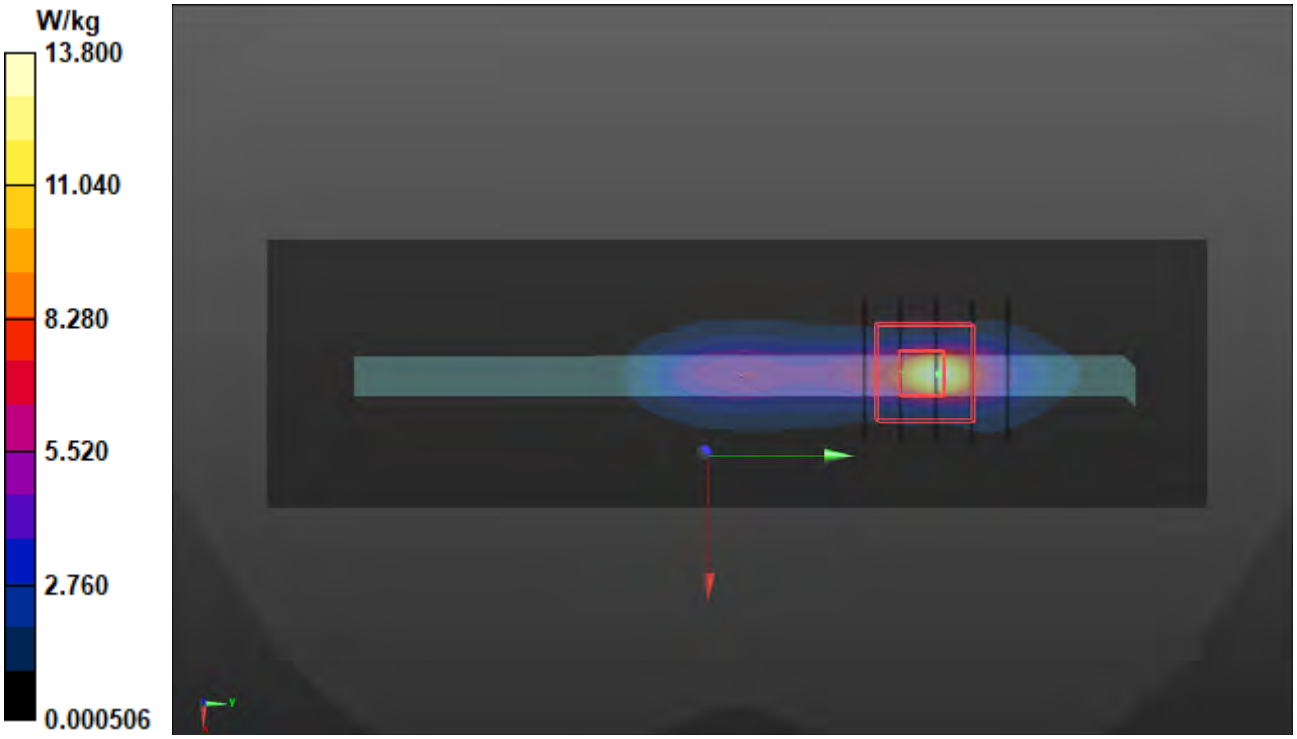
DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1860 MHz;Duty Cycle: 1:3.74
Medium: H16T20N1_0224 Medium parameters used: f = 1860 MHz; σ = 1.423 S/m; ε_r = 38.42; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.23, 8.23, 8.23) @ 1860 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2020/05/27
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.8 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 103.3 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 17.4 W/kg
SAR(1 g) = 4.97 W/kg; SAR(10 g) = 1.71 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 34.7%
Maximum value of SAR (measured) = 14.1 W/kg



P460 LTE 7_QPSK20M_Bottom Side_0mm_Ch20850_1RB_OS0_Ant 1_Power Reduction w

DUT: BFLF-WTW-P20120540

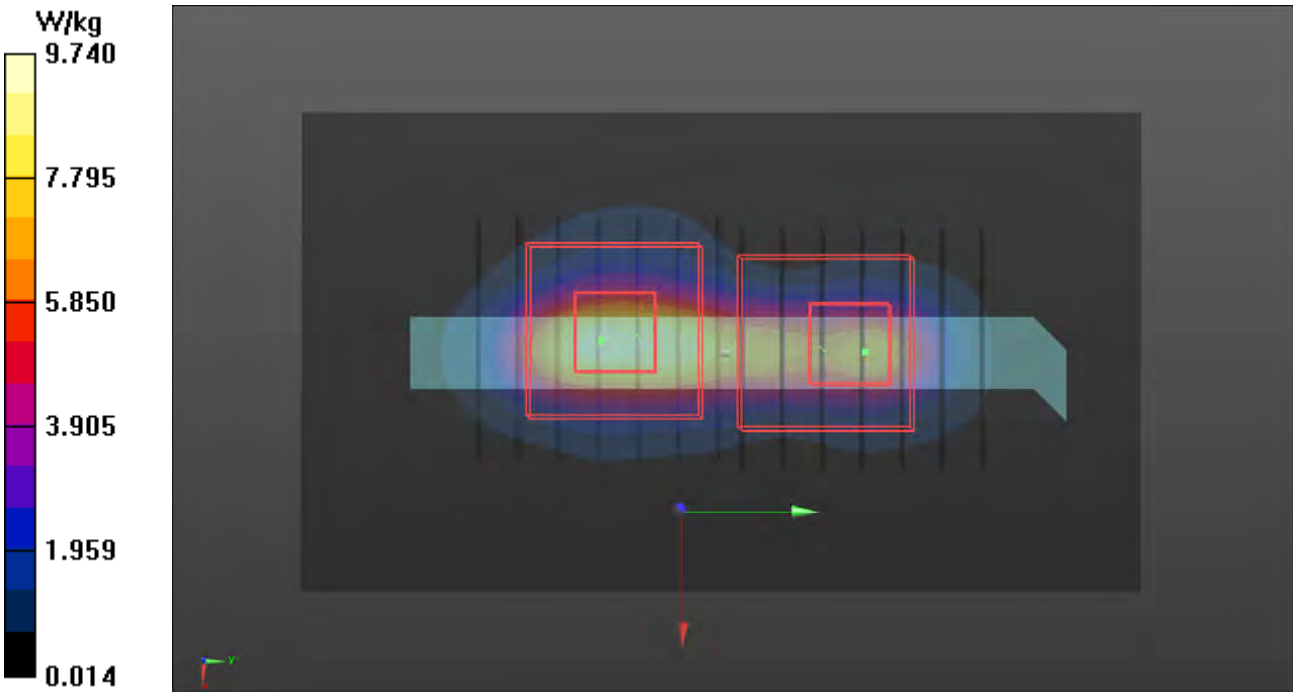
Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2510 MHz;Duty Cycle: 1:3.74
Medium: H19T27N1_0309 Medium parameters used: f = 2510 MHz; σ = 1.923 S/m; ε_r = 37.858; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2510 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 9.74 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 71.28 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 14.4 W/kg
SAR(1 g) = 5.91 W/kg; SAR(10 g) = 2.33 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 43.7%
Maximum value of SAR (measured) = 11.4 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 71.28 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 12.5 W/kg
SAR(1 g) = 3.46 W/kg; SAR(10 g) = 1.15 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 38.8%
Maximum value of SAR (measured) = 8.43 W/kg


W/kg
9.740
7.795
5.850
3.905
1.959
0.014

P461 LTE 7_QPSK20M_Left Side_0mm_Ch21100_1RB_OS0_Ant 9

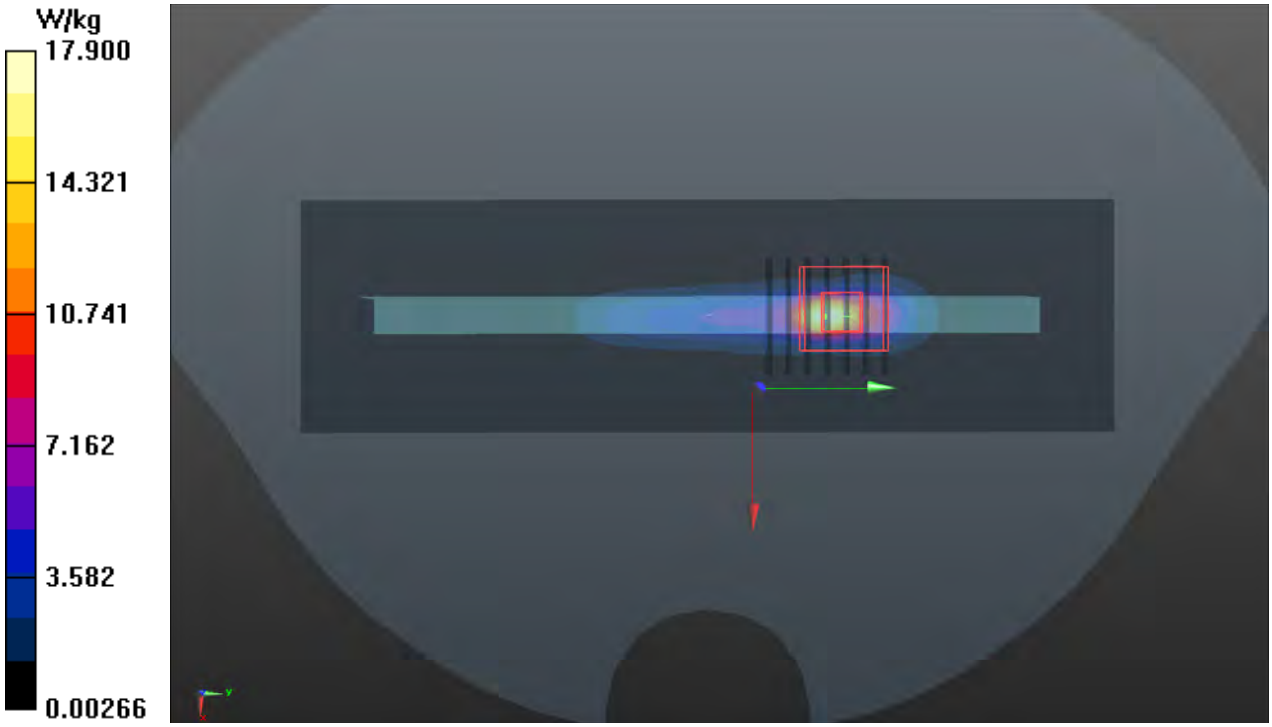
DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2535 MHz;Duty Cycle: 1:3.74
Medium: H19T27N1_0310 Medium parameters used (interpolated): f = 2535 MHz; σ = 1.969 S/m;
ε_r = 38.276; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2535 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 17.9 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 97.66 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 26.9 W/kg
SAR(1 g) = 6.41 W/kg; SAR(10 g) = 2.05 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.2 mm
Ratio of SAR at M2 to SAR at M1 = 30.8%
Maximum value of SAR (measured) = 18.1 W/kg



P462 LTE 30_QPSK10M_Bottom Side_0mm_Ch27710_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

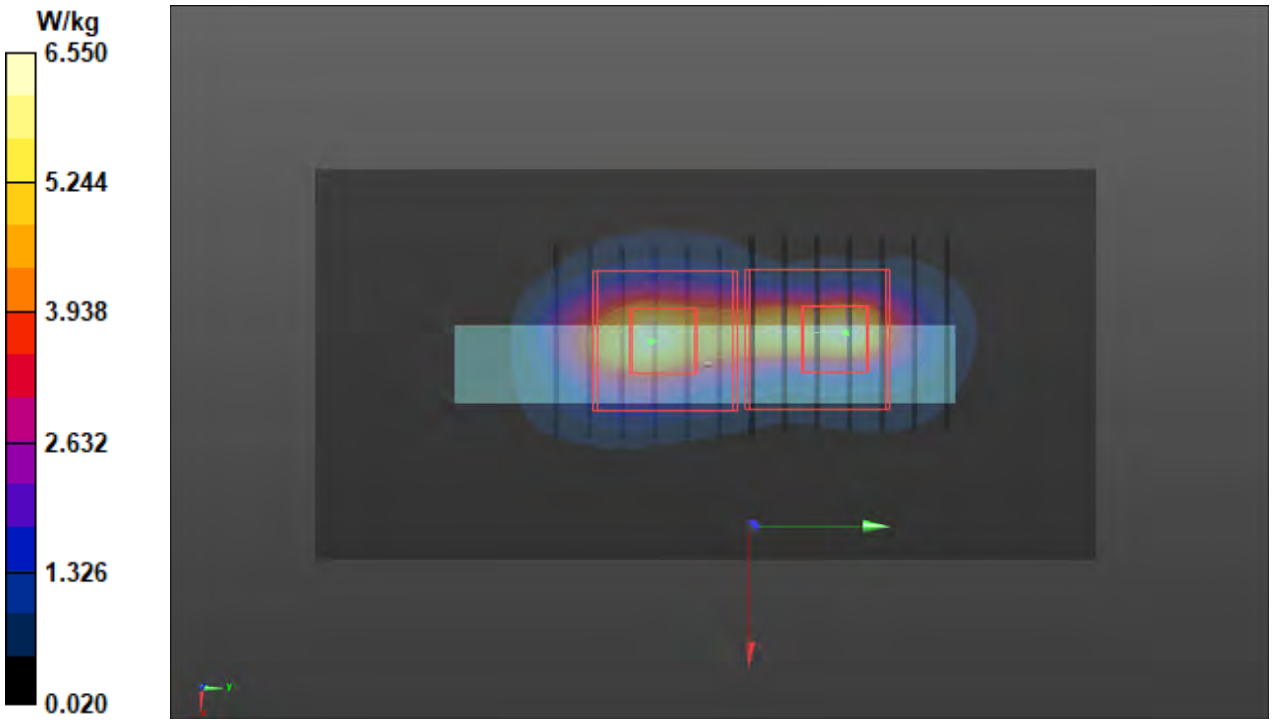
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 2310 MHz;Duty Cycle: 1:3.74
Medium: H19T27N1_0220 Medium parameters used: f = 2310 MHz; σ = 1.739 S/m; ε_r = 39.444; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(7.72, 7.72, 7.72) @ 2310 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 6.55 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 59.74 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 8.45 W/kg
SAR(1 g) = 3.64 W/kg; SAR(10 g) = 1.47 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 45.4%
Maximum value of SAR (measured) = 6.76 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 59.74 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 12.3 W/kg
SAR(1 g) = 3.16 W/kg; SAR(10 g) = 1.07 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 35.7%
Maximum value of SAR (measured) = 7.96 W/kg


W/kg
6.550
5.244
3.938
2.632
1.326
0.020

P463 LTE 42_QPSK20M_Left Side_0mm_Ch43490_1RB_OS0_Ant 11_Power Reduction w

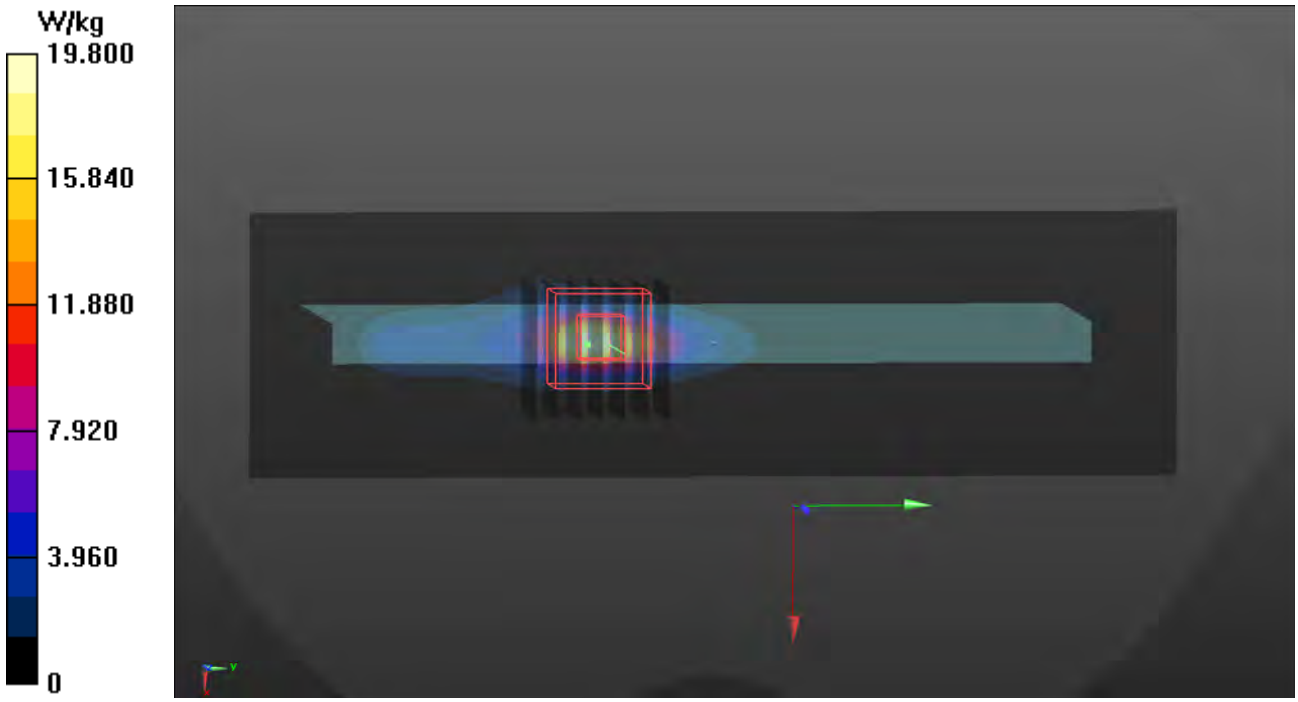
DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 3590 MHz;Duty Cycle: 1:8.33
Medium: H34T38N1_0309 Medium parameters used: f = 3590 MHz; σ = 2.961 S/m; ε_r = 36.371; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7554; ConvF(6.87, 6.87, 6.87) @ 3590 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 19.8 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 86.50 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 46.4 W/kg
SAR(1 g) = 8.04 W/kg; SAR(10 g) = 2.3 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 43.7%
Maximum value of SAR (measured) = 23.8 W/kg



P464 LTE 43_QPSK20M_Left Side_0mm_Ch44190_1RB_OS0_Ant 11_Power Reduction w

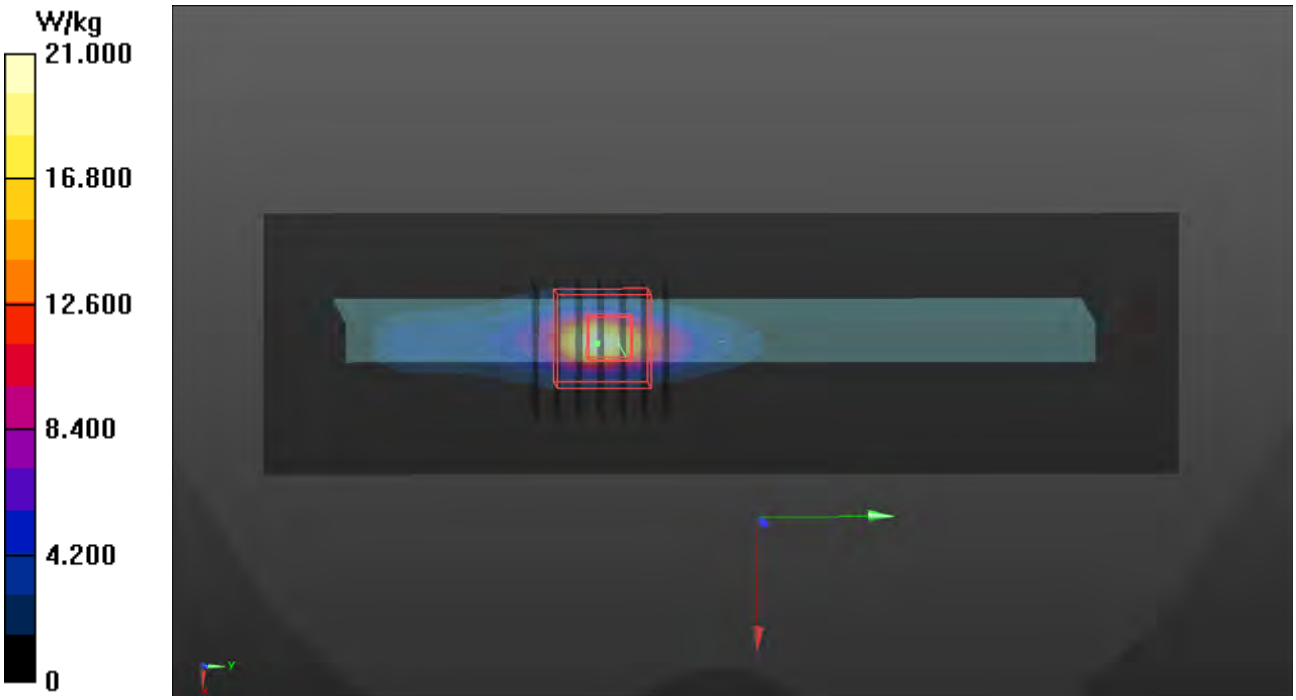
DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 3660 MHz;Duty Cycle: 1:8.33
Medium: H34T38N1_0309 Medium parameters used: f = 3660 MHz; σ = 3.017 S/m; ε_r = 36.24; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7554; ConvF(6.67, 6.67, 6.67) @ 3660 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 21.0 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 87.84 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 47.5 W/kg
SAR(1 g) = 8.13 W/kg; SAR(10 g) = 2.3 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 43.4%
Maximum value of SAR (measured) = 24.4 W/kg



P465 LTE 48_QPSK20M_Left Side_0mm_Ch55780_1RB_OS0_Ant 11_Power Reduction w

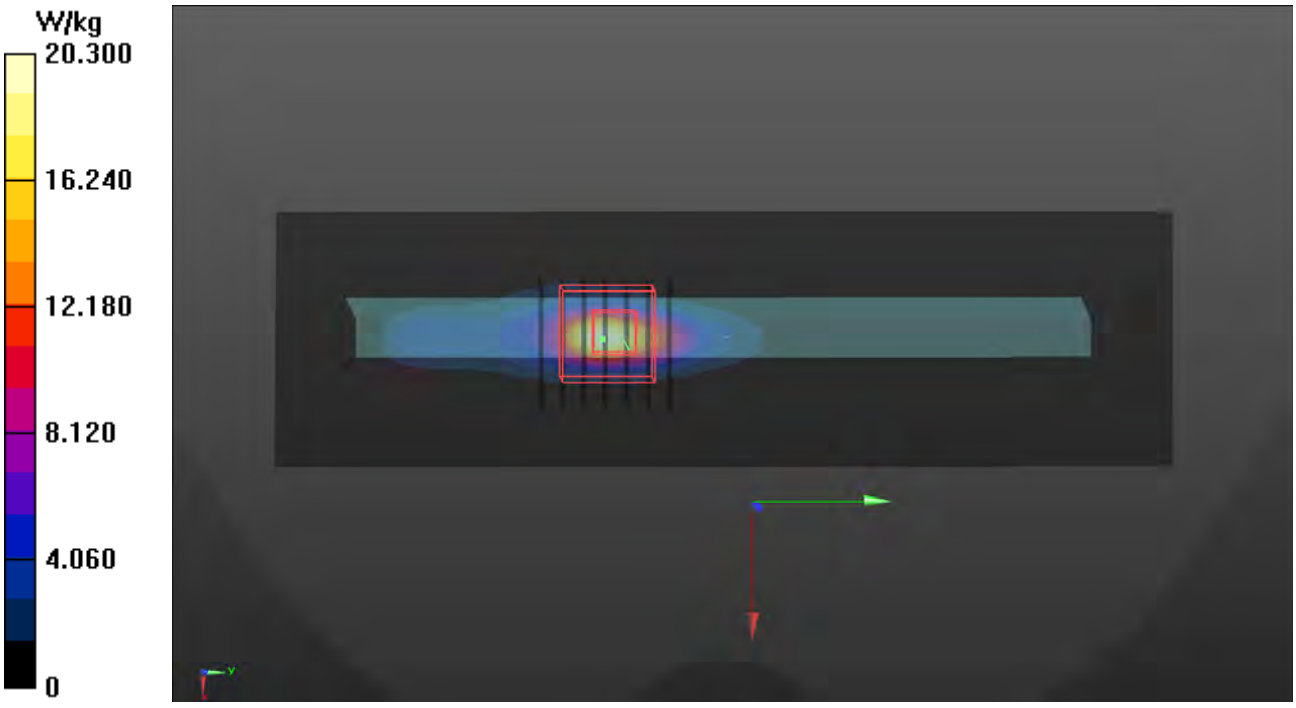
DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 3603 MHz;Duty Cycle: 1:8.33
Medium: H34T38N1_0309 Medium parameters used: f = 3603 MHz; σ = 2.966 S/m; ε_r = 36.357; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7554; ConvF(6.67, 6.67, 6.67) @ 3603 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 20.3 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 87.19 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 45.7 W/kg
SAR(1 g) = 7.91 W/kg; SAR(10 g) = 2.27 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.2 mm
Ratio of SAR at M2 to SAR at M1 = 43.5%
Maximum value of SAR (measured) = 23.9 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/02/24

P466 LTE 66_QPSK20M_Left Side_0mm_Ch132572_1RB_0S0_Ant 9

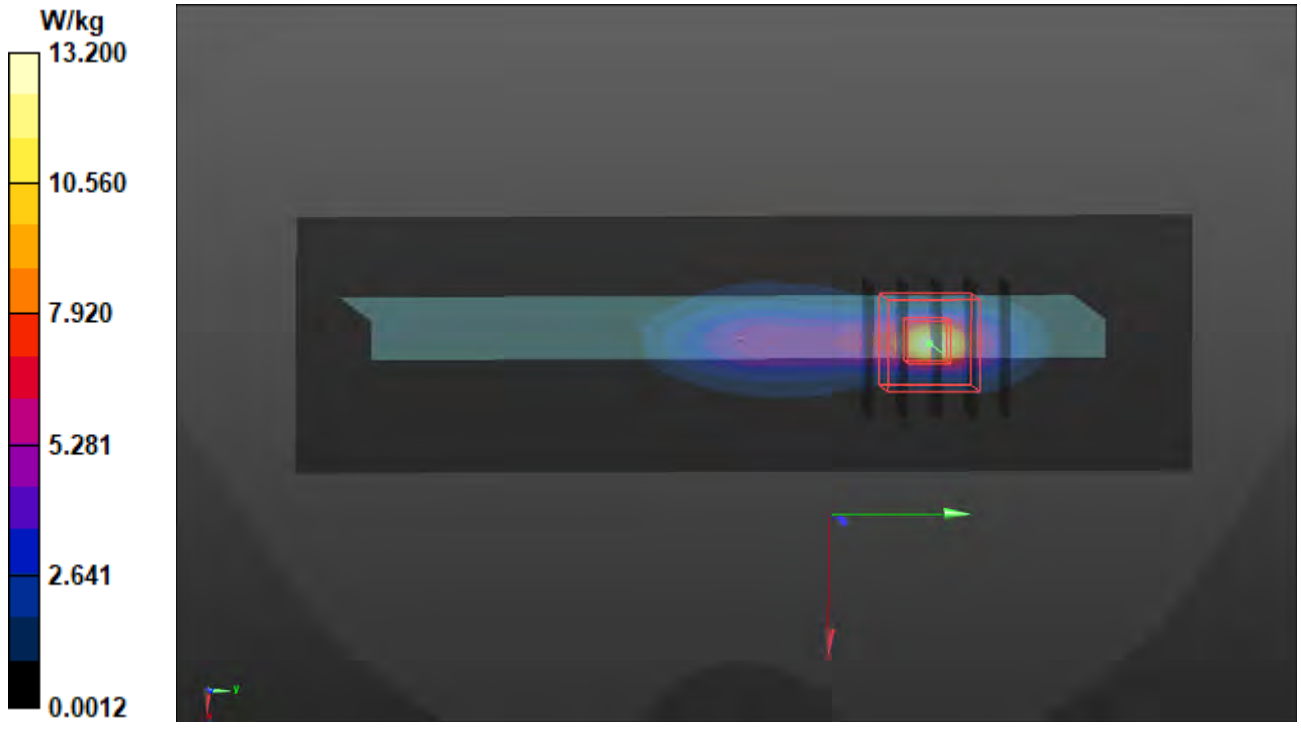
DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1770 MHz;Duty Cycle: 1:3.74
Medium: H16T20N1_0224 Medium parameters used: f = 1770 MHz; σ = 1.345 S/m; ε_r = 38.782; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.54, 8.54, 8.54) @ 1770 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2020/05/27
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.2 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 101.1 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 4.86 W/kg; SAR(10 g) = 1.72 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 38.5%
Maximum value of SAR (measured) = 13.3 W/kg



P1305 5GNR-n7_DFT-S_QPSK50M_Bottom Side_0mm_Ch505000_1RB_OS1_Ant 1

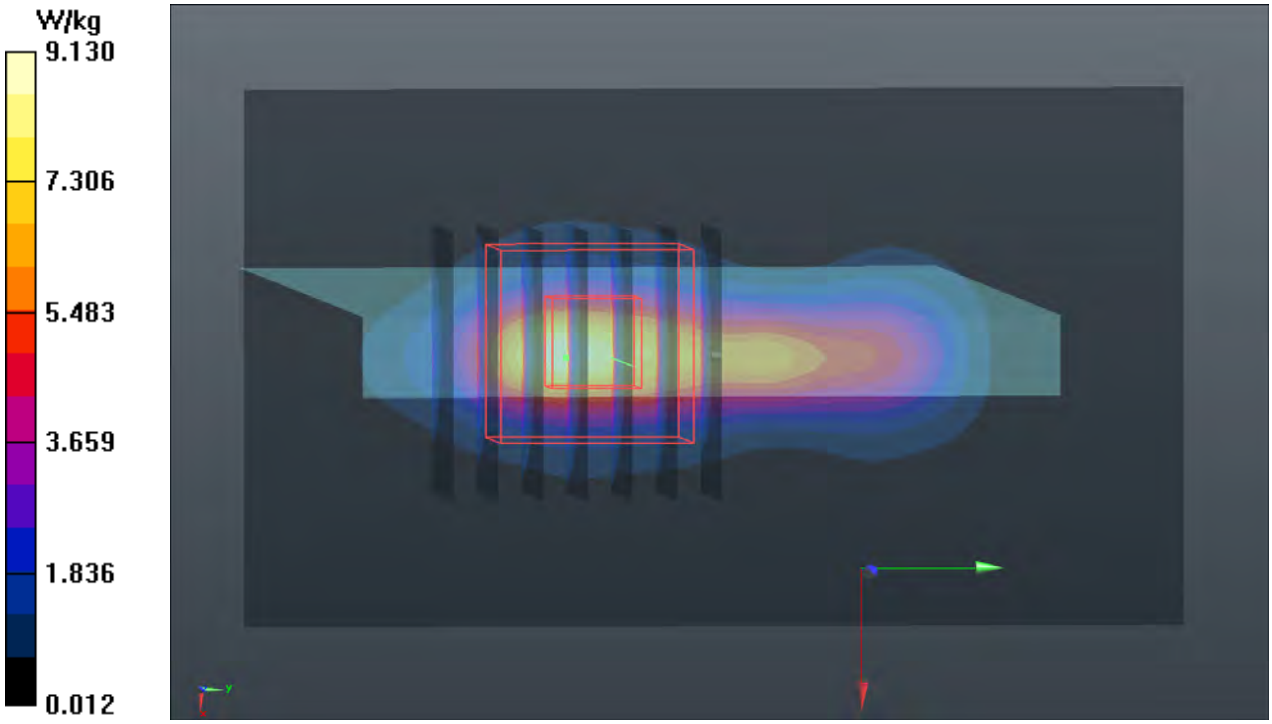
DUT: BFLF-WTW-P20120540

Communication System: UID 10935 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz); Frequency: 2525 MHz;Duty Cycle: 1:3.56
Medium: H19T27N1_0311 Medium parameters used (interpolated): f = 2525 MHz; σ = 1.953 S/m; ε_r = 38.832; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2525 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 9.13 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 63.62 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 12.4 W/kg
SAR(1 g) = 4.87 W/kg; SAR(10 g) = 2.03 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 41.9%
Maximum value of SAR (measured) = 9.15 W/kg



P467 5GNR-n7_DFT-S_QPSK40M_Bottom Side_0mm_Ch504000_1RB_OS1_Ant 1

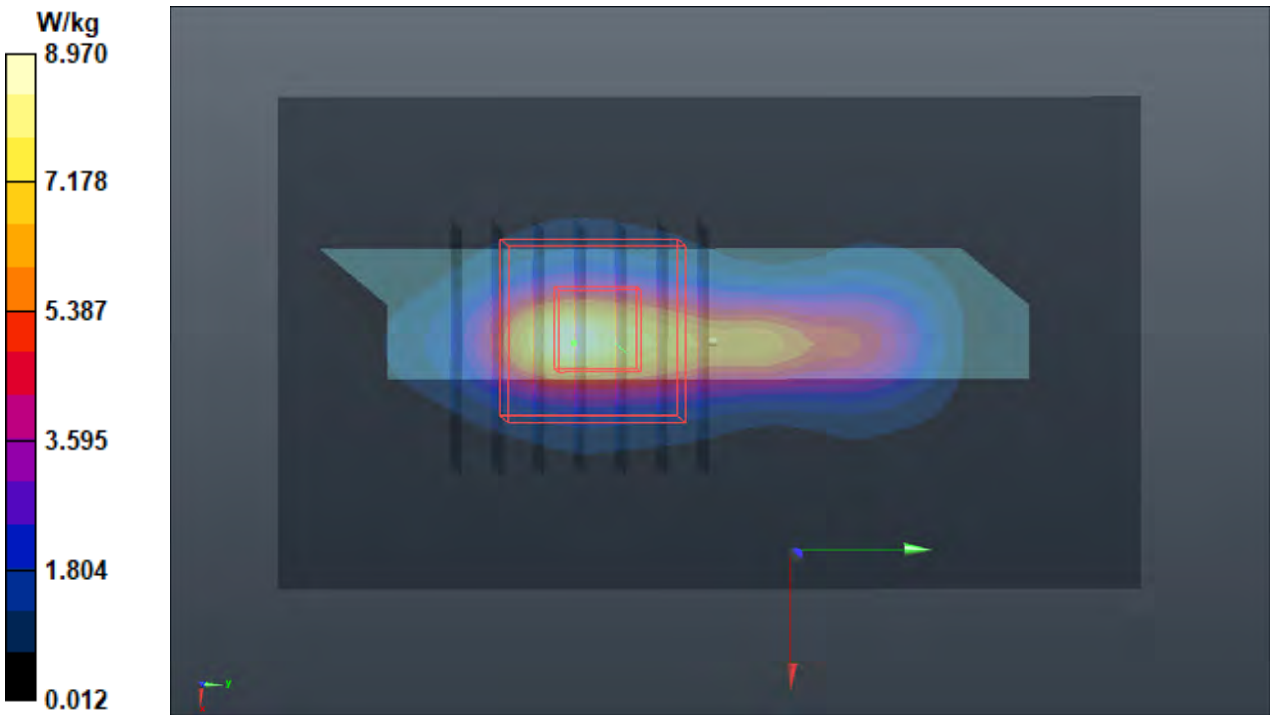
DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2520 MHz;Duty Cycle: 1:3.56
Medium: H19T27N1_0309 Medium parameters used: f = 2520 MHz; σ = 1.923 S/m; ε_r = 37.957; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2520 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 8.97 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 63.55 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 4.75 W/kg; SAR(10 g) = 1.97 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 41.9%
Maximum value of SAR (measured) = 8.99 W/kg



P468 5GNR-n25_DFT-S QPSK40M_Left Side_0mm_Ch374000_1RB_0S1_Ant 9

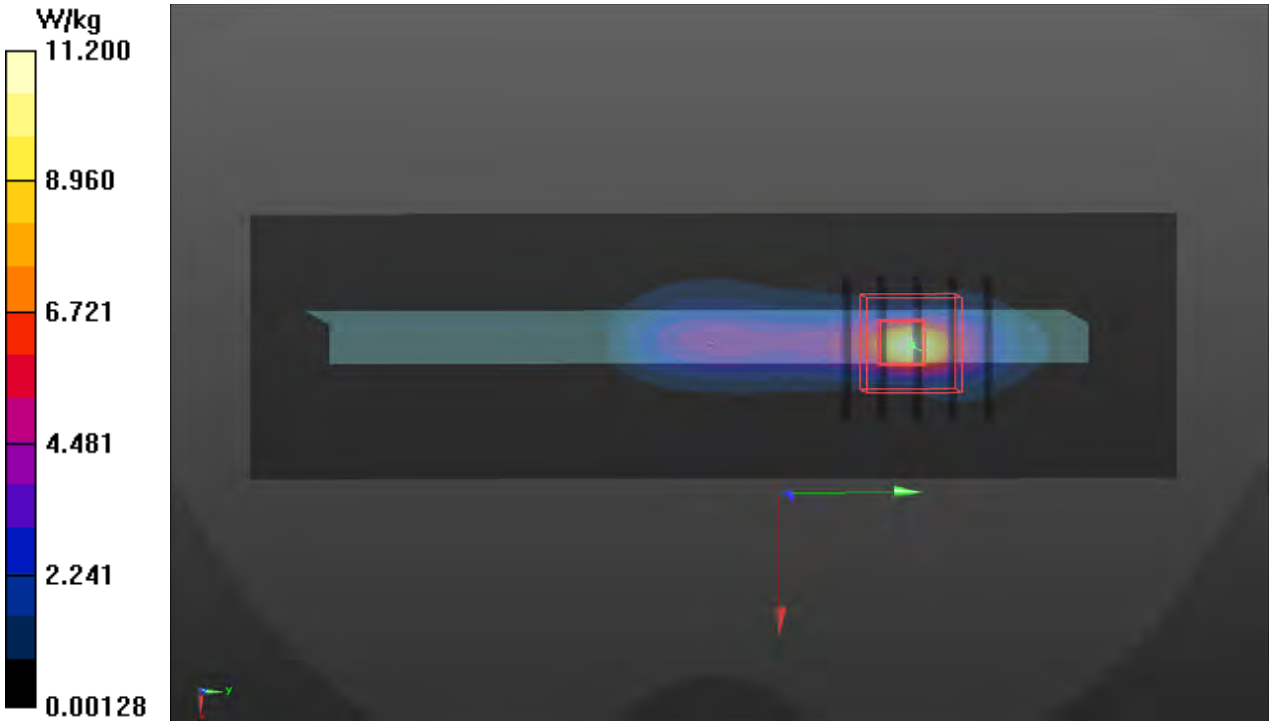
DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1870 MHz;Duty Cycle: 1:3.56
Medium: H16T20N1_0224 Medium parameters used: f = 1870 MHz; σ = 1.432 S/m; ε_r = 38.388; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.23, 8.23, 8.23) @ 1870 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2020/05/27
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.2 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 92.64 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 13.5 W/kg
SAR(1 g) = 4.07 W/kg; SAR(10 g) = 1.47 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 30.7%
Maximum value of SAR (measured) = 11.0 W/kg



P469 5GNR-n38_DFT-S_QPSK40M_Bottom Side_0mm_Ch520000_1RB_OS1_Ant 1

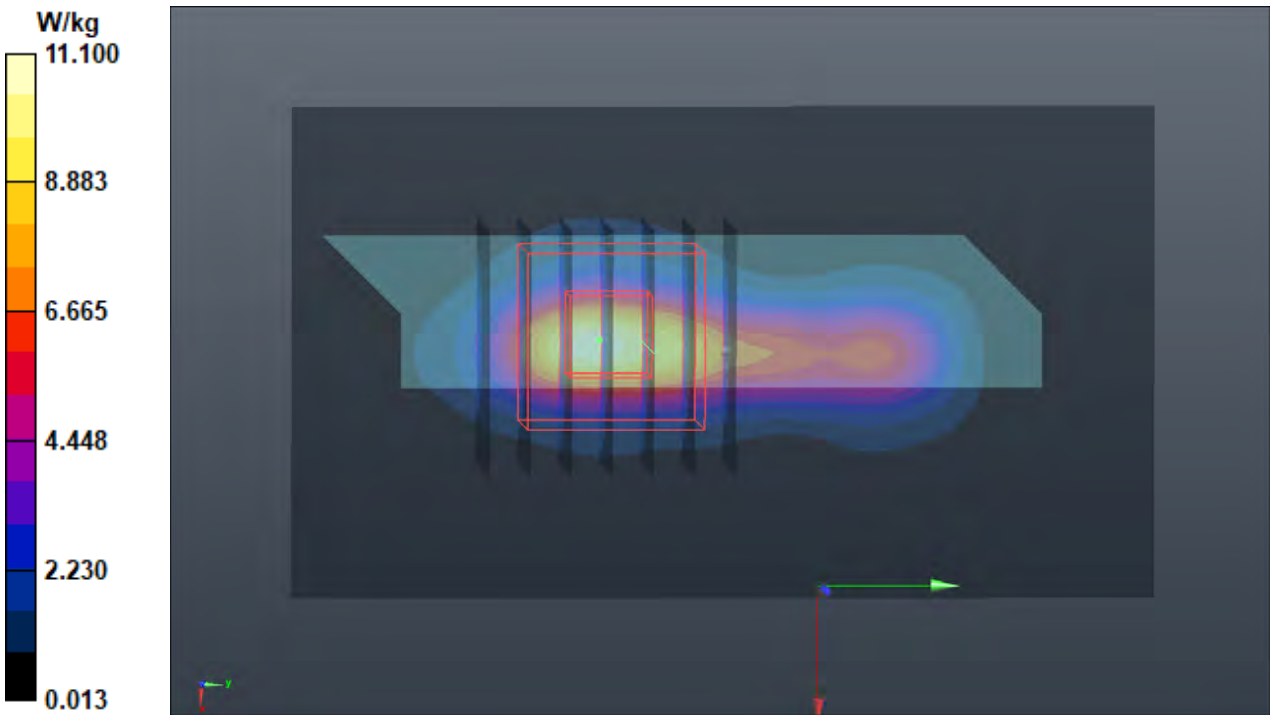
DUT: BFLF-WTW-P20120540

Communication System: UID 10903 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz); Frequency: 2600 MHz;Duty Cycle: 1:3.7
Medium: H19T27N1_0309 Medium parameters used: f = 2600 MHz; σ = 2.005 S/m; ε_r = 37.66; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2600 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 11.1 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 71.21 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 16.0 W/kg
SAR(1 g) = 6.13 W/kg; SAR(10 g) = 2.39 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 40%
Maximum value of SAR (measured) = 11.9 W/kg



P472 5GNR-n41_DFT-S QPSK100M_Top Side_0mm_Ch523302_1RB_0S1_Ant 2

DUT: BFLF-WTW-P20120540

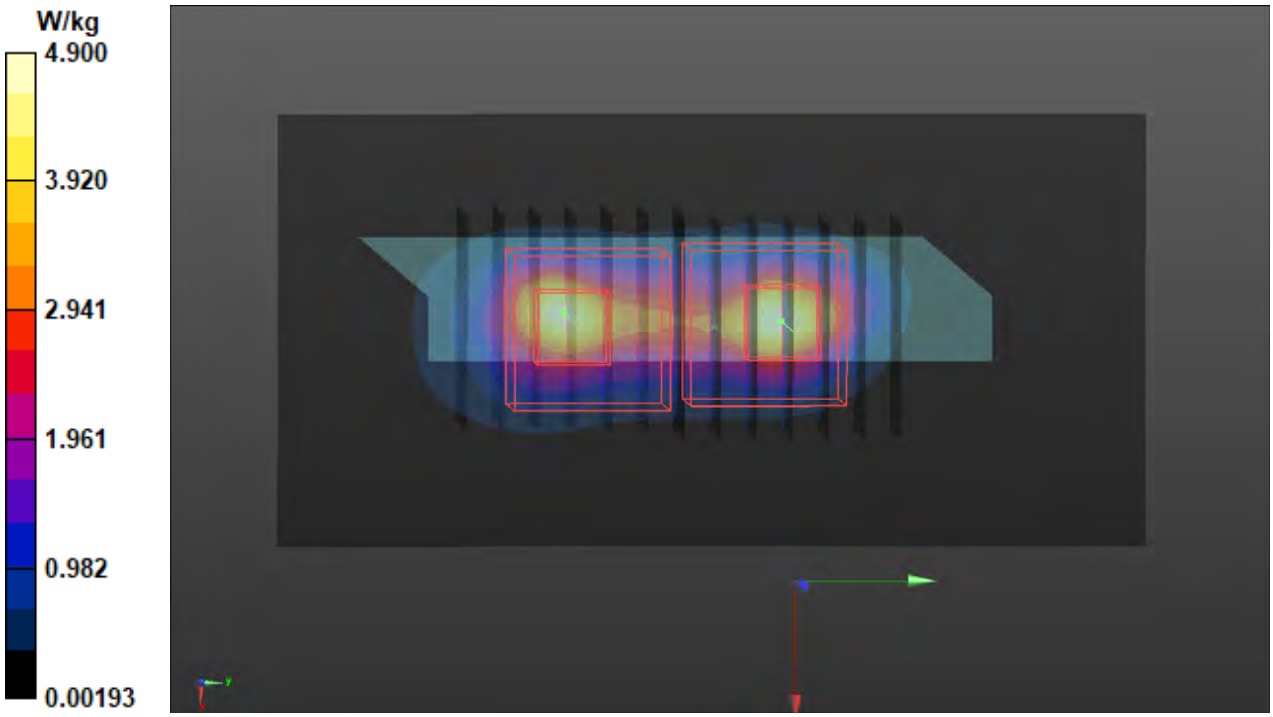
Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2616.51 MHz;Duty Cycle: 1:3.7
Medium: H19T27N1_0224 Medium parameters used (interpolated): f = 2616.51 MHz; σ = 2.044 S/m; ε_r = 37.451; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.56, 7.56, 7.56) @ 2616.51 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2020/05/27
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.90 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 42.19 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 9.57 W/kg
SAR(1 g) = 2.95 W/kg; SAR(10 g) = 0.991 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.5 mm
Ratio of SAR at M2 to SAR at M1 = 35.5%
Maximum value of SAR (measured) = 6.22 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 42.19 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 6.08 W/kg
SAR(1 g) = 2.37 W/kg; SAR(10 g) = 0.947 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 6.7 mm
Ratio of SAR at M2 to SAR at M1 = 40.7%
Maximum value of SAR (measured) = 4.71 W/kg


W/kg
4.900
3.920
2.941
1.961
0.982
0.00193

P474 5GNR-n77_DFT-S_QPSK100M_Left Side_0mm_Ch659000_1RB_OS1_Ant 11

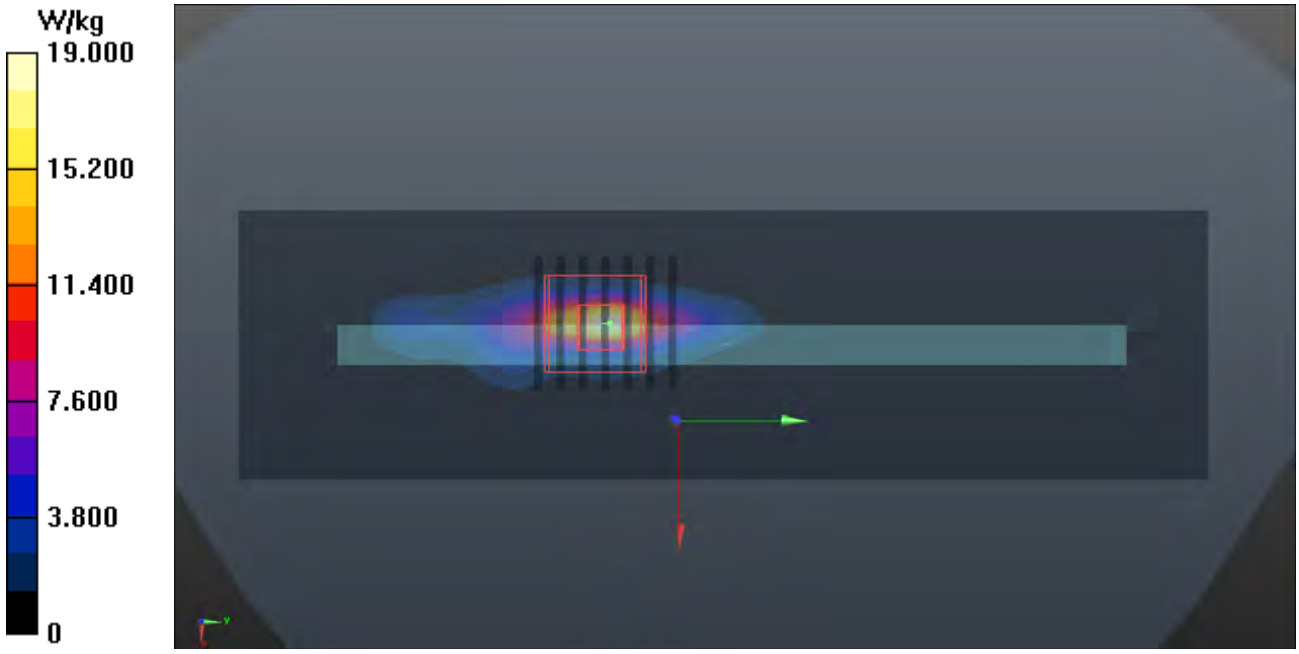
DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3885 MHz;Duty Cycle: 1:3.7
Medium: H33T42N1_0309 Medium parameters used (interpolated): f = 3885 MHz; σ = 3.226 S/m; ε_r = 36.847; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃ ； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(6.87, 6.87, 6.87) @ 3885 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 19.0 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 82.01 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 45.1 W/kg
SAR(1 g) = 9.04 W/kg; SAR(10 g) = 2.47 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 53%
Maximum value of SAR (measured) = 25.3 W/kg



P475 5GNR-n78_DFT-S_QPSK100M_Left Side_0mm_Ch650000_1RB_OS1_Ant 11

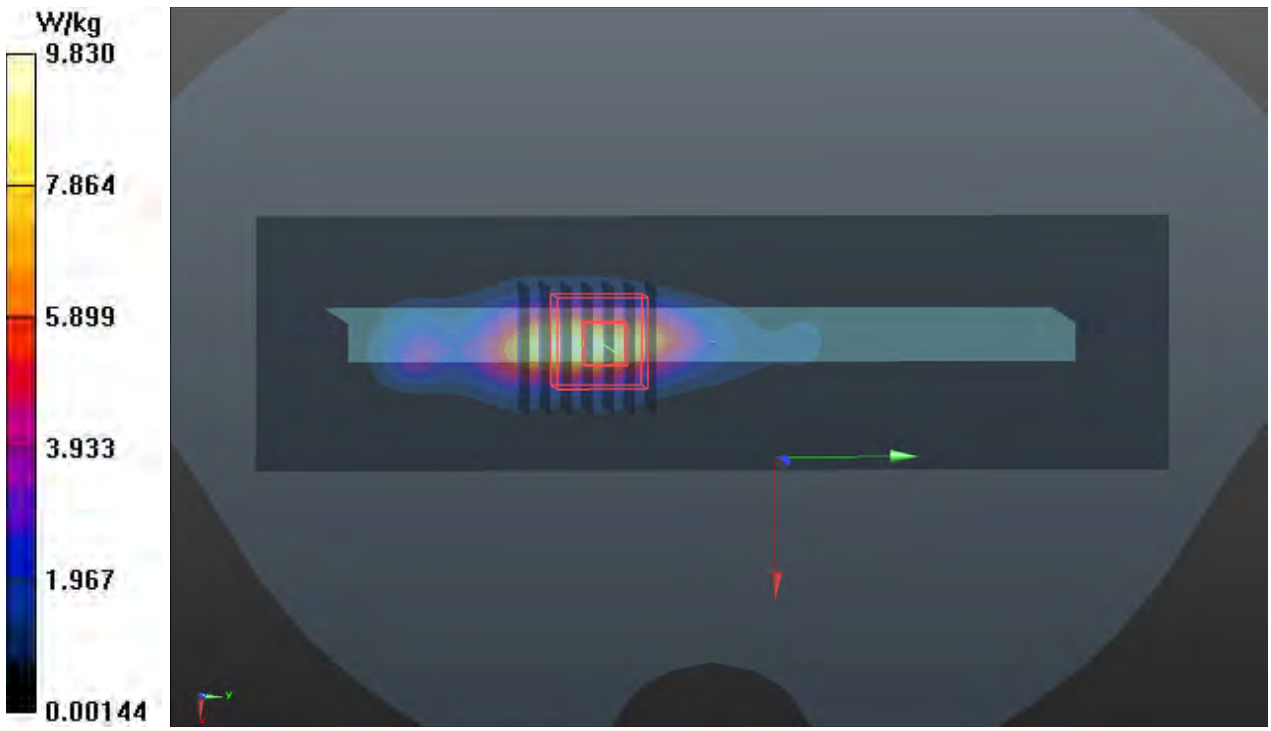
DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3750 MHz;Duty Cycle: 1:3.7
Medium: H34T38N1_0309 Medium parameters used: f = 3750 MHz; σ = 3.121 S/m; ε_r = 36.646; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.07, 7.07, 7.07) @ 3750 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 9.83 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 44.58 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 38.6 W/kg
SAR(1 g) = 7.2 W/kg; SAR(10 g) = 2.07 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.3 mm
Ratio of SAR at M2 to SAR at M1 = 44.6%
Maximum value of SAR (measured) = 23.1 W/kg



P480 WLAN5.3G_802.11ac VHT160_Front Face_0mm_Ch50_Ant 4

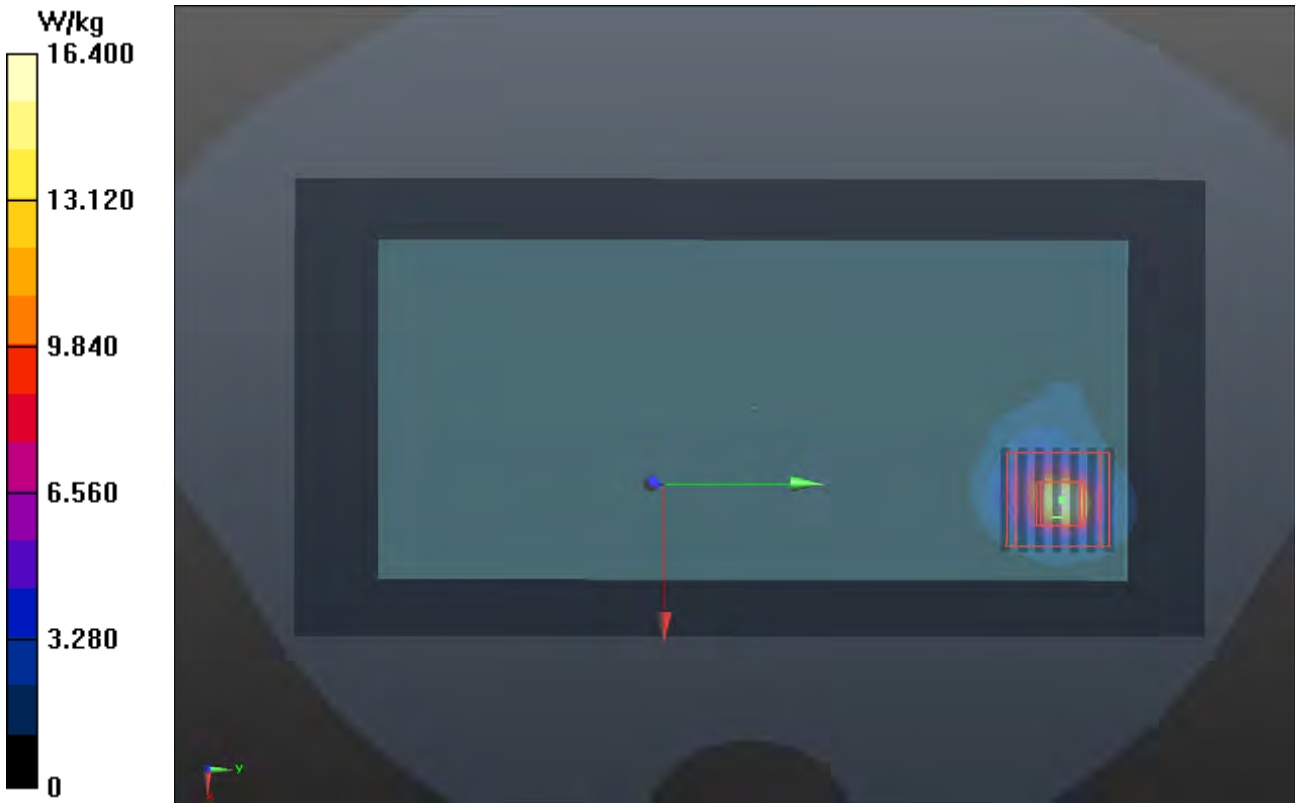
DUT: BFLF-WTW-P20120540

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz;Duty Cycle: 1:1.02
Medium: H34T60N1_0226 Medium parameters used: f = 5250 MHz; σ = 4.766 S/m; ε_r = 36.972; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ； Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(5.72, 5.72, 5.72) @ 5250 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.4 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 61.91 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 25.8 W/kg
SAR(1 g) = 6.69 W/kg; SAR(10 g) = 1.98 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 63.6%
Maximum value of SAR (measured) = 14.7 W/kg



P481 WLAN5.6G_802.11ac VHT160_Front Face_0mm_Ch114_Ant 4

DUT: BFLF-WTW-P20120540

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz;Duty Cycle: 1:1.02

Medium: H34T60N1_0307 Medium parameters used: f = 5570 MHz; σ = 5.086 S/m; ε_r = 35.565; ρ = 1000 kg/m^3

Ambient Temperature：23.6 ℃ ; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(5.04, 5.04, 5.04) @ 5570 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 14.7 W/kg

Zoom Scan (7x7x7/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 56.28 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 31.9 W/kg
SAR(1 g = 6.81 W/kg; SAR(10 g = 1.99 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 58.9%
Maximum value of SAR (measured) = 17.1 W/kg