Test Laboratory:BACL.SAR TestingLab

1_WCDMA Band 2_RMC_Body Front(0mm)_Ch9400

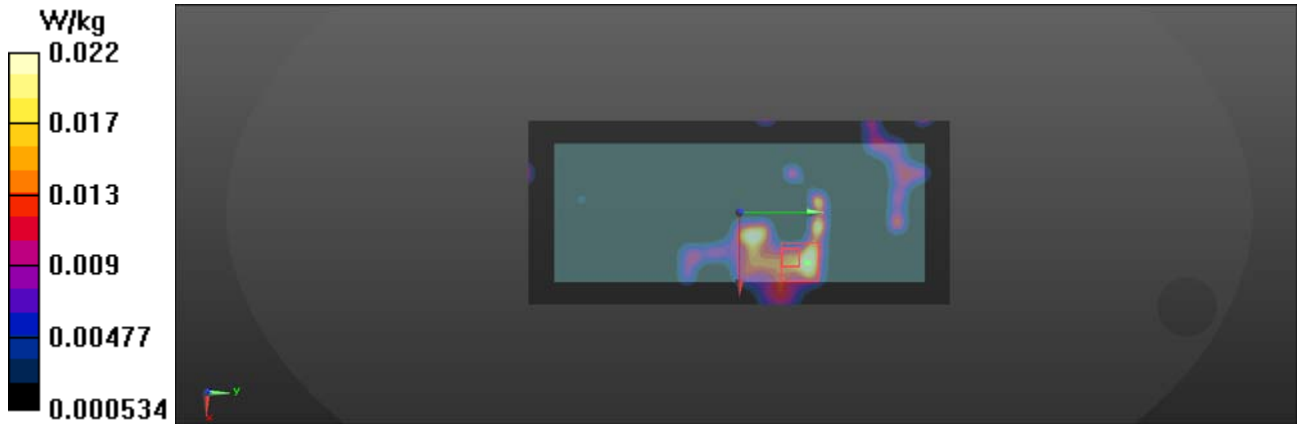
DUT: F20

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch9400/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0257 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.675 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0380 W/kg
SAR(1 g) = 0.00864 W/kg; SAR(10 g) = 0.00376 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 44.7%
Maximum value of SAR (measured) = 0.0217 W/kg



Test Laboratory:BACL.SAR TestingLab

2_WCDMA Band 2_RMC_Body Back(0mm)_Ch9400

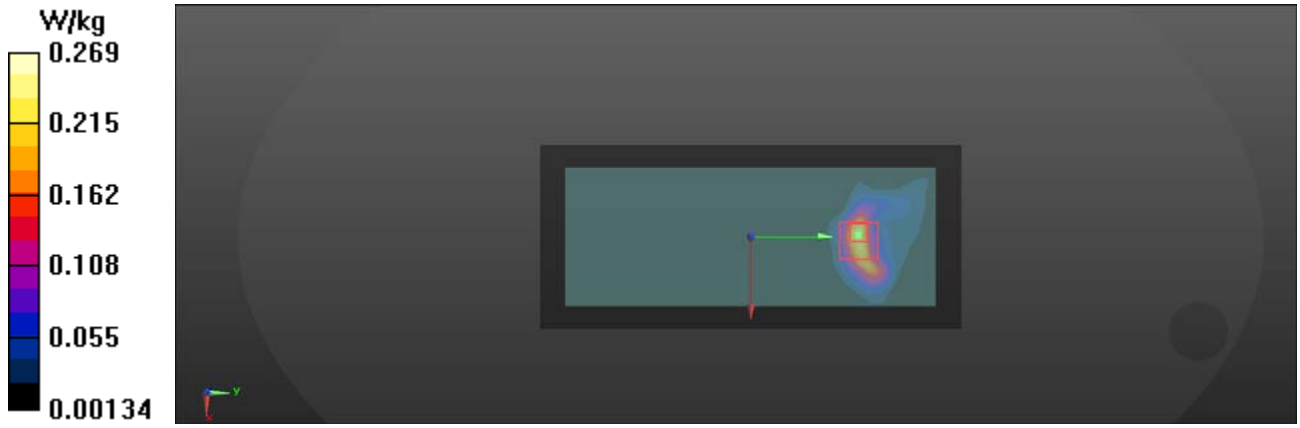
DUT: F20

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch9400/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.232 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.13 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.358 W/kg
SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.057 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 37.1%
Maximum value of SAR (measured) = 0.269 W/kg



Test Laboratory:BACL.SAR TestingLab

2-2_WCDMA Band 2_RMC_Body Back(0mm)_Ch9400

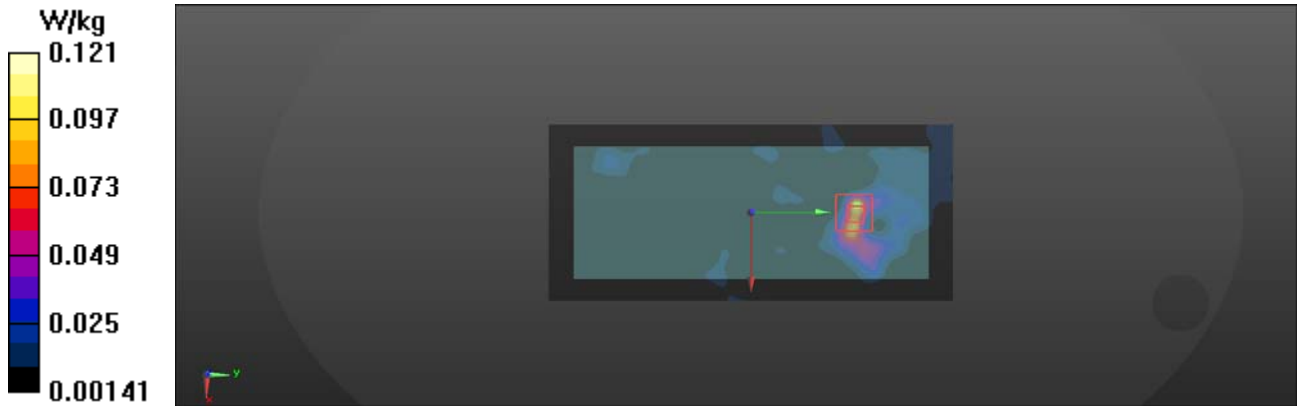
DUT: F20

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch9400 Type 2/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.105 W/kg

Ch9400 Type 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.422 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.024 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 32.7%
Maximum value of SAR (measured) = 0.121 W/kg



Test Laboratory:BACL.SAR TestingLab

3_WCDMA Band 2_RMC_Body Left(0mm)_Ch9400

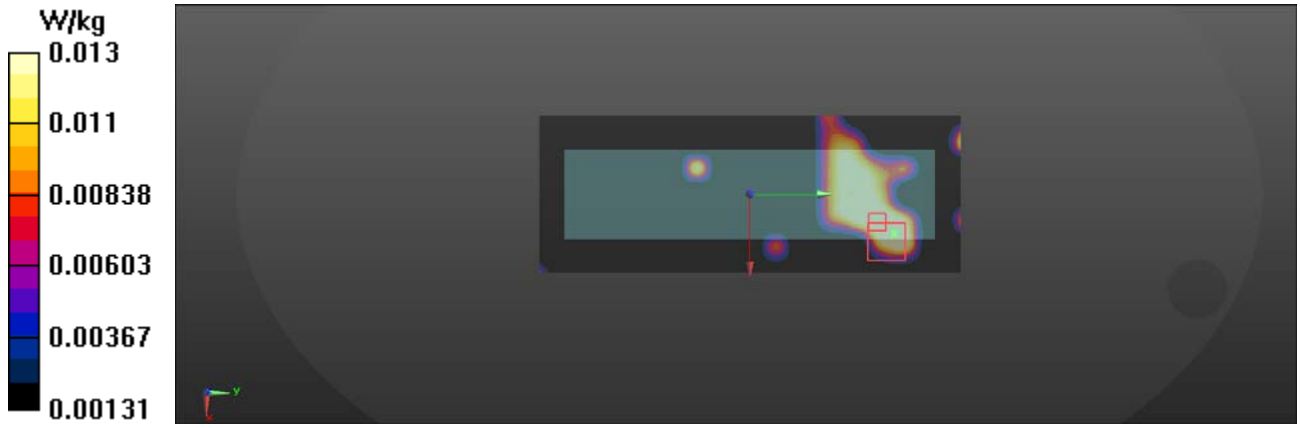
DUT: F20

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch9400/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0180 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.610 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0220 W/kg
SAR(1 g) = 0.0051 W/kg; SAR(10 g) = 0.00182 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 74.7%
Maximum value of SAR (measured) = 0.0131 W/kg



Test Laboratory:BACL.SAR TestingLab

4_WCDMA Band 2_RMC_Body Right(0mm)_Ch9400

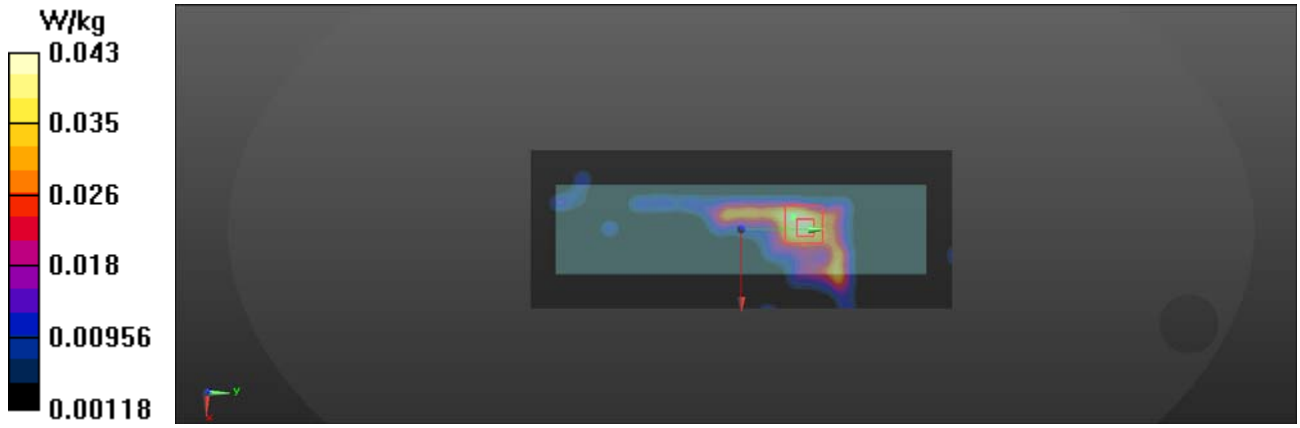
DUT: F20

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch9400/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0430 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.784 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0900 W/kg
SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00956 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 36.3%
Maximum value of SAR (measured) = 0.0431 W/kg



Test Laboratory:BACL.SAR TestingLab

5_WCDMA Band 2_RMC_Body Top(0mm)_Ch9400

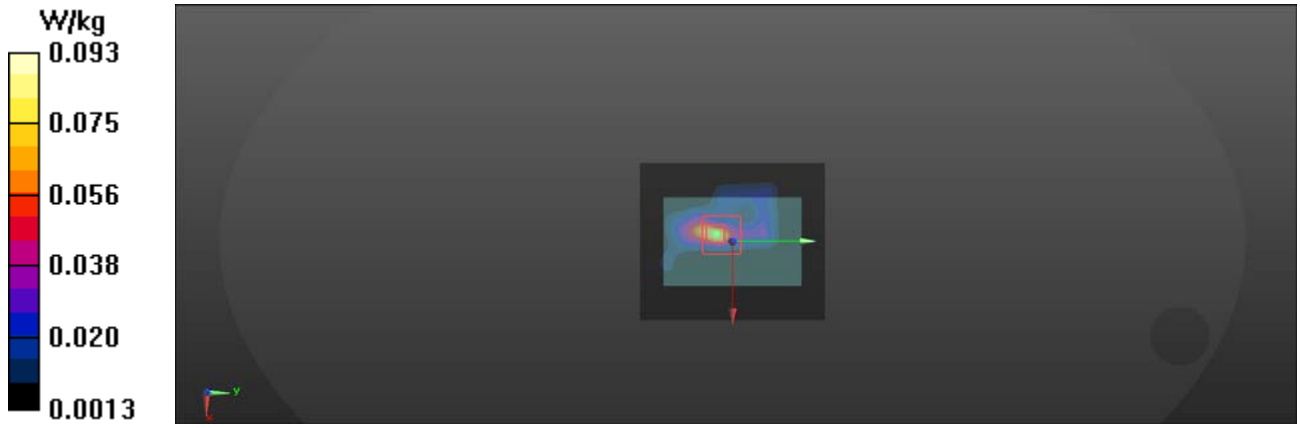
DUT: F20

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch9400/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0901 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.338 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.177 W/kg
SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.021 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 41.2%
Maximum value of SAR (measured) = 0.0933 W/kg



Test Laboratory:BACL.SAR TestingLab

6_WCDMA Band 5_RMC_Body Front(0mm)_Ch4183

DUT: F20

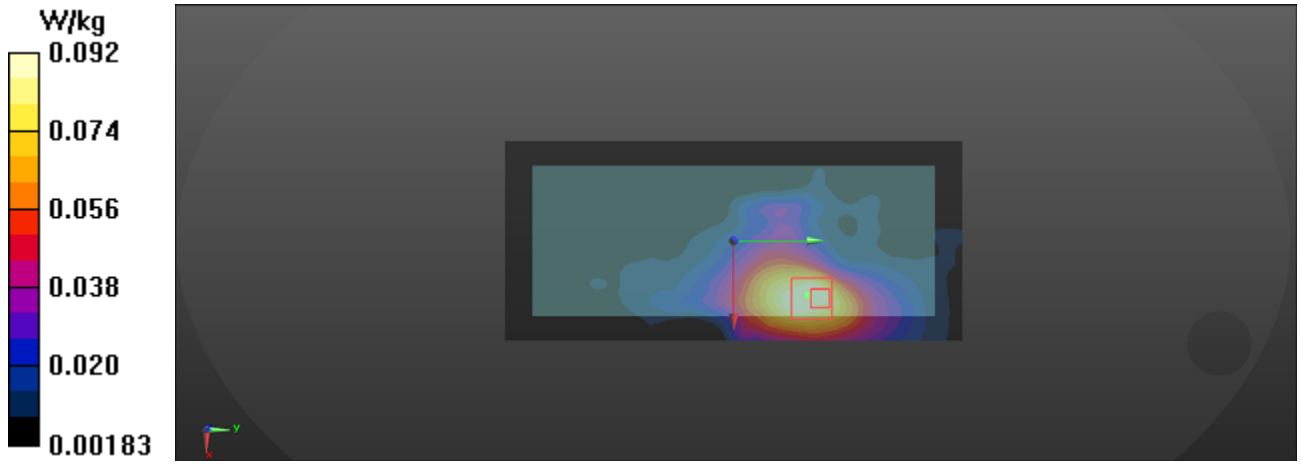
Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 836.6 MHz; σ = 0.917 S/m; ε_r = 40.056; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 836.6 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4183/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0966 W/kg

Ch4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.66 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.043 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 61.8%
Maximum value of SAR (measured) = 0.0921 W/kg



Test Laboratory:BACL.SAR TestingLab

7-2_WCDMA Band 5_RMC_BodyBack(0mm)_Ch4132

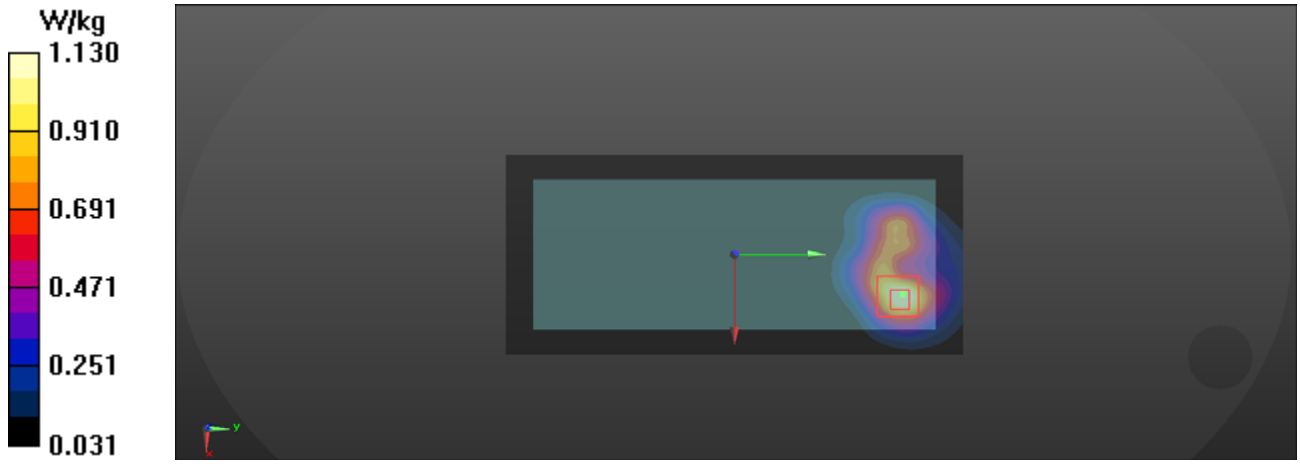
DUT: F20

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL835 Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.913 S/m; ε_r = 40.11; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 826.4 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4132/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.99 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.409 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 51.1%
Maximum value of SAR (measured) = 1.13 W/kg



Test Laboratory:BACL.SAR TestingLab

7_WCDMA Band 5_RMC_BodyBack(0mm)_Ch4183

DUT: F20

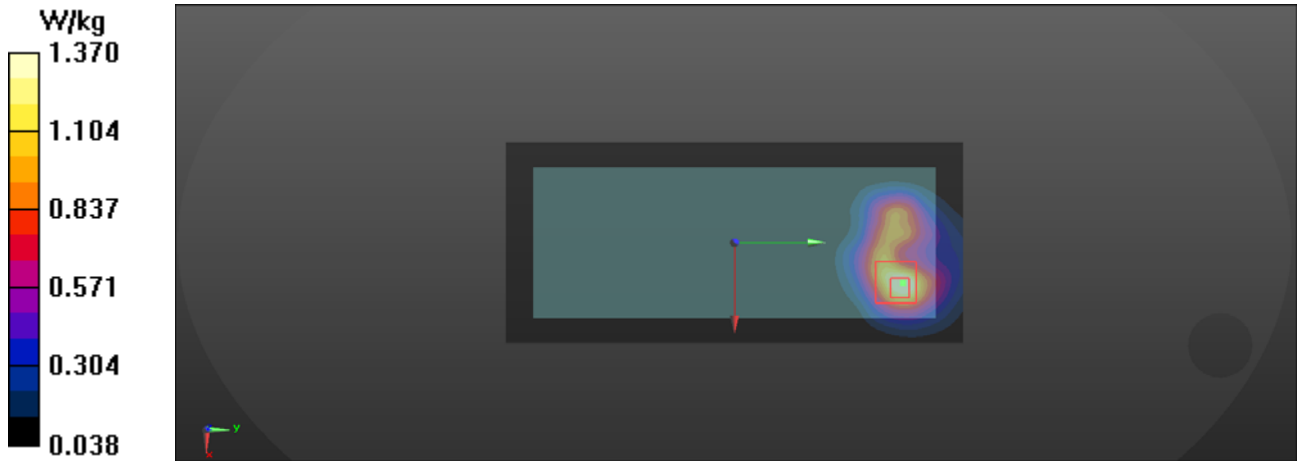
Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 836.6 MHz; σ = 0.917 S/m; ε_r = 40.056; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 836.6 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4183/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.48 W/kg

Ch4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.24 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.493 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 51%
Maximum value of SAR (measured) = 1.37 W/kg



Test Laboratory:BACL.SAR TestingLab

7-3_WCDMA Band 5_RMC_BodyBack(0mm)_Ch4233

DUT: F20

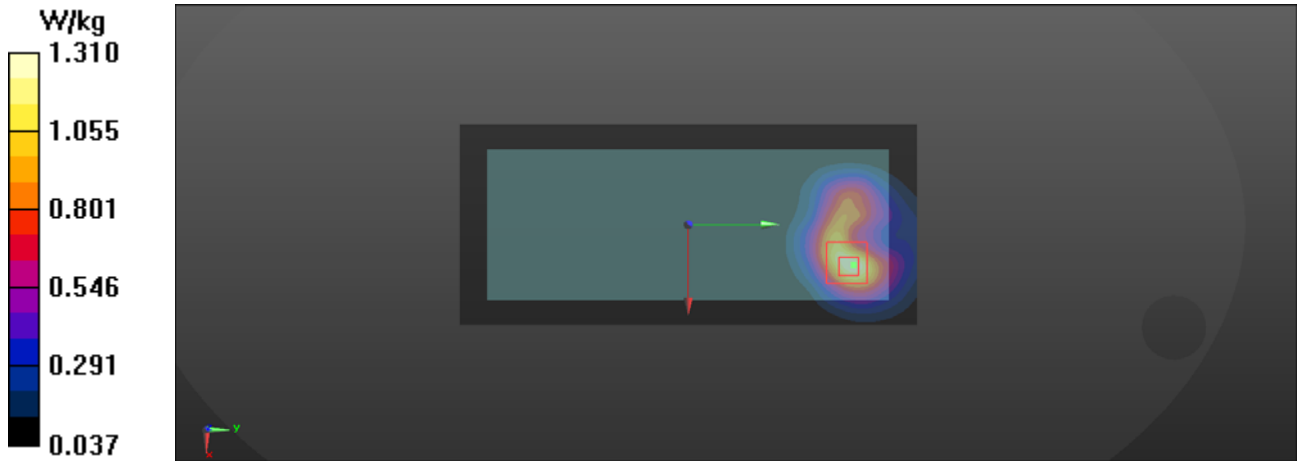
Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 846.6 MHz; σ = 0.923 S/m; ε_r = 40.041; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 846.6 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4233/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.26 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.887 W/kg; SAR(10 g) = 0.487 W/kg
Smallest distance from peaks to all points 3 dB below = 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 52.2%
Maximum value of SAR (measured) = 1.31 W/kg



Test Laboratory:BACL.SAR TestingLab

7-4_WCDMA Band 5_RMC_BodyBack(0mm)_Ch4132

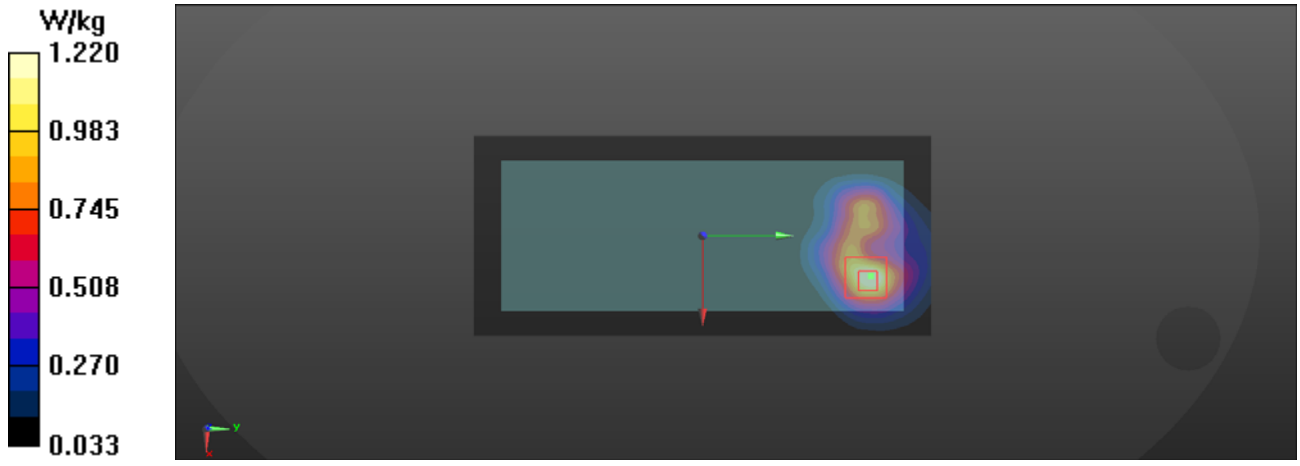
DUT: F20

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL835 Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.913 S/m; ε_r = 40.11; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 826.4 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4132 re/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Ch4132 re/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.13 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.840 W/kg; SAR(10 g) = 0.442 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 51.1%
Maximum value of SAR (measured) = 1.22 W/kg



Test Laboratory:BACL.SAR TestingLab

7-5_WCDMA Band 5_RMC_BodyBack(0mm)_Ch4183

DUT: F20

Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1

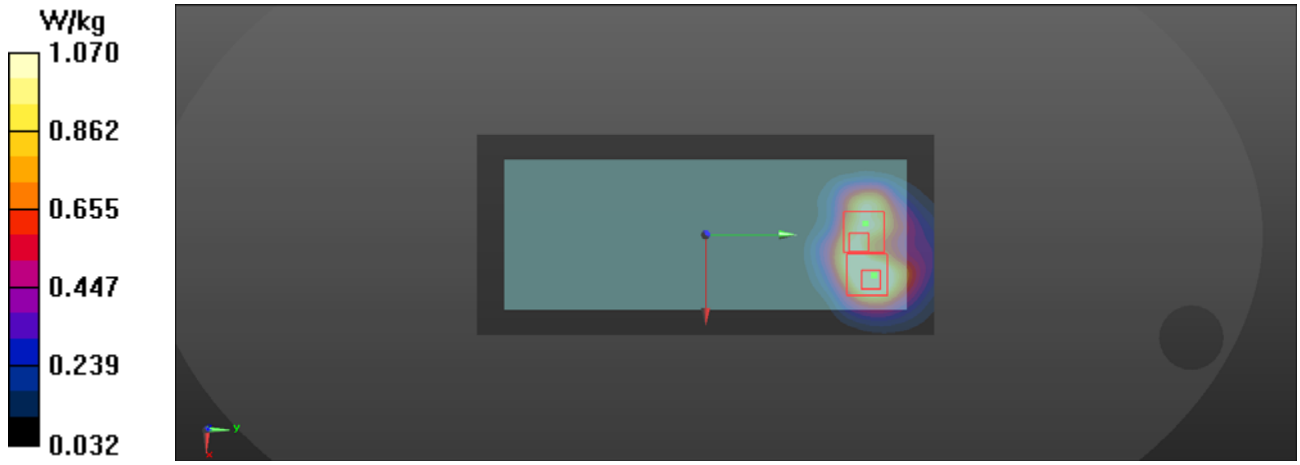
Medium: HSL835 Medium parameters used: f = 836.6 MHz; σ = 0.917 S/m; ε_r = 40.056; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 836.6 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4183 re/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.56 W/kg

Ch4183 re/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.23 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.528 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 51.2%
Maximum value of SAR (measured) = 1.46 W/kg

Ch4183 re/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.23 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.432 W/kg
Smallest distance from peaks to all points 3 dB below = 13.8 mm
Ratio of SAR at M2 to SAR at M1 = 57.1%
Maximum value of SAR (measured) = 1.07 W/kg



Test Laboratory:BACL.SAR TestingLab

7-6_WCDMA Band 5_RMC_BodyBack(0mm)_Ch4233

DUT: F20

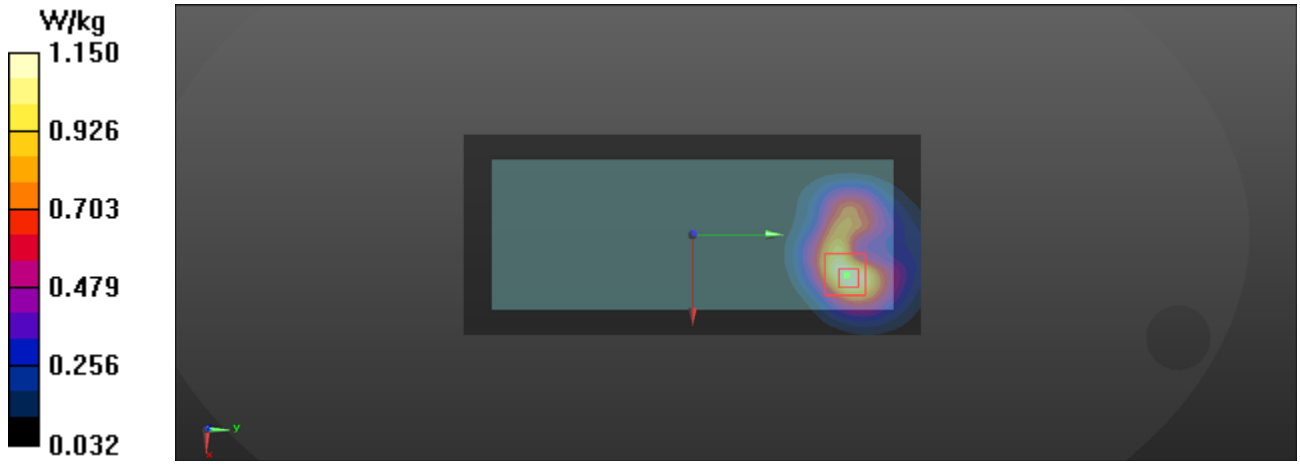
Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 846.6 MHz; σ = 0.923 S/m; ε_r = 40.041; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 846.6 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4233 re 3mm/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Ch4233 re 3mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.96 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.435 W/kg
Smallest distance from peaks to all points 3 dB below = 11.5 mm
Ratio of SAR at M2 to SAR at M1 = 54.5%
Maximum value of SAR (measured) = 1.15 W/kg



Test Laboratory:BACL.SAR TestingLab

8_WCDMA Band 5_RMC_Body Left(0mm)_Ch4183

DUT: F20

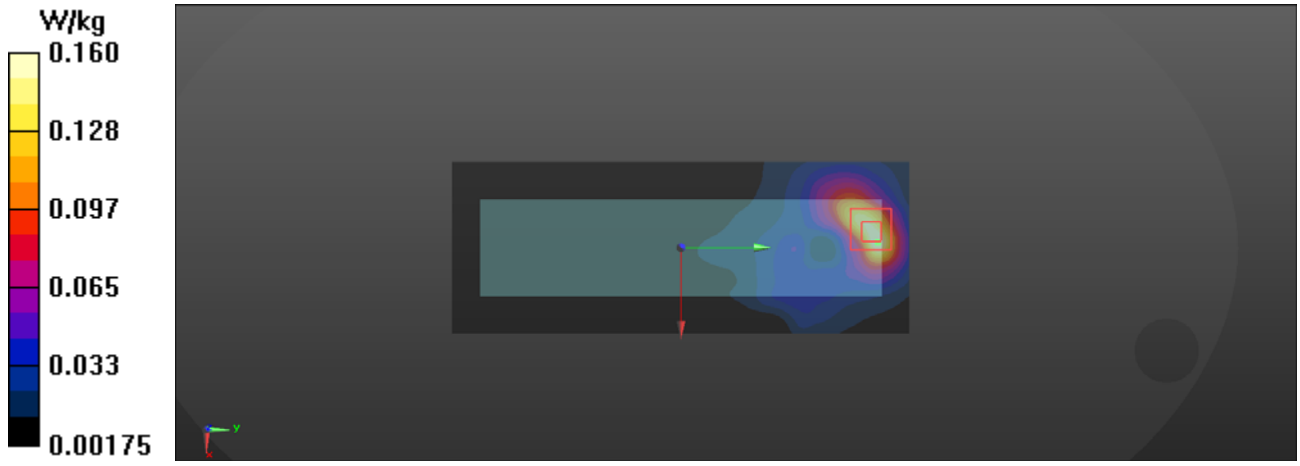
Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 836.6 MHz; σ = 0.917 S/m; ε_r = 40.056; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 836.6 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4183 2/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.162 W/kg

Ch4183 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.78 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.204 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.059 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 51.9%
Maximum value of SAR (measured) = 0.160 W/kg



Test Laboratory:BACL.SAR TestingLab

9_WCDMA Band 5_RMC_Body Right(0mm)_Ch4183

DUT: F20

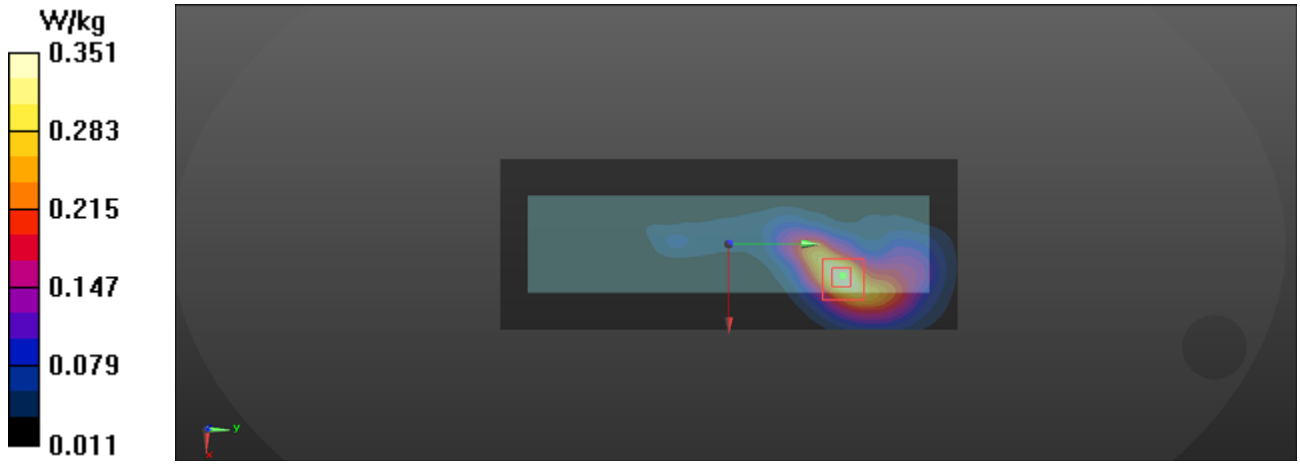
Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 836.6 MHz; σ = 0.917 S/m; ε_r = 40.056; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 836.6 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4183 2/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.361 W/kg

Ch4183 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.234 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.136 W/kg
Smallest distance from peaks to all points 3 dB below = 11.5 mm
Ratio of SAR at M2 to SAR at M1 = 54.2%
Maximum value of SAR (measured) = 0.351 W/kg



Test Laboratory:BACL.SAR TestingLab

10-2_WCDMA Band 5_RMC_Body Top(0mm)_Ch4132

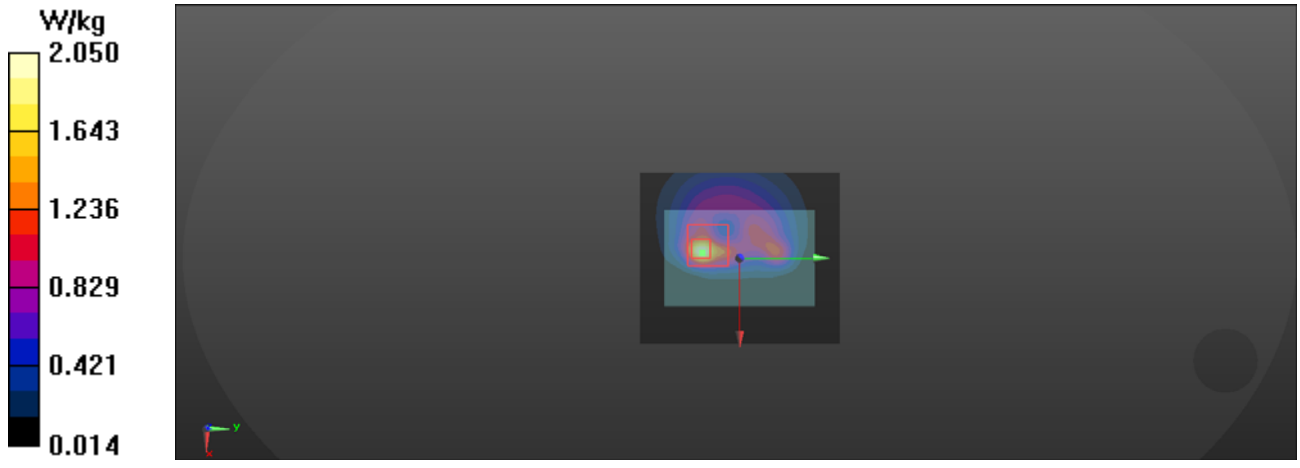
DUT: F20

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL835 Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.913 S/m; ε_r = 40.11; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 826.4 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4132/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.11 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.93 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.86 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.489 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 39.1%
Maximum value of SAR (measured) = 2.05 W/kg



Test Laboratory:BACL.SAR TestingLab

10_WCDMA Band 5_RMC_Body Top(0mm)_Ch4183

DUT: F20

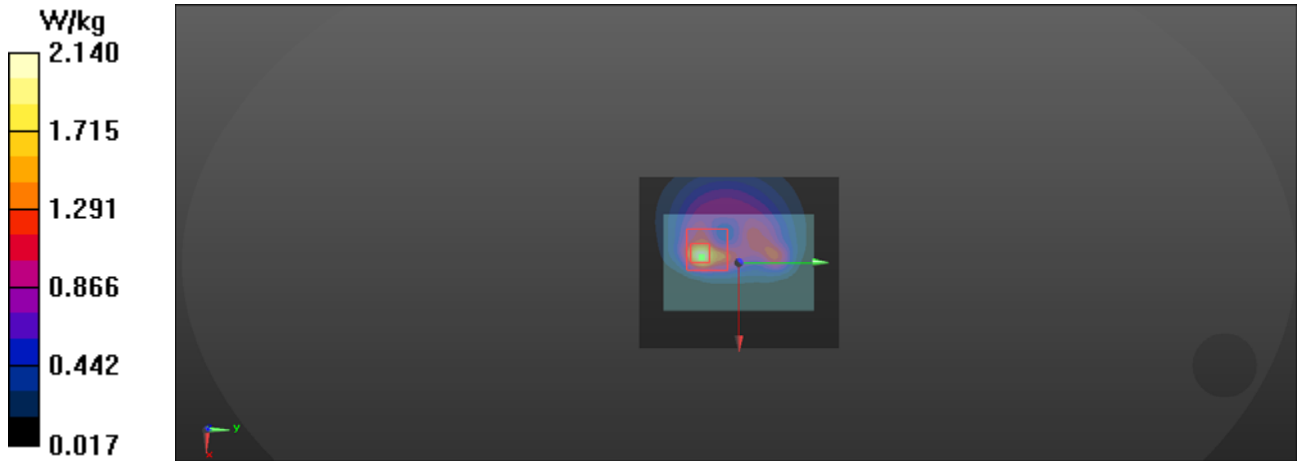
Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 836.6 MHz; σ = 0.917 S/m; ε_r = 40.056; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 836.6 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4183/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.19 W/kg

Ch4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.32 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.97 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.522 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 39.6%
Maximum value of SAR (measured) = 2.14 W/kg



Test Laboratory:BACL.SAR TestingLab

10-3_WCDMA Band 5_RMC_Body Top(0mm)_Ch4233

DUT: F20

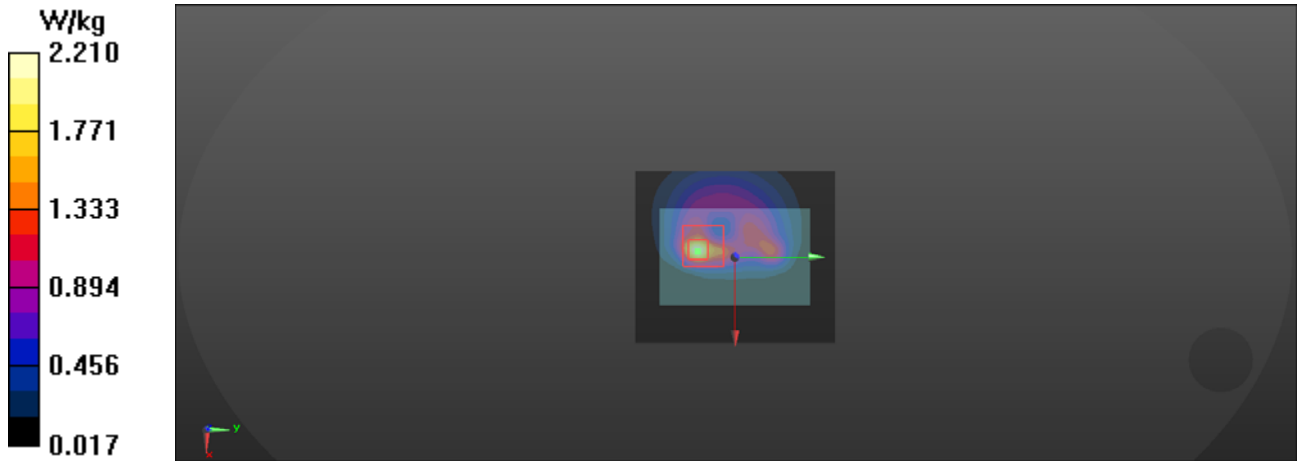
Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 846.6 MHz; σ = 0.923 S/m; ε_r = 40.041; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 846.6 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4233/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.25 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.23 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.04 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.526 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 39.3%
Maximum value of SAR (measured) = 2.21 W/kg



Test Laboratory:BACL.SAR TestingLab

10-5_WCDMA Band 5_RMC_Body Top(0mm)_Ch4132

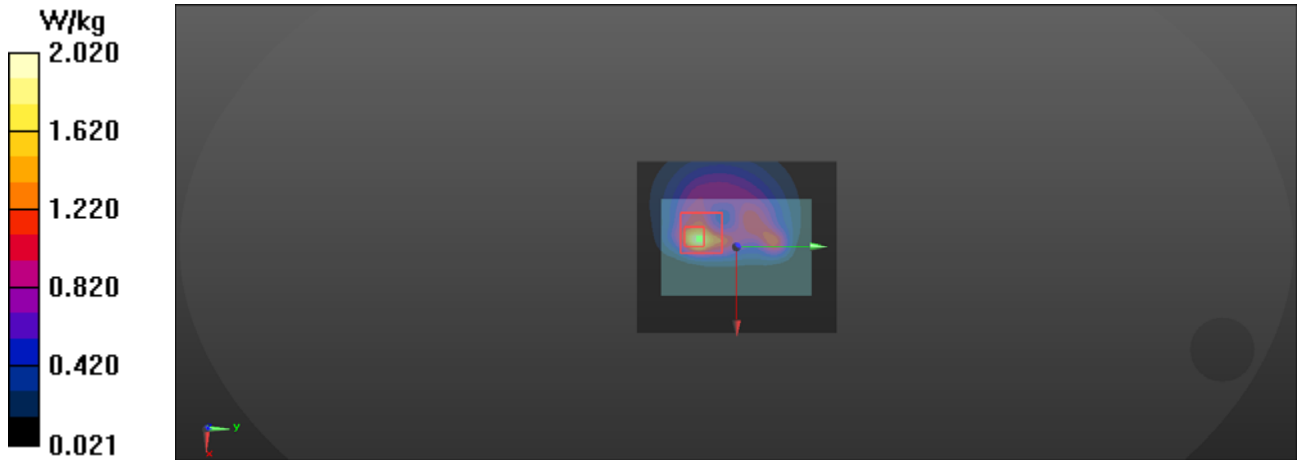
DUT: F20

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL835 Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.913 S/m; ε_r = 40.11; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 826.4 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4132 Retest/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.95 W/kg

Ch4132 Retest/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.74 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.00 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.490 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 33.9%
Maximum value of SAR (measured) = 2.02 W/kg



Test Laboratory:BACL.SAR TestingLab

10-4_WCDMA Band 5_RMC_Body Top(0mm)_Ch4183

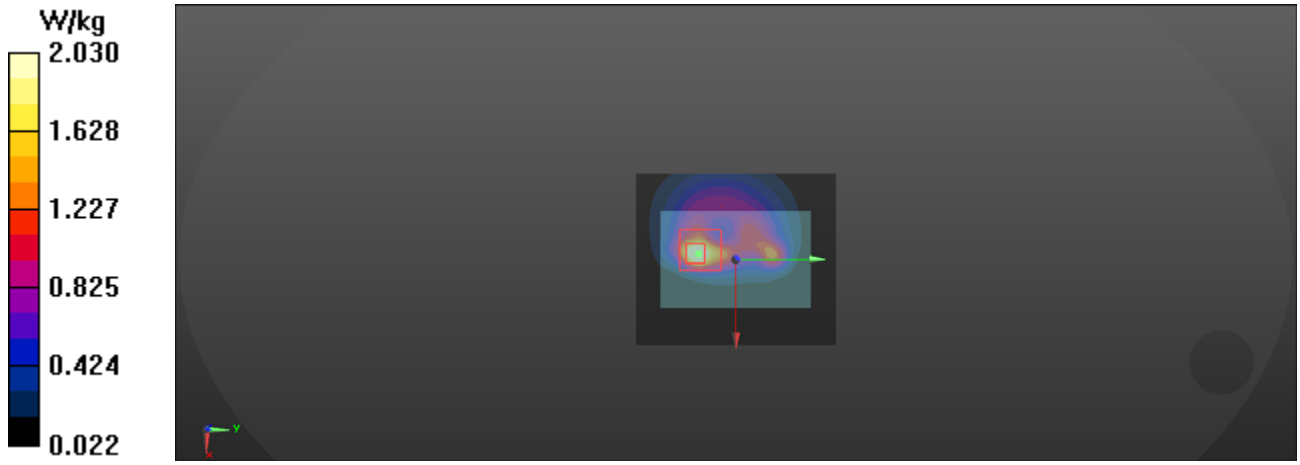
DUT: F20

Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: f = 836.6 MHz; σ = 0.917 S/m; ε_r = 40.056; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 836.6 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4183 Retest/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.49 W/kg

Ch4183 Retest/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.83 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.13 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.515 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 34.5%
Maximum value of SAR (measured) = 2.03 W/kg



Test Laboratory:BACL.SAR TestingLab

10-6_WCDMA Band 5_RMC_Body Top(0mm)_Ch4233

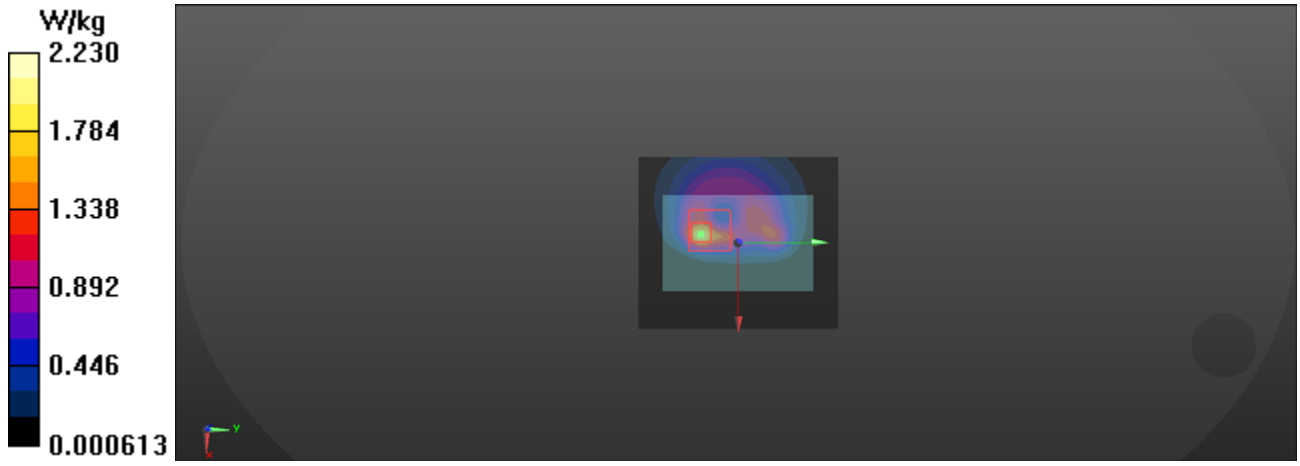
DUT: F20

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: f = 846.6 MHz; σ = 0.923 S/m; ε_r = 40.041; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 846.6 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4233 Retest/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.07 W/kg

Ch4233 Retest/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.14 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.92 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.536 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 39.7%
Maximum value of SAR (measured) = 2.23 W/kg



Test Laboratory:BACL.SAR TestingLab

10-7_WCDMA Band 5_RMC_Body Top(0mm)_Ch4233

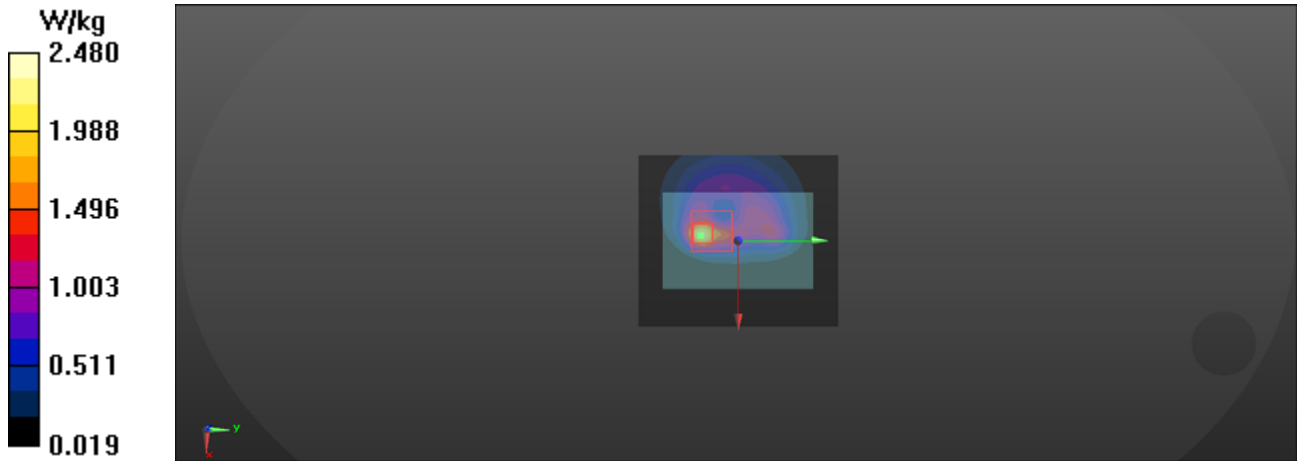
DUT: F20

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: f = 846.6 MHz; σ = 0.923 S/m; ε_r = 40.041; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 846.6 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4233 Retest 2/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.43 W/kg

Ch4233 Retest 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.20 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.40 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.549 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 35.8%
Maximum value of SAR (measured) = 2.48 W/kg



Test Laboratory:BACL.SAR TestingLab

10-8_WCDMA Band 5_RMC_Body Top(0mm)_Ch4233

DUT: F20

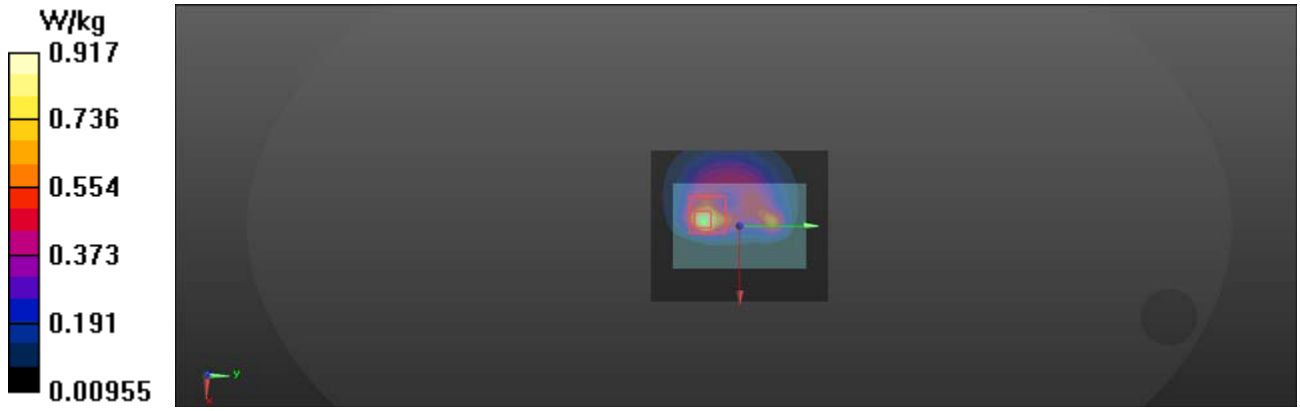
Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 846.6 MHz; σ = 0.923 S/m; ε_r = 40.041; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 846.6 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch4233 Type 2/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.00 W/kg

Ch4233 Type 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.22 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.219 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 38.9%
Maximum value of SAR (measured) = 0.917 W/kg



Test Laboratory:BACL.SAR TestingLab

41_LTE FDD Band 7_20M_QPSK_1RB_0Offset_Body Front(0mm)_Ch21100

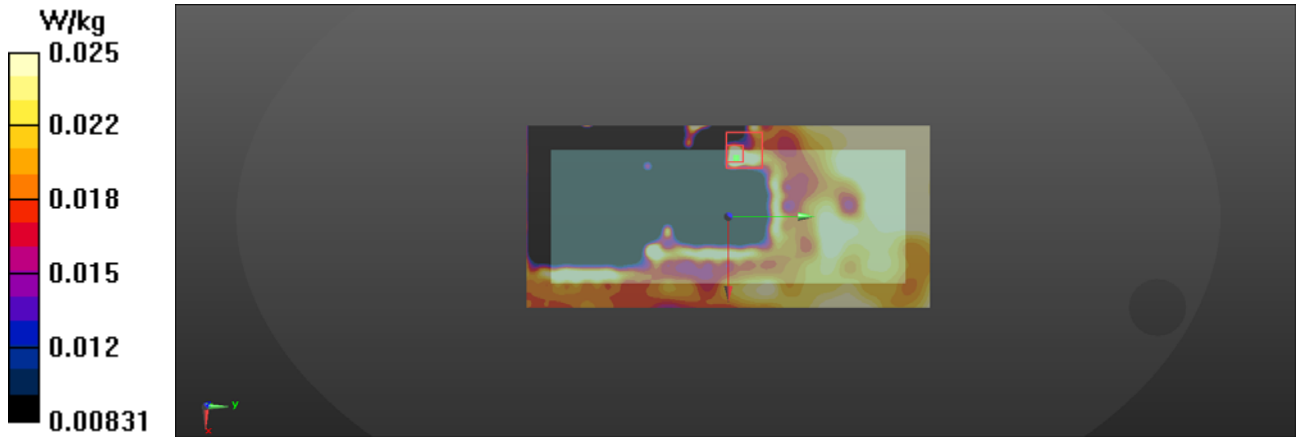
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.884 S/m; ε_r = 39.508; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2535 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch21100/Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0477 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.881 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0340 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.021 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 90.6%
Maximum value of SAR (measured) = 0.0248 W/kg



Test Laboratory:BACL.SAR TestingLab

41-2_LTE FDD Band 7_20M_QPSK_50%RB_0Offset_Body Front(0mm)_Ch21100

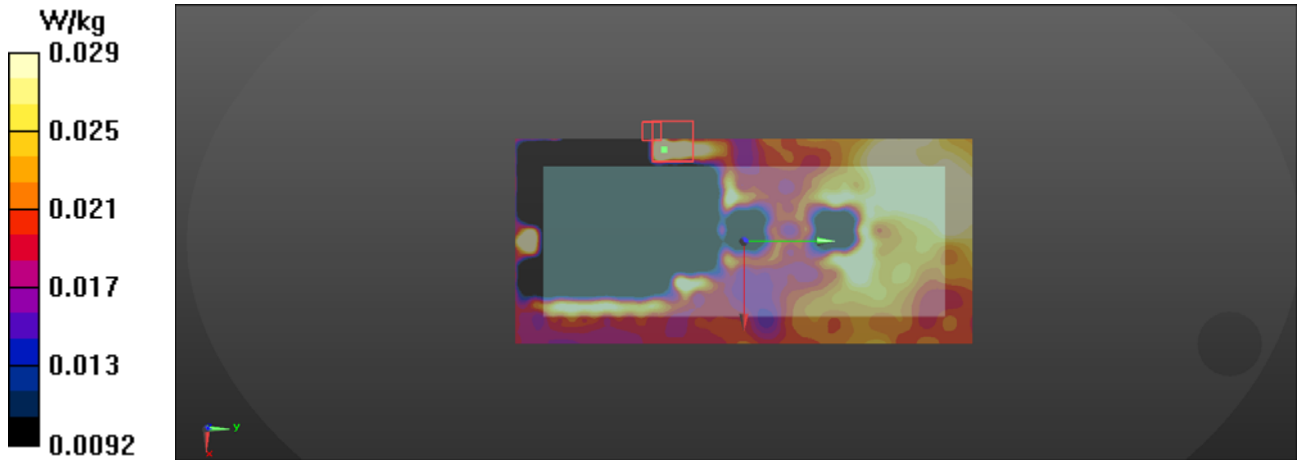
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.884 S/m; ε_r = 39.508; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2535 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch21100 50%RB/Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0550 W/kg

Ch21100 50%RB/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.866 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0620 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.021 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 99.5%
Maximum value of SAR (measured) = 0.0285 W/kg



Test Laboratory:BACL.SAR TestingLab

42_LTE FDD Band 7_20M_QPSK_1RB_0Offset_Body Back(0mm)_Ch21100

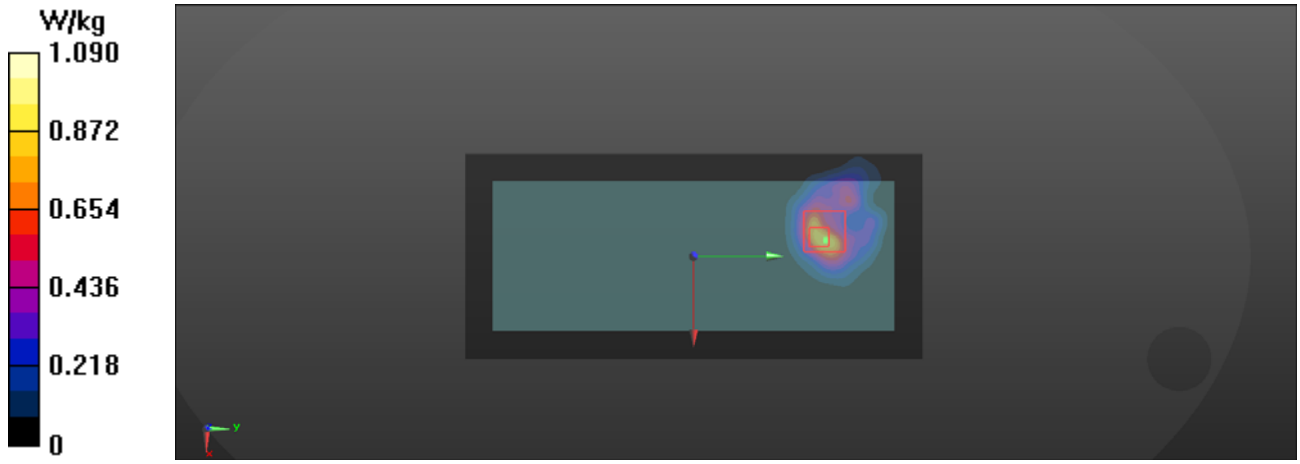
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.884 S/m; ε_r = 39.508; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2535 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch21100/Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.878 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.11 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.205 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 31%
Maximum value of SAR (measured) = 1.09 W/kg



Test Laboratory:BACL.SAR TestingLab

42-2_LTE FDD Band 7_20M_QPSK_50%RB_0Offset_Body Back(0mm)_Ch21100

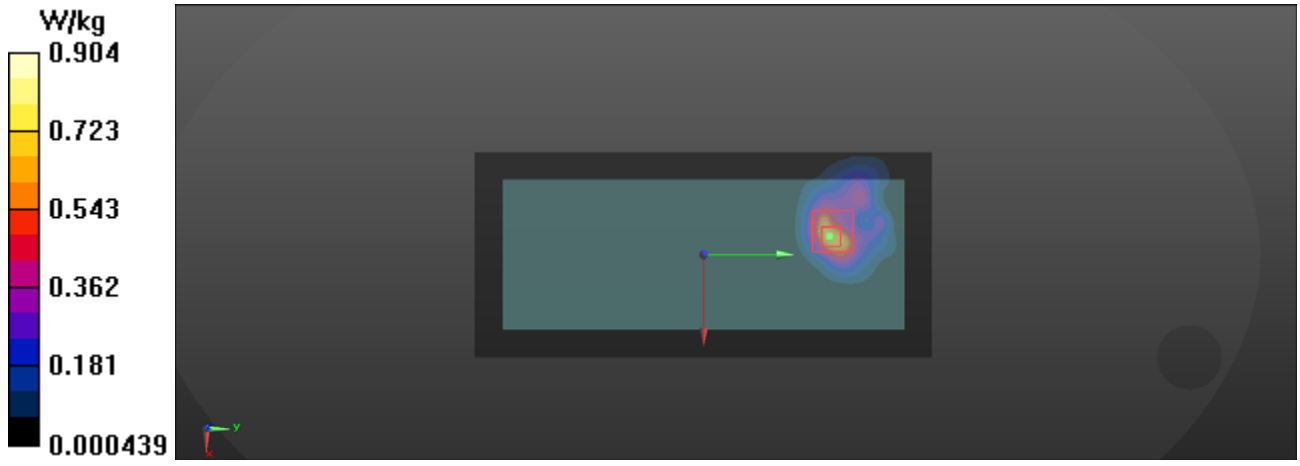
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.884 S/m; ε_r = 39.508; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2535 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch21100 50%RB/Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.717 W/kg

Ch21100 50%RB/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.98 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.175 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 33.3%
Maximum value of SAR (measured) = 0.904 W/kg



Test Laboratory:BACL.SAR TestingLab

42-3_LTE FDD Band 7_20M_QPSK_1RB_0Offset_Body Back(0mm)_Ch21100

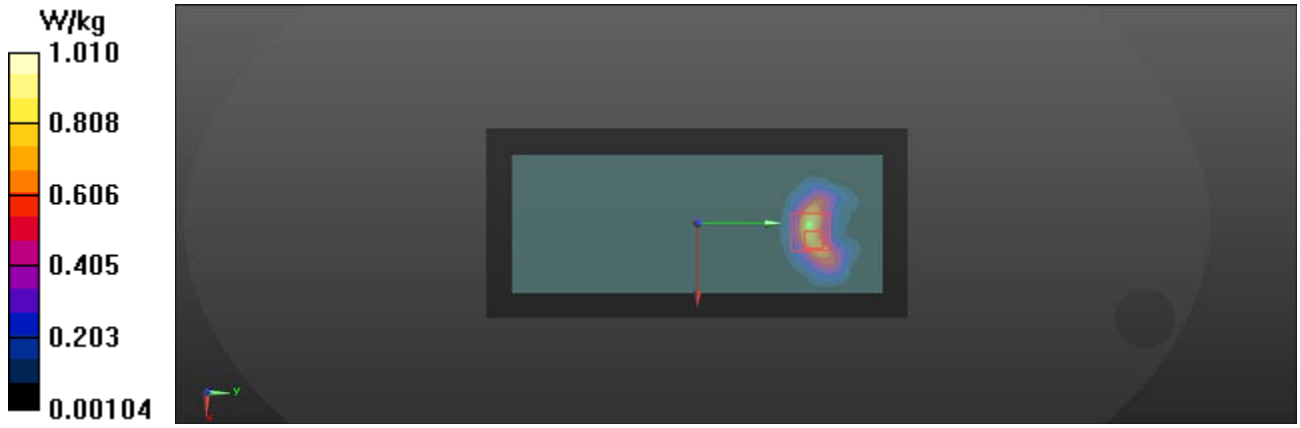
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.884 S/m; ε_r = 39.508; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2535 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch21100 Type2/Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.868 W/kg

Ch21100 Type2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.89 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.212 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 37.4%
Maximum value of SAR (measured) = 1.01 W/kg



Test Laboratory:BACL.SAR TestingLab

43_LTE FDD Band 7_20M_QPSK_1RB_0Offset_Body Left(0mm)_Ch21100

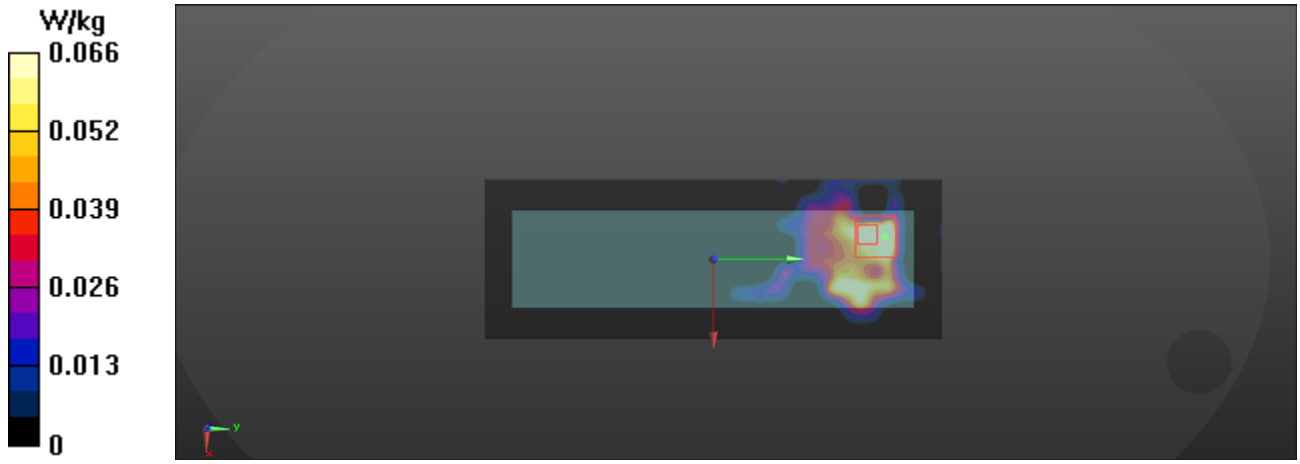
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.884 S/m; ε_r = 39.508; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2535 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch21100/Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.133 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.963 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0790 W/kg
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.016 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 47.9%
Maximum value of SAR (measured) = 0.0656 W/kg



Test Laboratory:BACL.SAR TestingLab

43-2_LTE FDD Band 7_20M_QPSK_50%RB_0Offset_Body Left(0mm)_Ch21100

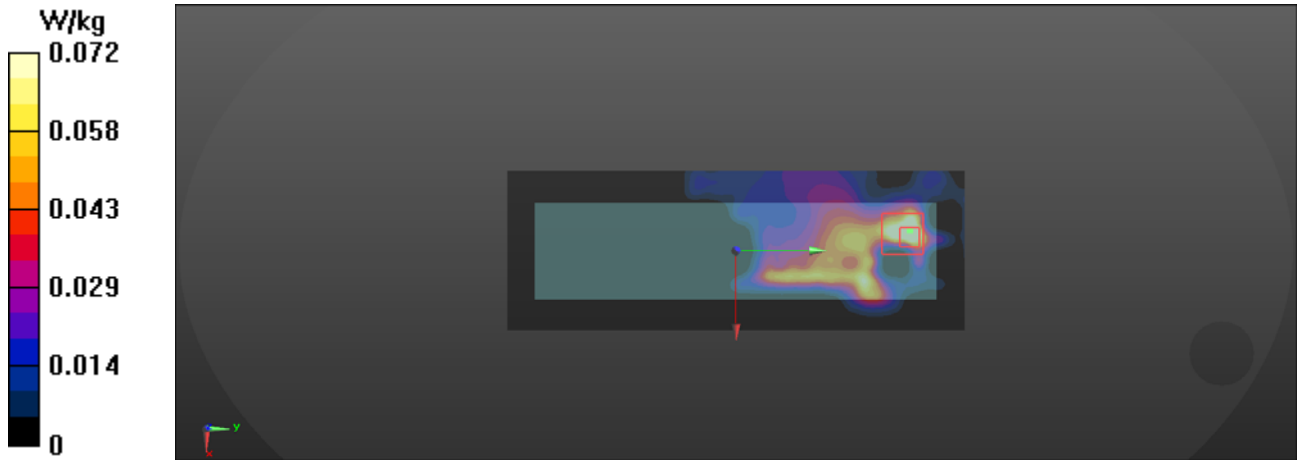
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.884 S/m; ε_r = 39.508; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2535 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch21100 50%RB/Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.123 W/kg

Ch21100 50%RB/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.779 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.017 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 44.7%
Maximum value of SAR (measured) = 0.0721 W/kg



Test Laboratory:BACL.SAR TestingLab

44_LTE FDD Band 7_20M_QPSK_1RB_0Offset_Body Right(0mm)_Ch21100

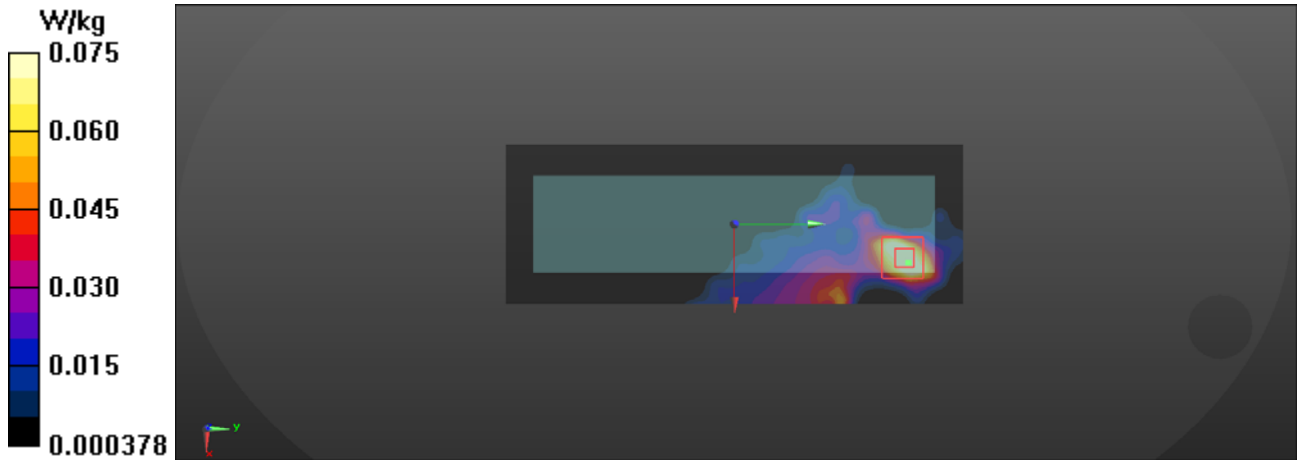
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.884 S/m; ε_r = 39.508; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2535 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch21100/Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0879 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.353 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0910 W/kg
SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.020 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 51.6%
Maximum value of SAR (measured) = 0.0753 W/kg



Test Laboratory:BACL.SAR TestingLab

44-2_LTE FDD Band 7_20M_QPSK_50%RB_0Offset_Body Right(0mm)_Ch21100

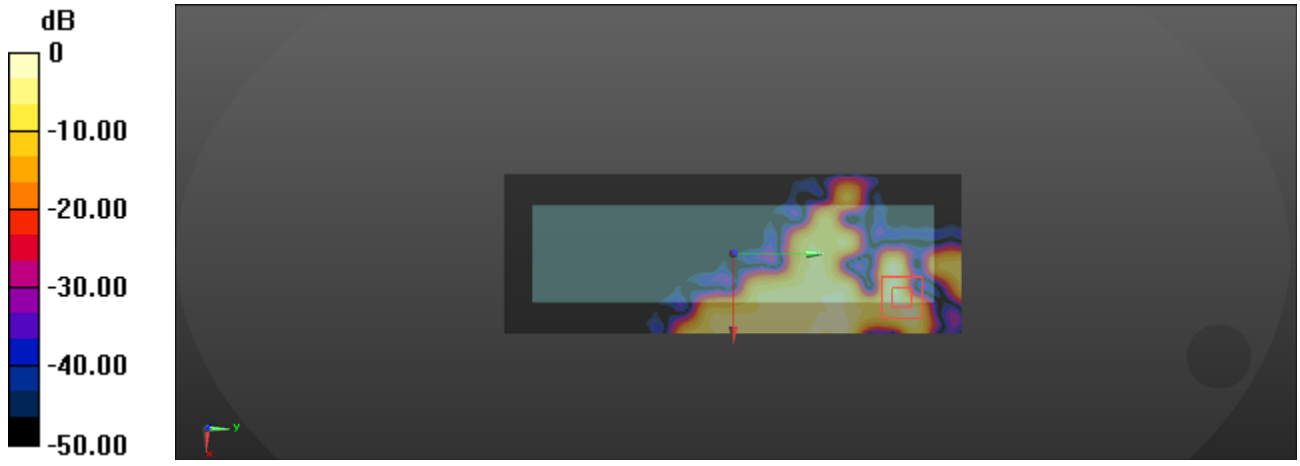
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.884 S/m; ε_r = 39.508; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2535 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch21100 50%RB/Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0604 W/kg

Ch21100 50%RB/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.671 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.135 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00261 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 53.4%
Maximum value of SAR (measured) = 0.0624 W/kg



Test Laboratory:BACL.SAR TestingLab

45_LTE FDD Band 7_20M_QPSK_1RB_0Offset_Body Top(0mm)_Ch21100

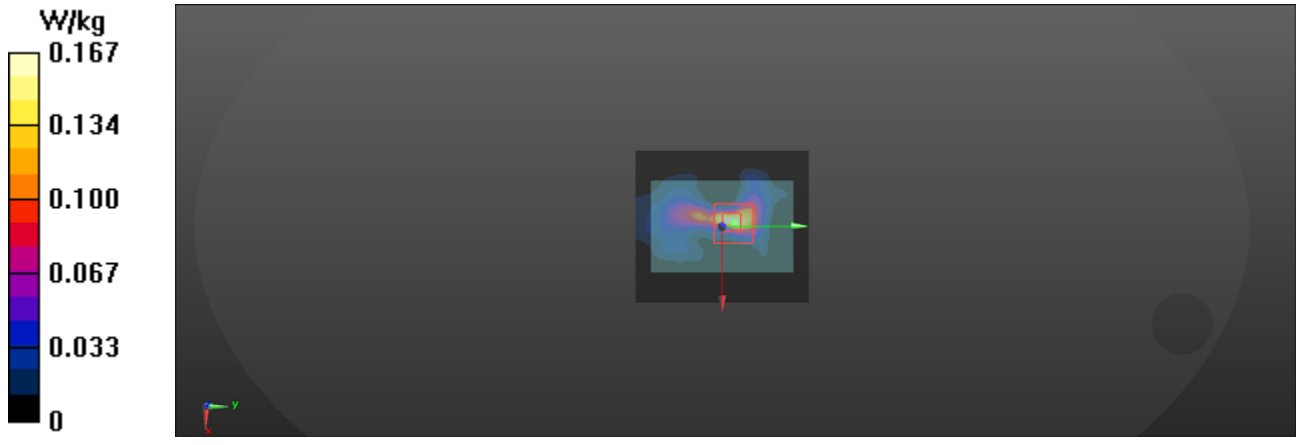
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.884 S/m; ε_r = 39.508; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2535 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch21100/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.169 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.014 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.200 W/kg
SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.027 W/kg
Smallest distance from peaks to all points 3 dB below = 4.5 mm
Ratio of SAR at M2 to SAR at M1 = 42%
Maximum value of SAR (measured) = 0.167 W/kg



Test Laboratory:BACL.SAR TestingLab

45-2_LTE FDD Band 7_20M_QPSK_50%RB_0Offset_Body Top(0mm)_Ch21100

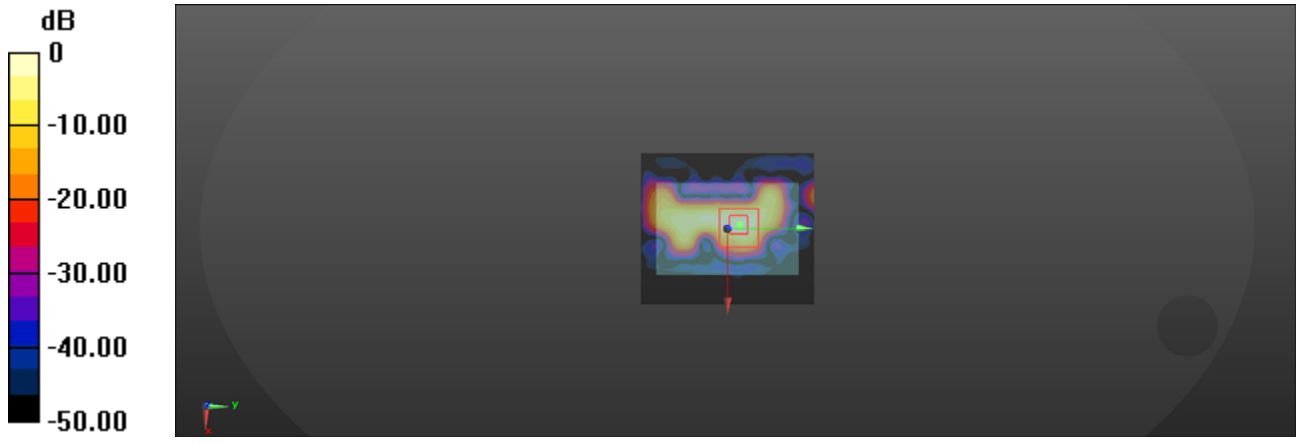
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.884 S/m; ε_r = 39.508; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2535 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch21100 50%RB/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.195 W/kg

Ch21100 50%RB/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.912 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.431 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.018 W/kg
Smallest distance from peaks to all points 3 dB below = 3 mm
Ratio of SAR at M2 to SAR at M1 = 39.9%
Maximum value of SAR (measured) = 0.135 W/kg



0 dB = 0.135 W/kg = -8.70 dBW/kg

Test Laboratory:BACL.SAR TestingLab

11_LTE FDD Band 12 & 17_10M_QPSK_1RB_0Offset_Body Front(0mm)_Ch23095

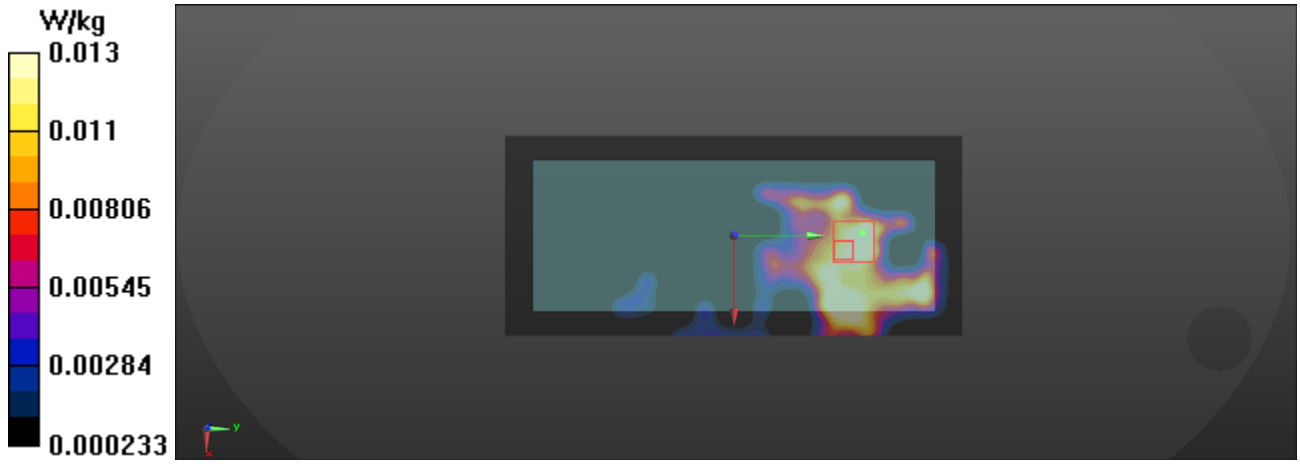
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.87 S/m; ε_r = 40.265; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 707.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0167 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.662 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.0180 W/kg
SAR(1 g) = 0.00849 W/kg; SAR(10 g) = 0.00332 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 60.2%
Maximum value of SAR (measured) = 0.0133 W/kg



Test Laboratory:BACL.SAR TestingLab

11-2_LTE FDD Band 12 & 17_10M_QPSK_50%RB_0Offset_Body Front(0mm)_Ch23095

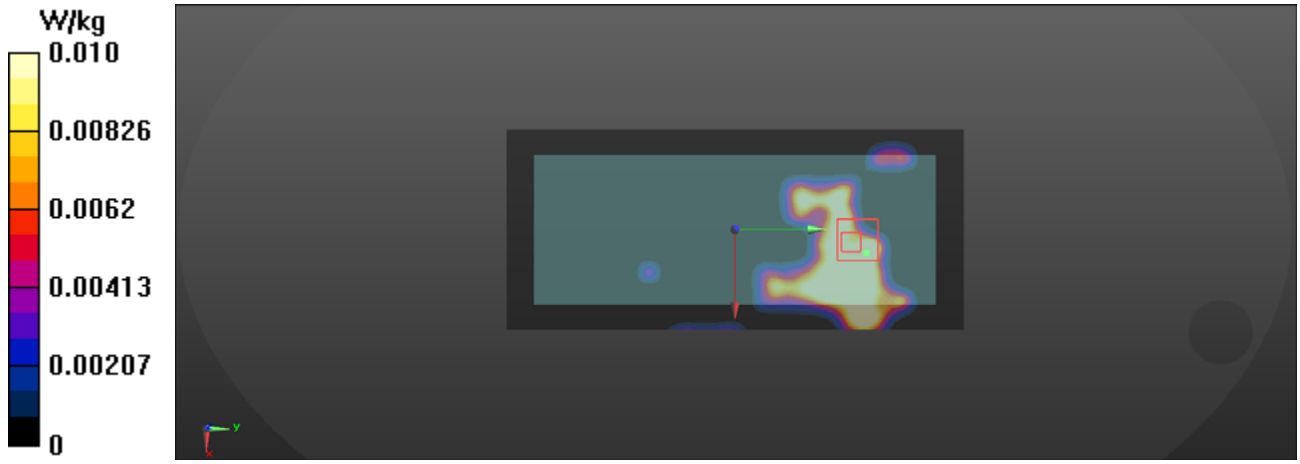
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.87 S/m; ε_r = 40.265; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 707.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095 50%RB/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0195 W/kg

Ch23095 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.365 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0180 W/kg
SAR(1 g) = 0.00439 W/kg; SAR(10 g) = 0.00156 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 65.9%
Maximum value of SAR (measured) = 0.0103 W/kg



Test Laboratory:BACL.SAR TestingLab

12_LTE FDD Band 12 & 17_10M_QPSK_1RB_0Offset_Body Back(0mm)_Ch23095

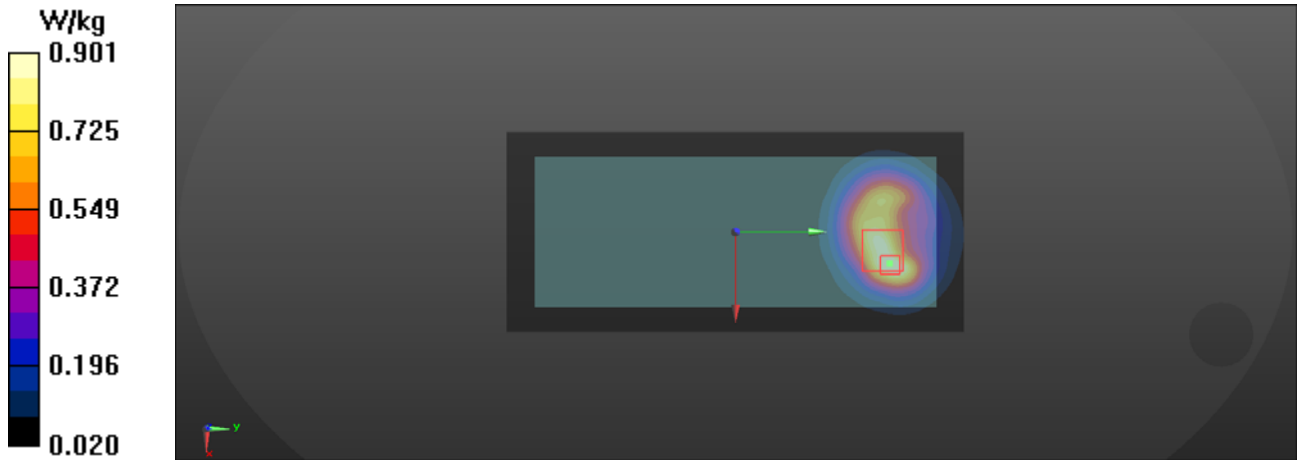
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.87 S/m; ε_r = 40.265; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 707.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.947 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.65 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.354 W/kg
Smallest distance from peaks to all points 3 dB below = 9.3 mm
Ratio of SAR at M2 to SAR at M1 = 47.6%
Maximum value of SAR (measured) = 0.901 W/kg



Test Laboratory:BACL.SAR TestingLab

15-3_LTE FDD Band 12 & 17_10M_QPSK_1RB_0Offset_Body Top(0mm)_Ch23095

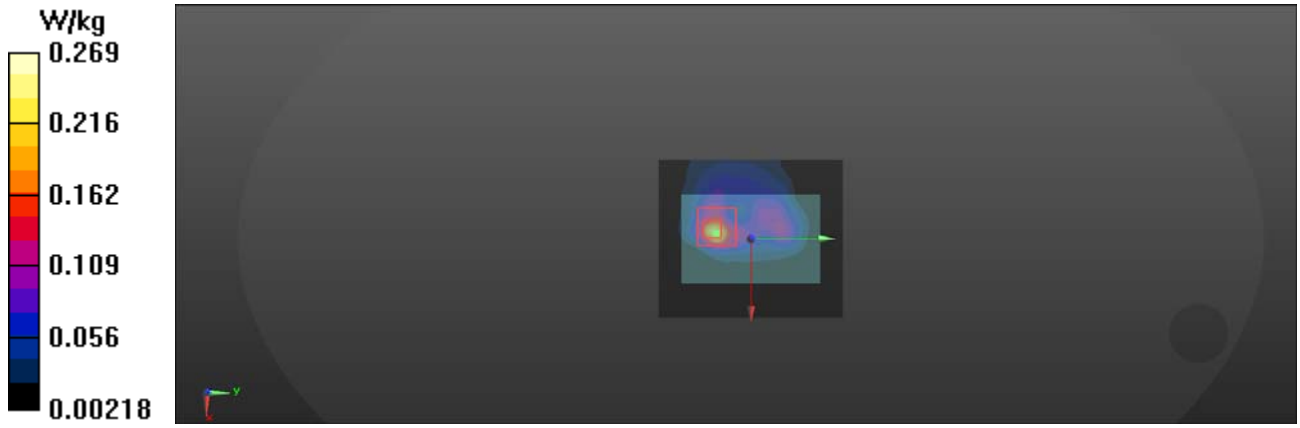
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used : f = 707.5 MHz; σ = 0.87 S/m; ε_r = 40.265; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 707.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095 Type2/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.246 W/kg

Ch23095 Type2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.934 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.056 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 27.6%
Maximum value of SAR (measured) = 0.269 W/kg



Test Laboratory:BACL.SAR TestingLab

12-2_LTE FDD Band 12 & 17_10M_QPSK_50%RB_0Offset_Body Back(0mm)_Ch23095

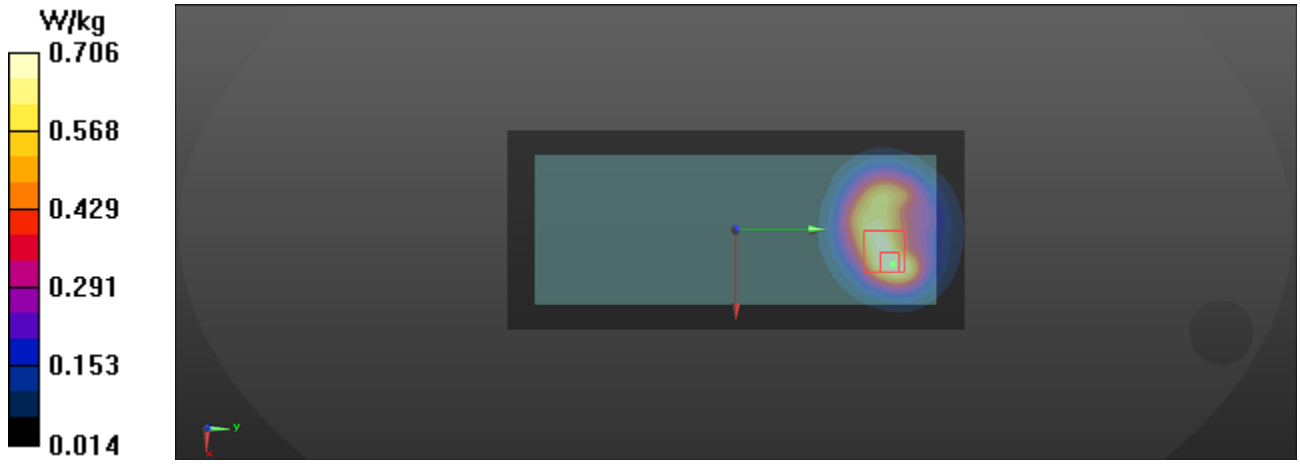
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.87 S/m; ε_r = 40.265; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 707.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095 50%RB/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.763 W/kg

Ch23095 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.80 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.957 W/kg
SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.277 W/kg
Smallest distance from peaks to all points 3 dB below = 9.3 mm
Ratio of SAR at M2 to SAR at M1 = 53.8%
Maximum value of SAR (measured) = 0.706 W/kg



Test Laboratory:BACL.SAR TestingLab

13_LTE FDD Band 12 & 17_10M_QPSK_1RB_0Offset_Body Left(0mm)_Ch23095

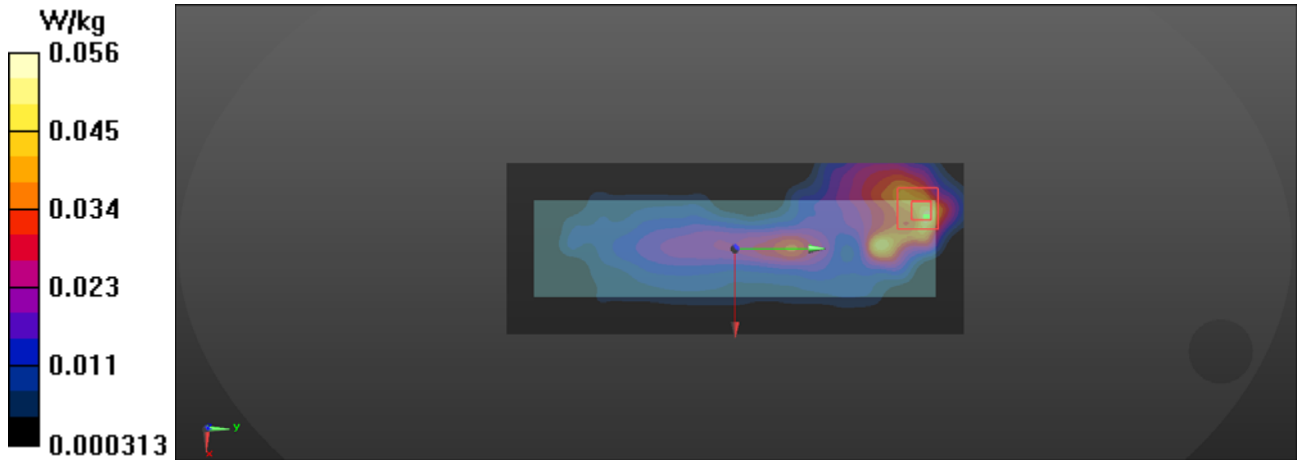
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.87 S/m; ε_r = 40.265; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 707.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0515 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.568 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0760 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.015 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 32.2%
Maximum value of SAR (measured) = 0.0558 W/kg



Test Laboratory:BACL.SAR TestingLab

13-2_LTE FDD Band 12 & 17_10M_QPSK_50%RB_0Offset_Body Left(0mm)_Ch23095

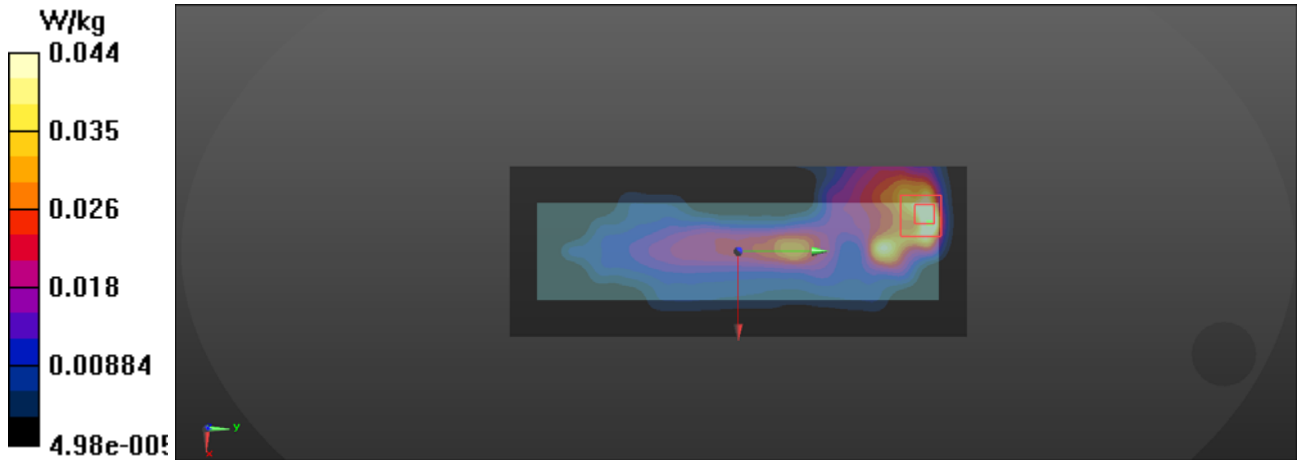
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.87 S/m; ε_r = 40.265; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 707.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095 50%RB/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0640 W/kg

Ch23095 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.073 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.0600 W/kg
SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.012 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 32.9%
Maximum value of SAR (measured) = 0.0440 W/kg



Test Laboratory:BACL.SAR TestingLab

14_LTE FDD Band 12 & 17_10M_QPSK_1RB_0Offset_Body Right(0mm)_Ch23095

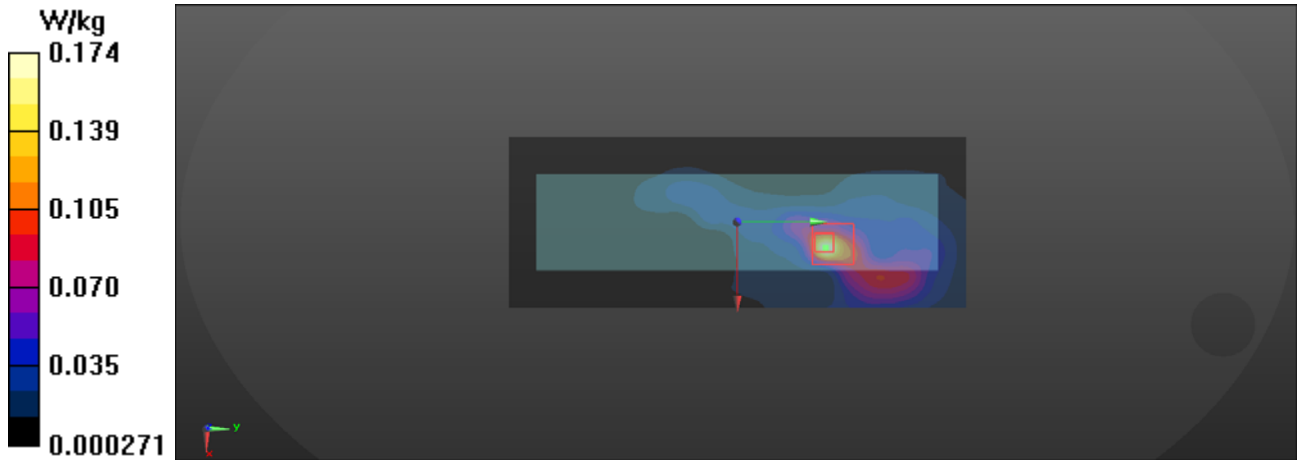
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.87 S/m; ε_r = 40.265; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 707.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.179 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.88 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.264 W/kg
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.033 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 26.1%
Maximum value of SAR (measured) = 0.174 W/kg



Test Laboratory:BACL.SAR TestingLab

14-2_LTE FDD Band 12 & 17_10M_QPSK_50%RB_0Offset_Body Right(0mm)_Ch23095

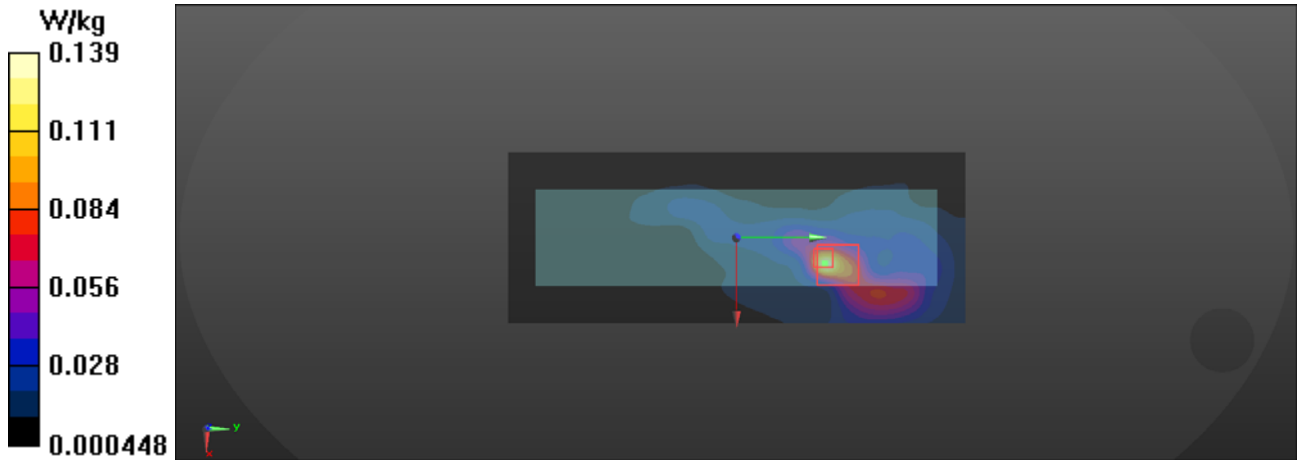
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.87 S/m; ε_r = 40.265; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 707.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095 50%RB/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.137 W/kg

Ch23095 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.52 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.216 W/kg
SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.027 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 26.5%
Maximum value of SAR (measured) = 0.139 W/kg



Test Laboratory:BACL.SAR TestingLab

15_LTE FDD Band 12 & 17_10M_QPSK_1RB_0Offset_Body Top(0mm)_Ch23095

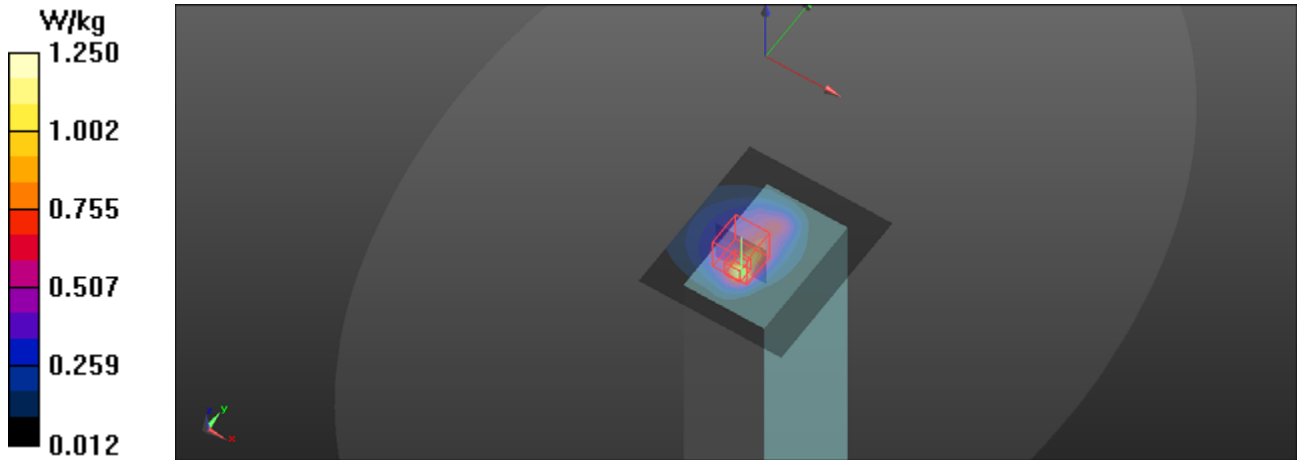
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.87 S/m; ε_r = 40.265; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 707.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.35 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.338 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 39.3%
Maximum value of SAR (measured) = 1.25 W/kg



Test Laboratory:BACL.SAR TestingLab

15-2_LTE FDD Band 12 & 17_10M_QPSK_50%RB_0Offset_Body Top(0mm)_Ch23095

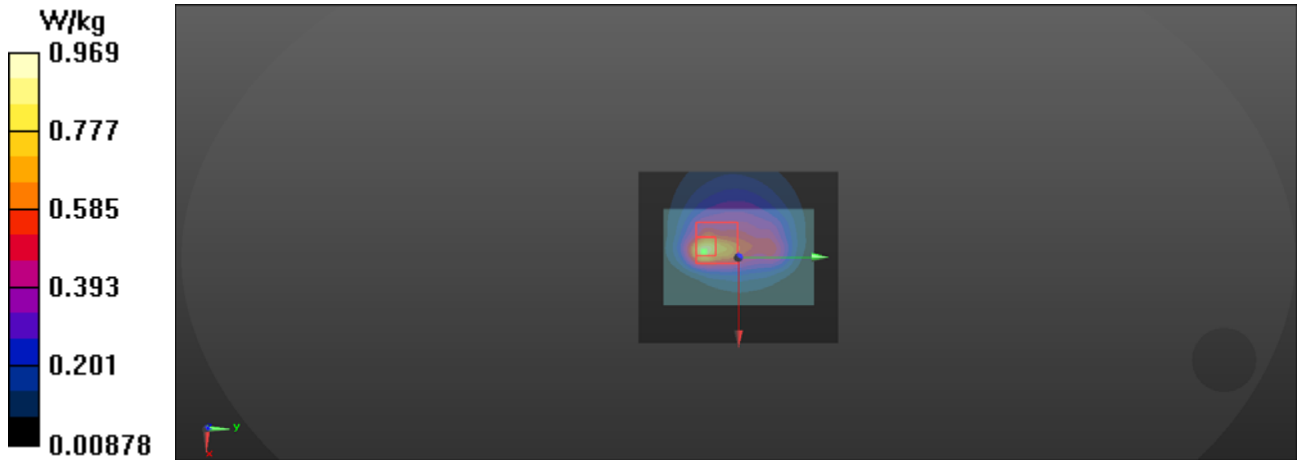
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.87 S/m; ε_r = 40.265; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 707.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095 50%RB/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.907 W/kg

Ch23095 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.36 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.266 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 38%
Maximum value of SAR (measured) = 0.969 W/kg



Test Laboratory:BACL.SAR TestingLab

15-3_LTE FDD Band 12 & 17_10M_QPSK_1RB_0Offset_Body Top(0mm)_Ch23095

DUT: F20

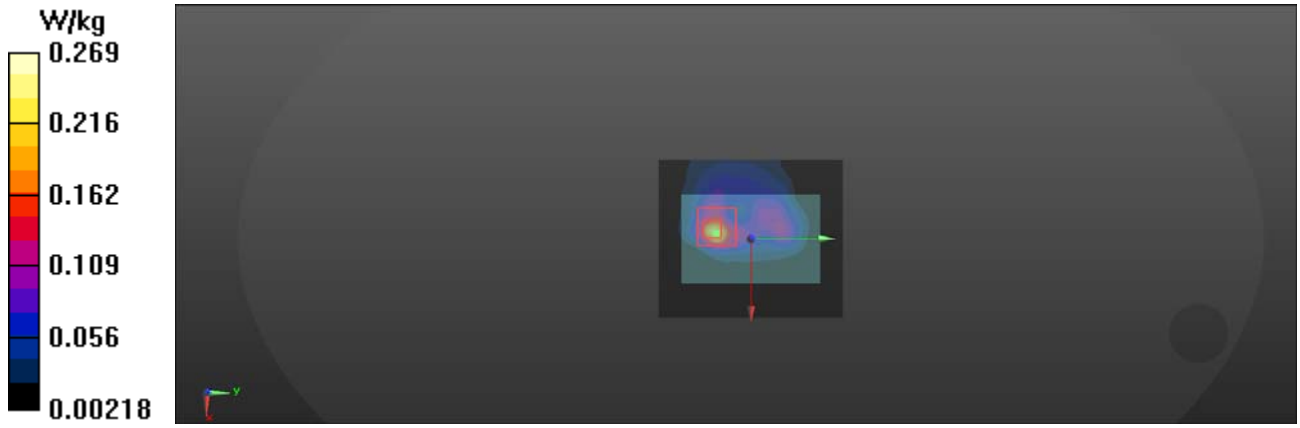
Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used : f = 707.5 MHz; σ = 0.87 S/m; ε_r = 40.265; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 707.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095 Type2/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.246 W/kg

Ch23095 Type2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.934 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.056 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 27.6%
Maximum value of SAR (measured) = 0.269 W/kg



Test Laboratory:BACL.SAR TestingLab

16_LTE FDD Band 13_10M_QPSK_1RB_0Offset_Body Front(0mm)_Ch23230

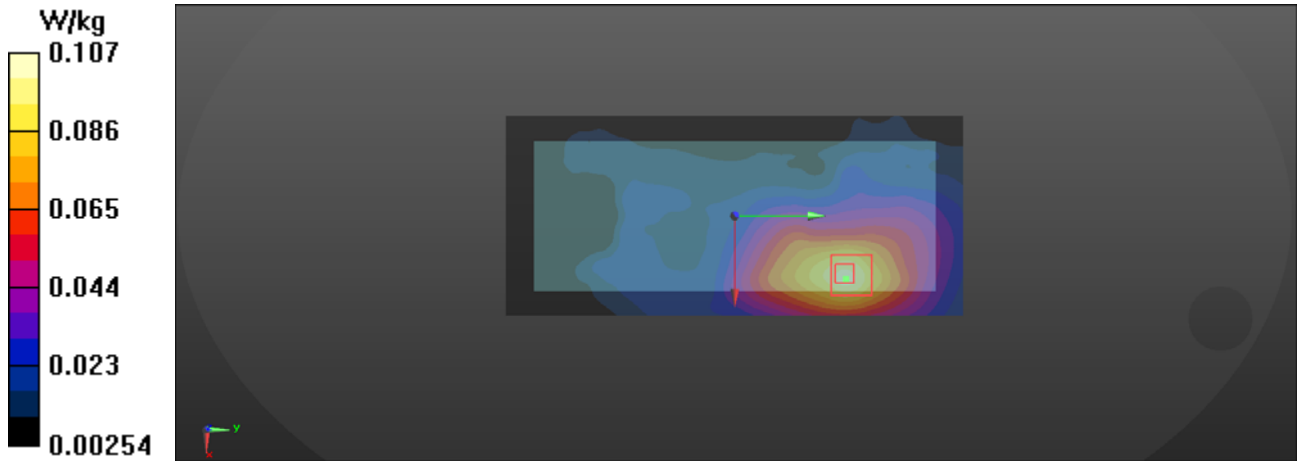
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.897 S/m; ε_r = 40.005; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 782 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23230/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.103 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.82 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.047 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 62%
Maximum value of SAR (measured) = 0.107 W/kg



Test Laboratory:BACL.SAR TestingLab

16-2_LTE FDD Band 13_10M_QPSK_50%RB_0Offset_Body Front(0mm)_Ch23230

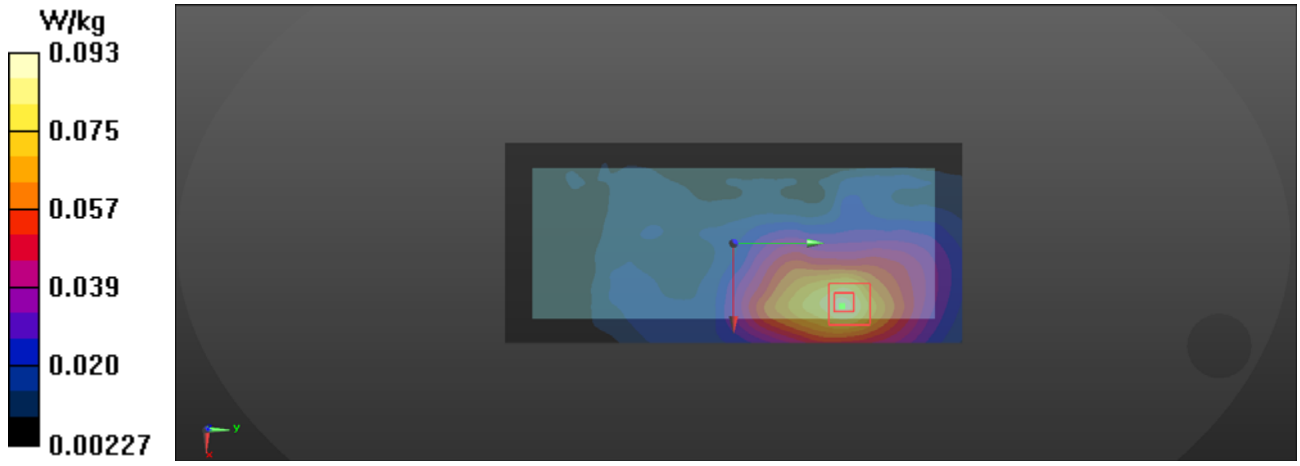
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.897 S/m; ε_r = 40.005; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 782 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23230 50%RB/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0892 W/kg

Ch23230 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.82 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.041 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 61.5%
Maximum value of SAR (measured) = 0.0932 W/kg



Test Laboratory:BACL.SAR TestingLab

17_LTE FDD Band 13_10M_QPSK_1RB_0Offset_Body Back(0mm)_Ch23230

DUT: F20

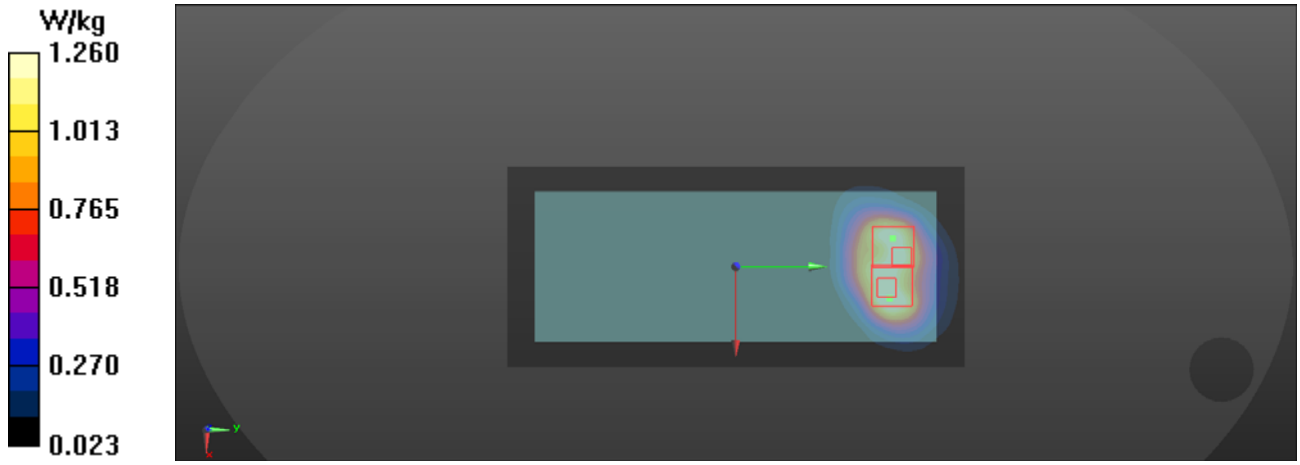
Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.897 S/m; ε_r = 40.005; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 782 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23230/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.46 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.40 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.535 W/kg
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 49.6%
Maximum value of SAR (measured) = 1.26 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.40 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.533 W/kg
Smallest distance from peaks to all points 3 dB below = 15.8 mm
Ratio of SAR at M2 to SAR at M1 = 65%
Maximum value of SAR (measured) = 1.15 W/kg



Test Laboratory:BACL.SAR TestingLab

17-4_LTE FDD Band 13_10M_QPSK_1RB_0Offset_Body Back(0mm)_Ch23230

DUT: F20

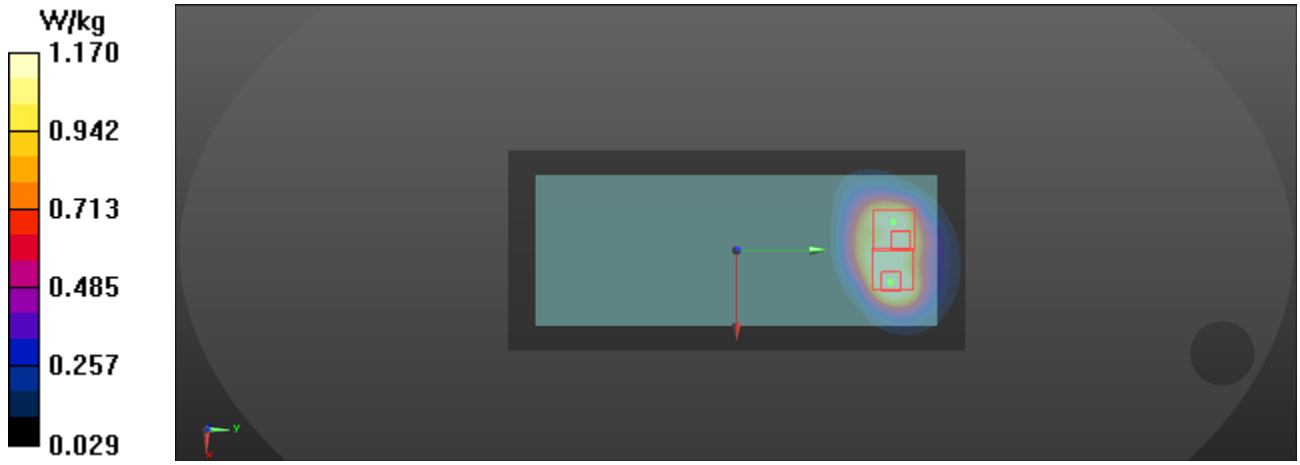
Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.897 S/m; ε_r = 40.005; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 782 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23230 retest/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.55 W/kg

Ch23230 retest/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.24 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.530 W/kg
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 49.6%
Maximum value of SAR (measured) = 1.28 W/kg

Ch23230 retest/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.24 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.880 W/kg; SAR(10 g) = 0.545 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 65.2%
Maximum value of SAR (measured) = 1.17 W/kg



Test Laboratory:BACL.SAR TestingLab

17-2_LTE FDD Band 13_10M_QPSK_50%RB_0Offset_Body Back(0mm)_Ch23230

DUT: F20

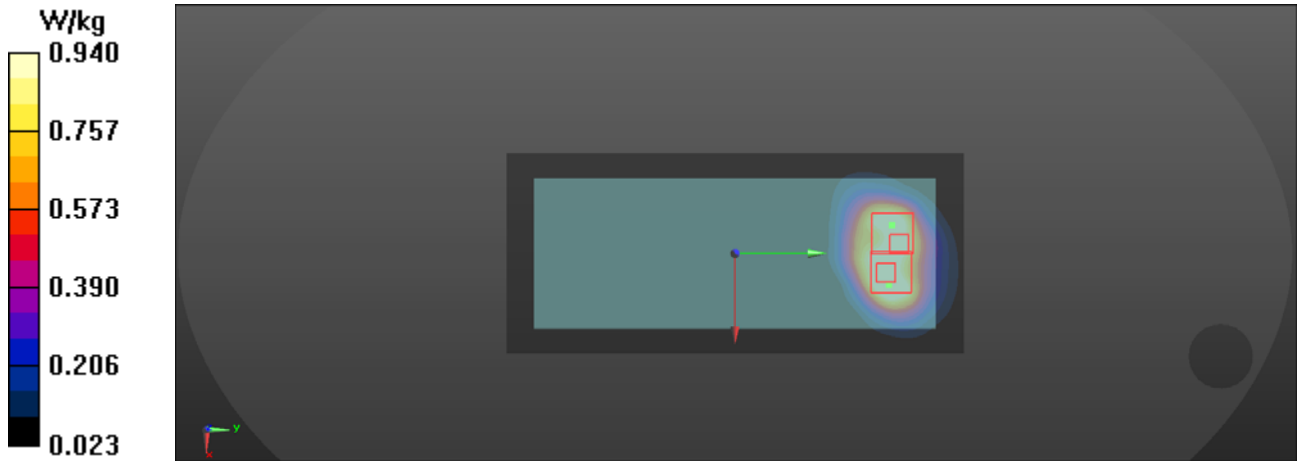
Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.897 S/m; ε_r = 40.005; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 782 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23230 50%RB/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Ch23230 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.20 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.425 W/kg
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 52.5%
Maximum value of SAR (measured) = 1.01 W/kg

Ch23230 50%RB/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.20 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.426 W/kg
Smallest distance from peaks to all points 3 dB below = 14.8 mm
Ratio of SAR at M2 to SAR at M1 = 63.6%
Maximum value of SAR (measured) = 0.940 W/kg



Test Laboratory:BACL.SAR TestingLab

17-5_LTE FDD Band 13_10M_QPSK_1RB_0Offset_Body Back(0mm)_Ch23230

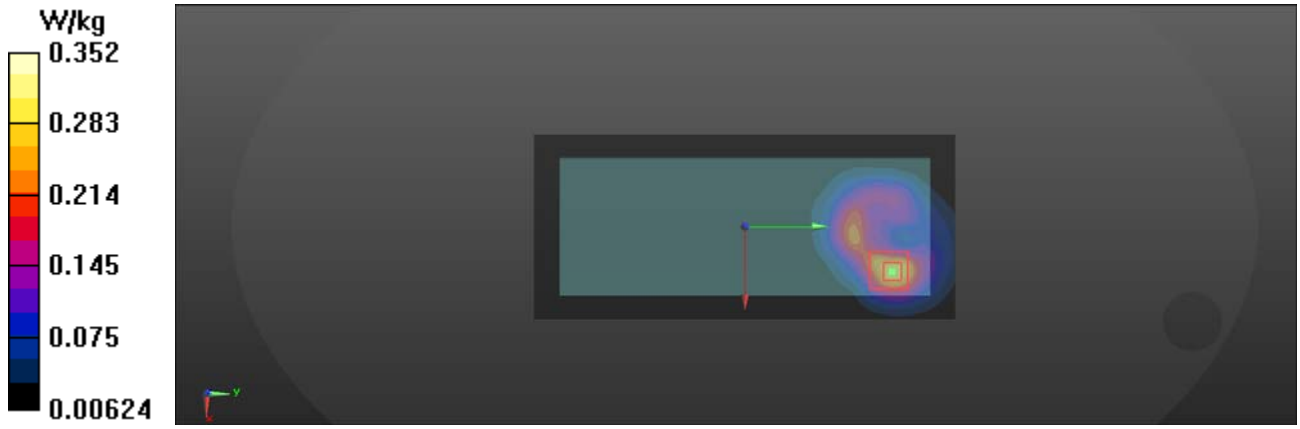
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.897 S/m; ε_r = 40.005; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 782 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23230 Type2/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.303 W/kg

Ch23230 Type2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.66 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.449 W/kg
SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.105 W/kg
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 47.5%
Maximum value of SAR (measured) = 0.352 W/kg



Test Laboratory:BACL.SAR TestingLab

18_LTE FDD Band 13_10M_QPSK_1RB_0Offset_Body Left(0mm)_Ch23230

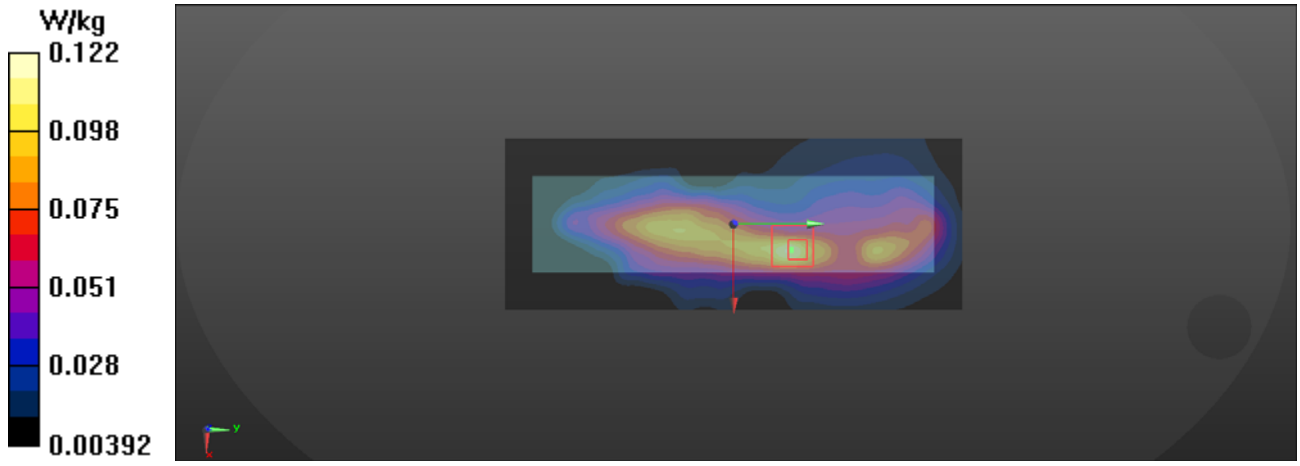
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.897 S/m; ε_r = 40.005; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 782 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23230/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.115 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.26 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.043 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 49.1%
Maximum value of SAR (measured) = 0.122 W/kg



Test Laboratory:BACL.SAR TestingLab

18-2_LTE FDD Band 13_10M_QPSK_50%RB_0Offset_Body Left(0mm)_Ch23230

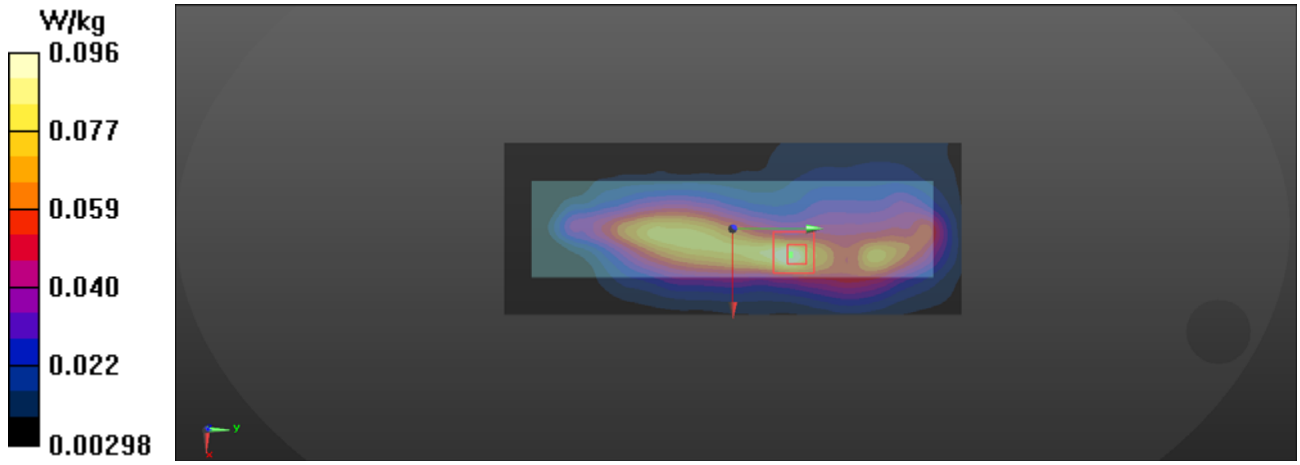
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.897 S/m; ε_r = 40.005; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 782 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23230 50%RB/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0993 W/kg

Ch23230 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.05 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.034 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 49.8%
Maximum value of SAR (measured) = 0.0959 W/kg



Test Laboratory:BACL.SAR TestingLab

19_LTE FDD Band 13_10M_QPSK_1RB_0Offset_Body Right(0mm)_Ch23230

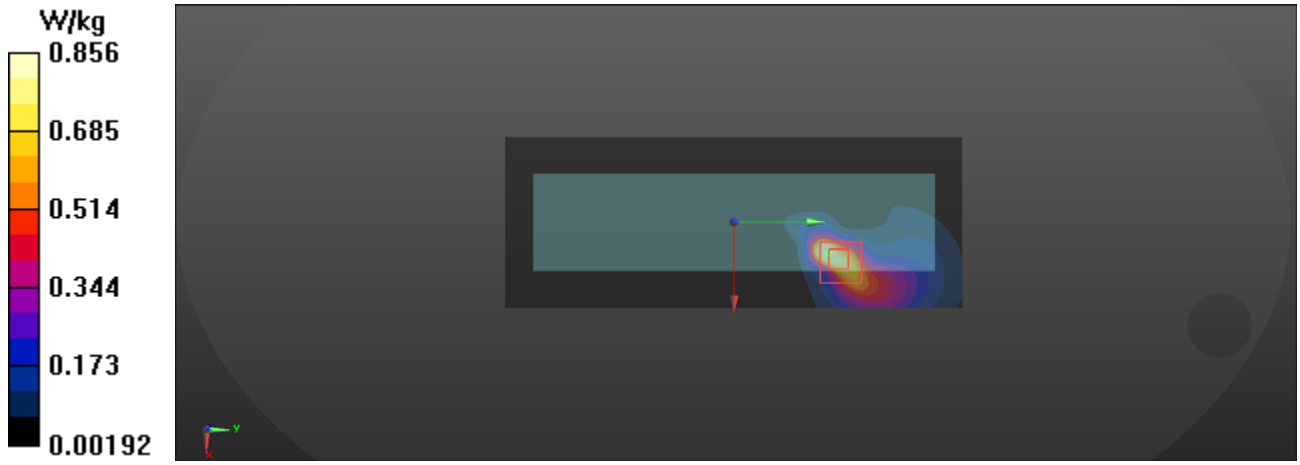
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.897 S/m; ε_r = 40.005; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 782 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23230/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.12 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.243 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 40.7%
Maximum value of SAR (measured) = 0.856 W/kg



Test Laboratory:BACL.SAR TestingLab

19-2_LTE FDD Band 13_10M_QPSK_50%RB_0Offset_Body Right(0mm)_Ch23230

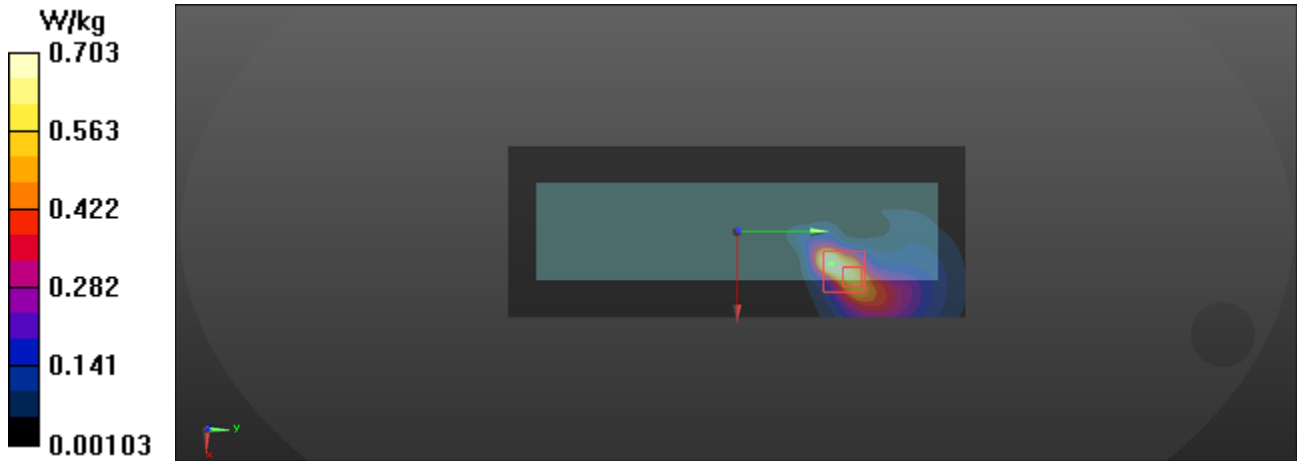
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.897 S/m; ε_r = 40.005; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 782 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23230 50%RB/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.867 W/kg

Ch23230 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.24 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.209 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 40.5%
Maximum value of SAR (measured) = 0.703 W/kg



Test Laboratory:BACL.SAR TestingLab

20_LTE FDD Band 13_10M_QPSK_1RB_0Offset_Body Top(0mm)_Ch23230

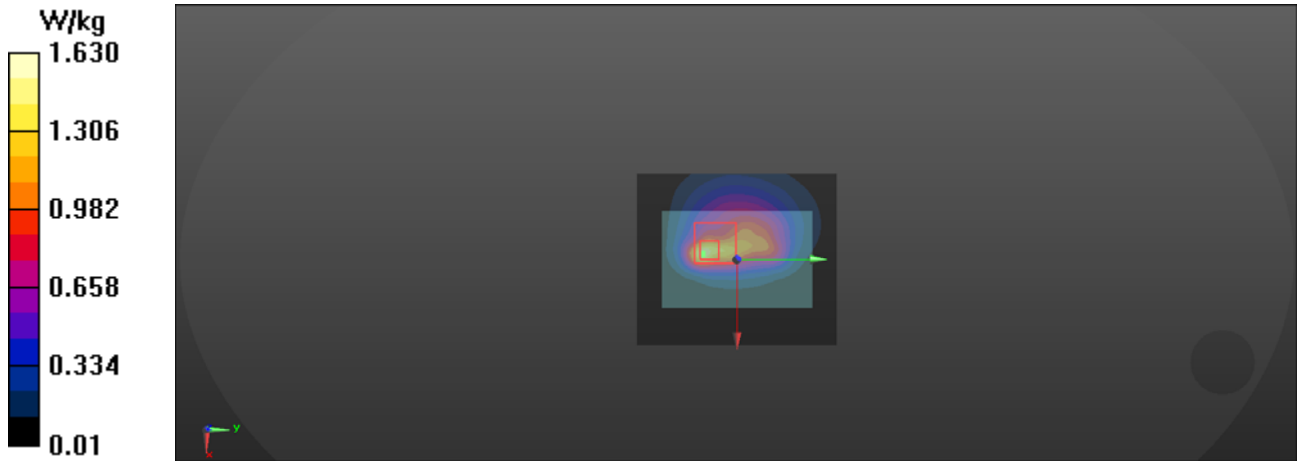
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.897 S/m; ε_r = 40.005; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 782 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23230/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.52 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.47 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.25 W/kg
SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.467 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 38.5%
Maximum value of SAR (measured) = 1.63 W/kg



Test Laboratory:BACL.SAR TestingLab

120-3_LTE FDD Band 13_10M_QPSK_1RB_0Offset_Body Top(0mm)_Ch23230

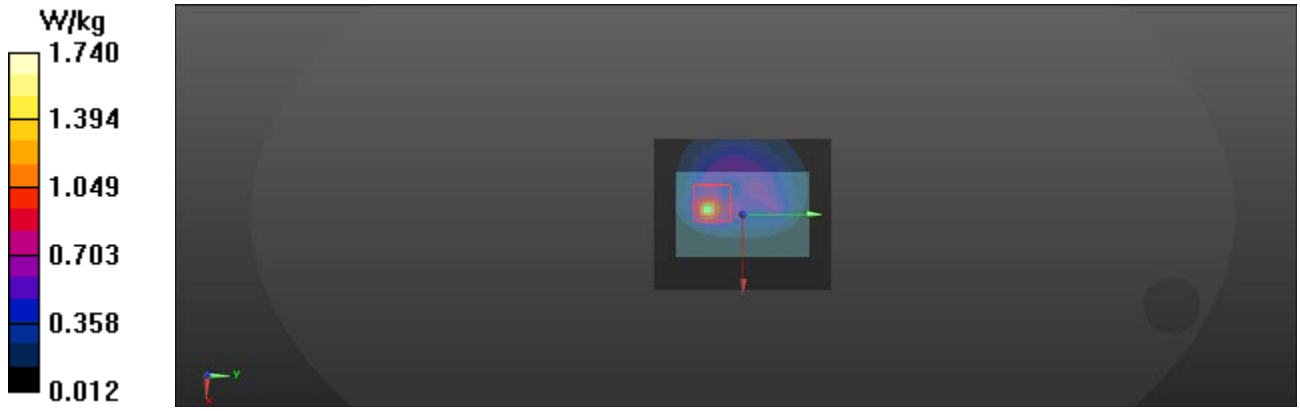
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.897 S/m; ε_r = 40.005; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 782 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23230 Retest 1/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.54 W/kg

Ch23230 Retest 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.49 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.344 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 32.6%
Maximum value of SAR (measured) = 1.74 W/kg



Test Laboratory:BACL.SAR TestingLab

20-2_LTE FDD Band 13_10M_QPSK_50%RB_0Offset_Body Top(0mm)_Ch23230

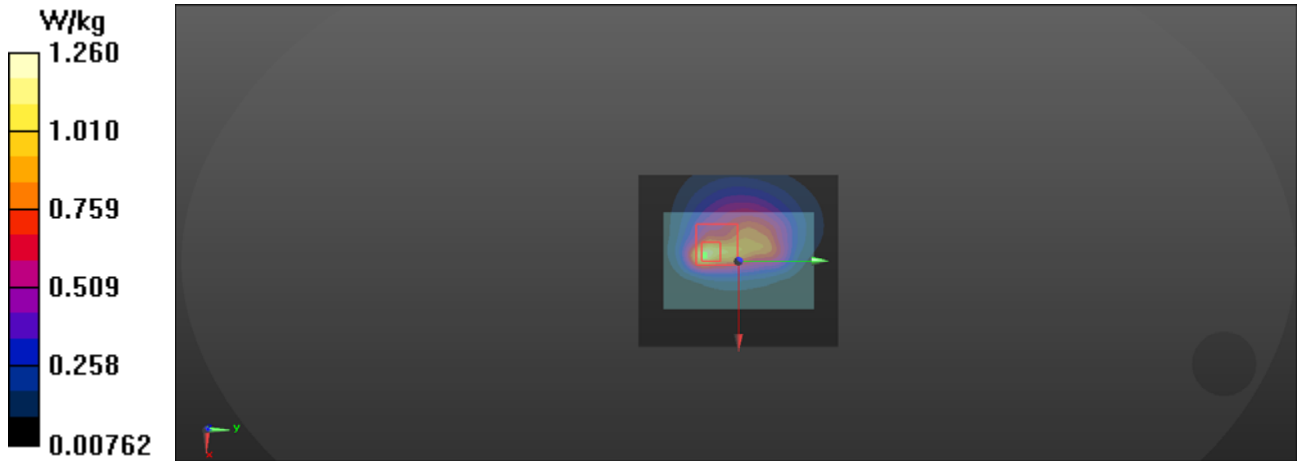
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.897 S/m; ε_r = 40.005; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 782 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23230 50%RB/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Ch23230 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.77 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.365 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 38.4%
Maximum value of SAR (measured) = 1.26 W/kg



Test Laboratory:BACL.SAR TestingLab

71_LTE FDD Band 14_10M_QPSK_1RB_0Offset_Body Front(0mm)_Ch23330

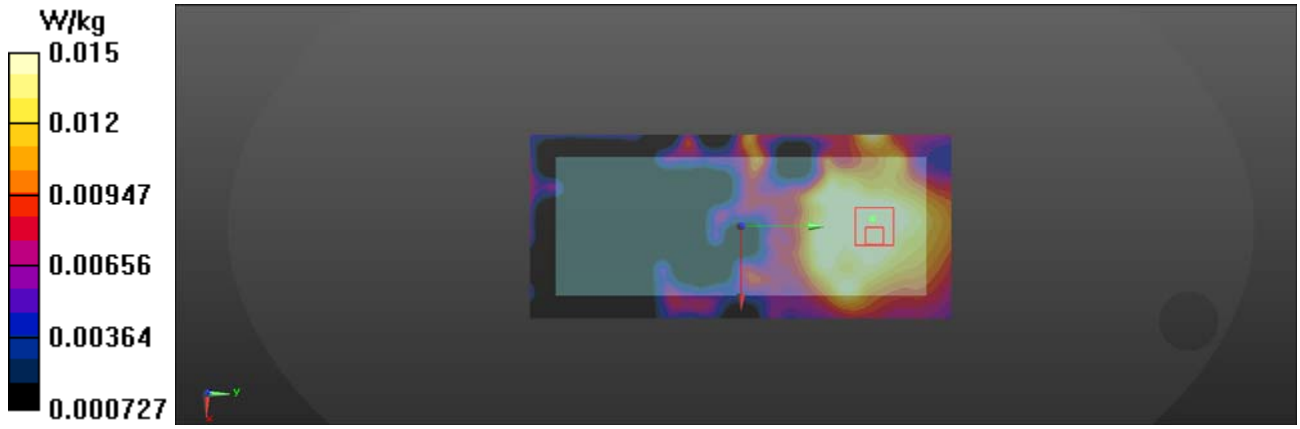
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 793 MHz; σ = 0.902 S/m; ε_r = 40.007; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 793 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23330/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0181 W/kg

Ch23330/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.746 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0180 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00557 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 58.9%
Maximum value of SAR (measured) = 0.0153 W/kg



Test Laboratory:BACL.SAR TestingLab

71-2_LTE FDD Band 14_10M_QPSK_50%RB_0Offset_Body Front(0mm)_Ch23330

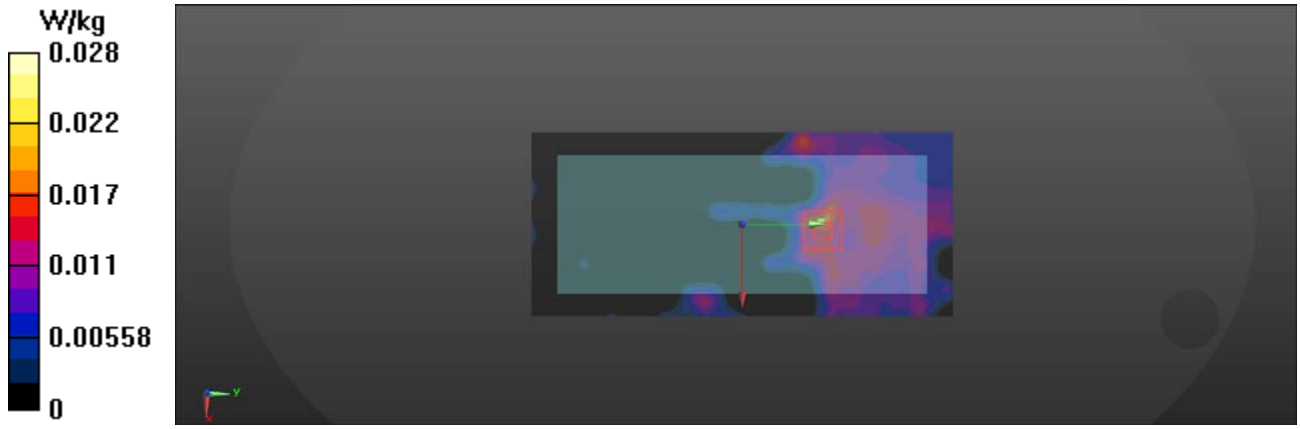
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 793 MHz; σ = 0.902 S/m; ε_r = 40.007; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 793 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23330 50%RB/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0174 W/kg

Ch23330 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.635 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.0190 W/kg
SAR(1 g) = 0.00911 W/kg; SAR(10 g) = 0.00481 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 10.8%
Maximum value of SAR (measured) = 0.0279 W/kg



Test Laboratory:BACL.SAR TestingLab

72_LTE FDD Band 14_10M_QPSK_1RB_0Offset_Body Back(0mm)_Ch23330

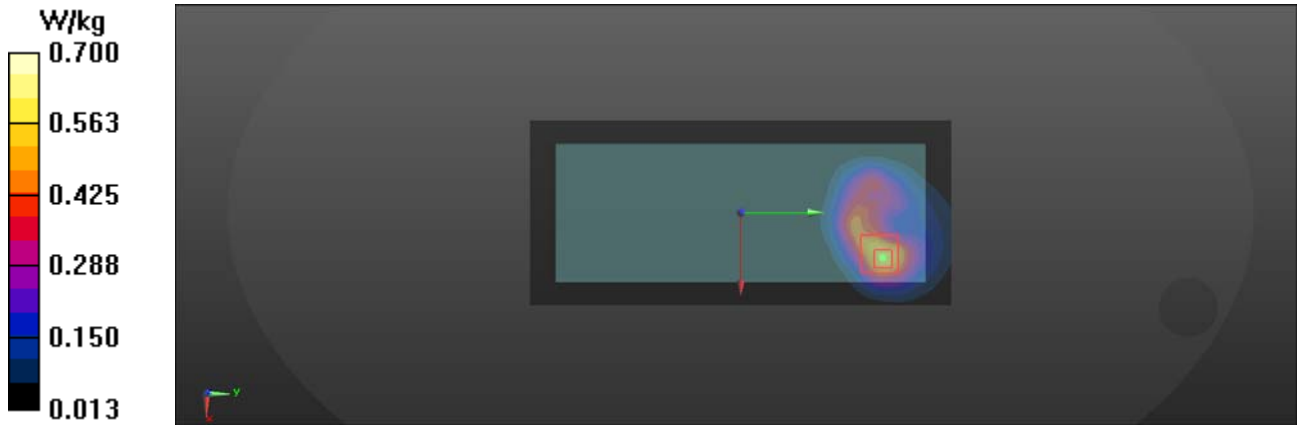
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 793 MHz; σ = 0.902 S/m; ε_r = 40.007; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 793 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23330/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.595 W/kg

Ch23330/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.20 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.887 W/kg
SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.224 W/kg
Smallest distance from peaks to all points 3 dB below = 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 49.2%
Maximum value of SAR (measured) = 0.700 W/kg



Test Laboratory:BACL.SAR TestingLab

72-2_LTE FDD Band 14_10M_QPSK_50%RB_0Offset_Body Back(0mm)_Ch23330

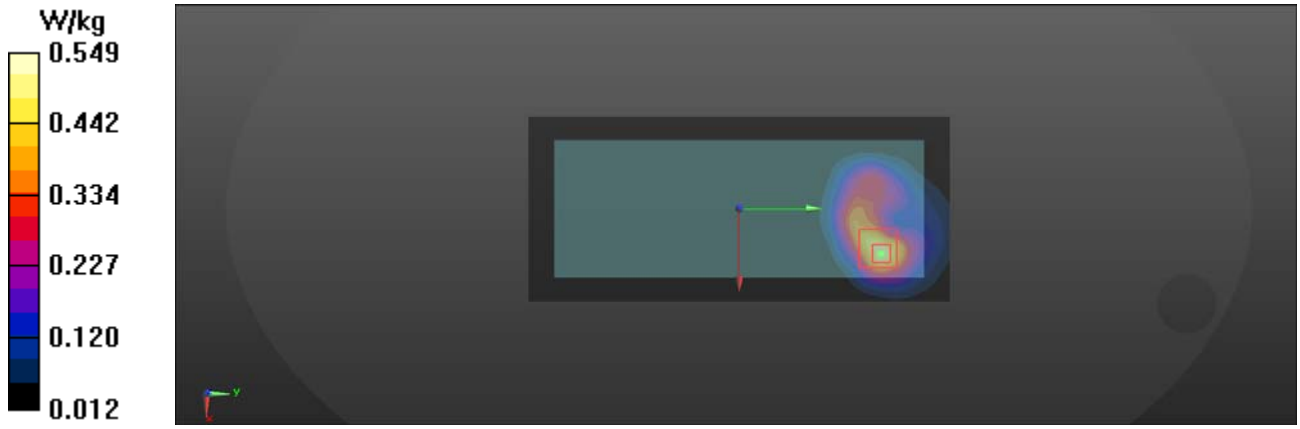
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 793 MHz; σ = 0.902 S/m; ε_r = 40.007; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 793 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23330 50%RB/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.511 W/kg

Ch23330 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.73 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.691 W/kg
SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.184 W/kg
Smallest distance from peaks to all points 3 dB below = 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 50.7%
Maximum value of SAR (measured) = 0.549 W/kg



Test Laboratory:BACL.SAR TestingLab

73_LTE FDD Band 14_10M_QPSK_1RB_0Offset_Body Left(0mm)_Ch23330

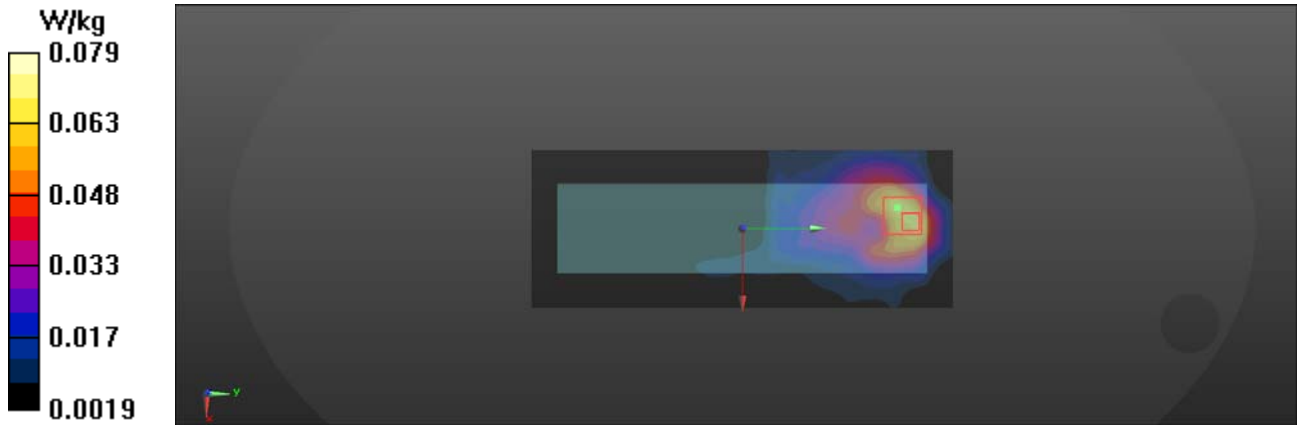
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 793 MHz; σ = 0.902 S/m; ε_r = 40.007; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 793 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23330/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0682 W/kg

Ch23330/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.933 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.101 W/kg
SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.027 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 48%
Maximum value of SAR (measured) = 0.0785 W/kg



Test Laboratory:BACL.SAR TestingLab

73-2_LTE FDD Band 14_10M_QPSK_50%RB_0Offset_Body Left(0mm)_Ch23330

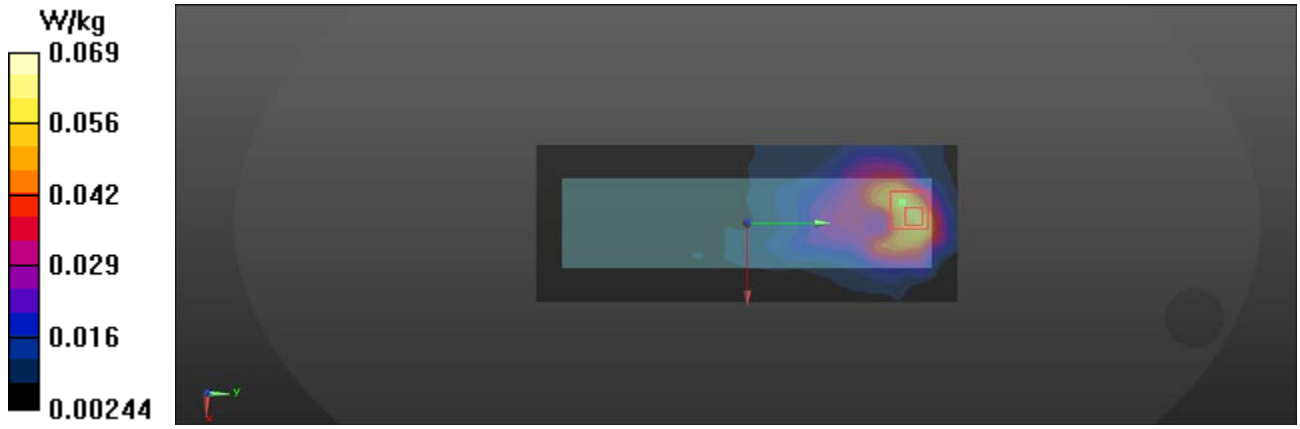
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 793 MHz; σ = 0.902 S/m; ε_r = 40.007; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 793 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23330 50%RB/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0590 W/kg

Ch23330 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.303 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.0870 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.025 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 46.6%
Maximum value of SAR (measured) = 0.0688 W/kg



Test Laboratory:BACL.SAR TestingLab

74_LTE FDD Band 14_10M_QPSK_1RB_0Offset_Body Right(0mm)_Ch23330

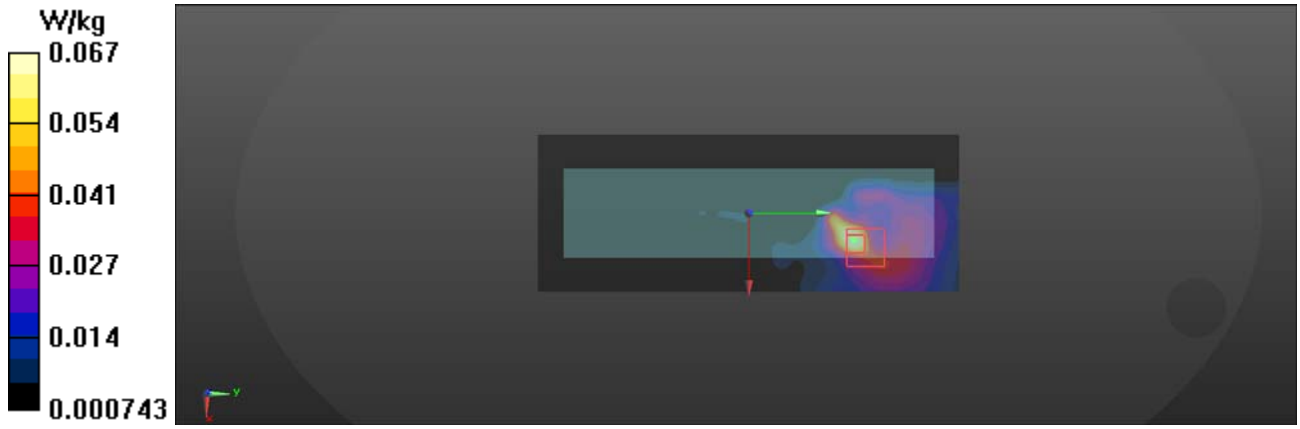
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 793 MHz; σ = 0.902 S/m; ε_r = 40.007; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 793 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23330/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0762 W/kg

Ch23330/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.669 V/m; Power Drift = -0.67 dB
Peak SAR (extrapolated) = 0.0970 W/kg
SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.015 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 32.5%
Maximum value of SAR (measured) = 0.0673 W/kg



Test Laboratory:BACL.SAR TestingLab

74-2_LTE FDD Band 14_10M_QPSK_50%RB_0Offset_Body Right(0mm)_Ch23330

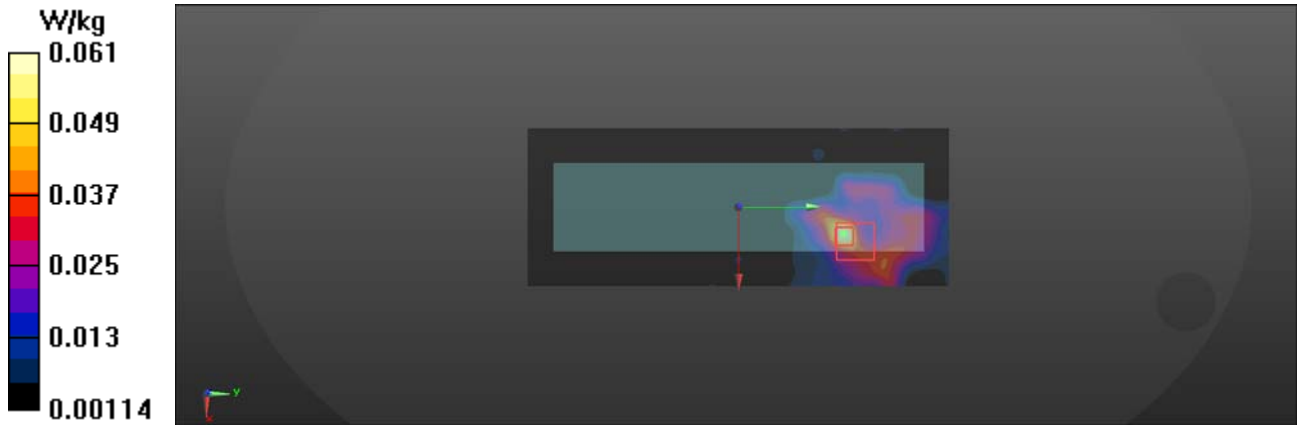
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 793 MHz; σ = 0.902 S/m; ε_r = 40.007; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 793 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23330 50%RB/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0674 W/kg

Ch23330 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.111 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.015 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 31.5%
Maximum value of SAR (measured) = 0.0613 W/kg



Test Laboratory:BACL.SAR TestingLab

75_LTE FDD Band 14_10M_QPSK_1RB_0Offset_Body Top(0mm)_Ch23330

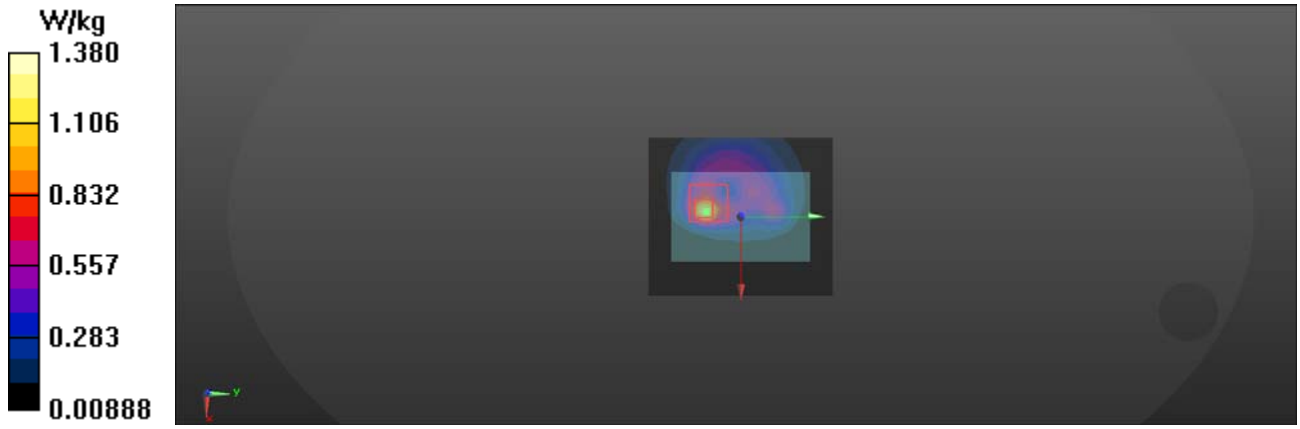
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 793 MHz; σ = 0.902 S/m; ε_r = 40.007; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 793 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23330/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Ch23330/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.17 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.14 W/kg
SAR(1 g) = 0.702 W/kg; SAR(10 g) = 0.309 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 30.6%
Maximum value of SAR (measured) = 1.38 W/kg



Test Laboratory:BACL.SAR TestingLab

75-2_LTE FDD Band 14_10M_QPSK_50%RB_0Offset_Body Top(0mm)_Ch23330

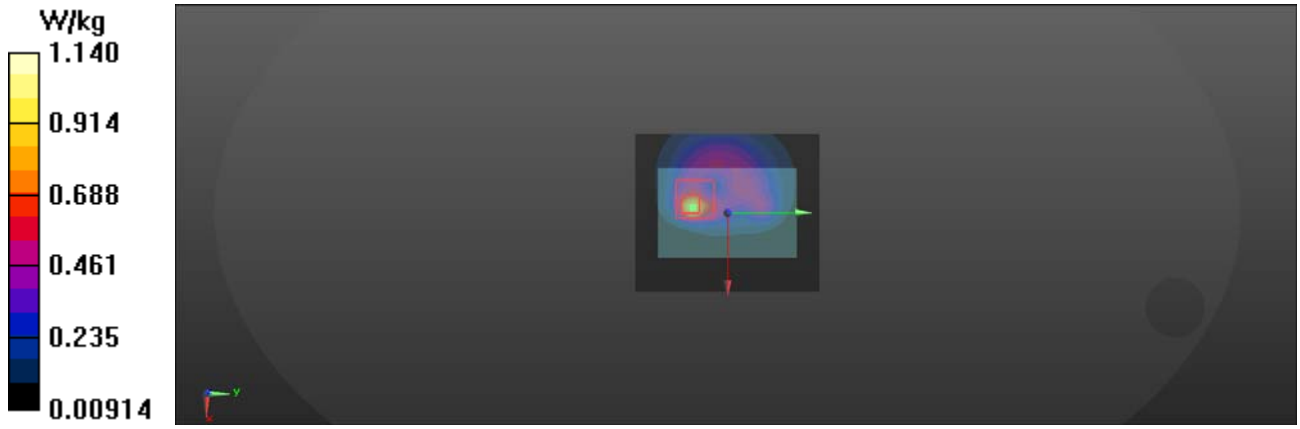
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 793 MHz; σ = 0.902 S/m; ε_r = 40.007; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 793 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23330 50%RB/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Ch23330 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.45 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.258 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 38%
Maximum value of SAR (measured) = 1.14 W/kg



Test Laboratory:BACL.SAR TestingLab

75-3_LTE FDD Band 14_10M_QPSK_1RB_0Offset_Body Top(0mm)_Ch23330

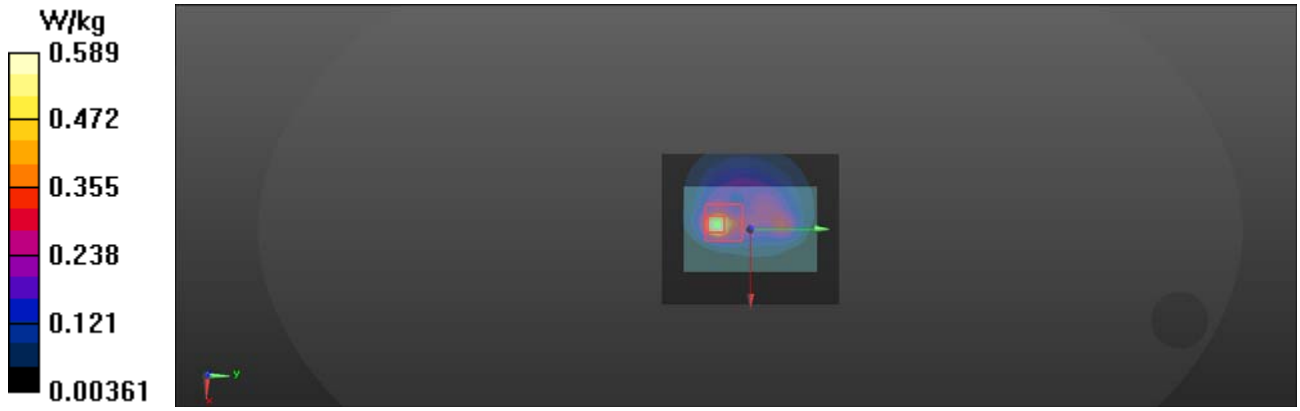
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 793 MHz; σ = 0.902 S/m; ε_r = 40.007; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 793 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23330 Type2/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.650 W/kg

Ch23330 Type2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.22 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.902 W/kg
SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.134 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 36.5%
Maximum value of SAR (measured) = 0.589 W/kg



Test Laboratory:BACL.SAR TestingLab

46_LTE FDD Band 25 & 2_20M_QPSK_1RB_0Offset_Body Front(0mm) _Ch18900

DUT: F20

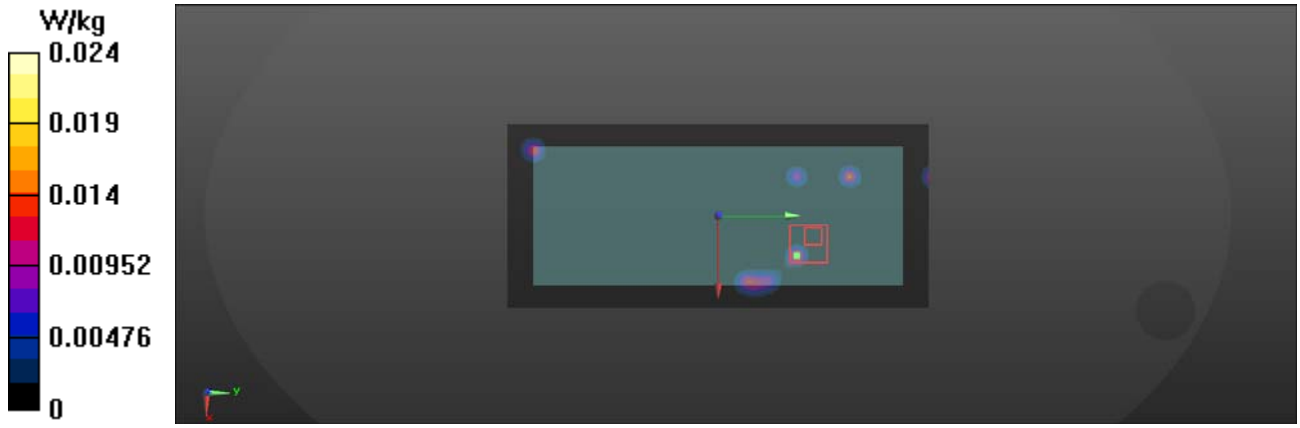
Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch18900/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0179 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.369 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.0350 W/kg
SAR(1 g) = 0.00885 W/kg; SAR(10 g) = 0.00183 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 71.6%
Maximum value of SAR (measured) = 0.0238 W/kg



Test Laboratory:BACL.SAR TestingLab

46-2_LTE FDD Band 25 & 2_20M_QPSK_50%RB_0Offset_Body Front(0mm) _Ch18900

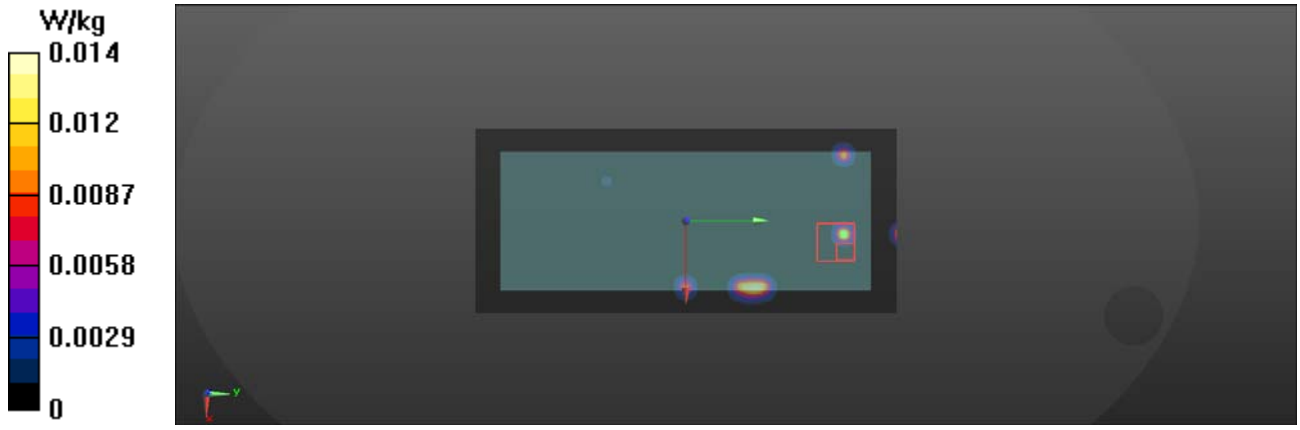
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch18900 50%RB/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0162 W/kg

Ch18900 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.907 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0140 W/kg
SAR(1 g) = 0.001 W/kg; SAR(10 g) = 0.00017 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 98.6%
Maximum value of SAR (measured) = 0.0145 W/kg



Test Laboratory:BACL.SAR TestingLab

47_LTE FDD Band 25 & 2_20M_QPSK_1RB_0Offset_Body Back(0mm)_Ch18900

DUT: F20

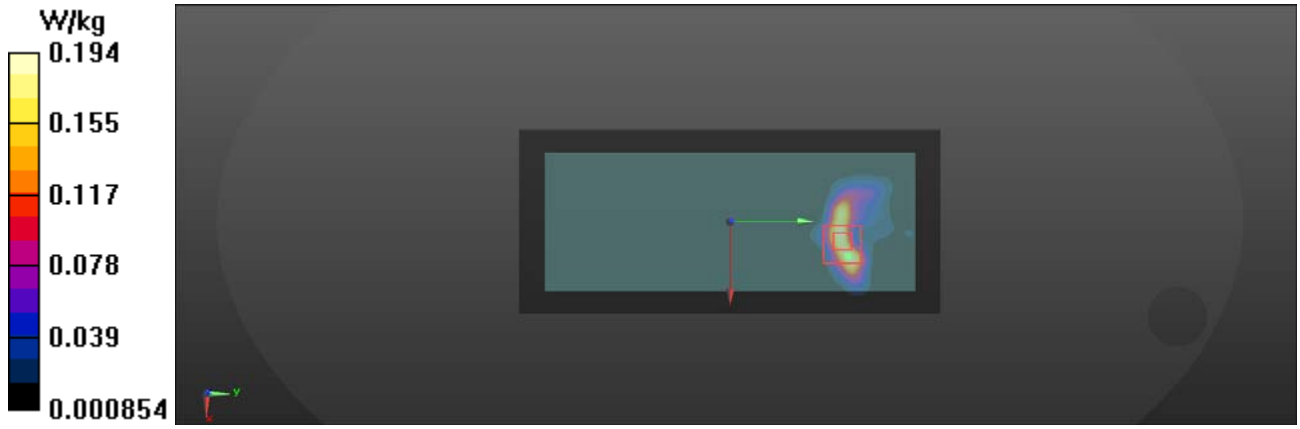
Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch18900/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.192 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.58 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.348 W/kg
SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.047 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 31.5%
Maximum value of SAR (measured) = 0.194 W/kg



Test Laboratory:BACL.SAR TestingLab

47-2_LTE FDD Band 25 & 2_20M_QPSK_50%RB_0Offset_Body Back(0mm) _Ch18900

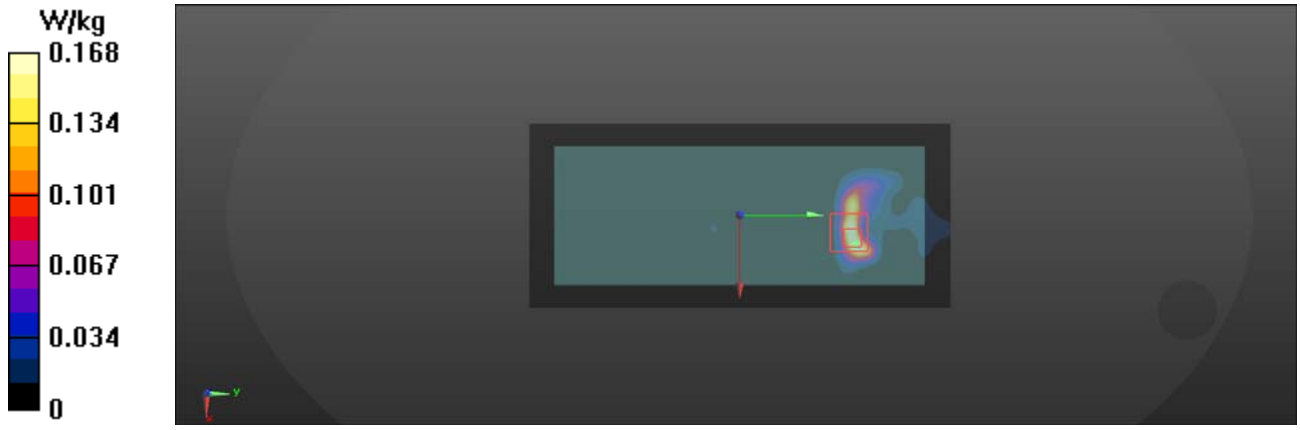
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch18900 50%RB/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.194 W/kg

Ch18900 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.01 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.264 W/kg
SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.035 W/kg
Smallest distance from peaks to all points 3 dB below = 3.2 mm
Ratio of SAR at M2 to SAR at M1 = 30.1%
Maximum value of SAR (measured) = 0.168 W/kg



Test Laboratory:BACL.SAR TestingLab

47-3_LTE FDD Band 25 & 2_20M_QPSK_1RB_0Offset_Body Back(0mm) _Ch18900

DUT: F20

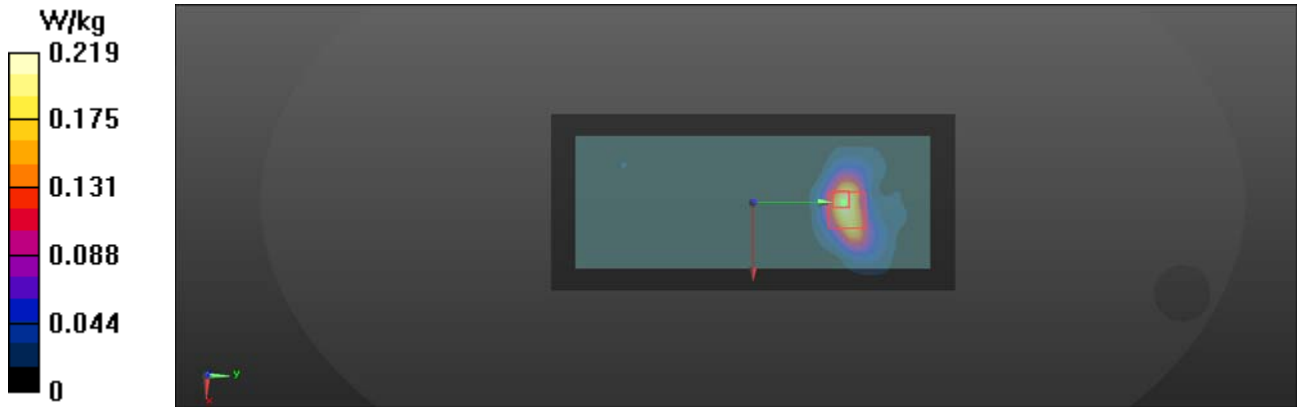
Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch18900 Type2/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.219 W/kg

Ch18900 Type2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.51 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.042 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 37.7%
Maximum value of SAR (measured) = 0.256 W/kg



Test Laboratory:BACL.SAR TestingLab

48_LTE FDD Band 25 & 2_20M_QPSK_1RB_0Offset_Body Left(0mm)_Ch18900

DUT: F20

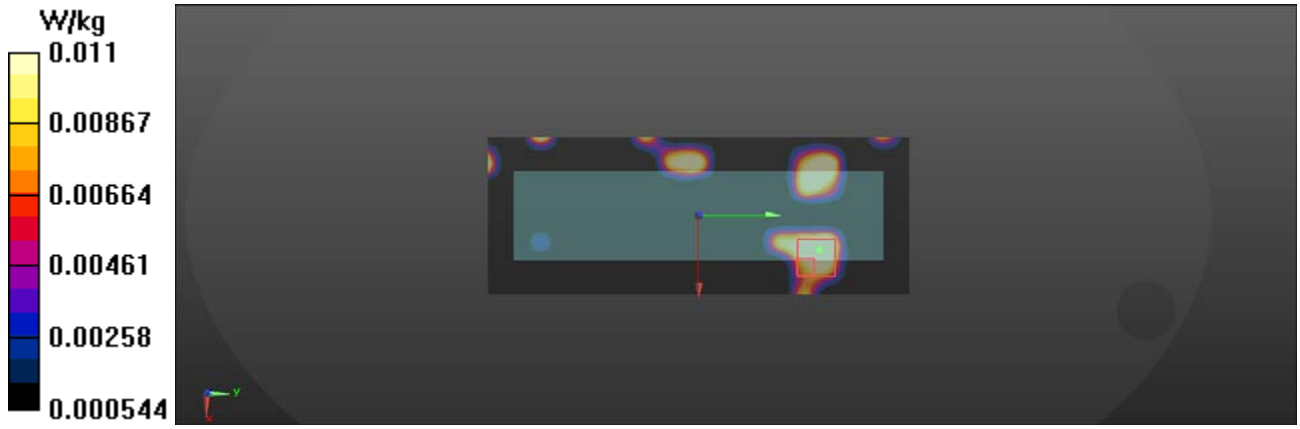
Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch18900/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0159 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.398 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0120 W/kg
SAR(1 g) = 0.006 W/kg; SAR(10 g) = 0.00157 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 70.9%
Maximum value of SAR (measured) = 0.0107 W/kg



Test Laboratory:BACL.SAR TestingLab

48-2_LTE FDD Band 25 & 2_20M_QPSK_50%RB_0Offset_Body Left(0mm)_Ch18900

DUT: F20

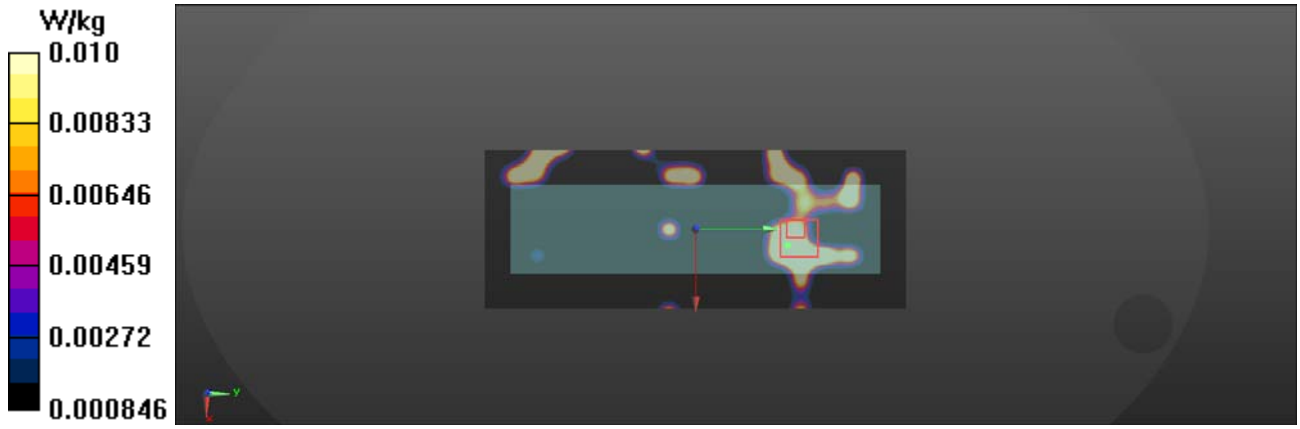
Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch18900 50%RB/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0514 W/kg

Ch18900 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.588 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0160 W/kg
SAR(1 g) = 0.00243 W/kg; SAR(10 g) = 0.000506 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 92.8%
Maximum value of SAR (measured) = 0.0102 W/kg



Test Laboratory:BACL.SAR TestingLab

49_LTE FDD Band 25 & 2_20M_QPSK_1RB_0Offset_Body Right(0mm)_Ch18900

DUT: F20

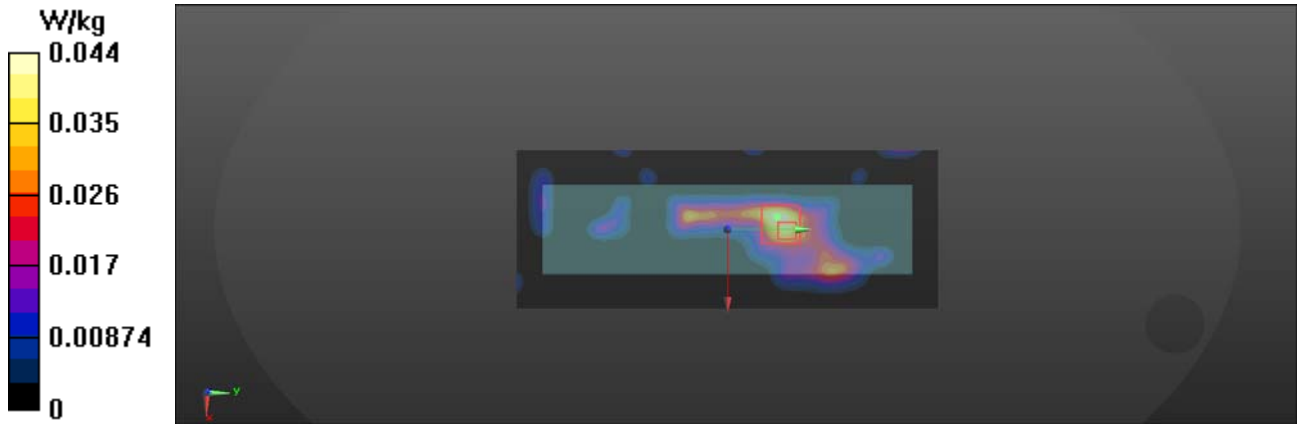
Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch18900/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0437 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.815 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0660 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.012 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 42.5%
Maximum value of SAR (measured) = 0.0455 W/kg



Test Laboratory:BACL.SAR TestingLab

49-2_LTE FDD Band 25 & 2_20M_QPSK_50%RB_0Offset_Body Right(0mm) _Ch18900

DUT: F20

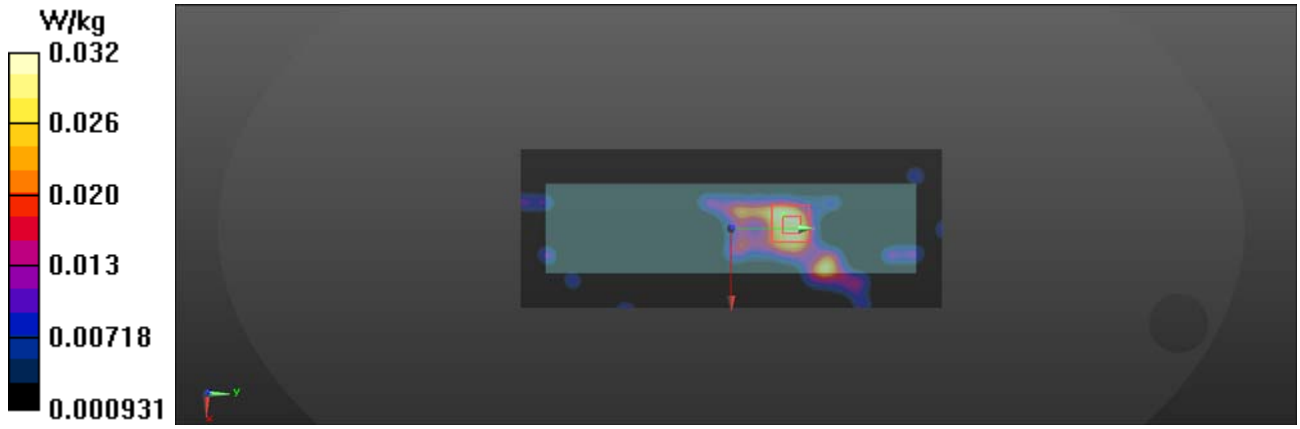
Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch18900 50%RB/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0335 W/kg

Ch18900 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.897 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0670 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00701 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 35.4%
Maximum value of SAR (measured) = 0.0322 W/kg



Test Laboratory:BACL.SAR TestingLab

50_LTE FDD Band 25 & 2_20M_QPSK_1RB_0Offset_Body Top(0mm)_Ch18900

DUT: F20

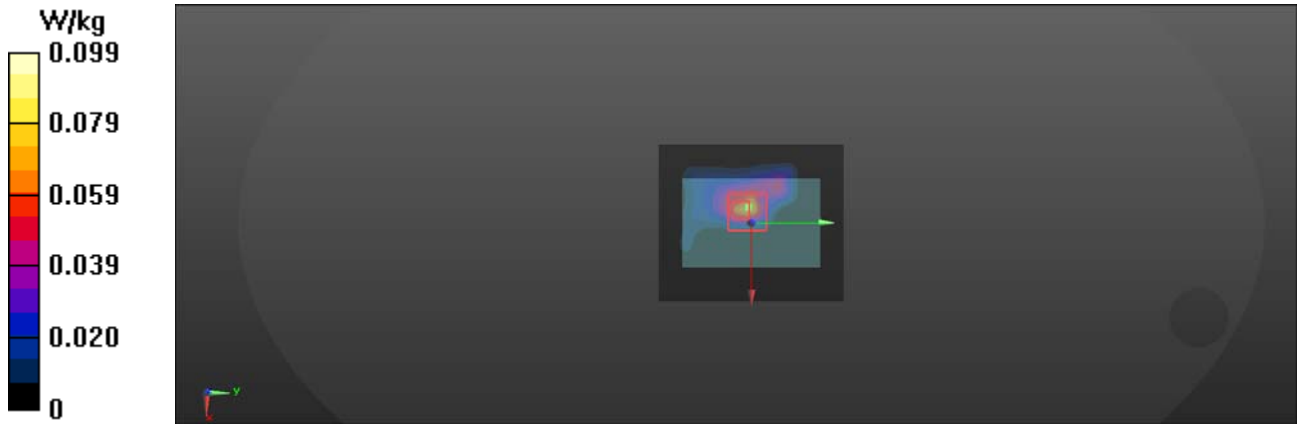
Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch18900/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0744 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.232 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.139 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.019 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 43.2%
Maximum value of SAR (measured) = 0.0986 W/kg



Test Laboratory:BACL.SAR TestingLab

50-2_LTE FDD Band 25 & 2_20M_QPSK_50%RB_0Offset_Body Top(0mm) _Ch18900

DUT: F20

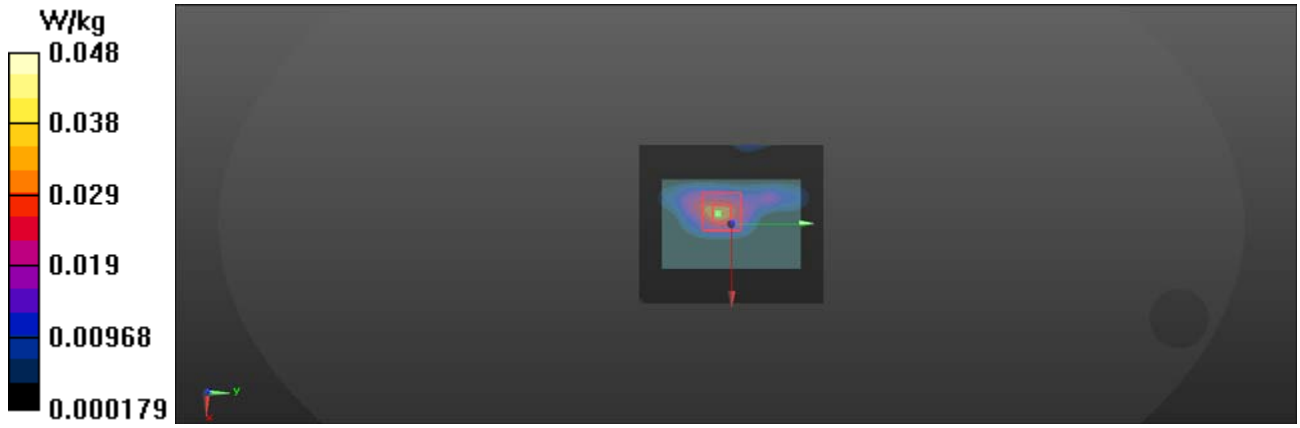
Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL2000 Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 38.509; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch18900 50%RB/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0317 W/kg

Ch18900 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.849 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.00943 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 38.2%
Maximum value of SAR (measured) = 0.0477 W/kg



Test Laboratory:BACL.SAR TestingLab

21_LTE FDD Band 26 & 5_15M_QPSK_1RB_0Offset_Body Front(0mm)_Ch26865

DUT: F20

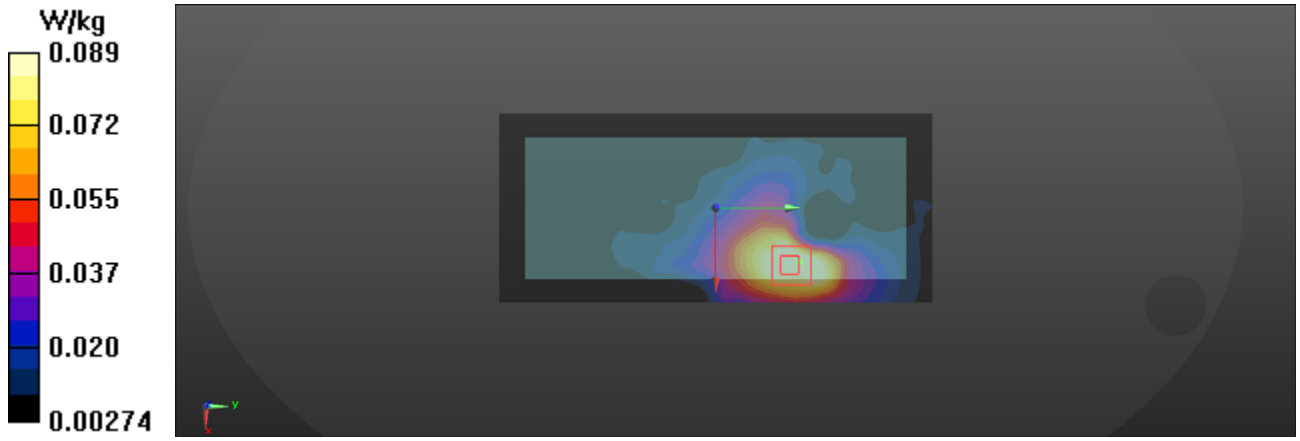
Communication System: UID 0, LTE (0); Frequency: 831 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 831 MHz; σ = 0.915 S/m; ε_r = 40.103; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 831 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch26865/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.102 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.19 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.106 W/kg
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.040 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 59.3%
Maximum value of SAR (measured) = 0.0893 W/kg



Test Laboratory:BACL.SAR TestingLab

21-2_LTE FDD Band 26 & 5_15M_QPSK_1RB_0Offset_Body Front(0mm)_Ch26865

DUT: F20

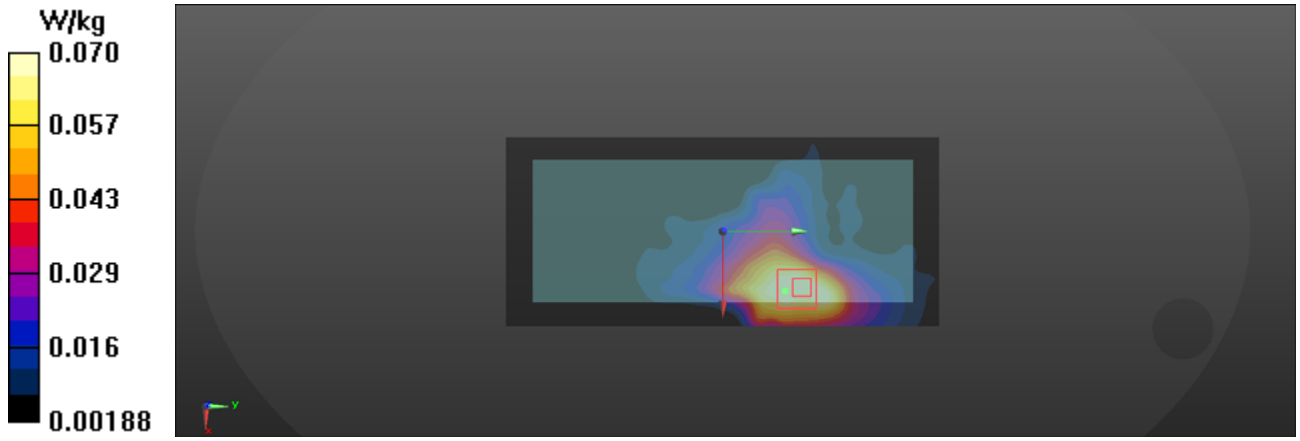
Communication System: UID 0, LTE (0); Frequency: 831 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 831 MHz; σ = 0.915 S/m; ε_r = 40.103; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 831 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch26865 50%RB/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0726 W/kg

Ch26865 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.304 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.0830 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.032 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 59.5%
Maximum value of SAR (measured) = 0.0704 W/kg



Test Laboratory:BACL.SAR TestingLab

122_LTE FDD Band 26 & 5_15M_QPSK_1RB_0Offset_Body Back(0mm)_Ch26865

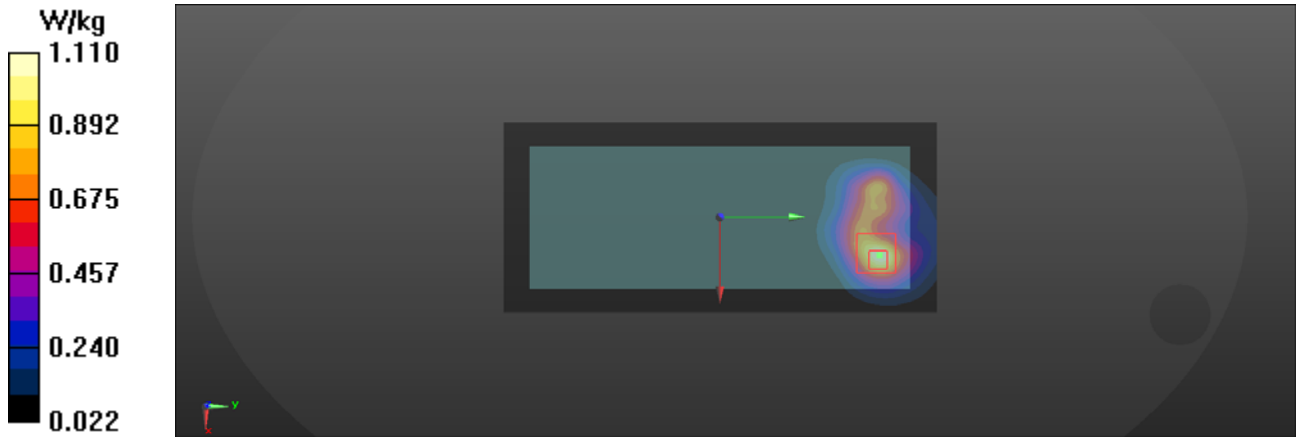
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 831 MHz;Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: f = 831 MHz; σ = 0.915 S/m; ε_r = 40.103; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 831 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch26865/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.96 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.380 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 46.6%
Maximum value of SAR (measured) = 1.11 W/kg



Test Laboratory:BACL.SAR TestingLab

122-2_LTE FDD Band 26 & 5_15M_QPSK_50%RB_0Offset_Body Back(0mm)_Ch26865

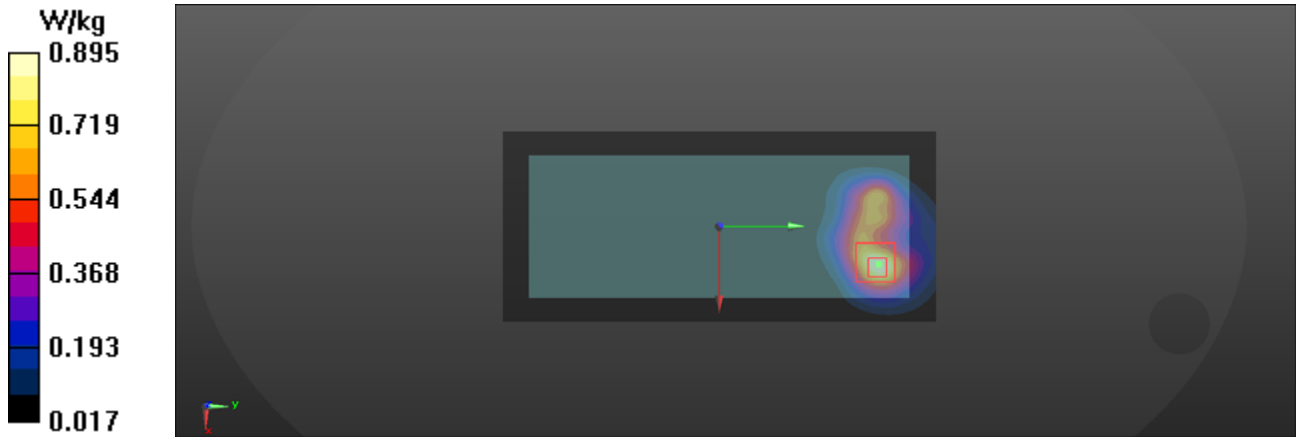
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 831 MHz;Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: f = 831 MHz; σ = 0.915 S/m; ε_r = 40.103; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 831 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch26865 50%RB/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.945 W/kg

Ch26865 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.64 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.315 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 53.2%
Maximum value of SAR (measured) = 0.895 W/kg



Test Laboratory:BACL.SAR TestingLab

23_LTE FDD Band 26 & 5_15M_QPSK_1RB_0Offset_Body Left(0mm)_Ch26865

DUT: F20

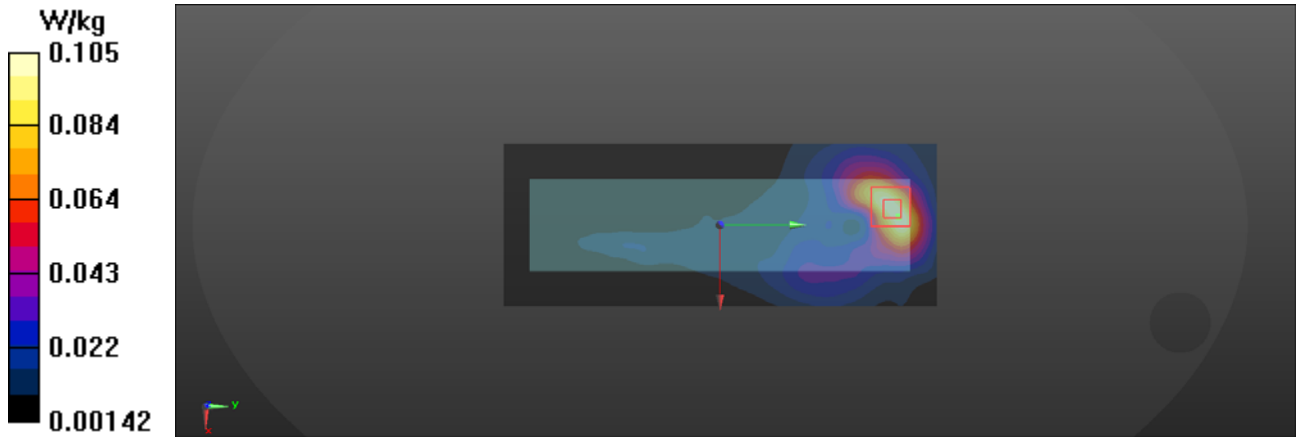
Communication System: UID 0, LTE (0); Frequency: 831 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 831 MHz; σ = 0.915 S/m; ε_r = 40.103; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 831 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch26865/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.106 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.119 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.041 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 47.6%
Maximum value of SAR (measured) = 0.105 W/kg



Test Laboratory:BACL.SAR TestingLab

23-2_LTE FDD Band 26 & 5_15M_QPSK_50%RB_0Offset_Body Left(0mm)_Ch26865

DUT: F20

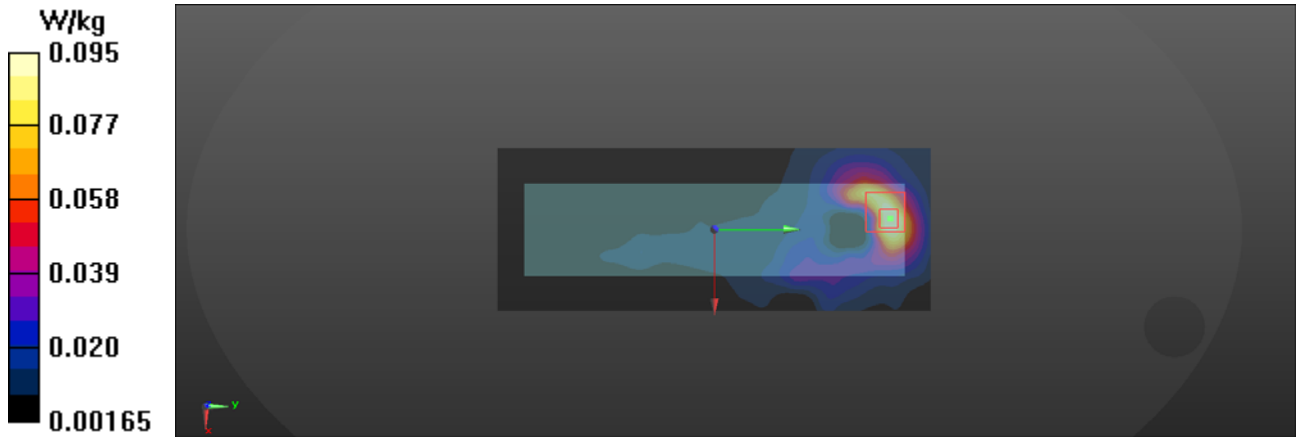
Communication System: UID 0, LTE (0); Frequency: 831 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 831 MHz; σ = 0.915 S/m; ε_r = 40.103; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 831 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch26865 50%RB/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.103 W/kg

Ch26865 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.837 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.119 W/kg
SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.035 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 47.7%
Maximum value of SAR (measured) = 0.0953 W/kg



Test Laboratory:BACL.SAR TestingLab

24_LTE FDD Band 26 & 5_15M_QPSK_1RB_0Offset_Body Right(0mm)_Ch26865

DUT: F20

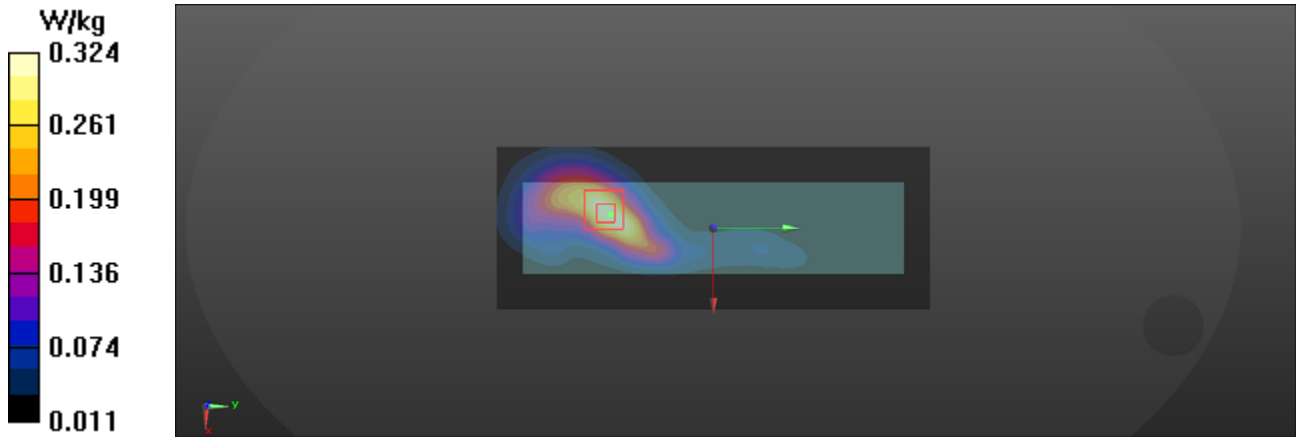
Communication System: UID 0, LTE (0); Frequency: 831 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 831 MHz; σ = 0.915 S/m; ε_r = 40.103; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 831 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch26865/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.329 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.215 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.406 W/kg
SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.127 W/kg
Smallest distance from peaks to all points 3 dB below = 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 56.2%
Maximum value of SAR (measured) = 0.324 W/kg



Test Laboratory:BACL.SAR TestingLab

24-2_LTE FDD Band 26 & 5_15M_QPSK_50%RB_0Offset_Body Right(0mm)_Ch26865

DUT: F20

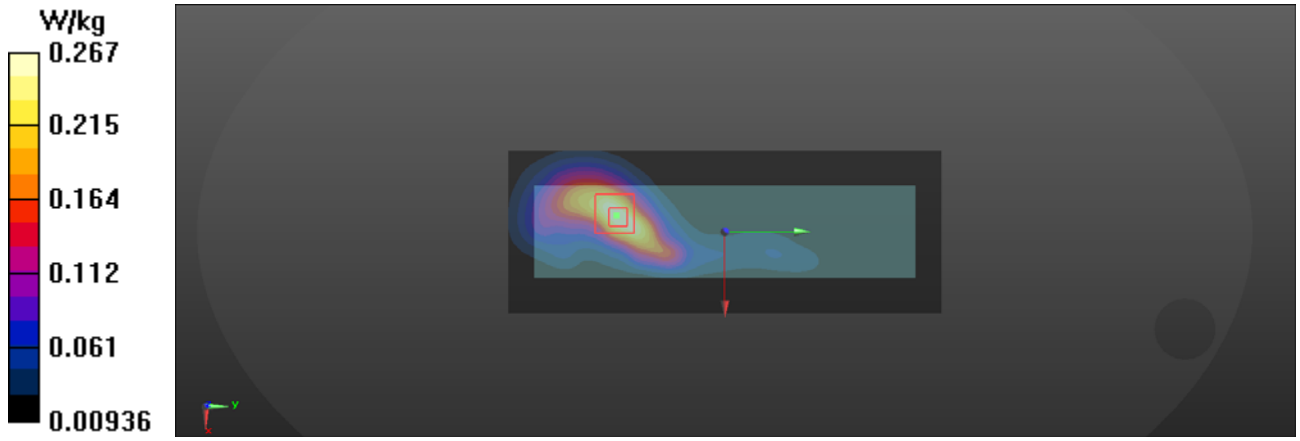
Communication System: UID 0, LTE (0); Frequency: 831 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 831 MHz; σ = 0.915 S/m; ε_r = 40.103; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 831 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch26865 50%RB/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.273 W/kg

Ch26865 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.726 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.333 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.106 W/kg
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 56.3%
Maximum value of SAR (measured) = 0.267 W/kg



Test Laboratory:BACL.SAR TestingLab

125-2_LTE FDD Band 26 & 5_15M_QPSK_1RB_0Offset_Body Top(0mm)_Ch26765

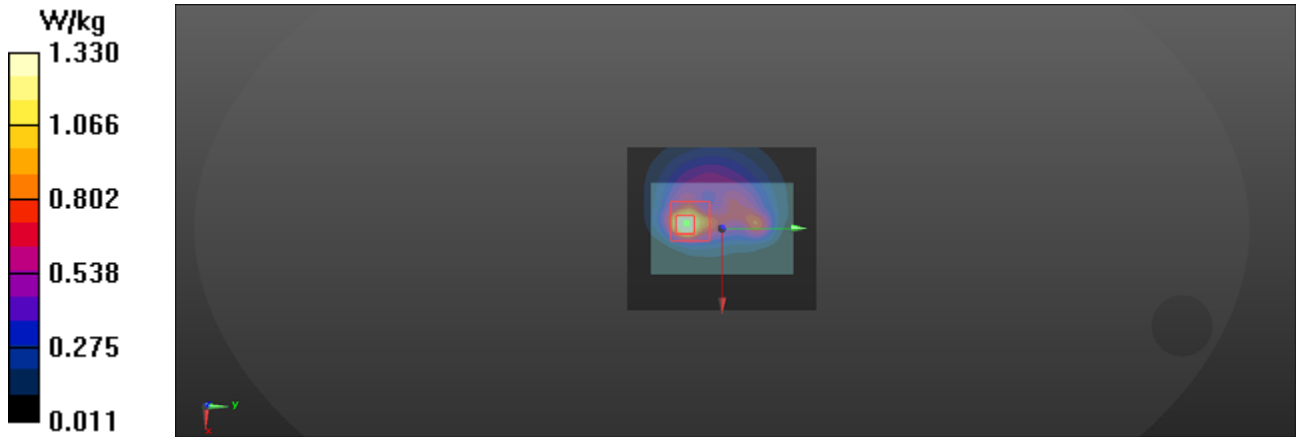
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: f = 821.5 MHz; σ = 0.911 S/m; ε_r = 40.1; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 821.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch26765/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.69 W/kg

Ch26765/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.92 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.330 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 40.7%
Maximum value of SAR (measured) = 1.33 W/kg



Test Laboratory:BACL.SAR TestingLab

125_LTE FDD Band 26_15M_QPSK_1RB_0Offset_Body Top(0mm)_Ch26865

DUT: F20

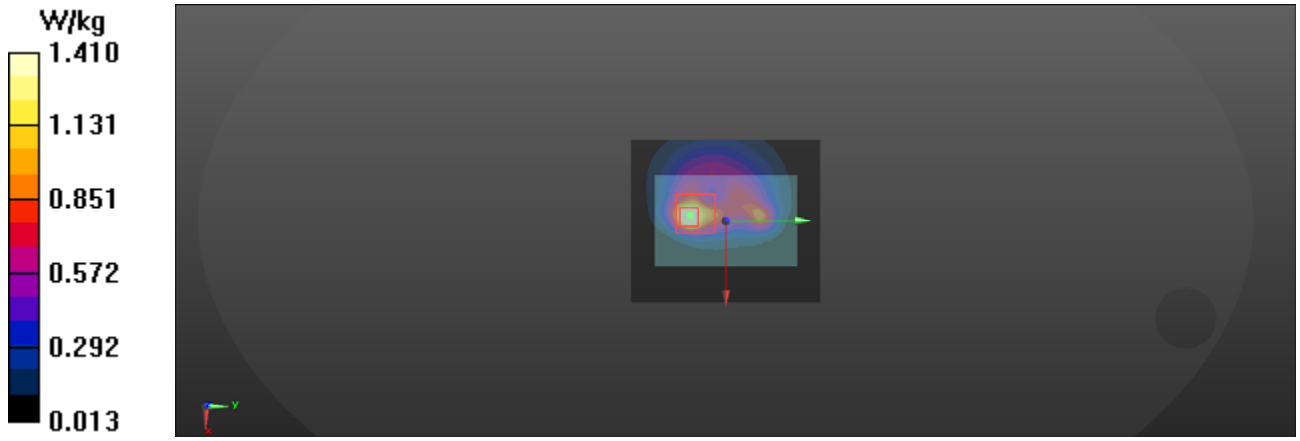
Communication System: UID 0, LTE (0); Frequency: 831 MHz;Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 831 MHz; σ = 0.915 S/m; ε_r = 40.103; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 831 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch26865/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.83 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.75 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.359 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 41.1%
Maximum value of SAR (measured) = 1.41 W/kg



Test Laboratory:BACL.SAR TestingLab

125-3_LTE FDD Band 26 & 5_15M_QPSK_1RB_0Offset_Body Top(0mm)_Ch26965

DUT: F20

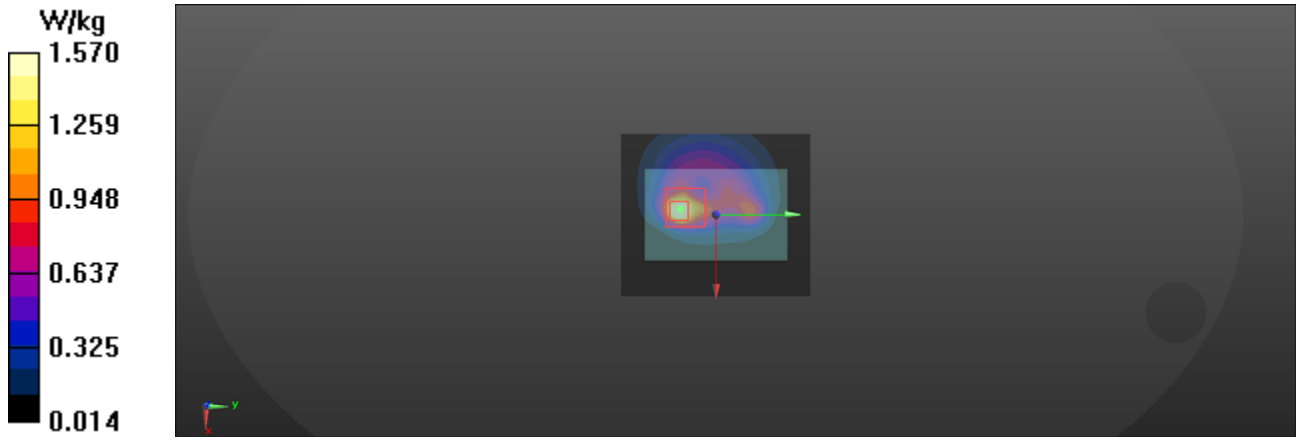
Communication System: UID 0, LTE (0); Frequency: 841.5 MHz;Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: f = 841.5 MHz; σ = 0.918 S/m; ε_r = 40.058; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 841.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch26965/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.91 W/kg

Ch26965/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.44 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.33 W/kg
SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.396 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 40.2%
Maximum value of SAR (measured) = 1.57 W/kg



Test Laboratory:BACL.SAR TestingLab

125-4_LTE FDD Band 26 & 5_15M_QPSK_50%RB_0Offset_Body Top(0mm)_Ch26965

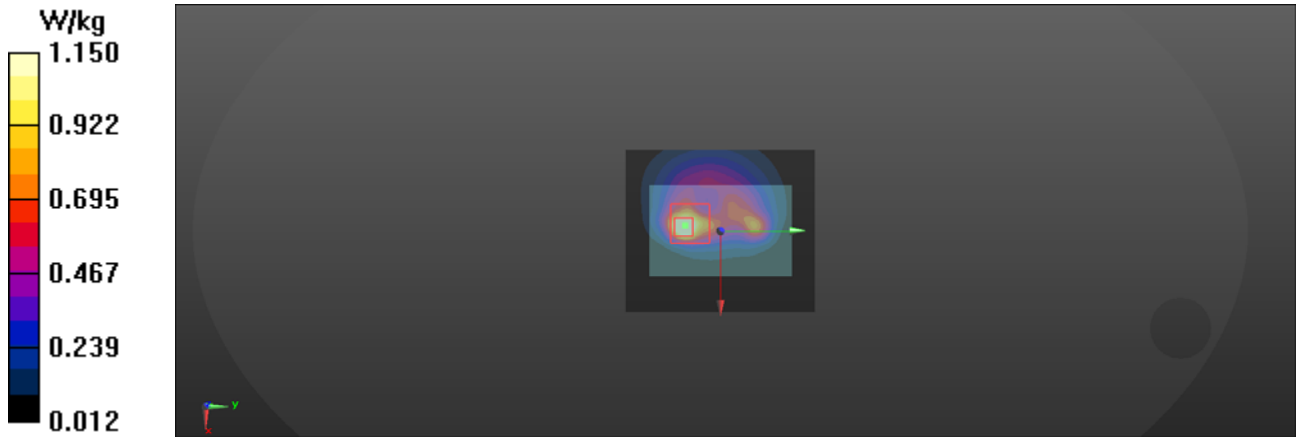
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 841.5 MHz;Duty Cycle: 1:1
Medium: HSL835 Medium parameters used (interpolated): f = 841.5 MHz; σ = 0.918 S/m; ε_r = 40.058; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 841.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch26965 50%RB/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.57 W/kg

Ch26965 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.90 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.293 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 40.4%
Maximum value of SAR (measured) = 1.15 W/kg



Test Laboratory:BACL.SAR TestingLab

125-5_LTE FDD Band 26 & 5_15M_QPSK_1RB_0Offset_Body Top(0mm)_Ch26965

DUT: F20

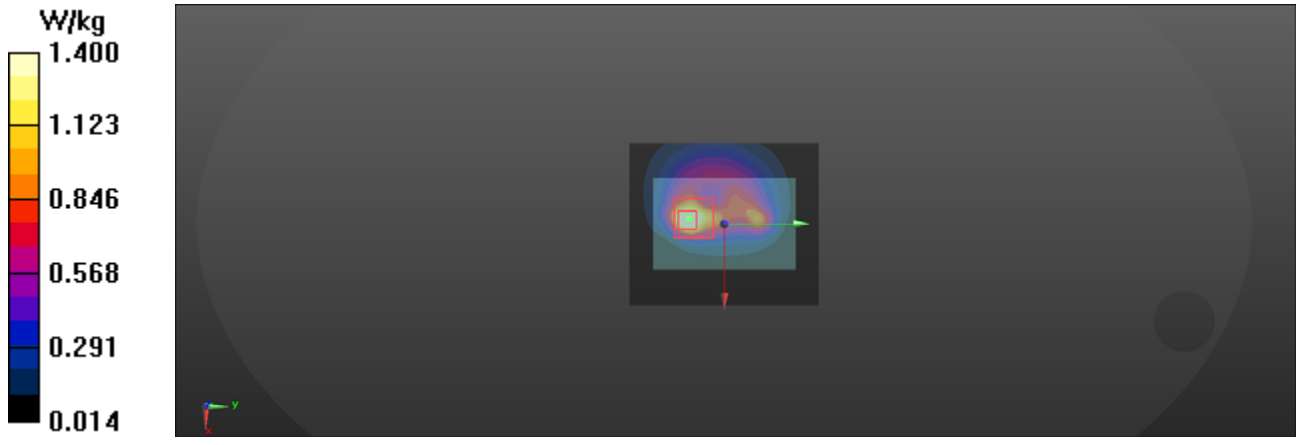
Communication System: UID 0, LTE (0); Frequency: 841.5 MHz;Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: f = 841.5 MHz; σ = 0.918 S/m; ε_r = 40.058; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 841.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch26965 Retest/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.00 W/kg

Ch26965 Retest/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.39 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 0.815 W/kg; SAR(10 g) = 0.387 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 41.4%
Maximum value of SAR (measured) = 1.40 W/kg



Test Laboratory:BACL.SAR TestingLab

125-13_LTE FDD Band 26_15M_QPSK_1RB_0Offset_Body Top(0mm)_Ch26965

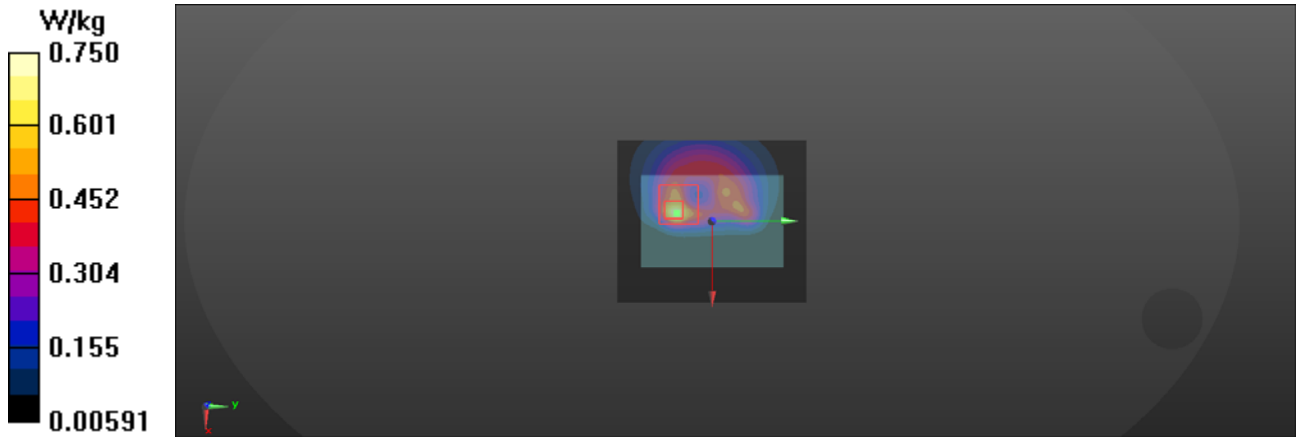
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 841.5 MHz;Duty Cycle: 1:1
Medium: HSL835 Medium parameters used (interpolated): f = 841.5 MHz; σ = 0.918 S/m; ε_r = 40.058; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 841.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch26965 Type2/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.725 W/kg

Ch26965 Type2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.79 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.183 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 39.5%
Maximum value of SAR (measured) = 0.750 W/kg



Test Laboratory:BACL.SAR TestingLab

51_LTE FDD Band 66 & Band 4_20M_QPSK_1RB_0Offset_Body Front(0mm) _Ch132322

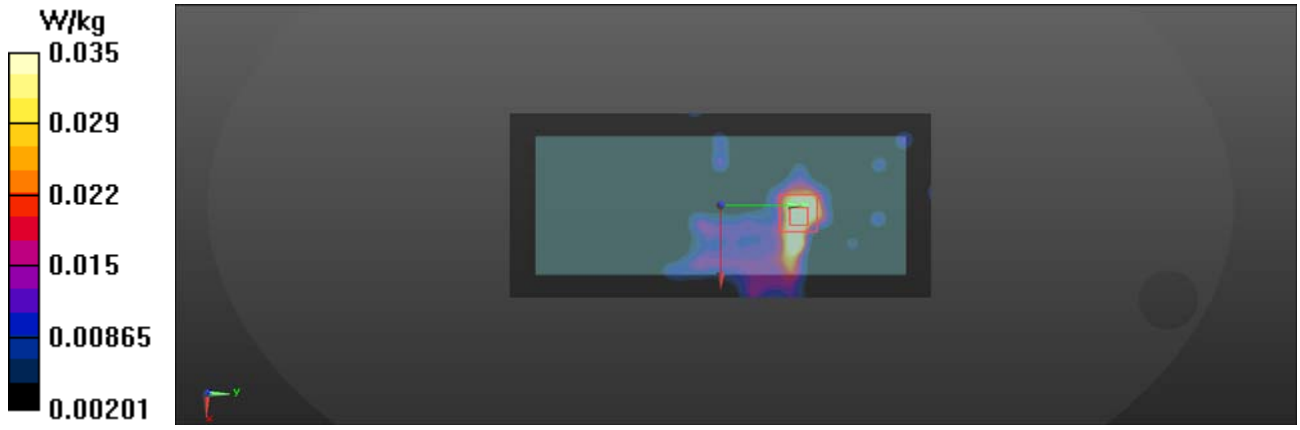
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.344 S/m; ε_r = 40.77; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0554 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.679 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.100 W/kg
SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.00826 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 58.9%
Maximum value of SAR (measured) = 0.0352 W/kg



Test Laboratory:BACL.SAR TestingLab

51-2_LTE FDD Band 66 & Band 4_20M_QPSK_50%RB_0Offset_Body Front(0mm) _Ch132322

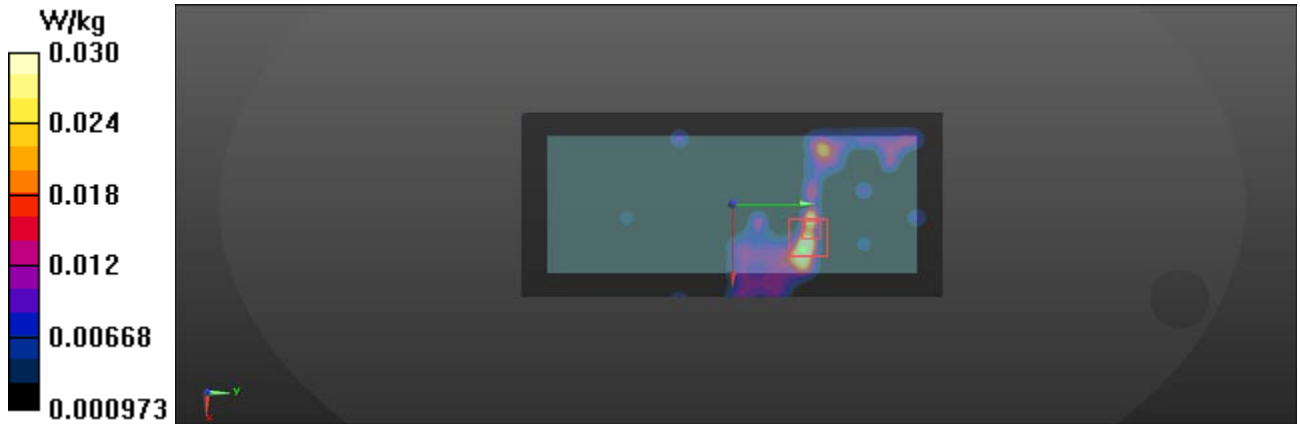
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.344 S/m; ε_r = 40.77; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322 50%RB/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0387 W/kg

Ch132322 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.846 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0810 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.00664 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 56.8%
Maximum value of SAR (measured) = 0.0295 W/kg



Test Laboratory:BACL.SAR TestingLab

52_LTE FDD Band 66 & Band 4_20M_QPSK_1RB_0Offset_Body Back(0mm) _Ch132322

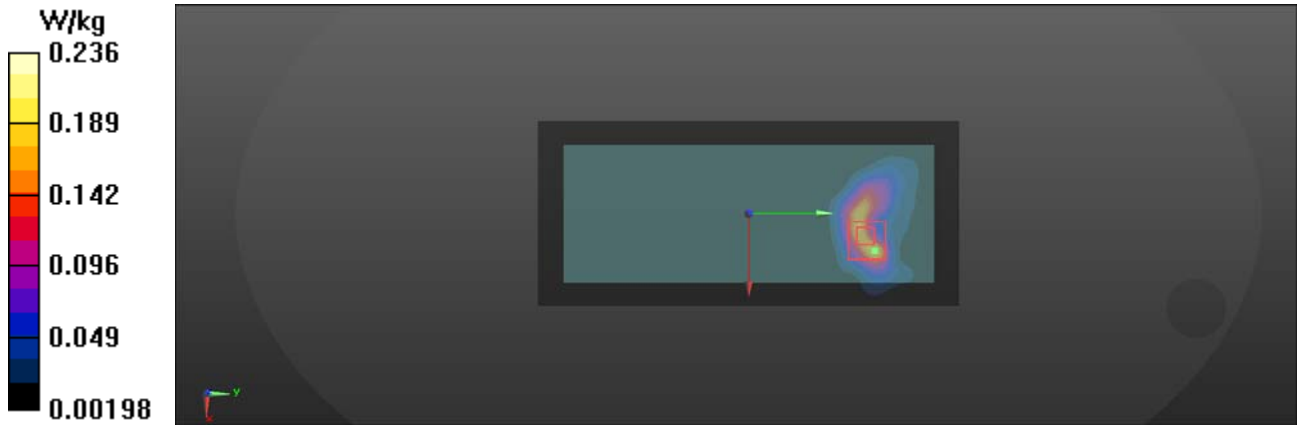
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.344 S/m; ε_r = 40.77; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.185 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.93 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.063 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 39.2%
Maximum value of SAR (measured) = 0.236 W/kg



Test Laboratory:BACL.SAR TestingLab

52-2_LTE FDD Band 66 & Band 4_20M_QPSK_50%RB_0Offset_Body Back(0mm) _Ch132322

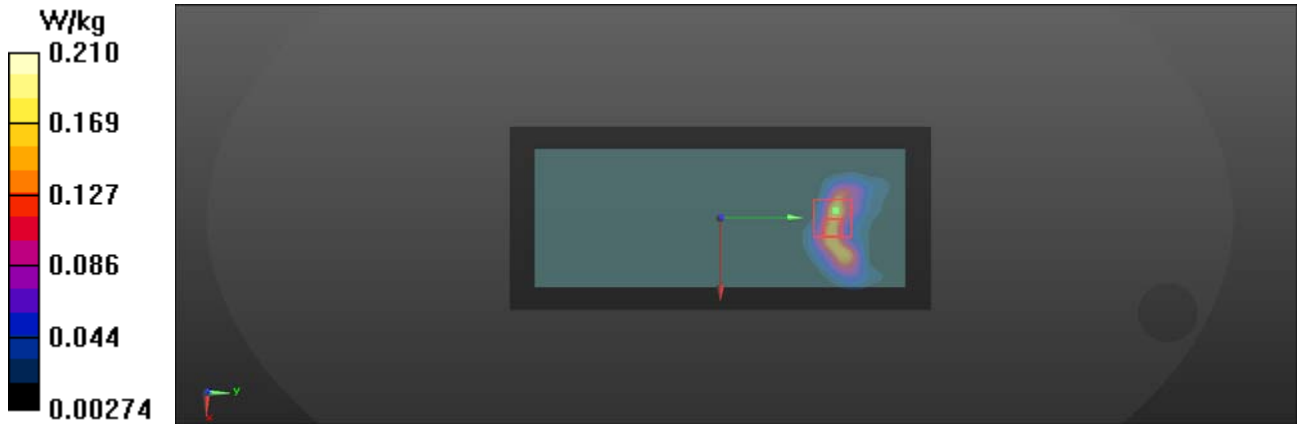
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.344 S/m; ε_r = 40.77; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322 50%RB/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.165 W/kg

Ch132322 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.683 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.044 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 38.9%
Maximum value of SAR (measured) = 0.210 W/kg



Test Laboratory:BACL.SAR TestingLab

52-3_LTE FDD Band 66 & Band 4_20M_QPSK_1RB_0Offset_Body Back(0mm) _Ch132322

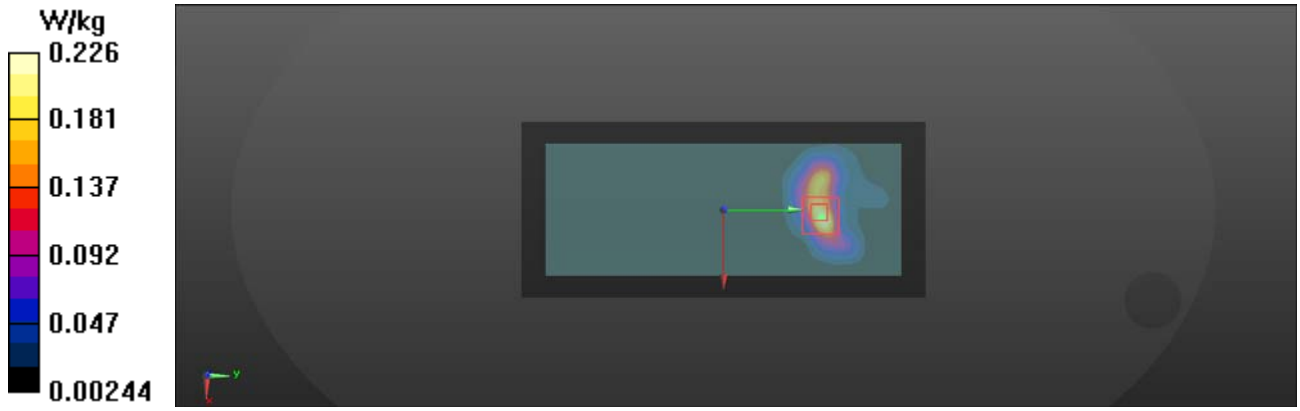
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.344 S/m; ε_r = 40.77; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322 Type2/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.232 W/kg

Ch132322 Type2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.54 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.063 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 45.8%
Maximum value of SAR (measured) = 0.226 W/kg



Test Laboratory:BACL.SAR TestingLab

53_LTE FDD Band 66 & Band 4_20M_QPSK_1RB_0Offset_Body Left(0mm) _Ch132322

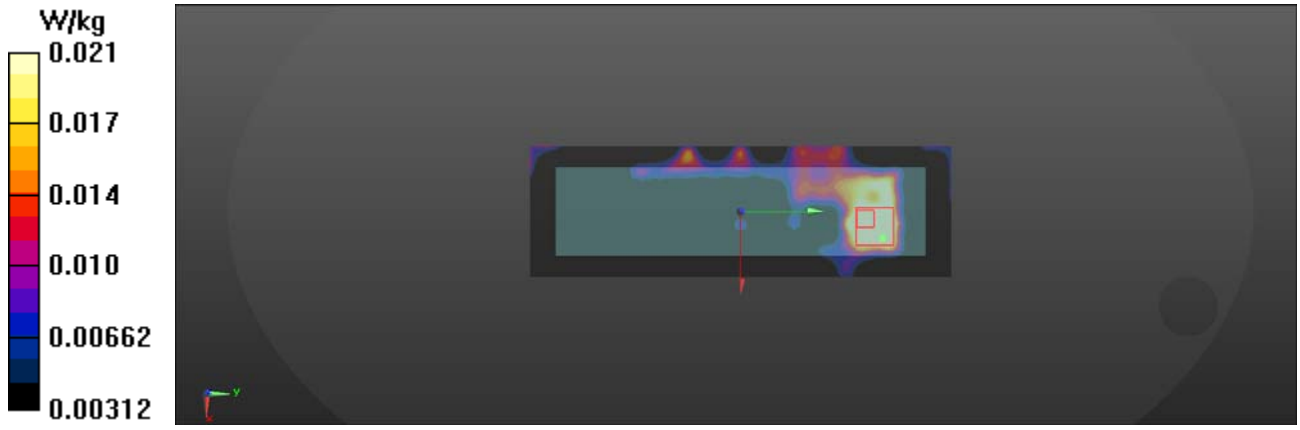
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.344 S/m; ε_r = 40.77; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322/Area Scan (51x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0331 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.049 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0210 W/kg
SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00565 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 23.2%
Maximum value of SAR (measured) = 0.0206 W/kg



Test Laboratory:BACL.SAR TestingLab

53-2_LTE FDD Band 66 & Band 4_20M_QPSK_50%RB_0Offset_Body Left(0mm) _Ch132322

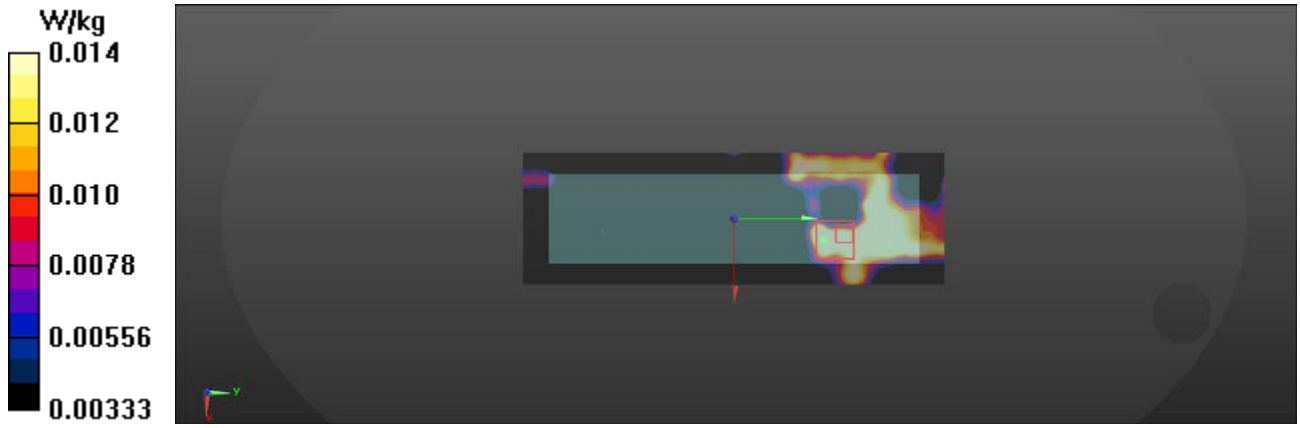
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.344 S/m; ε_r = 40.77; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322 50%RB/Area Scan (51x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0252 W/kg

Ch132322 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.048 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0150 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00541 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 74.2%
Maximum value of SAR (measured) = 0.0145 W/kg



Test Laboratory:BACL.SAR TestingLab

54_LTE FDD Band 66 & Band 4_20M_QPSK_1RB_0Offset_Body Right(0mm) _Ch132322

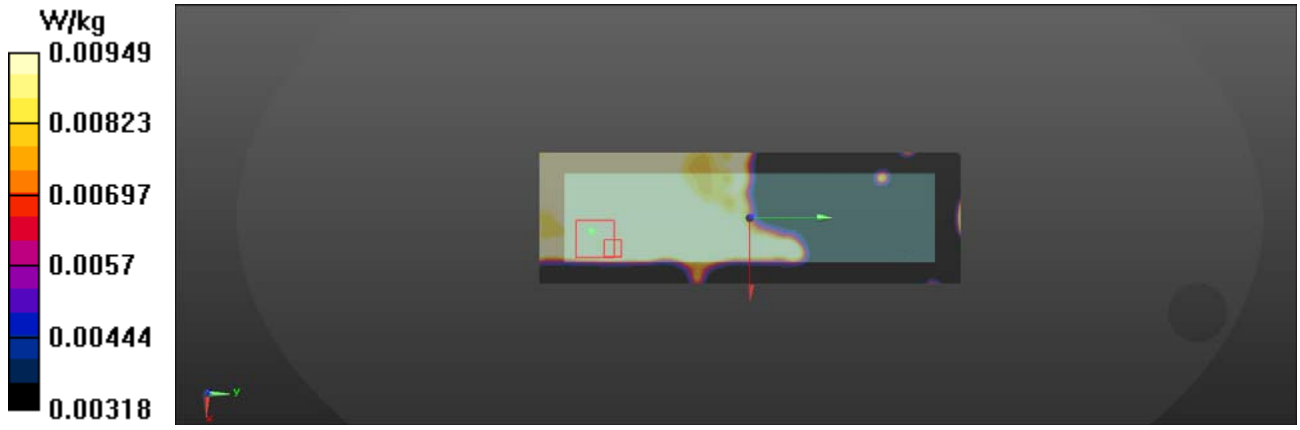
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.344 S/m; ε_r = 40.77; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322/Area Scan (51x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0709 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.540 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0190 W/kg
SAR(1 g) = 0.00734 W/kg; SAR(10 g) = 0.00297 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 78%
Maximum value of SAR (measured) = 0.00949 W/kg



Test Laboratory:BACL.SAR TestingLab

54-2_LTE FDD Band 66 & Band 4_20M_QPSK_50%RB_0Offset_Body Right(0mm) _Ch132322

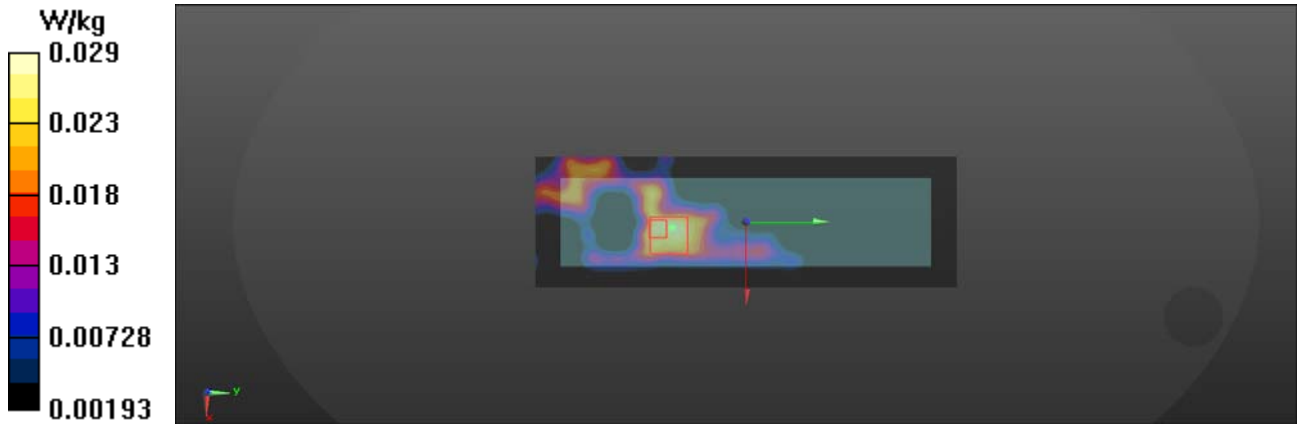
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.344 S/m; ε_r = 40.77; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322 50%RB/Area Scan (51x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0273 W/kg

Ch132322 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.087 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.0510 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00639 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 52.6%
Maximum value of SAR (measured) = 0.0287 W/kg



Test Laboratory:BACL.SAR TestingLab

55_LTE FDD Band 66 & Band 4_20M_QPSK_1RB_0Offset_Body Top(0mm) _Ch132322

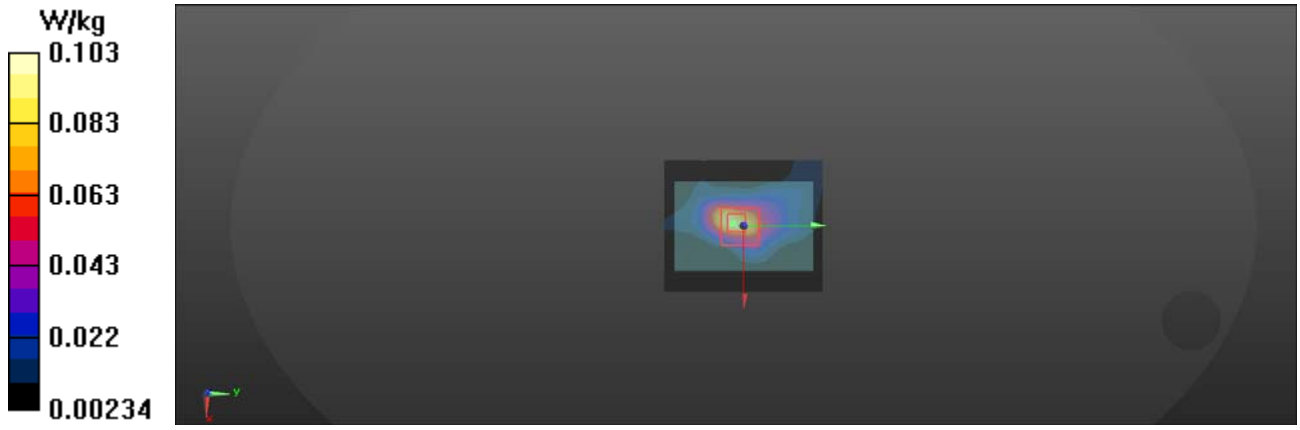
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.344 S/m; ε_r = 40.77; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322/Area Scan (51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.101 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.135 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.132 W/kg
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.028 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 45.9%
Maximum value of SAR (measured) = 0.103 W/kg



Test Laboratory:BACL.SAR TestingLab

55-2_LTE FDD Band 66 & Band 4_20M_QPSK_50%RB_0Offset_Body Top(0mm) _Ch132322

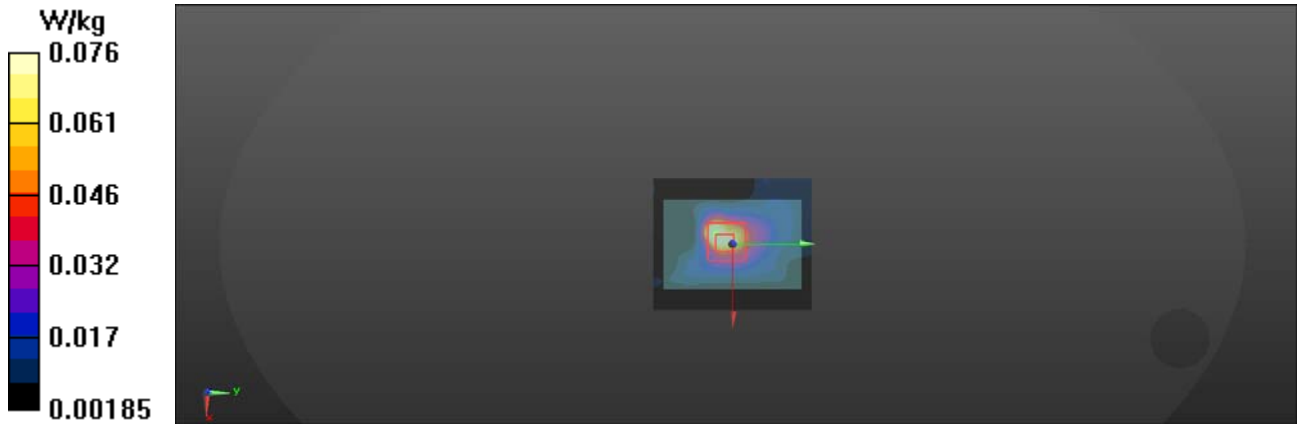
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.344 S/m; ε_r = 40.77; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322 50%RB/Area Scan (51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0921 W/kg

Ch132322 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.956 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.120 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.022 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 50.8%
Maximum value of SAR (measured) = 0.0760 W/kg



Test Laboratory:BACL.SAR TestingLab

36_LTE FDD Band 41_20M_QPSK_1RB_0Offset_Body Front(0mm)_Ch40640

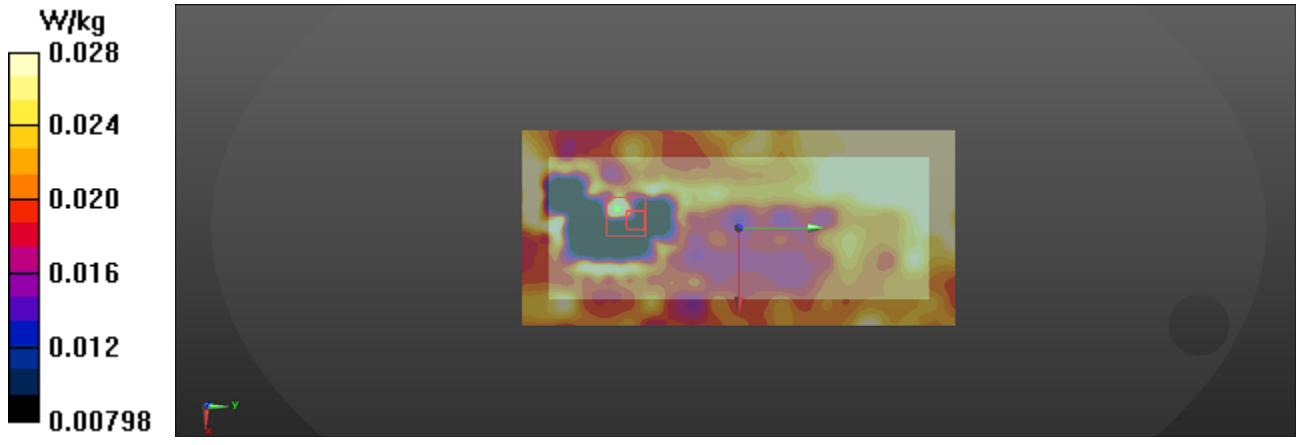
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.5787
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.945 S/m; ε_r = 39.381; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2595 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40640/Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0453 W/kg

Ch40640/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.569 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0340 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.024 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 98.4%
Maximum value of SAR (measured) = 0.0282 W/kg



Test Laboratory:BACL.SAR TestingLab

36-2_LTE FDD Band 41_20M_QPSK_50%RB_0Offset_Body Front(0mm)_Ch40640

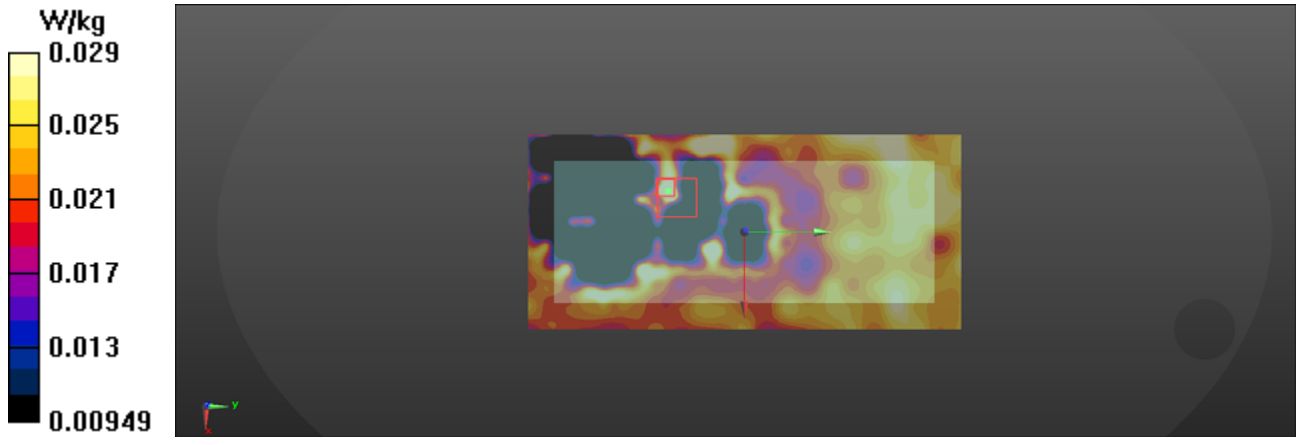
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.5787
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.945 S/m; ε_r = 39.381; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2595 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40640 50%RB/Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0453 W/kg

Ch40640 50%RB/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.608 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0330 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.023 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 99%
Maximum value of SAR (measured) = 0.0288 W/kg



Test Laboratory:BACL.SAR TestingLab

37_LTE FDD Band 41_20M_QPSK_1RB_0Offset_Body Back(0mm)_Ch40640

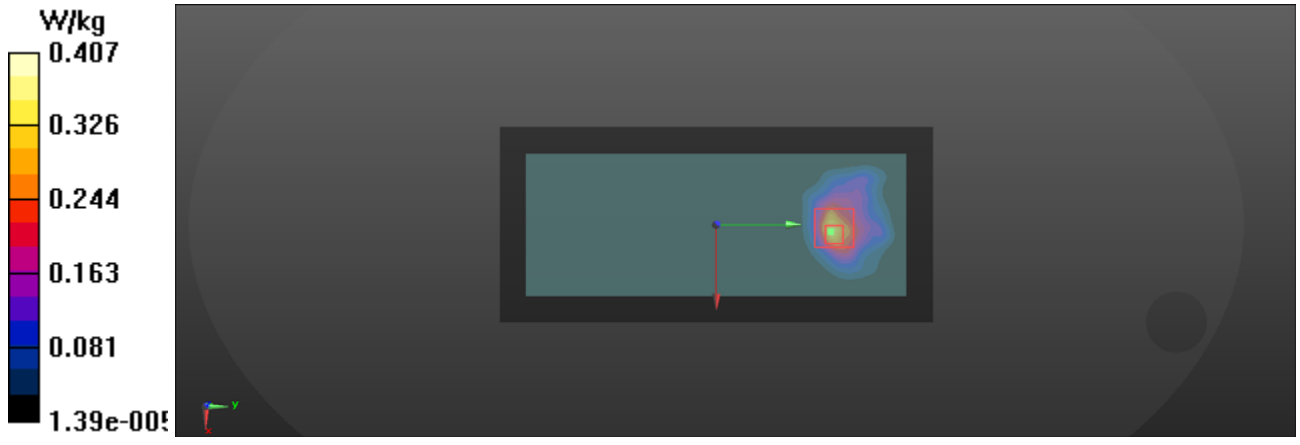
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.5787
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.945 S/m; ε_r = 39.381; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2595 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40640/Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.346 W/kg

Ch40640/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.38 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.630 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.073 W/kg
Smallest distance from peaks to all points 3 dB below = 6.7 mm
Ratio of SAR at M2 to SAR at M1 = 32.5%
Maximum value of SAR (measured) = 0.407 W/kg



Test Laboratory:BACL.SAR TestingLab

37-2_LTE FDD Band 41_20M_QPSK_50%RB_0Offset_Body Back(0mm)_Ch40640

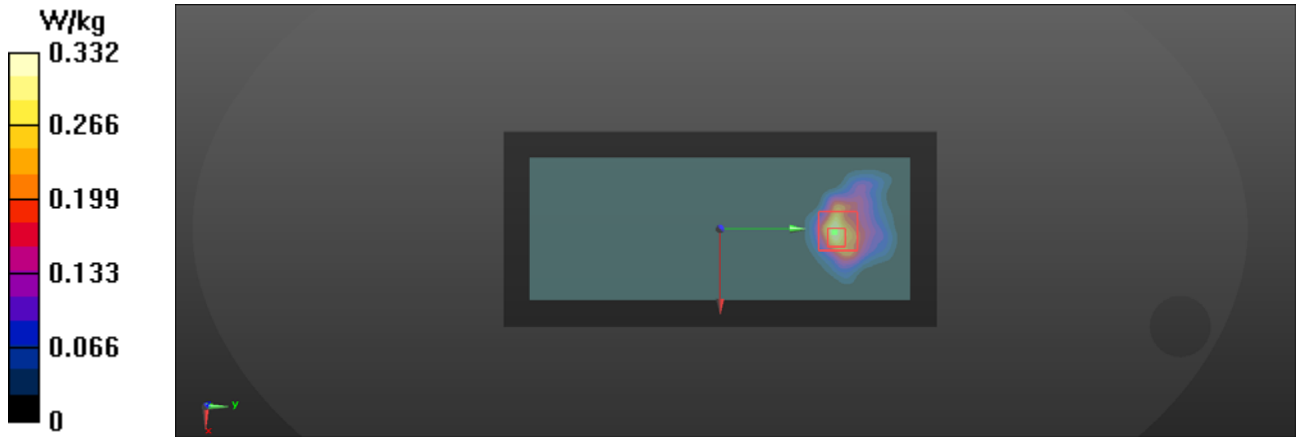
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.5787
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.945 S/m; ε_r = 39.381; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2595 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40640 50%RB/Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.316 W/kg

Ch40640 50%RB/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.39 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.505 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.060 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 27.4%
Maximum value of SAR (measured) = 0.332 W/kg



Test Laboratory:BACL.SAR TestingLab

37-3_LTE FDD Band 41_20M_QPSK_1RB_0Offset_Body Back(0mm)_Ch40640

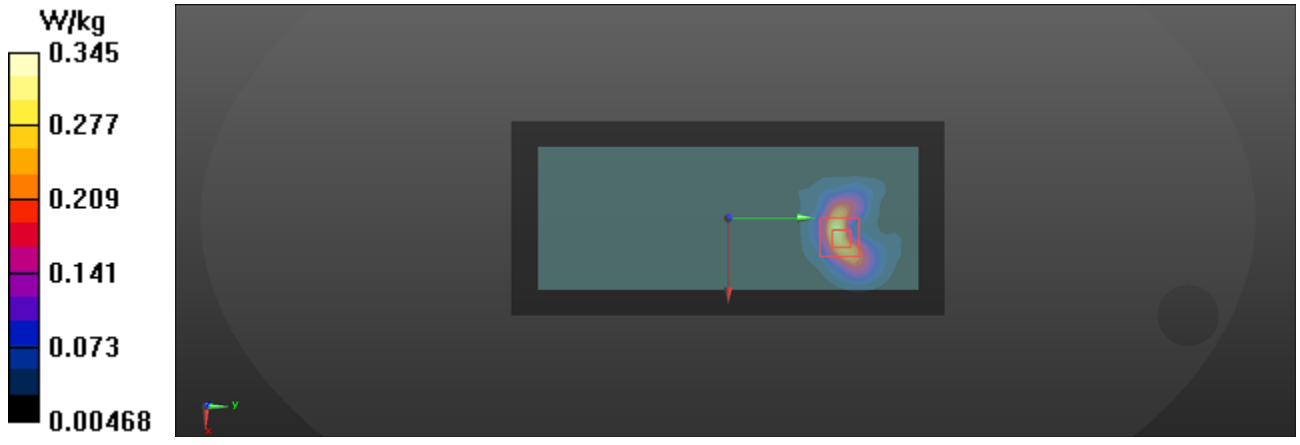
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.5787
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.945 S/m; ε_r = 39.381; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2595 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40640 Type2/Area Scan (91x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.333 W/kg

Ch40640 Type2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.44 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.083 W/kg
Smallest distance from peaks to all points 3 dB below = 6.3 mm
Ratio of SAR at M2 to SAR at M1 = 38.3%
Maximum value of SAR (measured) = 0.345 W/kg



Test Laboratory:BACL.SAR TestingLab

38_LTE FDD Band 41_20M_QPSK_1RB_0Offset_Body Left(0mm)_Ch40640

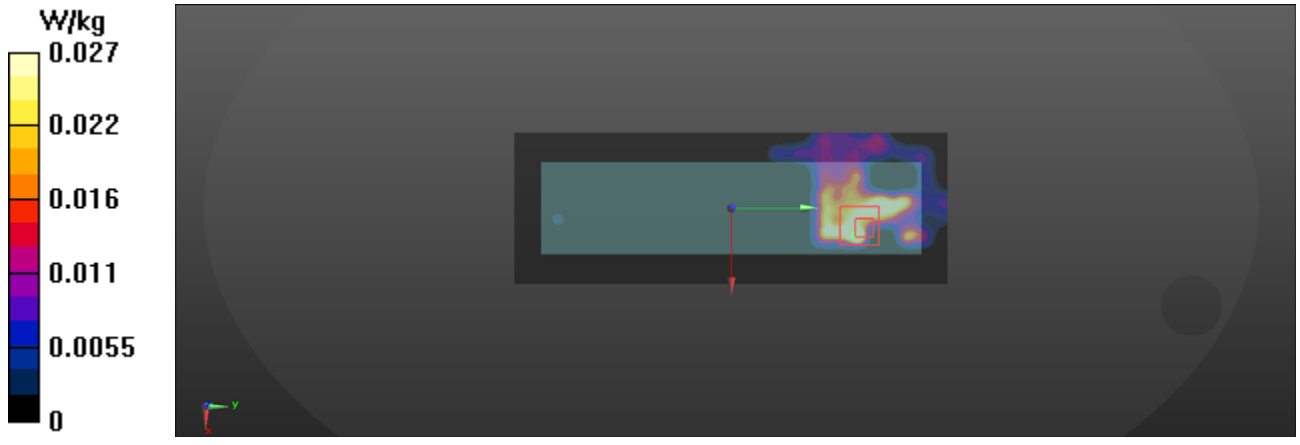
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.5787
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.945 S/m; ε_r = 39.381; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2595 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40640/Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0526 W/kg

Ch40640/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.8460 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.0370 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00542 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 41.2%
Maximum value of SAR (measured) = 0.0275 W/kg



Test Laboratory:BACL.SAR TestingLab

38-2_LTE FDD Band 41_20M_QPSK_50%RB_0Offset_Body Left(0mm)_Ch40640

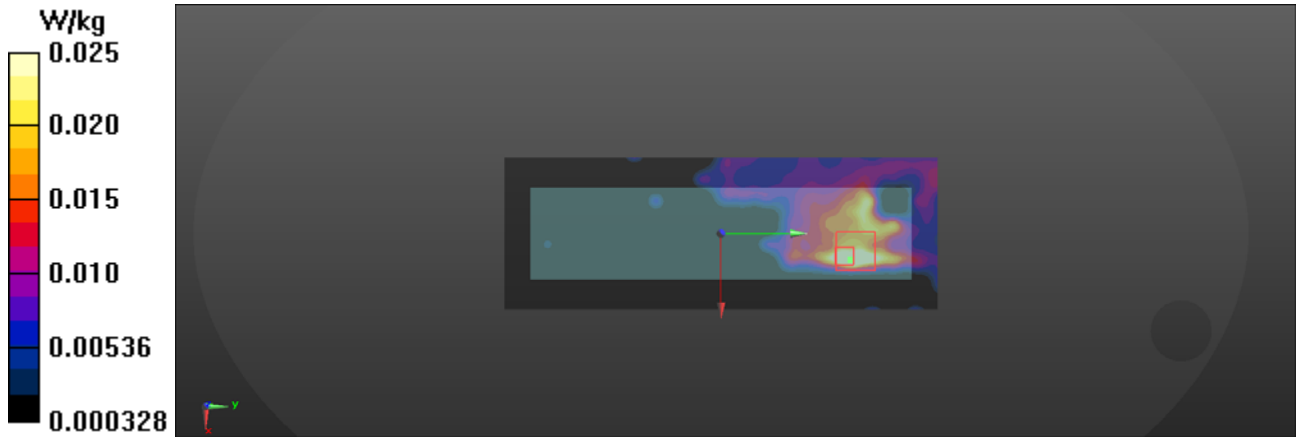
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.5787
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.945 S/m; ε_r = 39.381; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2595 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40640 50%RB/Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0452 W/kg

Ch40640 50%RB/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.108 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0810 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00579 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 41.1%
Maximum value of SAR (measured) = 0.0255 W/kg



Test Laboratory:BACL.SAR TestingLab

39_LTE FDD Band 41_20M_QPSK_1RB_0Offset_Body Right(0mm)_Ch40640

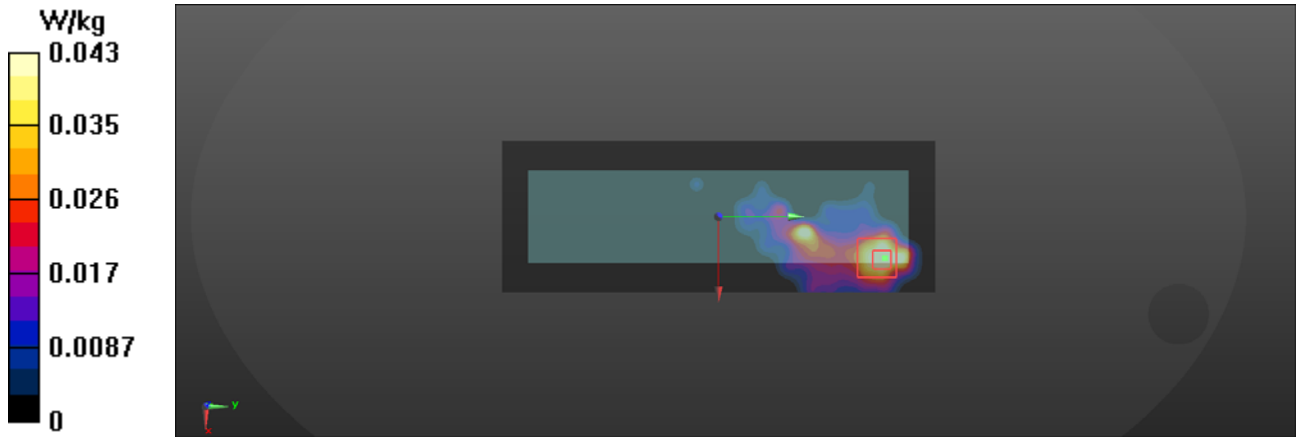
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.5787
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.945 S/m; ε_r = 39.381; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2595 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40640/Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0540 W/kg

Ch40640/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.307 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.126 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.011 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 53.7%
Maximum value of SAR (measured) = 0.0435 W/kg



Test Laboratory:BACL.SAR TestingLab

39-2_LTE FDD Band 41_20M_QPSK_50%RB_0Offset_Body Right(0mm)_Ch40640

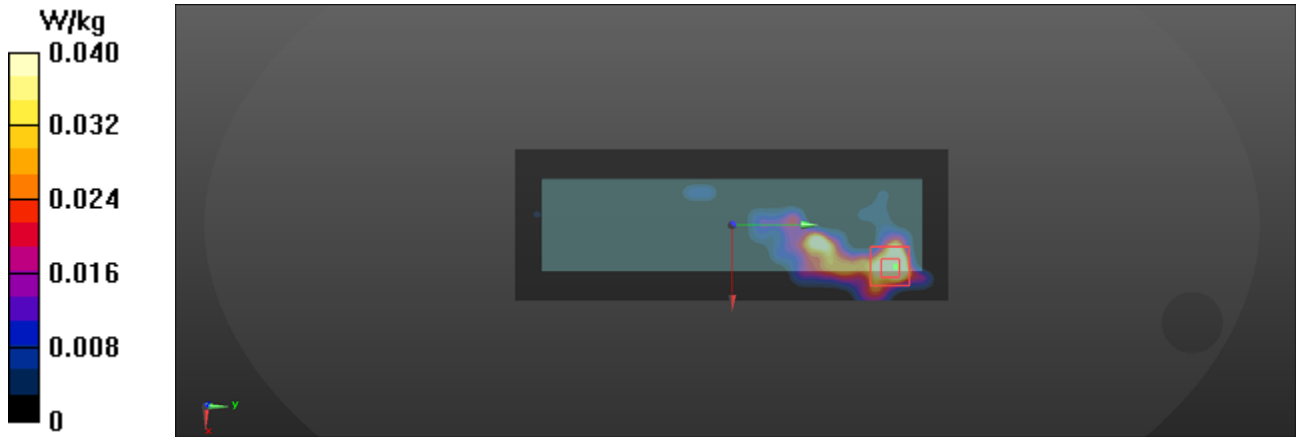
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.5787
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.945 S/m; ε_r = 39.381; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2595 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40640 50%RB/Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0734 W/kg

Ch40640 50%RB/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.165 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0730 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.010 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 47.7%
Maximum value of SAR (measured) = 0.0400 W/kg



Test Laboratory:BACL.SAR TestingLab

40_LTE FDD Band 41_20M_QPSK_1RB_0Offset_Body Top(0mm)_Ch40640

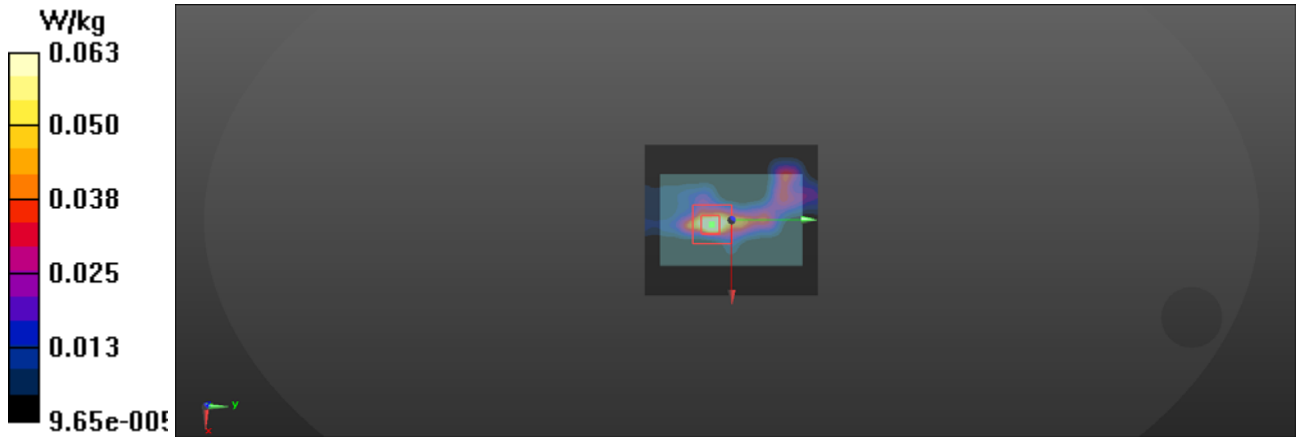
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.5787
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.945 S/m; ε_r = 39.381; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2595 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40640/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0846 W/kg

Ch40640/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.501 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0780 W/kg
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.013 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 44.7%
Maximum value of SAR (measured) = 0.0628 W/kg



Test Laboratory:BACL.SAR TestingLab

40-2_LTE FDD Band 41_20M_QPSK_50%RB_0Offset_Body Top(0mm)_Ch40640

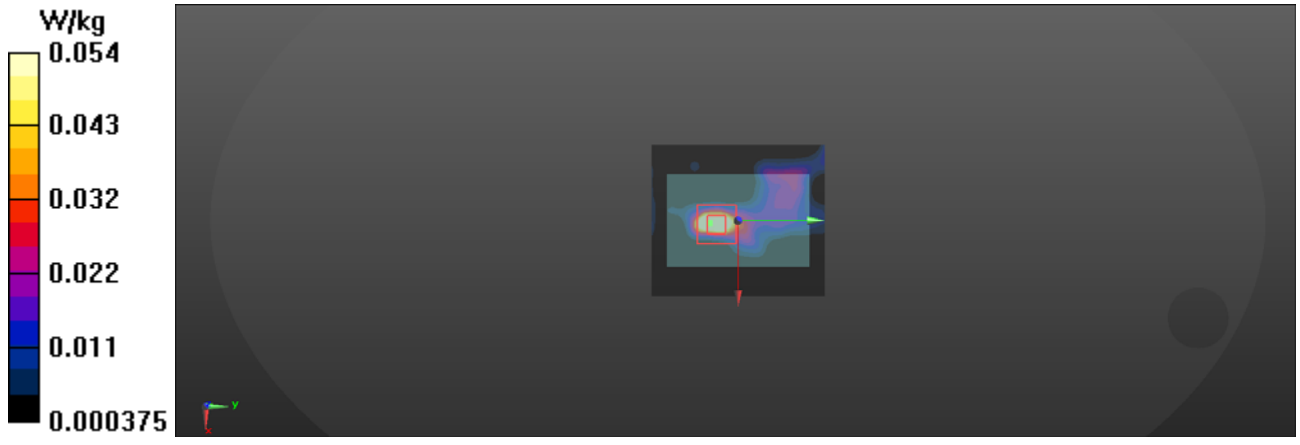
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.5787
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.945 S/m; ε_r = 39.381; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.43, 7.43, 7.43) @ 2595 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40640 50%RB/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.102 W/kg

Ch40640 50%RB/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.137 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0670 W/kg
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.012 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 48.1%
Maximum value of SAR (measured) = 0.0537 W/kg



Test Laboratory:BACL.SAR TestingLab

56_LTE FDD Band 71_20M_QPSK_1RB_0Offset_Body Front(0mm)_Ch133297

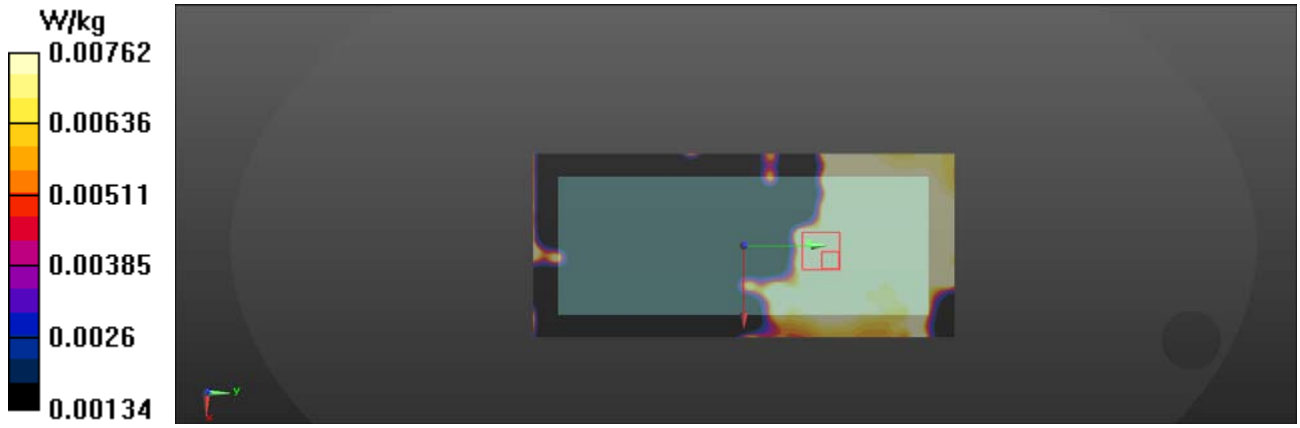
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL650 Medium parameters used : f = 680.5 MHz; σ = 0.891 S/m; ε_r = 43.255; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 680.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133297/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0157 W/kg

Ch133297/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.809 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0100 W/kg
SAR(1 g) = 0.00512 W/kg; SAR(10 g) = 0.00254 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 64.3%
Maximum value of SAR (measured) = 0.00762 W/kg



Test Laboratory:BACL.SAR TestingLab

56-2_LTE FDD Band 71_20M_QPSK_50%RB_0Offset_Body Front(0mm)_Ch133297

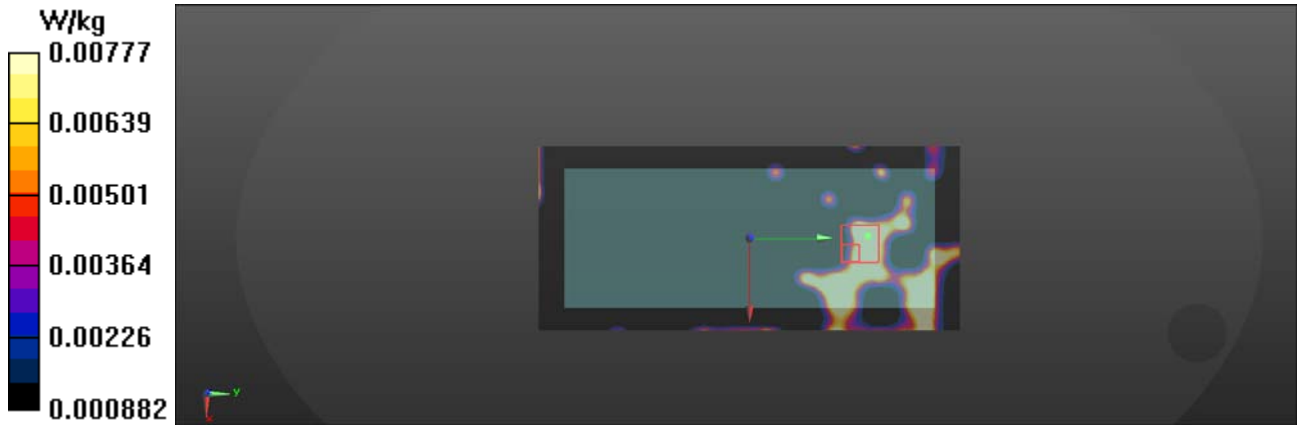
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL650 Medium parameters used : f = 680.5 MHz; σ = 0.891 S/m; ε_r = 43.255; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 680.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133297 50%RB/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0269 W/kg

Ch133297 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.058 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0110 W/kg
SAR(1 g) = 0.00312 W/kg; SAR(10 g) = 0.00135 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 75.6%
Maximum value of SAR (measured) = 0.00777 W/kg



Test Laboratory:BACL.SAR TestingLab

57_LTE FDD Band 71_20M_QPSK_1RB_0Offset_Body Back(0mm)_Ch133297

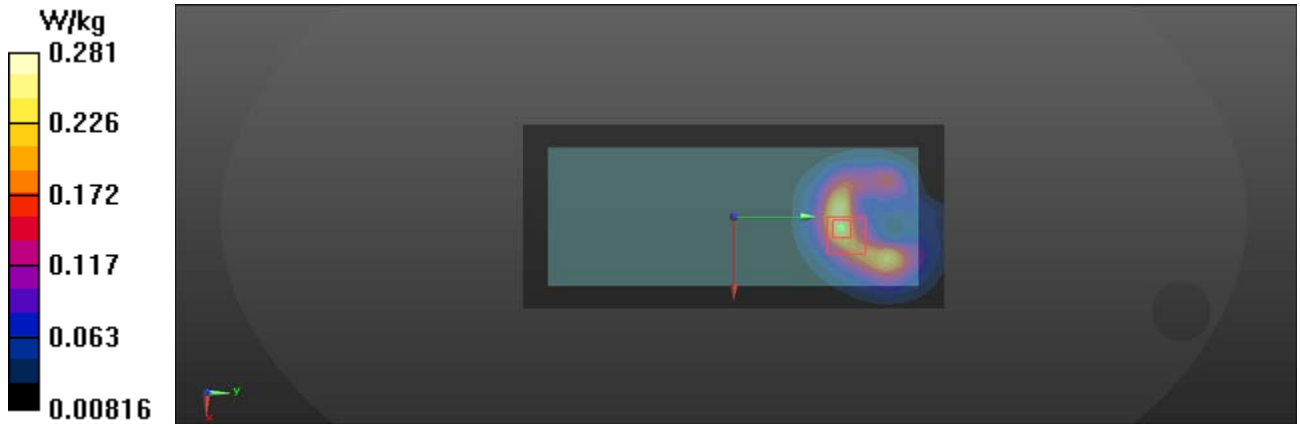
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL650 Medium parameters used : f = 680.5 MHz; σ = 0.891 S/m; ε_r = 43.255; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 680.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133297/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.262 W/kg

Ch133297/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.86 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.360 W/kg
SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.088 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 44.2%
Maximum value of SAR (measured) = 0.281 W/kg



Test Laboratory:BACL.SAR TestingLab

57-2_LTE FDD Band 71_20M_QPSK_50%RB_0Offset_Body Back(0mm)_Ch133297

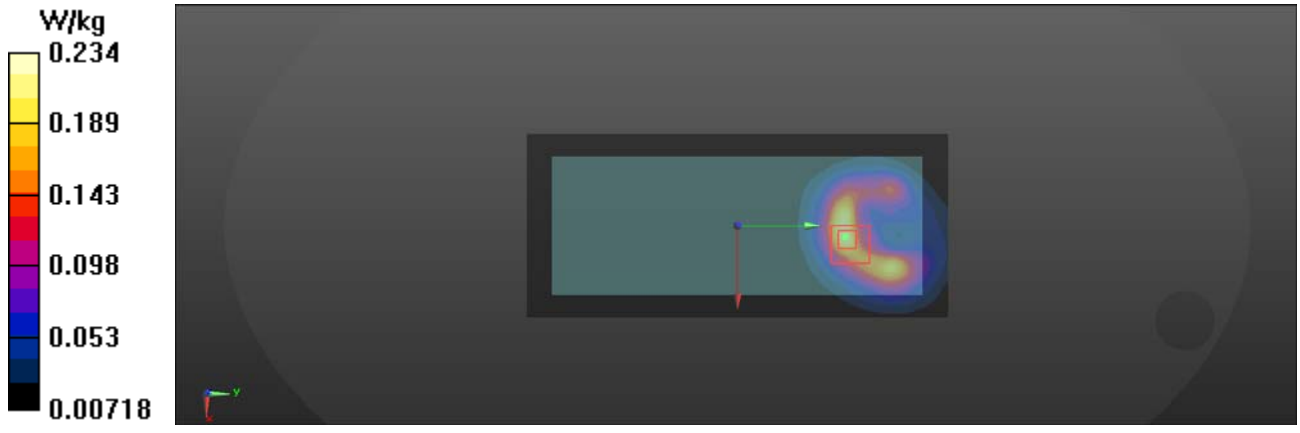
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL650 Medium parameters used : f = 680.5 MHz; σ = 0.891 S/m; ε_r = 43.255; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 680.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133297 50%RB/Area Scan (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.220 W/kg

Ch133297 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.72 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.299 W/kg
SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.074 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 44.4%
Maximum value of SAR (measured) = 0.234 W/kg



Test Laboratory:BACL.SAR TestingLab

58_LTE FDD Band 71_20M_QPSK_1RB_0Offset_Body Left(0mm)_Ch133297

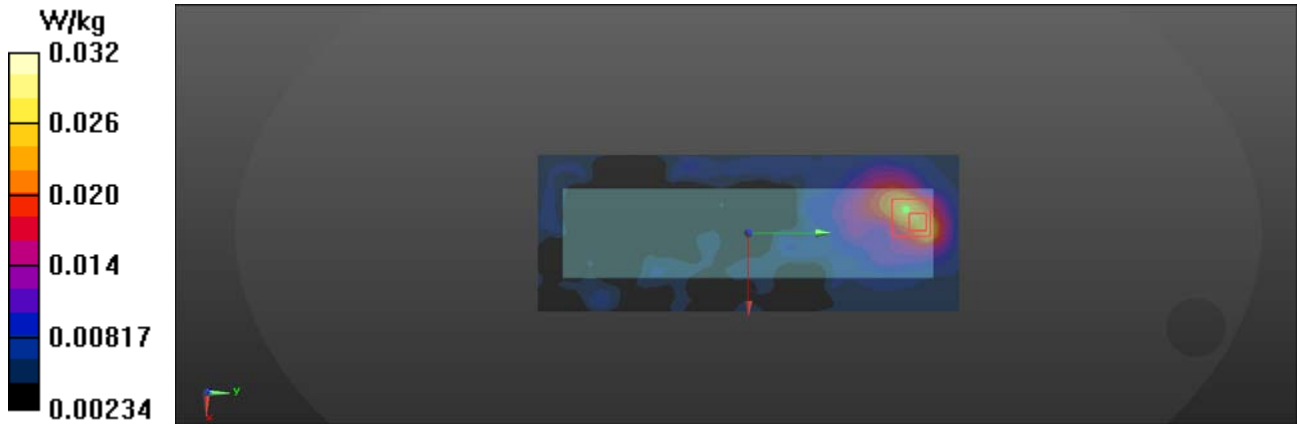
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL650 Medium parameters used : f = 680.5 MHz; σ = 0.891 S/m; ε_r = 43.255; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 680.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133297/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0266 W/kg

Ch133297/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.459 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.0440 W/kg
SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.011 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 42.2%
Maximum value of SAR (measured) = 0.0315 W/kg



Test Laboratory:BACL.SAR TestingLab

58-2_LTE FDD Band 71_20M_QPSK_50%RB_0Offset_Body Left(0mm)_Ch133297

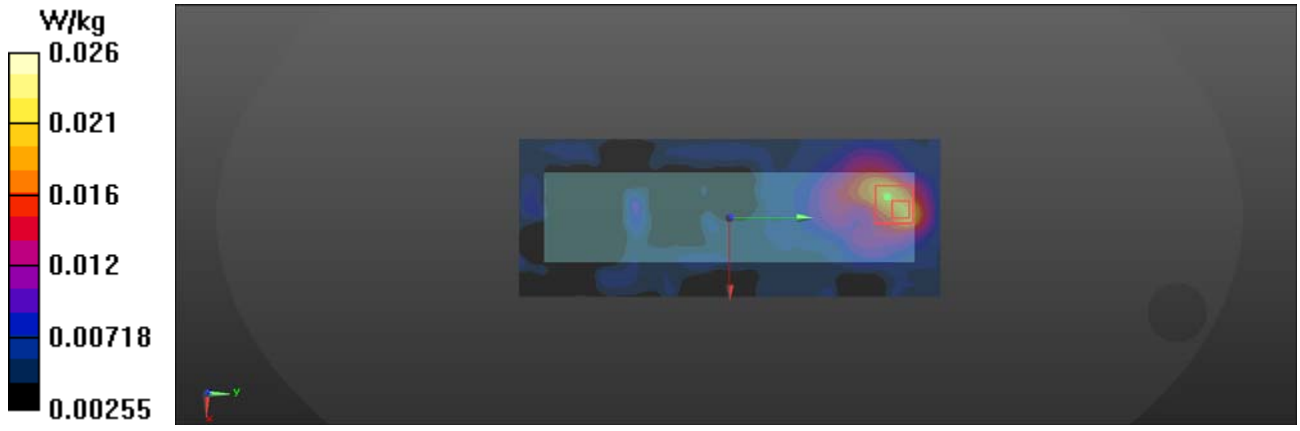
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL650 Medium parameters used : f = 680.5 MHz; σ = 0.891 S/m; ε_r = 43.255; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 680.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133297 50%RB/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0216 W/kg

Ch133297 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.027 V/m; Power Drift = -0.58 dB
Peak SAR (extrapolated) = 0.0350 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00861 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 43.6%
Maximum value of SAR (measured) = 0.0257 W/kg



Test Laboratory:BACL.SAR TestingLab

59_LTE FDD Band 71_20M_QPSK_1RB_0Offset_Body Right(0mm)_Ch133297

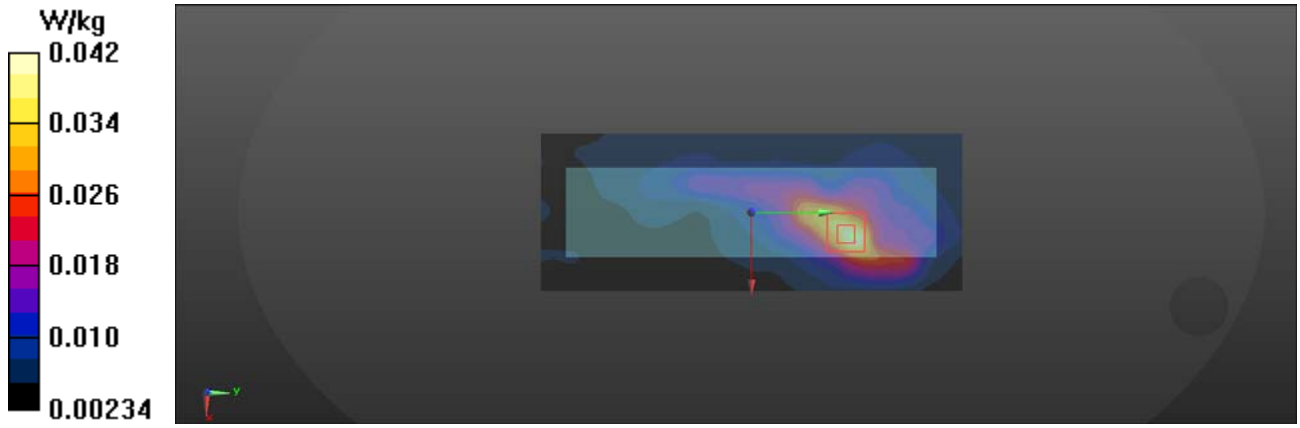
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL650 Medium parameters used : f = 680.5 MHz; σ = 0.891 S/m; ε_r = 43.255; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 680.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133297/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0427 W/kg

Ch133297/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.773 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0540 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.015 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 43.1%
Maximum value of SAR (measured) = 0.0423 W/kg



Test Laboratory:BACL.SAR TestingLab

59-2_LTE FDD Band 71_20M_QPSK_50%RB_0Offset_Body Right(0mm)_Ch133297

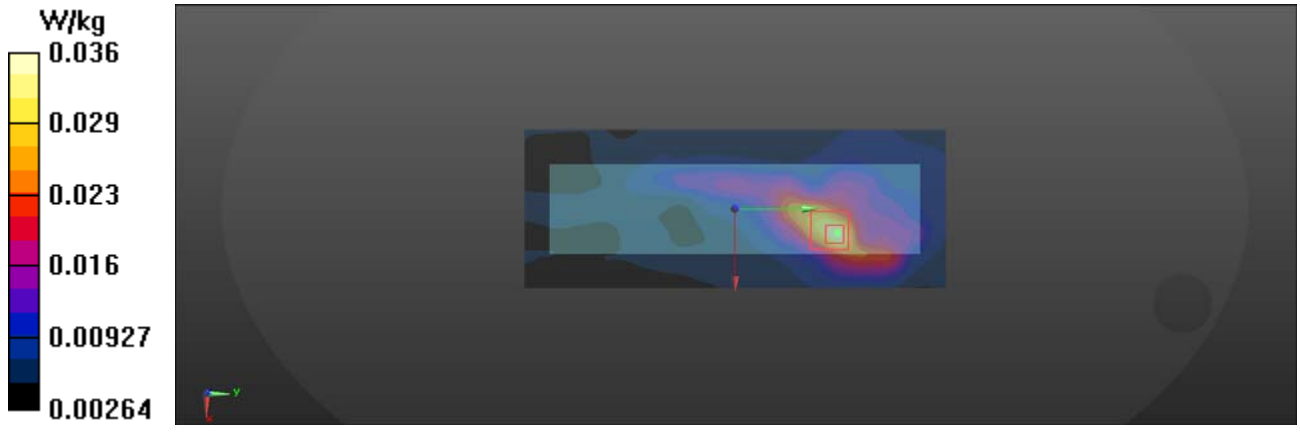
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL650 Medium parameters used : f = 680.5 MHz; σ = 0.891 S/m; ε_r = 43.255; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 680.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133297 50%RB/Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0354 W/kg

Ch133297 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.283 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0500 W/kg
SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.012 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 42.6%
Maximum value of SAR (measured) = 0.0358 W/kg



Test Laboratory:BACL.SAR TestingLab

60_LTE FDD Band 71_20M_QPSK_1RB_0Offset_Body Top(0mm)_Ch133297

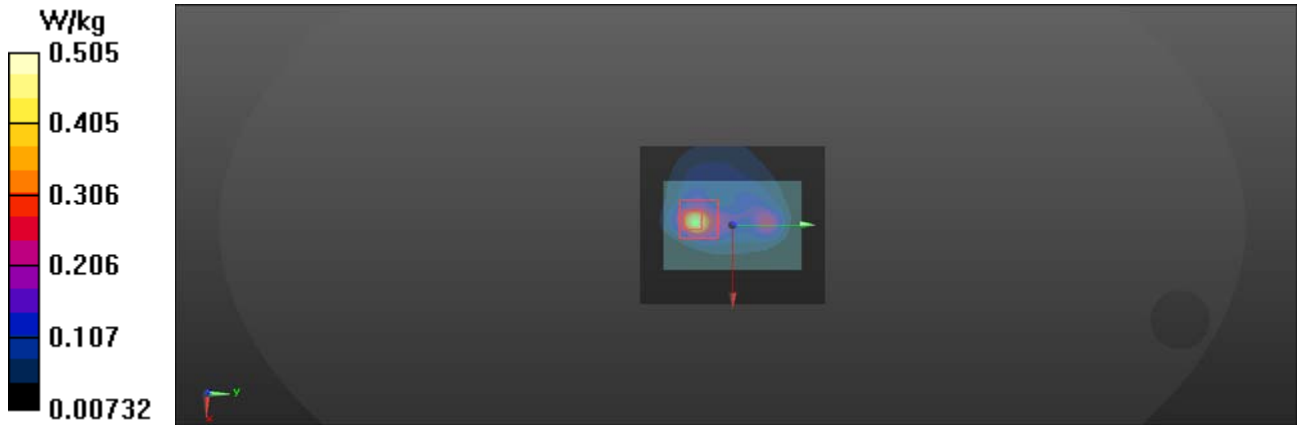
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL650 Medium parameters used : f = 680.5 MHz; σ = 0.891 S/m; ε_r = 43.255; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 680.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133297/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.535 W/kg

Configuration/Ch133297/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.28 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.877 W/kg
SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.106 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 34.2%
Maximum value of SAR (measured) = 0.505 W/kg



Test Laboratory:BACL.SAR TestingLab

60-2_LTE FDD Band 71_20M_QPSK_50%RB_0Offset_Body Top(0mm)_Ch133297

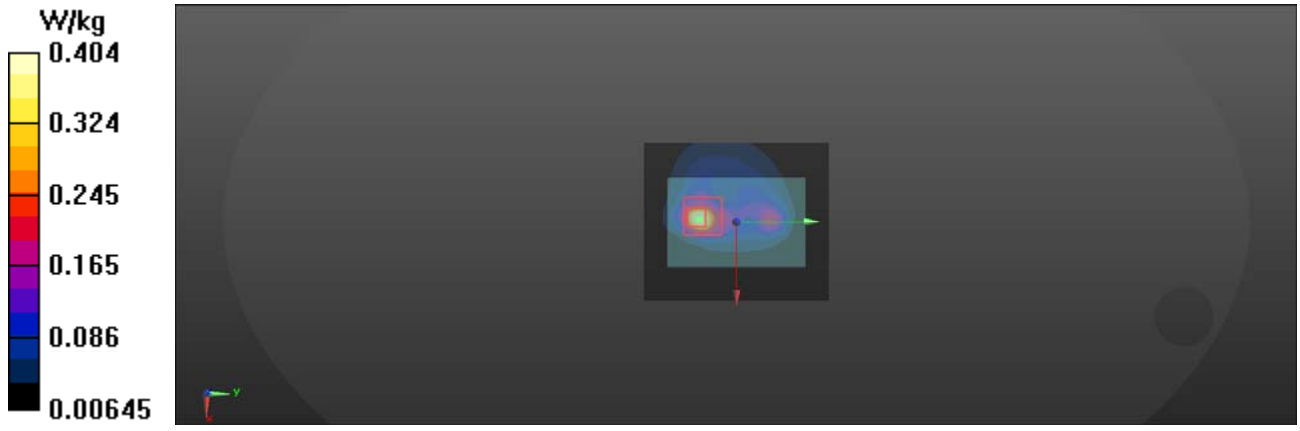
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL650 Medium parameters used : f = 680.5 MHz; σ = 0.891 S/m; ε_r = 43.255; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 680.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133297 50%RB/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.456 W/kg

Ch133297 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.57 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.695 W/kg
SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.085 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 34.7%
Maximum value of SAR (measured) = 0.404 W/kg



Test Laboratory:BACL.SAR TestingLab

60-3_LTE FDD Band 71_20M_QPSK_1RB_0Offset_Body Top(0mm)_Ch133297

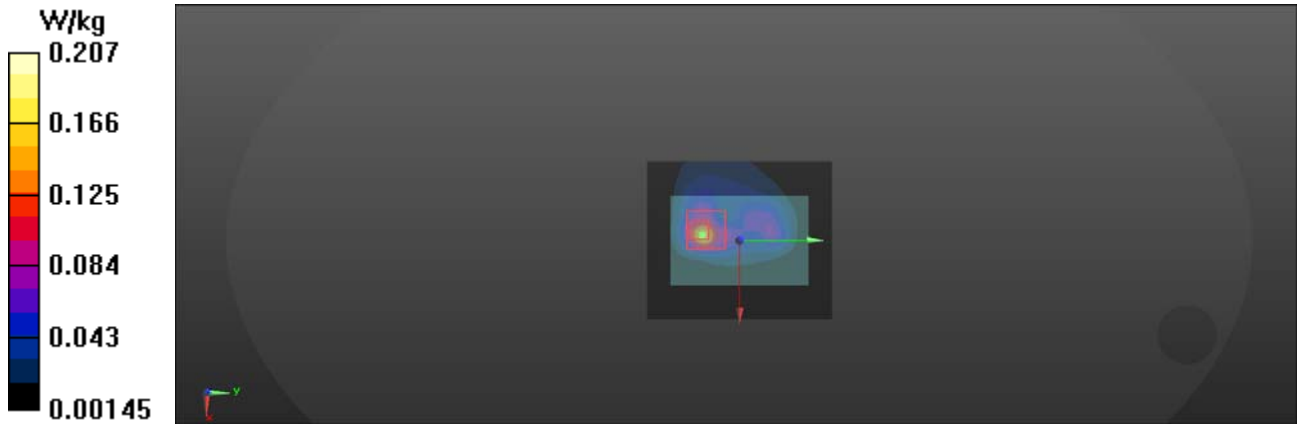
DUT: F20

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL650 Medium parameters used (interpolated): f = 680.5 MHz; σ = 0.891 S/m; ε_r = 43.255; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(9.81, 9.81, 9.81) @ 680.5 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133297 Type2/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.173 W/kg

Ch133297 Type2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.078 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.357 W/kg
SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.042 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 32.8%
Maximum value of SAR (measured) = 0.207 W/kg



Test Laboratory:BACL.SAR TestingLab

27_WLAN2.4G_802.11b 1Mbps_Body Back(0mm)_Ch6

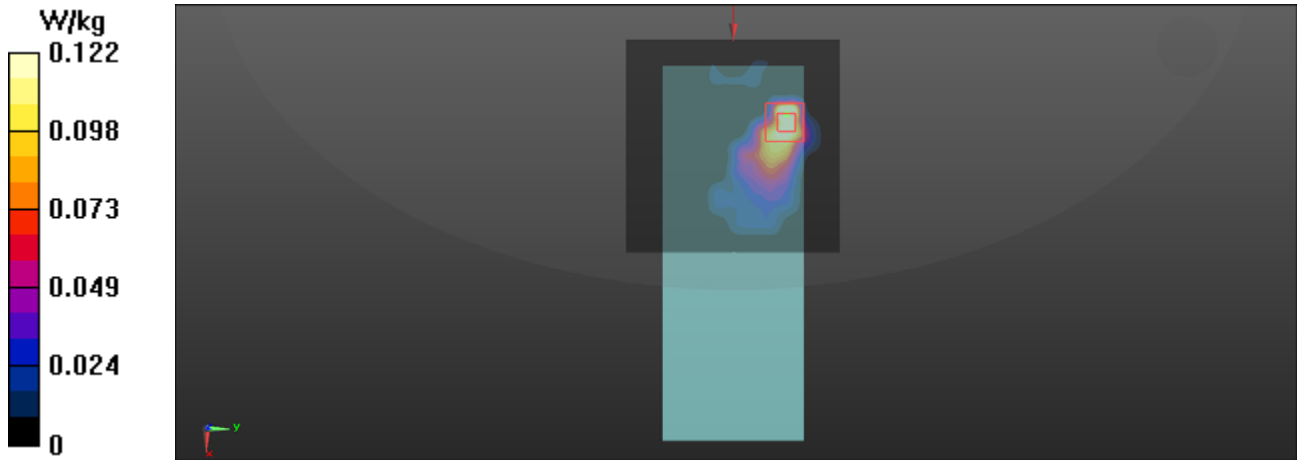
DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.807 S/m; ε_r = 39.645; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.57, 7.57, 7.57) @ 2437 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch6/Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.213 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.526 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.151 W/kg
SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.031 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 48.5%
Maximum value of SAR (measured) = 0.122 W/kg



Test Laboratory:BACL.SAR TestingLab

29_WLAN2.4G_802.11b 1Mbps_Body Right(0mm)_Ch6

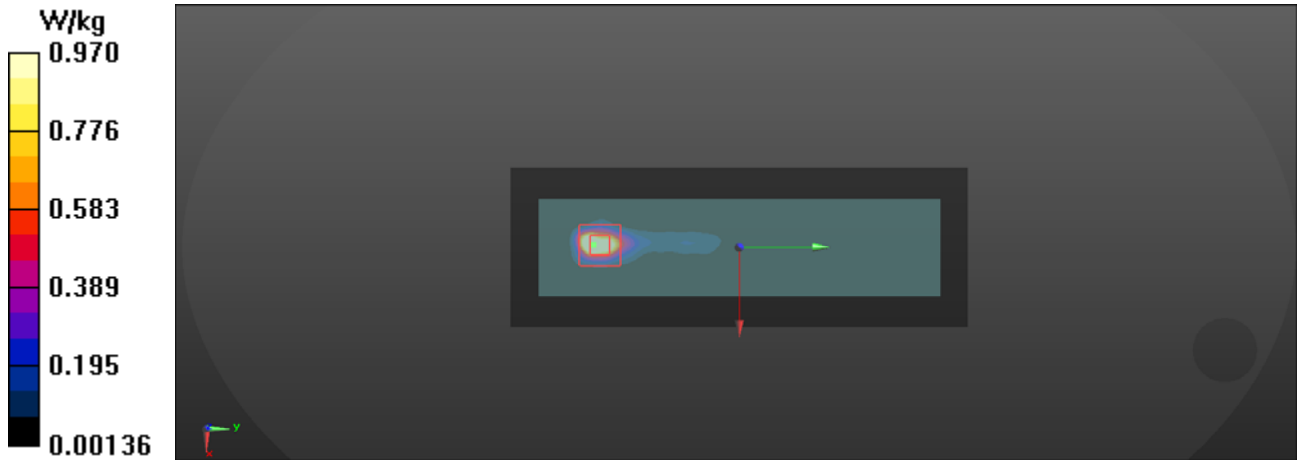
DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.807 S/m; ε_r = 39.645; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.57, 7.57, 7.57) @ 2437 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch6/Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.84 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.027 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.189 W/kg
Smallest distance from peaks to all points 3 dB below = 6.3 mm
Ratio of SAR at M2 to SAR at M1 = 42%
Maximum value of SAR (measured) = 0.970 W/kg



Test Laboratory:BACL.SAR TestingLab

29-2_WLAN2.4G_802.11b 1Mbps_Body Right(0mm)_Ch6

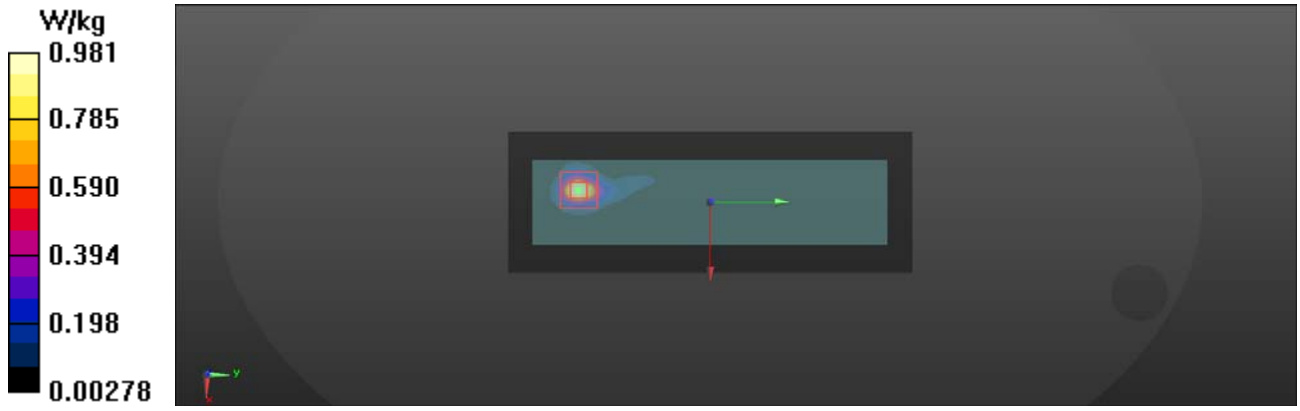
DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.807 S/m; ε_r = 39.645; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.57, 7.57, 7.57) @ 2437 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch6 Type2/Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Ch6 Type2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.00 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.188 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 40.1%
Maximum value of SAR (measured) = 0.981 W/kg



Test Laboratory:BACL.SAR TestingLab

32_WLAN2.4G_802.11n40 MCS0_Body Back(0mm)_Ch6

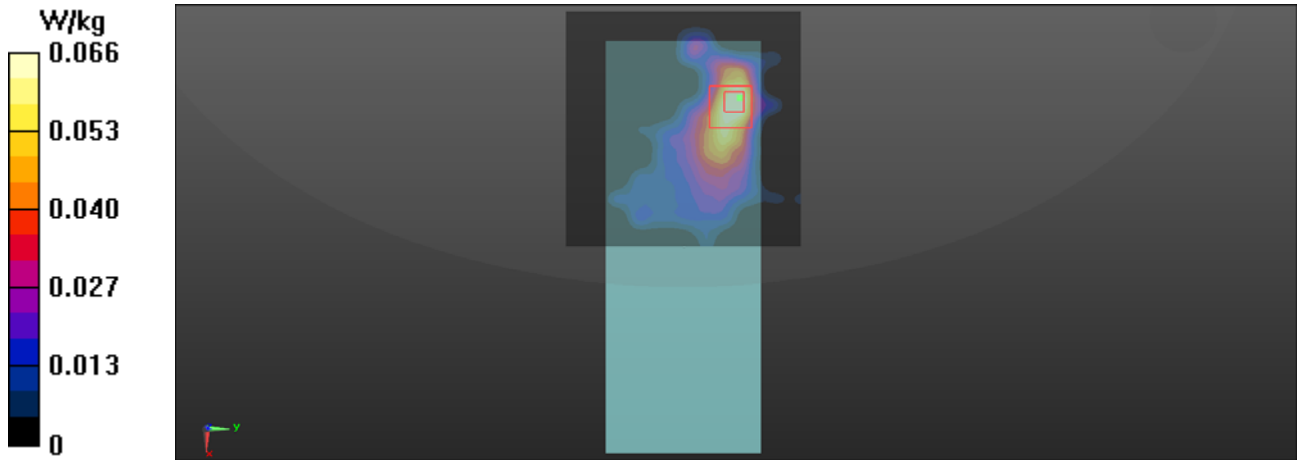
DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.807 S/m; ε_r = 39.645; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.57, 7.57, 7.57) @ 2437 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch6/Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0700 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.950 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0860 W/kg
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.019 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 51.6%
Maximum value of SAR (measured) = 0.0663 W/kg



Test Laboratory:BACL.SAR TestingLab

34_WLAN2.4G_802.11n40 MCS0_Body Right(0mm)_Ch6

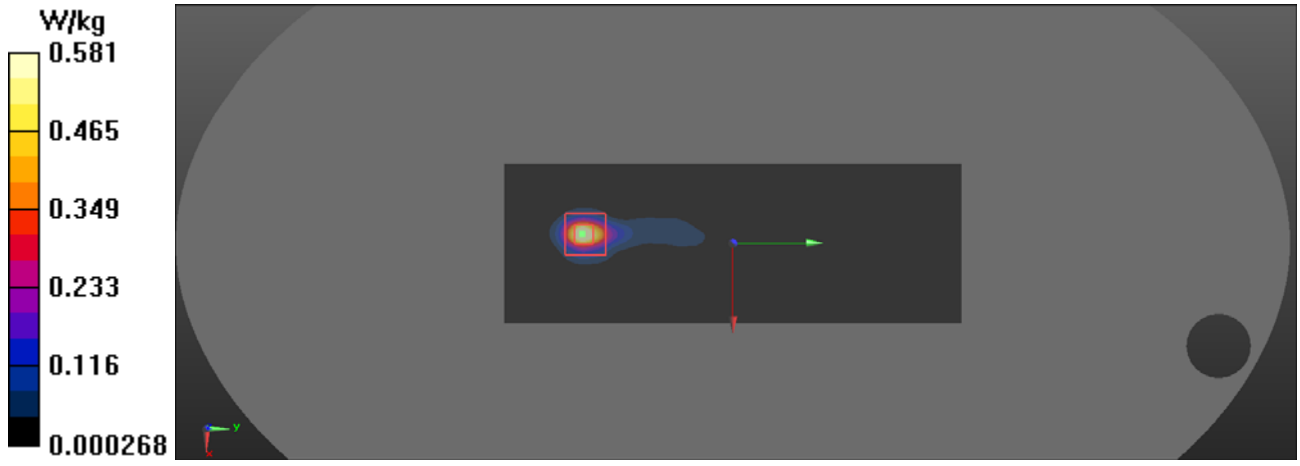
DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.807 S/m; ε_r = 39.645; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.57, 7.57, 7.57) @ 2437 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch6/Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.716 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.217 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.748 W/kg
SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.111 W/kg
Smallest distance from peaks to all points 3 dB below = 6.3 mm
Ratio of SAR at M2 to SAR at M1 = 42.5%
Maximum value of SAR (measured) = 0.581 W/kg



Test Laboratory:BACL.SAR TestingLab

34-2 Type2_WLAN2.4G_802.11n40 MCS0_Body Right(0mm)_Ch6

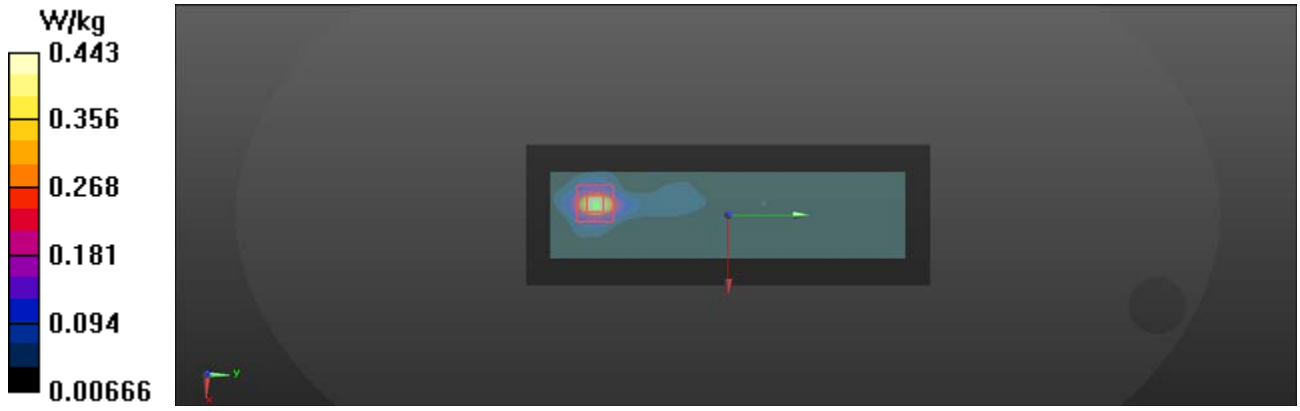
DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.807 S/m; ε_r = 39.645; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.57, 7.57, 7.57) @ 2437 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch6 Type2/Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.473 W/kg

Ch6 Type2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.797 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.578 W/kg
SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.100 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 43.8%
Maximum value of SAR (measured) = 0.443 W/kg



Test Laboratory:BACL.SAR TestingLab

62_WLAN5G_802.11a 6Mbps_Body Back(0mm)_Ch40

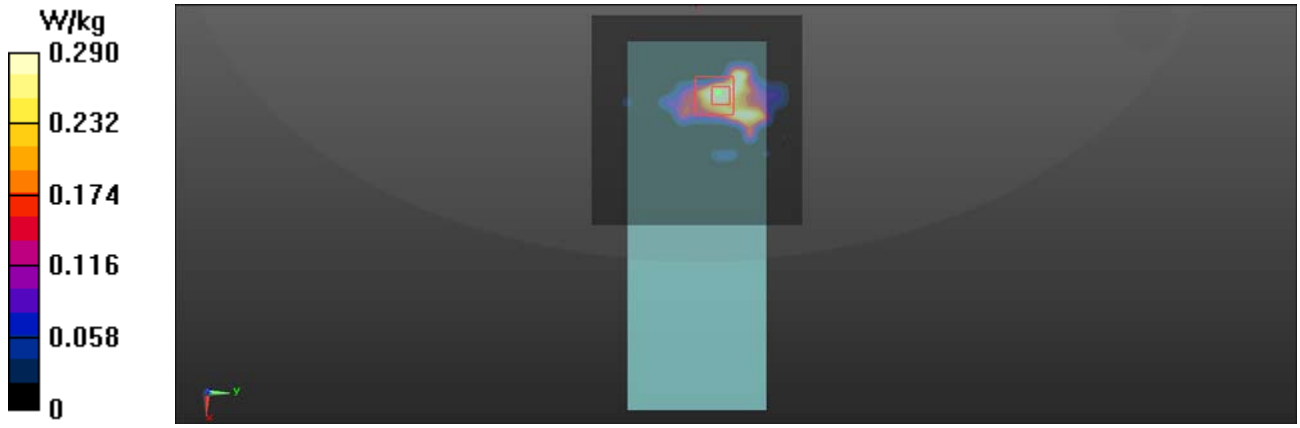
DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL_5G Medium parameters used: f = 5200 MHz; σ = 4.645 S/m; ε_r = 35.807; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(5.61, 5.61, 5.61) @ 5200 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40/Area Scan (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.411 W/kg

Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.958 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.609 W/kg
SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.039 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 65.7%
Maximum value of SAR (measured) = 0.290 W/kg



Test Laboratory:BACL.SAR TestingLab

64-2_WLAN5G_802.11a 6Mbps_Body Right(0mm)_Ch36

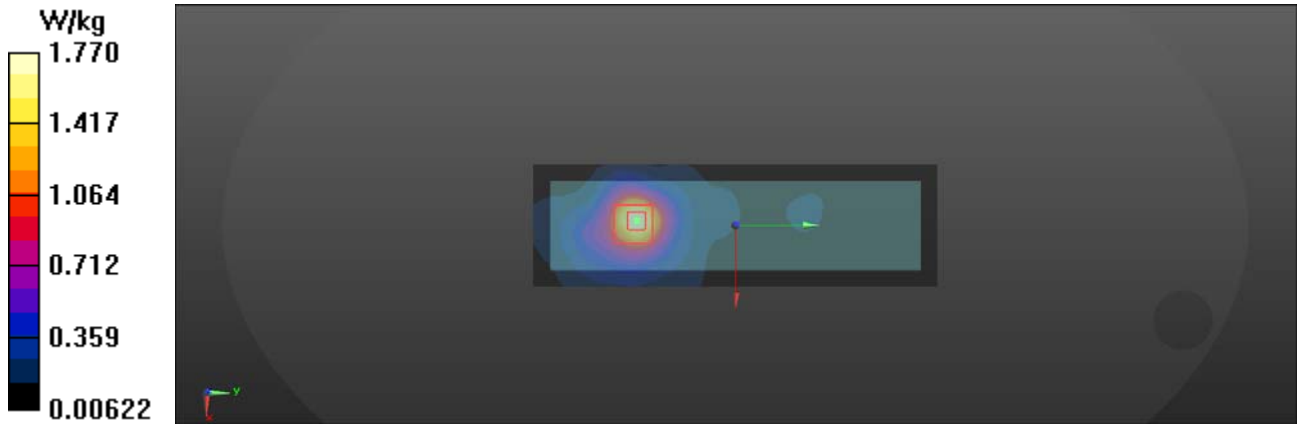
DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: HSL_5G Medium parameters used: f = 5180 MHz; σ = 4.655 S/m; ε_r = 35.872; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(5.61, 5.61, 5.61) @ 5180 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch36/Area Scan (71x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.85 W/kg

Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.83 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 2.82 W/kg
SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.342 W/kg
Smallest distance from peaks to all points 3 dB below = 14 mm
Ratio of SAR at M2 to SAR at M1 = 66%
Maximum value of SAR (measured) = 1.77 W/kg



Test Laboratory:BACL.SAR TestingLab

64_WLAN5G_802.11a 6Mbps_Body Right(0mm)_Ch40

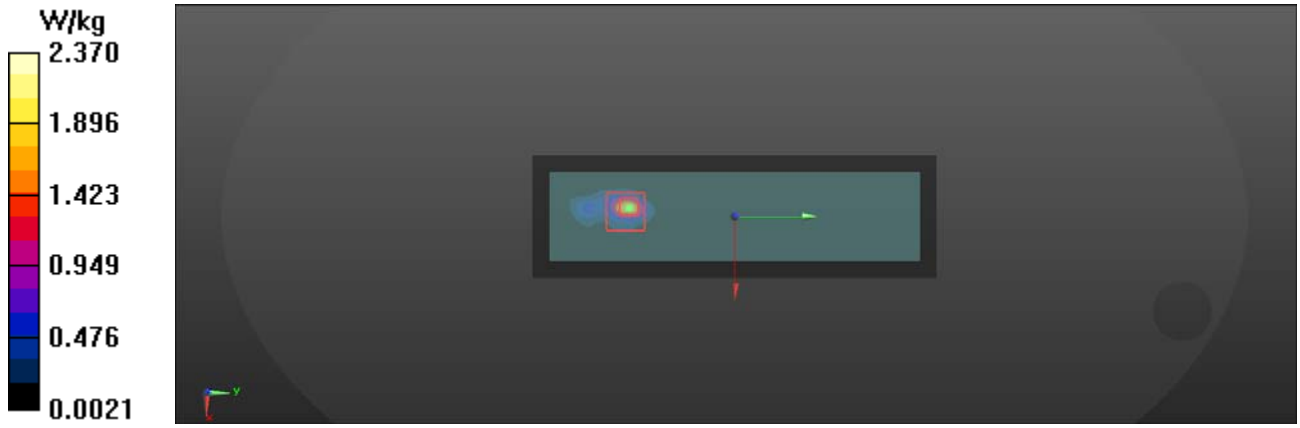
DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL_5G Medium parameters used: f = 5200 MHz; σ = 4.645 S/m; ε_r = 35.807; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(5.61, 5.61, 5.61) @ 5200 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40/Area Scan (71x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.22 W/kg

Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.688 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 4.33 W/kg
SAR(1 g) = 0.824 W/kg; SAR(10 g) = 0.188 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 62.1%
Maximum value of SAR (measured) = 2.37 W/kg



Test Laboratory:BACL.SAR TestingLab

64-3_WLAN5G_802.11a 6Mbps_Body Right(0mm)_Ch48

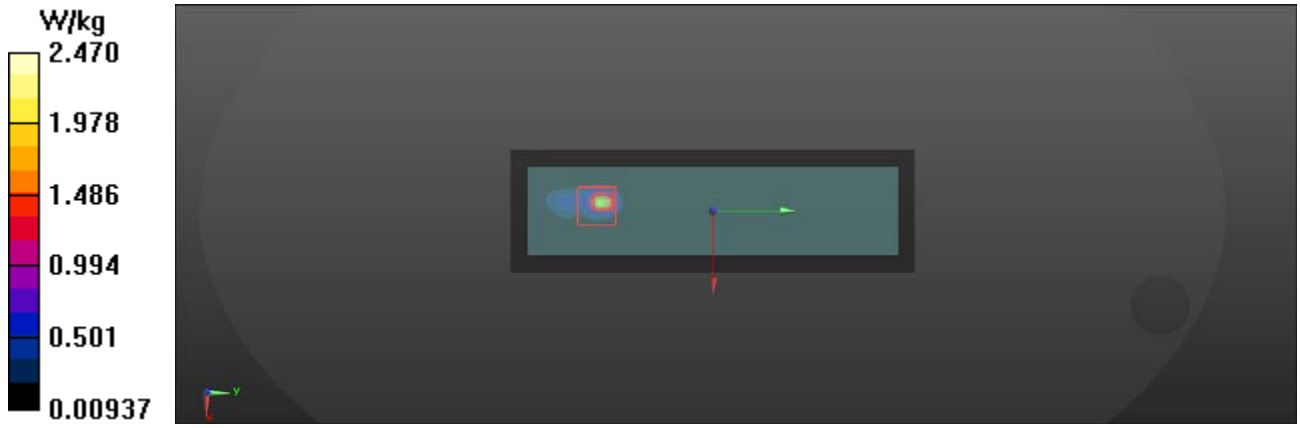
DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: HSL_5G Medium parameters used: f = 5240 MHz; σ = 4.738 S/m; ε_r = 35.552; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(5.61, 5.61, 5.61) @ 5240 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch48/Area Scan (71x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.32 W/kg

Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.647 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 4.41 W/kg
SAR(1 g) = 0.804 W/kg; SAR(10 g) = 0.166 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 60.6%
Maximum value of SAR (measured) = 2.47 W/kg



Test Laboratory:BACL.SAR TestingLab

64-4_WLAN5G_802.11a 6Mbps_Body Right(0mm)_Ch36

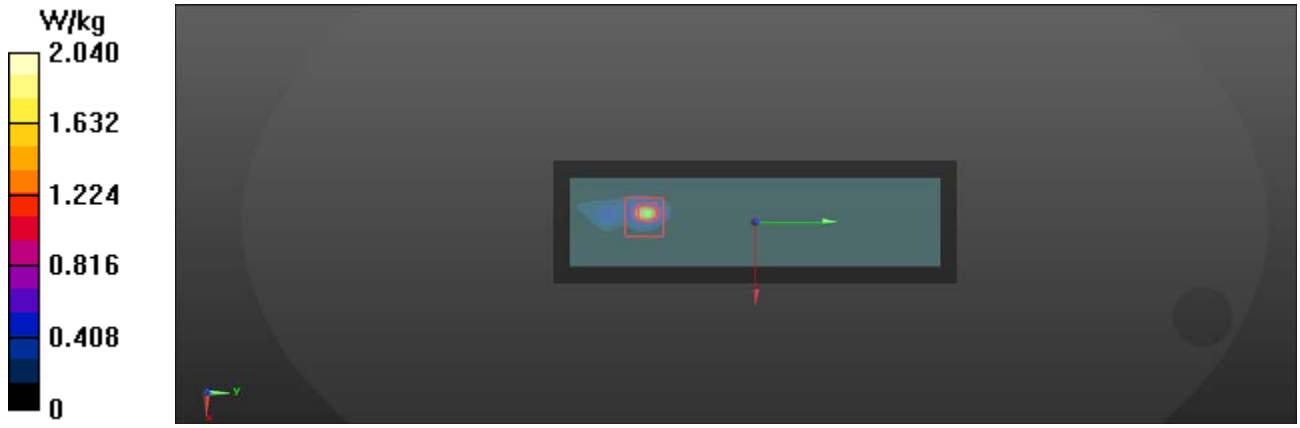
DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: HSL_5G Medium parameters used: f = 5180 MHz; σ = 4.655 S/m; ε_r = 35.872; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(5.61, 5.61, 5.61) @ 5180 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch36 Retest/Area Scan (71x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.94 W/kg

Ch36 Retest/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.946 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.68 W/kg
SAR(1 g) = 0.702 W/kg; SAR(10 g) = 0.148 W/kg
Smallest distance from peaks to all points 3 dB below = 4.7 mm
Ratio of SAR at M2 to SAR at M1 = 62.4%
Maximum value of SAR (measured) = 2.04 W/kg



Test Laboratory:BACL.SAR TestingLab

64-7_WLAN5G_802.11a 6Mbps_Body Right(0mm)_Ch36

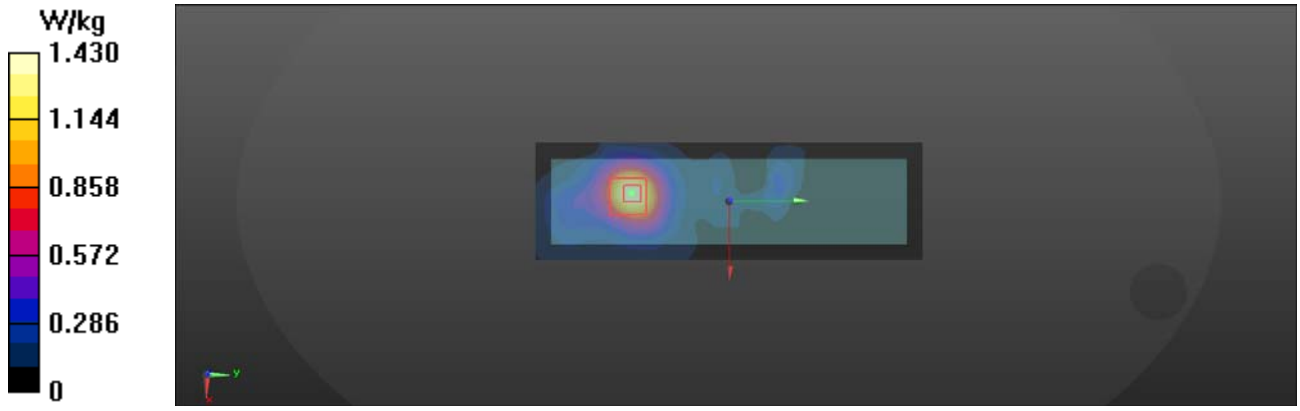
DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: HSL_5G Medium parameters used: f = 5180 MHz; σ = 4.655 S/m; ε_r = 35.872; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(5.61, 5.61, 5.61) @ 5180 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch36 Type2/Area Scan (71x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.46 W/kg

Ch36 Type2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.90 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.271 W/kg
Smallest distance from peaks to all points 3 dB below = 15.1 mm
Ratio of SAR at M2 to SAR at M1 = 66%
Maximum value of SAR (measured) = 1.43 W/kg



Test Laboratory:BACL.SAR TestingLab

67_WLAN5G_802.11a 6Mbps_Body Back(0mm)_Ch149

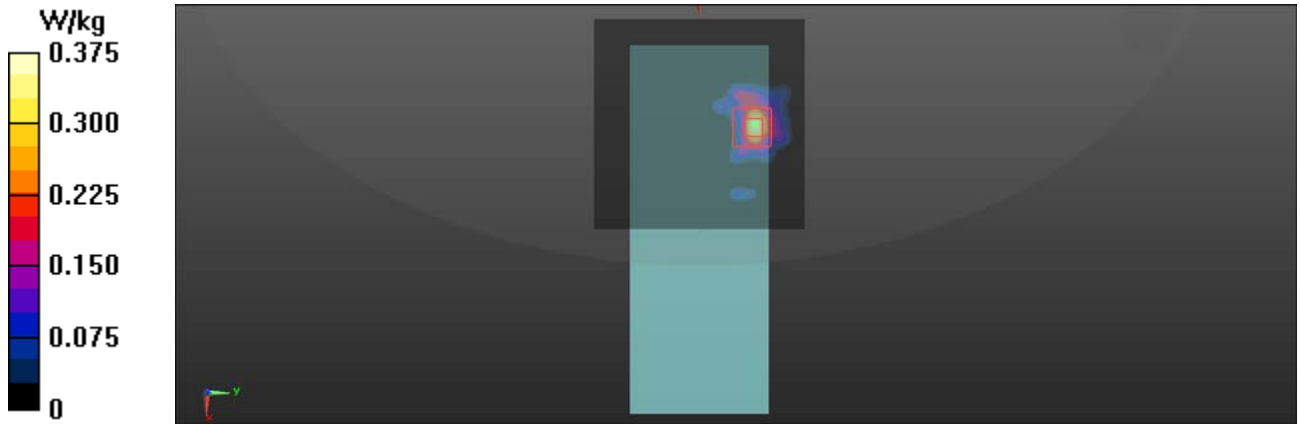
DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: HSL_5G Medium parameters used: f = 5745 MHz; σ = 5.396 S/m; ε_r = 34.498; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(5.08, 5.08, 5.08) @ 5745 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch149/Area Scan (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.400 W/kg

Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.033 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.033 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 55.8%
Maximum value of SAR (measured) = 0.375 W/kg



Test Laboratory:BACL.SAR TestingLab

69_WLAN5G_802.11a 6Mbps_Body Right(0mm)_Ch149

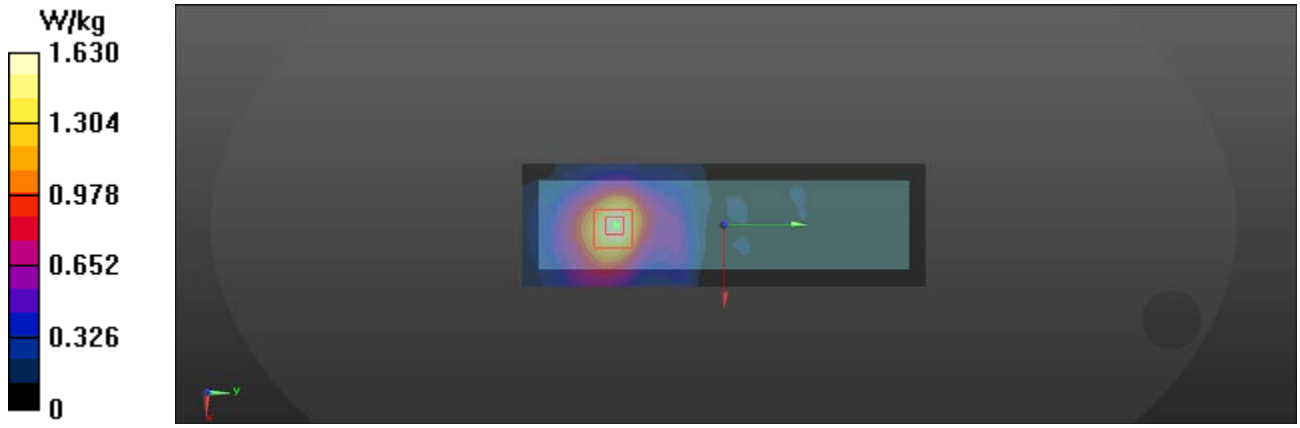
DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: HSL_5G Medium parameters used: f = 5745 MHz; σ = 5.396 S/m; ε_r = 34.498; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(5.08, 5.08, 5.08) @ 5745 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch149/Area Scan (71x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.66 W/kg

Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.34 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.69 W/kg
SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.325 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 63.6%
Maximum value of SAR (measured) = 1.63 W/kg



Test Laboratory:BACL.SAR TestingLab

69-2_WLAN5G_802.11a 6Mbps_Body Right(0mm)_Ch149

DUT: F20

Communication System: UID 0, WIFI (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: HSL_5G Medium parameters used: f = 5745 MHz; σ = 5.396 S/m; ε_r = 34.498; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(5.08, 5.08, 5.08) @ 5745 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch149 Type2/Area Scan (71x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Ch149 Type2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.48 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.62 W/kg
SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.161 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 60.7%
Maximum value of SAR (measured) = 1.47 W/kg