51-2_LTE FDD Band 12_10M_QPSK_50%RB_0Offset_Body Hotspot Right(10mm)_Ch23095

DUT: N5005L

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 = 0.89 S/m; ε_r = 40.239; 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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095 50%RB/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.352 W/kg

Ch23095 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
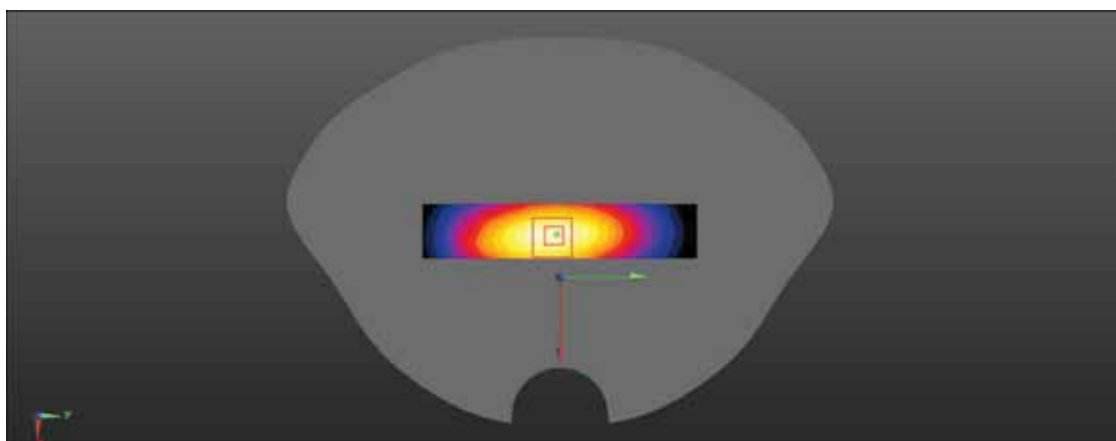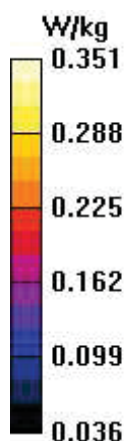Reference Value = 20.63 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.398 W/kg
SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.188 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.4%
Maximum value of SAR (measured) = 0.351 W/kg

52_LTE FDD Band 12_10M_QPSK_1RB_0Offset_Body Hotspot Bottom(10mm)_Ch23095

DUT: N5005L

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 = 0.89 S/m; ε_r = 40.239; 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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095/Area Scan (21x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0977 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
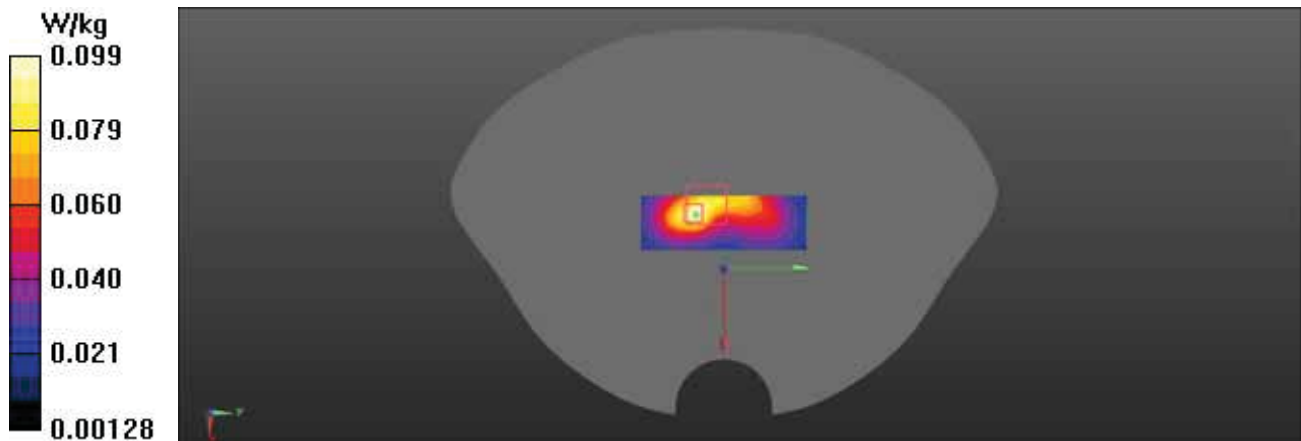Reference Value = 10.52 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.137 W/kg
SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.032 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 41%
Maximum value of SAR (measured) = 0.0988 W/kg

52-2_LTE FDD Band 12_10M_QPSK_50%RB_0Offset_Body Hotspot Bottom(10mm)_Ch23095

DUT: N5005L

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 = 0.89 S/m; ε_r = 40.239; 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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch23095 50%RB/Area Scan (21x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0789 W/kg

Ch23095 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
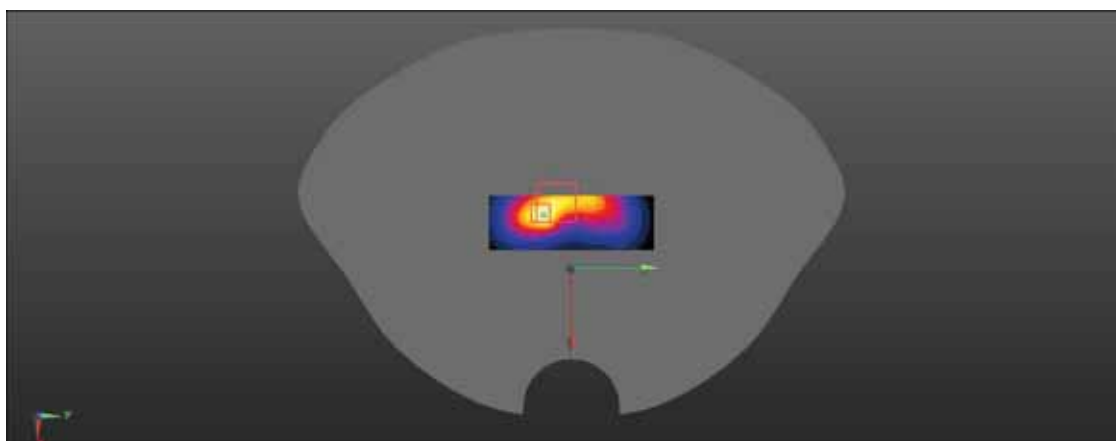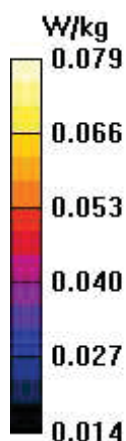Reference Value = 9.255 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.026 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 41.4%
Maximum value of SAR (measured) = 0.0785 W/kg

38-2_LTE FDD Band 66_20M_QPSK_1RB_0Offset_Body Hotspot Back(10mm)_Ch132072

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1720 MHz; σ = 1.329 S/m; ε_r = 40.198; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1720 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132072/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.50 W/kg

Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
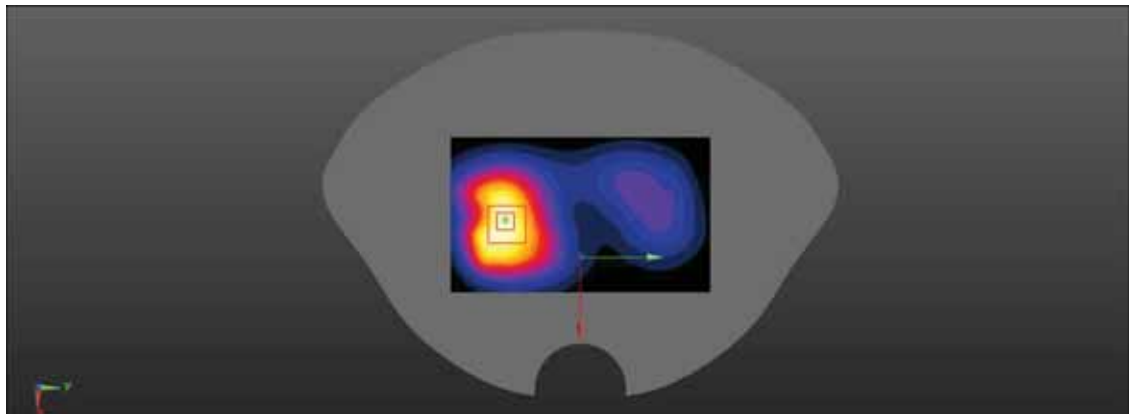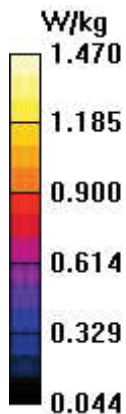Reference Value = 33.87 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.675 W/kg
Smallest distance from peaks to all points 3 dB below = 23.1 mm
Ratio of SAR at M2 to SAR at M1 = 63.8%
Maximum value of SAR (measured) = 1.47 W/kg

38_LTE FDD Band 66_20M_QPSK_1RB_0Offset_Body Hotspot Back(10mm)_Ch132322

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; $ε_r$ = 40.141; 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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.47 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
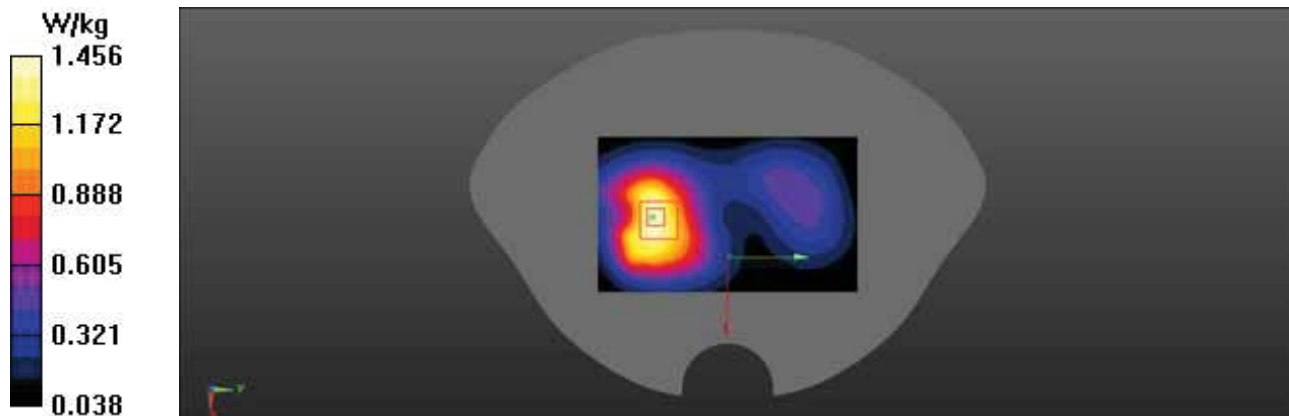Reference Value = 32.64 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.658 W/kg
Smallest distance from peaks to all points 3 dB below = 23.8 mm
Ratio of SAR at M2 to SAR at M1 = 62.9%
Maximum value of SAR (measured) = 1.46 W/kg

38-3_LTE FDD Band 66_20M_QPSK_1RB_0Offset_Body Hotspot Back(10mm)_Ch132422

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1755 MHz;Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used: f = 1755 MHz; σ = 1.349 S/m; ε_r = 40.117; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1755 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CH132422/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.43 W/kg

CH132422/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
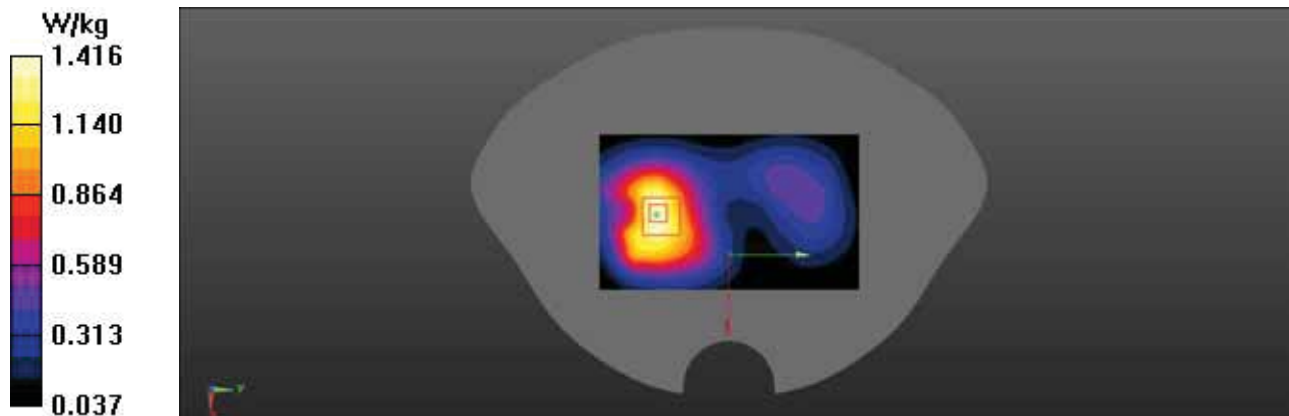Reference Value = 31.86 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.642 W/kg
Smallest distance from peaks to all points 3 dB below = 23.8 mm
Ratio of SAR at M2 to SAR at M1 = 63.4%
Maximum value of SAR (measured) = 1.42 W/kg

38-5_LTE FDD Band 66_20M_QPSK_50%RB_0Offset_Body Hotspot Back(10mm) _Ch132072

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1720 MHz; σ = 1.329 S/m; ε_r = 40.198; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1720 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132072 50%RB 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Ch132072 50%RB 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
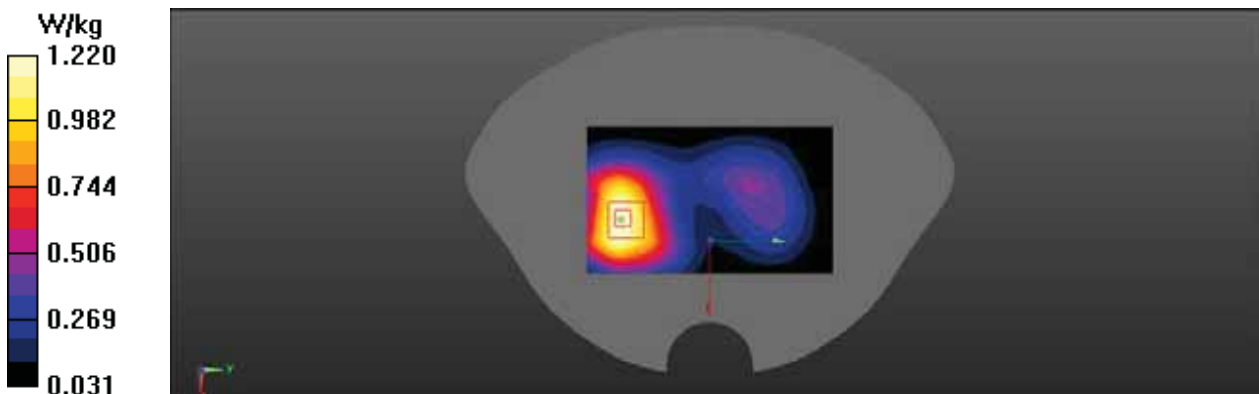Reference Value = 29.60 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.550 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 62%
Maximum value of SAR (measured) = 1.22 W/kg

38-4_LTE FDD Band 66_20M_QPSK_50%RB_0Offset_Body Hotspot Back(10mm) _Ch132322

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; ε_r = 40.141; 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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322 50%RB 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Ch132322 50%RB 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
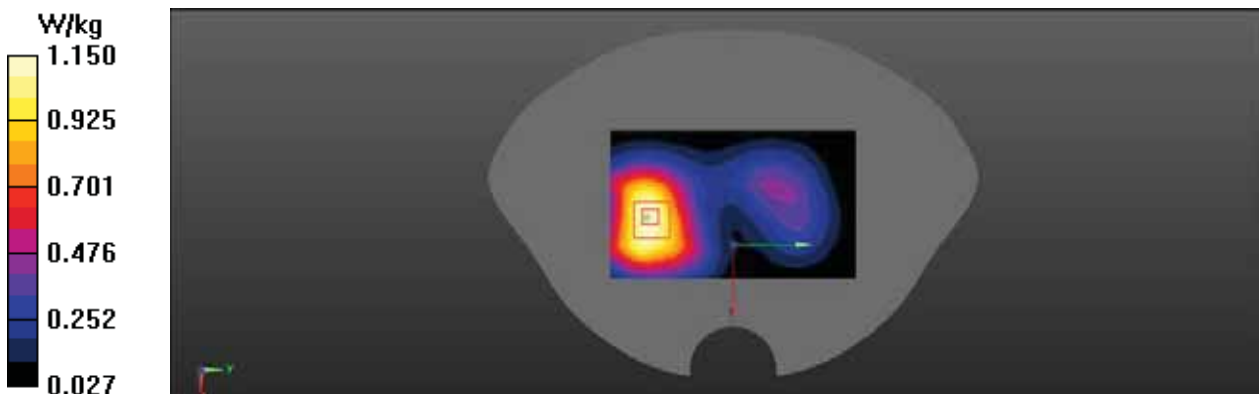Reference Value = 29.15 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.517 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 62.1%
Maximum value of SAR (measured) = 1.15 W/kg

38-6_LTE FDD Band 66_20M_QPSK_50%RB_0Offset_Body Hotspot Back(10mm) _Ch132572

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1770 MHz; σ = 1.359 S/m; ε_r = 40.067; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1770 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132572 50%RB 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Ch132572 50%RB 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
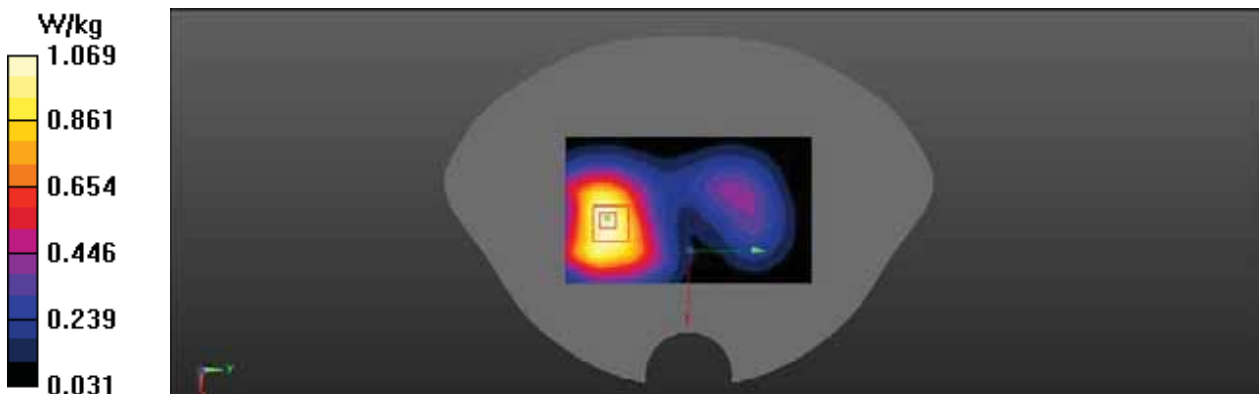Reference Value = 28.45 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.489 W/kg
Smallest distance from peaks to all points 3 dB below = 24 mm
Ratio of SAR at M2 to SAR at M1 = 63%
Maximum value of SAR (measured) = 1.07 W/kg

39-3_LTE FDD Band 66_20M_QPSK_1RB_0Offset_Body Hotspot Front(10mm)_Ch132072

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used: f = 1720 MHz; σ = 1.329 S/m; ε_r = 40.198; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1720 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132072/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.53 W/kg

Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
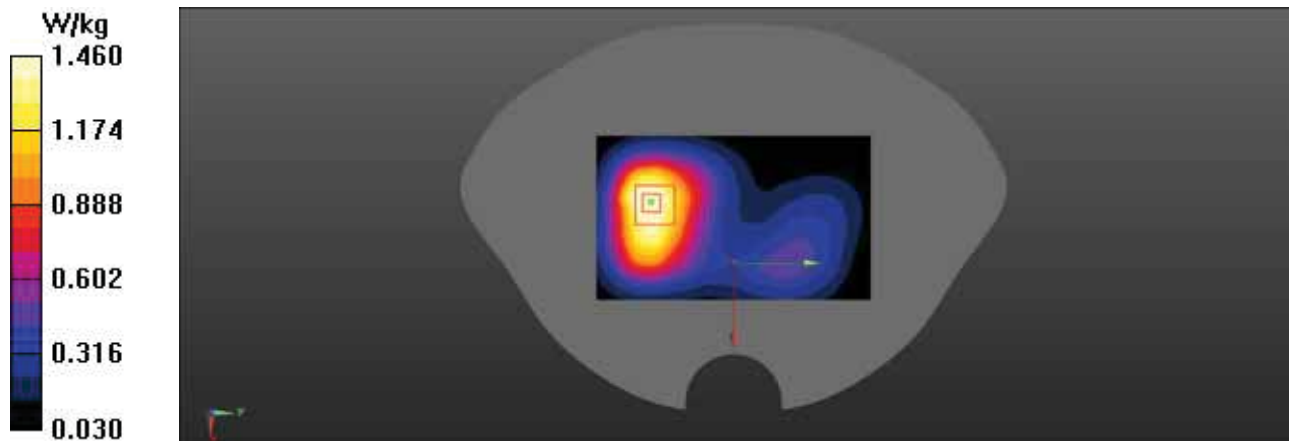Reference Value = 34.21 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.678 W/kg
Smallest distance from peaks to all points 3 dB below = 19.5 mm
Ratio of SAR at M2 to SAR at M1 = 63.6%
Maximum value of SAR (measured) = 1.46 W/kg

39_LTE FDD Band 66_20M_QPSK_1RB_0Offset_Body Hotspot Front(10mm)_Ch132322

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; ε_r = 40.141; 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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.48 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
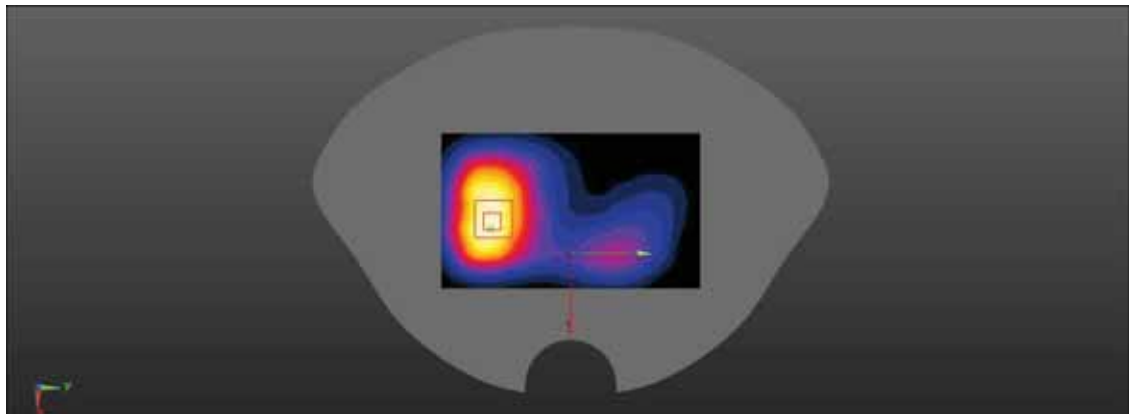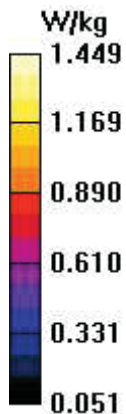Reference Value = 33.42 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.658 W/kg
Smallest distance from peaks to all points 3 dB below = 23.8 mm
Ratio of SAR at M2 to SAR at M1 = 61.2%
Maximum value of SAR (measured) = 1.45 W/kg

39-4_LTE FDD Band 66_20M_QPSK_1RB_0Offset_Body Hotspot Front(10mm)_Ch132572

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1770 MHz;Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used: f = 1770 MHz; σ = 1.359 S/m; ε_r = 40.067; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1770 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132572/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.40 W/kg

Ch132572/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
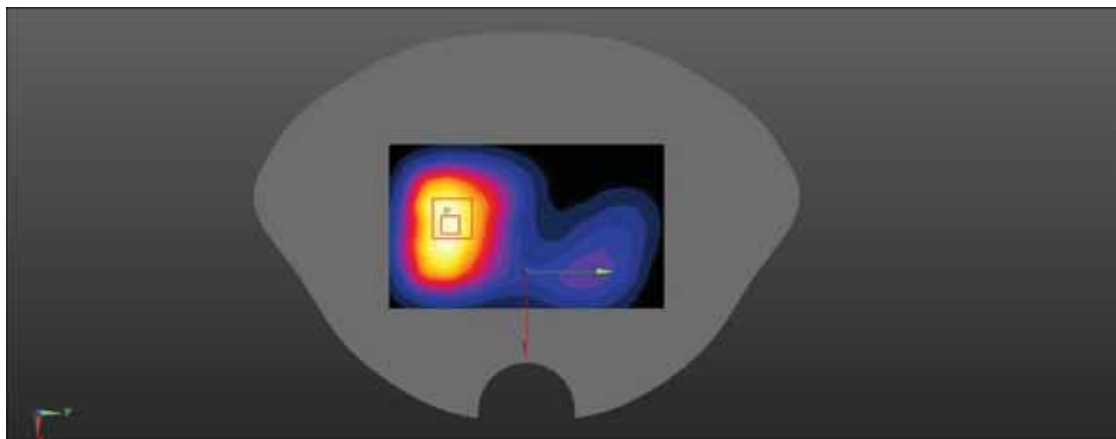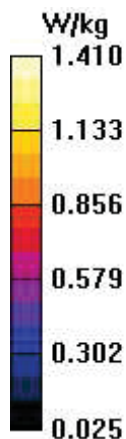Reference Value = 32.34 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.634 W/kg
Smallest distance from peaks to all points 3 dB below = 30.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.3%
Maximum value of SAR (measured) = 1.41 W/kg

39-5_LTE FDD Band 66_20M_QPSK_50%RB_0Offset_Body Hotspot Front(10mm)_Ch132072

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used: f = 1720 MHz; σ = 1.329 S/m; ε_r = 40.198; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1720 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132072 50%RB/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Ch132072 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
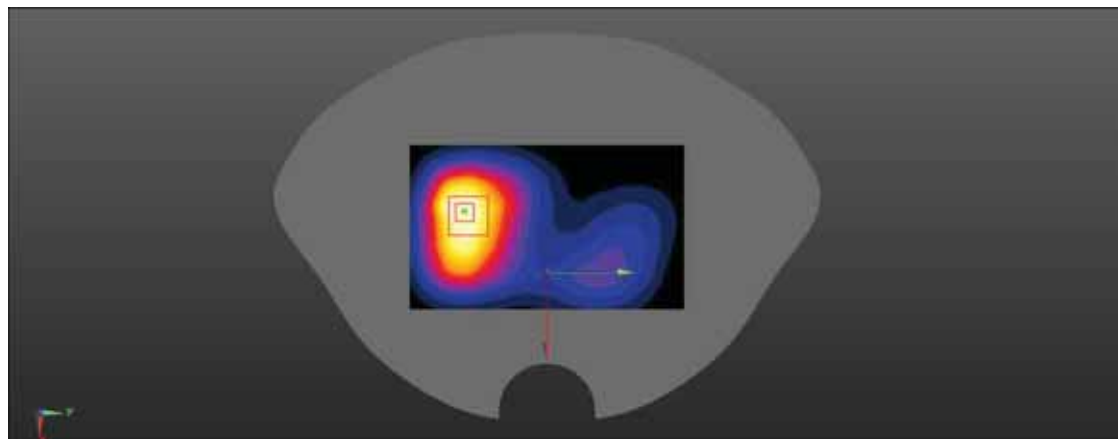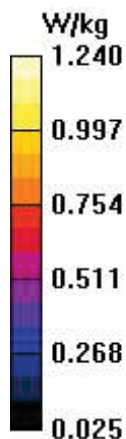Reference Value = 31.57 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.572 W/kg
Smallest distance from peaks to all points 3 dB below = 19.5 mm
Ratio of SAR at M2 to SAR at M1 = 63.1%
Maximum value of SAR (measured) = 1.24 W/kg

39-2_LTE FDD Band 66_20M_QPSK_50%RB_0Offset_Body Hotspot Front(10mm)_Ch132322

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; ε_r = 40.141; 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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322 50%RB/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Ch132322 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
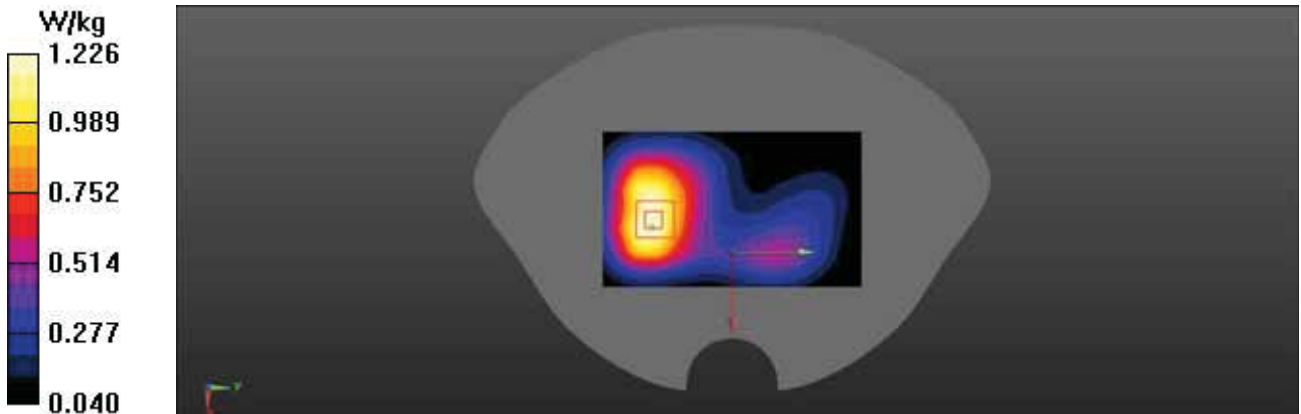Reference Value = 30.88 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.554 W/kg
Smallest distance from peaks to all points 3 dB below = 26.2 mm
Ratio of SAR at M2 to SAR at M1 = 60.8%
Maximum value of SAR (measured) = 1.23 W/kg

39-6_LTE FDD Band 66_20M_QPSK_50%RB_0Offset_Body Hotspot Front(10mm)_Ch132572

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1770 MHz; σ = 1.359 S/m; ε_r = 40.067; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1770 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132572 50%RB/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Ch132572 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
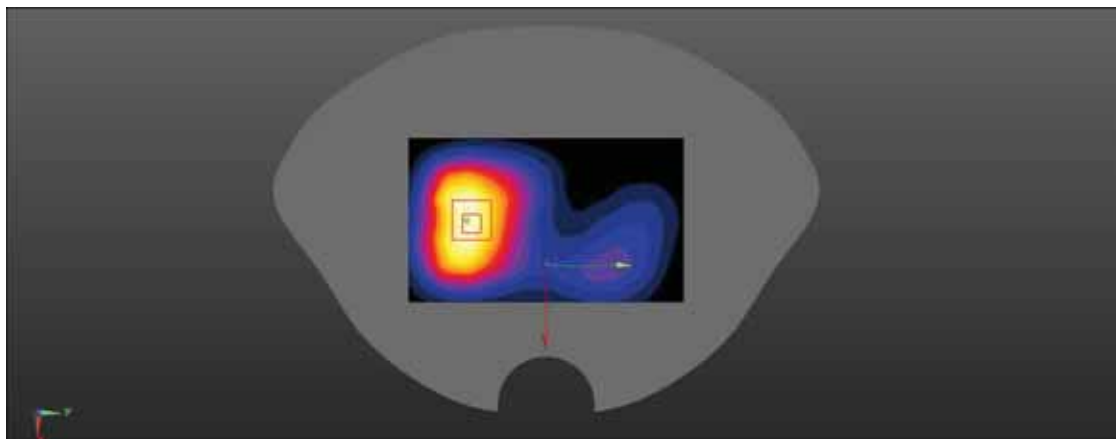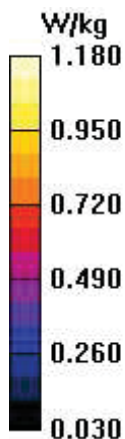Reference Value = 29.66 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.533 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 60.3%
Maximum value of SAR (measured) = 1.18 W/kg

40_LTE FDD Band 66_20M_QPSK_1RB_0Offset_Body Hotspot Left(10mm)_Ch132322

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; ε_r = 40.141; 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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.632 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
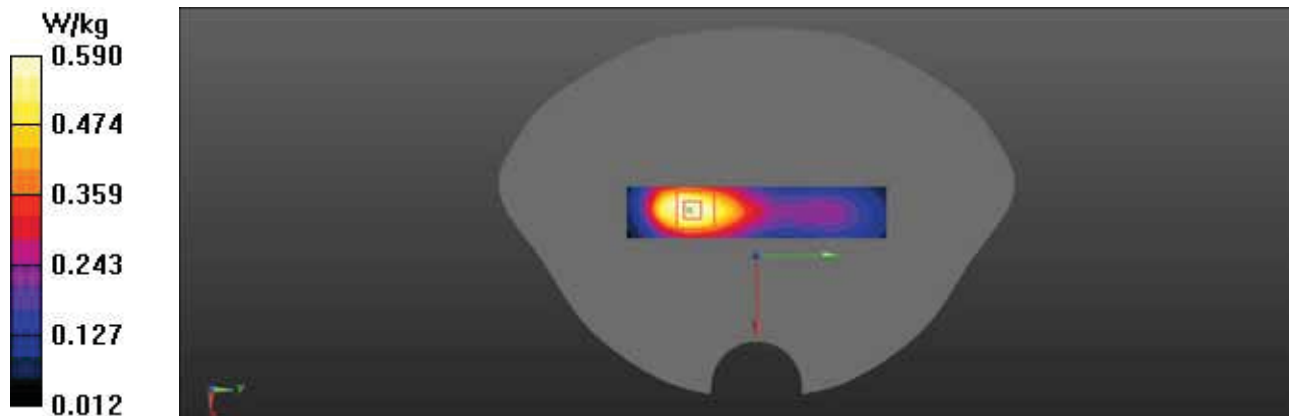Reference Value = 21.44 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.693 W/kg
SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.245 W/kg
Smallest distance from peaks to all points 3 dB below = 14.4 mm
Ratio of SAR at M2 to SAR at M1 = 58.8%
Maximum value of SAR (measured) = 0.590 W/kg

40-2_LTE FDD Band 66_20M_QPSK_50%RB_0Offset_Body Hotspot Left(10mm)_Ch132322

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; ε_r = 40.141; 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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322 50%RB/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.521 W/kg

Ch132322 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
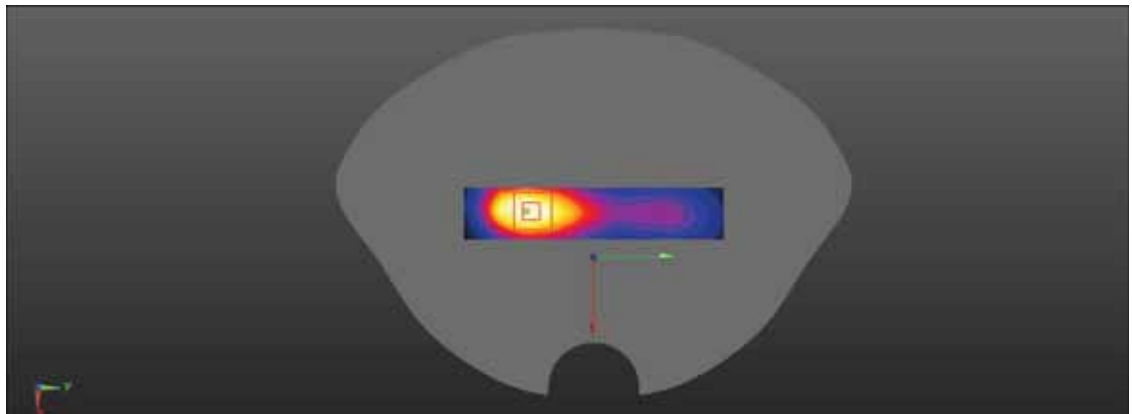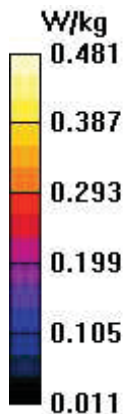Reference Value = 19.31 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.566 W/kg
SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.202 W/kg
Smallest distance from peaks to all points 3 dB below = 14.8 mm
Ratio of SAR at M2 to SAR at M1 = 59%
Maximum value of SAR (measured) = 0.481 W/kg

41_LTE FDD Band 66_20M_QPSK_1RB_0Offset_Body Hotspot Right(10mm)_Ch132322

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; ε_r = 40.141; 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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.443 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
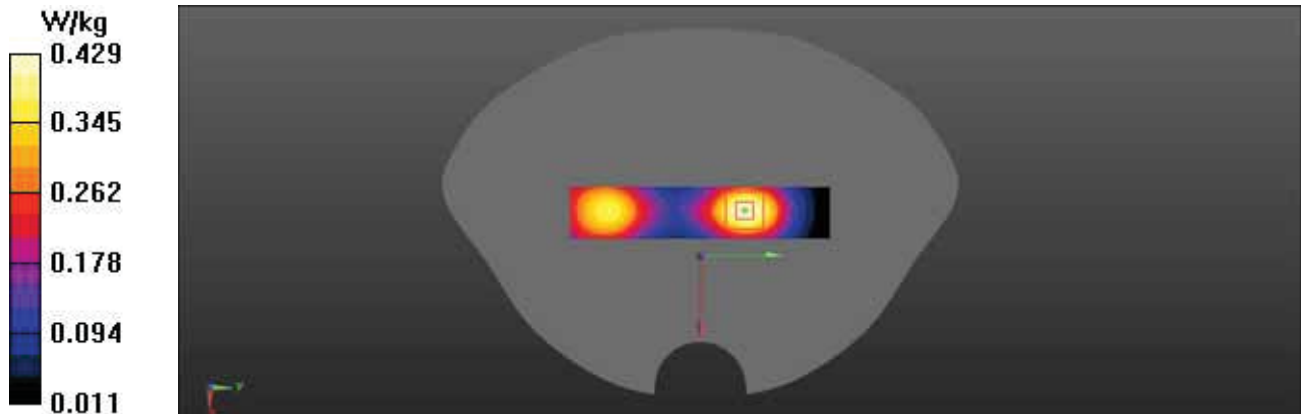Reference Value = 17.39 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.504 W/kg
SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.178 W/kg
Smallest distance from peaks to all points 3 dB below = 15.8 mm
Ratio of SAR at M2 to SAR at M1 = 59.6%
Maximum value of SAR (measured) = 0.429 W/kg

41-2_LTE FDD Band 66_20M_QPSK_50%RB_0Offset_Body Hotspot Right(10mm)_Ch132322

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; ε_r = 40.141; 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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322 50%RB/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.366 W/kg

Ch132322 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
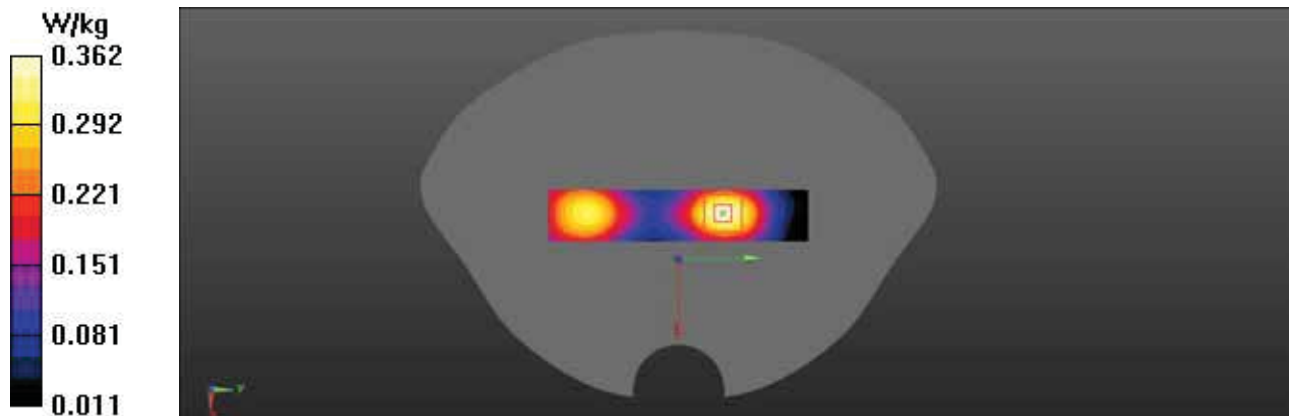Reference Value = 15.86 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.423 W/kg
SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.150 W/kg
Smallest distance from peaks to all points 3 dB below = 16.3 mm
Ratio of SAR at M2 to SAR at M1 = 60%
Maximum value of SAR (measured) = 0.362 W/kg

42_LTE FDD Band 66_20M_QPSK_1RB_0Offset_Body Hotspot Bottom(10mm)_Ch132322

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; $ε_r$ = 40.141; 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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322/Area Scan (21x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.600 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
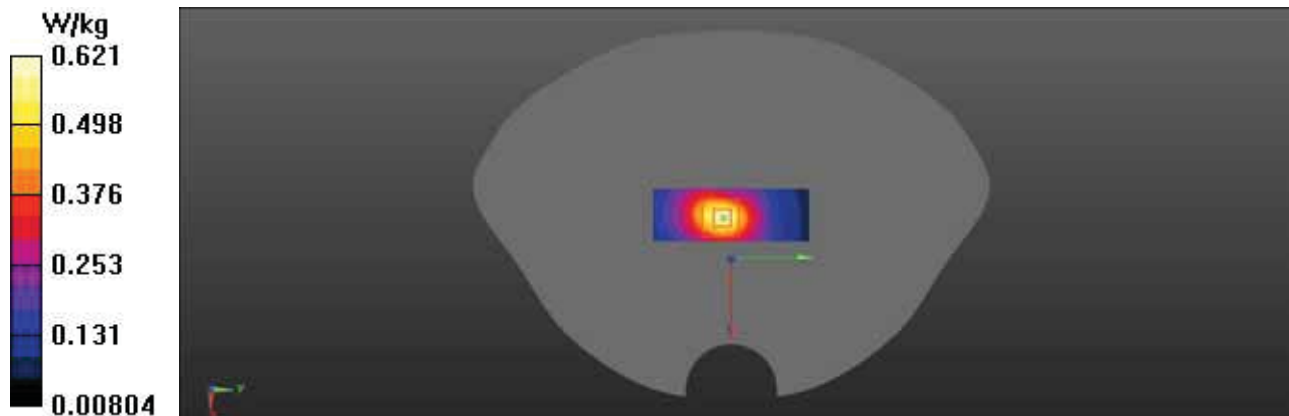Reference Value = 20.29 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.725 W/kg
SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.236 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 59.3%
Maximum value of SAR (measured) = 0.621 W/kg

42-2_LTE FDD Band 66_20M_QPSK_50%RB_0Offset_Body Hotspot Bottom(10mm)_Ch132322

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL1750 Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; ε_r = 40.141; 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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch132322 50%RB/Area Scan (21x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.504 W/kg

Ch132322 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
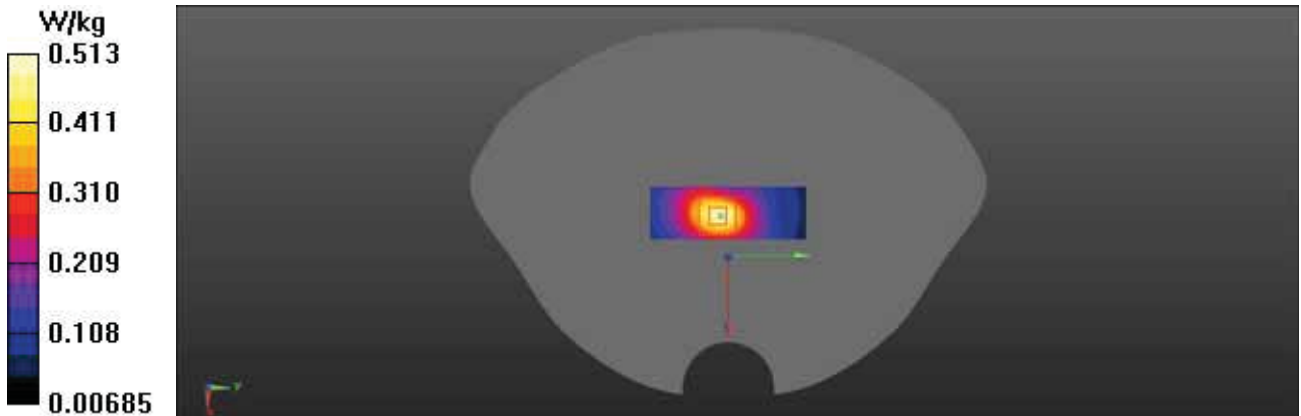Reference Value = 18.69 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.601 W/kg
SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.195 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 58.8%
Maximum value of SAR (measured) = 0.513 W/kg

43_LTE FDD Band 71_20M_QPSK_1RB_0Offset_Body Hotspot Back(10mm) _Ch133322

DUT: N5005L

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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133322/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.674 W/kg

Ch133322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
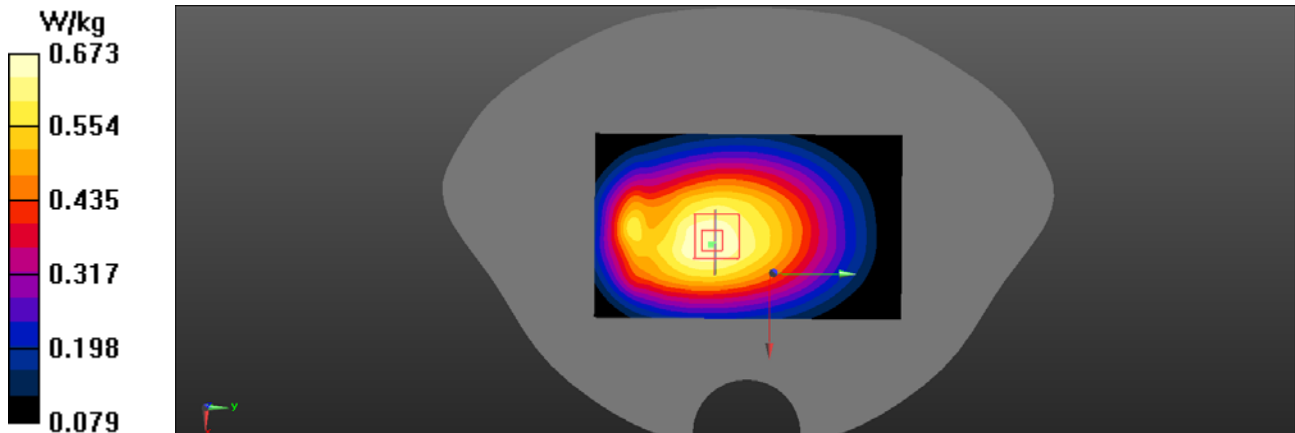Reference Value = 28.51 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.742 W/kg
SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.408 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 73.9%
Maximum value of SAR (measured) = 0.673 W/kg

43-4_LTE FDD Band 71_20M_QPSK_50%RB_0Offset_Body Hotspot Back(10mm) _Ch133322

DUT: N5005L

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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133372 50%RB/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.562 W/kg

Ch133372 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
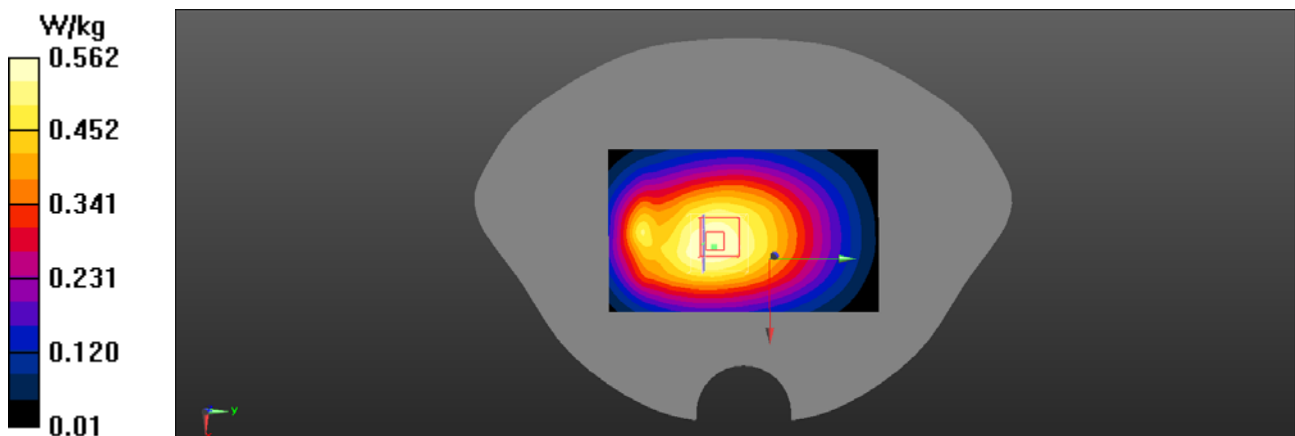Reference Value = 26.04 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.609 W/kg
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.339 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 73.4%
Maximum value of SAR (measured) = 0.553 W/kg

44_LTE FDD Band 71_20M_QPSK_1RB_0Offset_Body Hotspot Front(10mm) _Ch133322

DUT: N5005L

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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133322/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.457 W/kg

Ch133322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
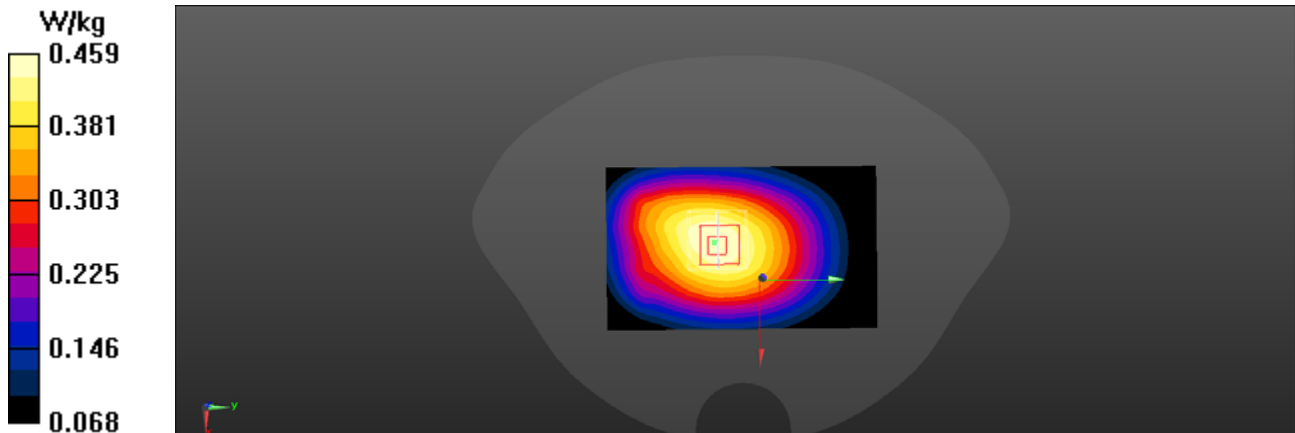Reference Value = 23.23 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.502 W/kg
SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.286 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 75.1%
Maximum value of SAR (measured) = 0.459 W/kg

44-2_LTE FDD Band 71_20M_QPSK_50%RB_0Offset_Body Hotspot Front(10mm) _Ch133322

DUT: N5005L

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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133322 50%RB/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.388 W/kg

Ch133322 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
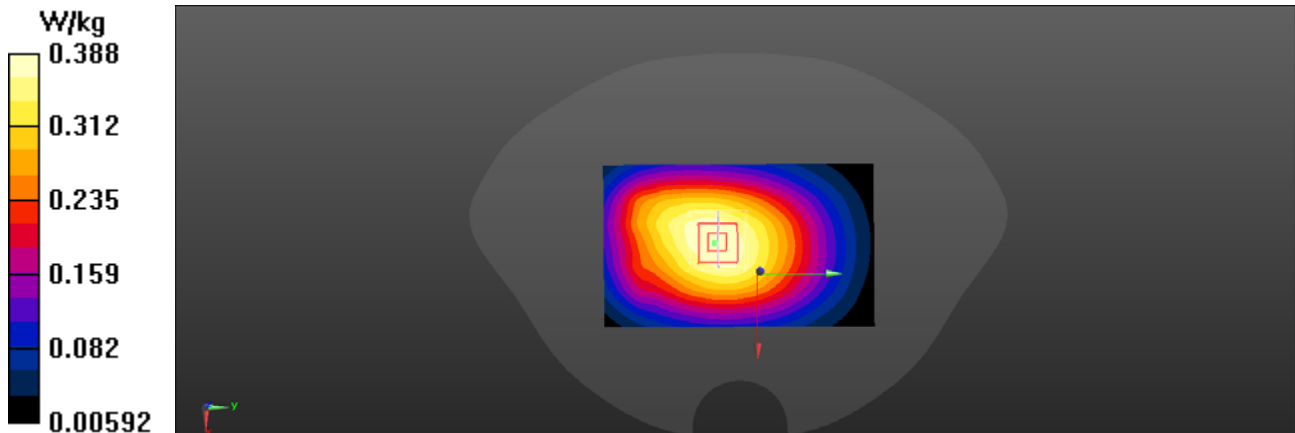Reference Value = 21.43 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.429 W/kg
SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.244 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 75.3%
Maximum value of SAR (measured) = 0.393 W/kg

45_LTE FDD Band 71_20M_QPSK_1RB_0Offset_Body Hotspot Left(10mm) _Ch133322

DUT: N5005L

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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133322/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.404 W/kg

Ch133322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
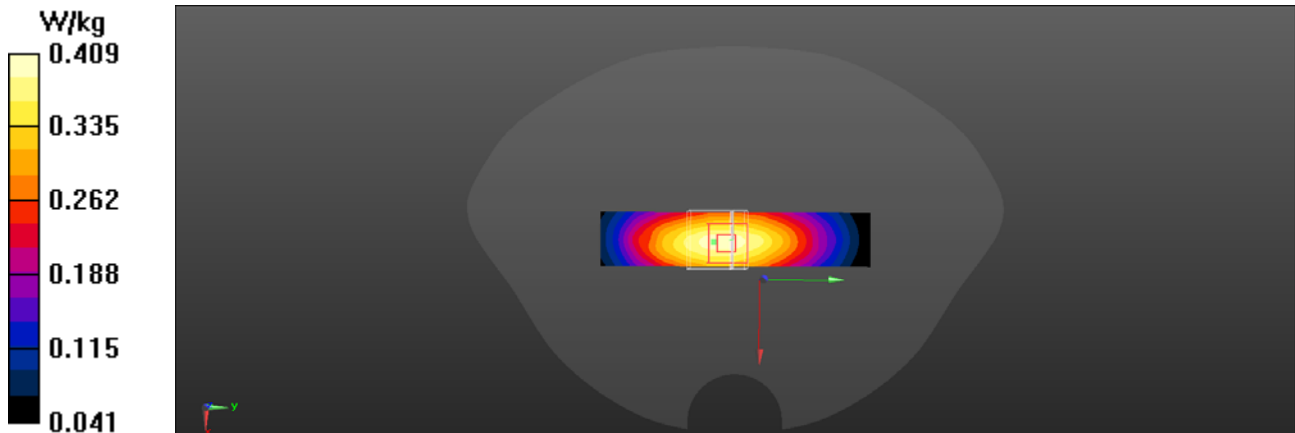Reference Value = 22.42 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.464 W/kg
SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.217 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 67.7%
Maximum value of SAR (measured) = 0.409 W/kg

45-2_LTE FDD Band 71_20M_QPSK_50%RB_0Offset_Body Hotspot Left(10mm) _Ch133322

DUT: N5005L

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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133322 50%RB/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.314 W/kg

Ch133322 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
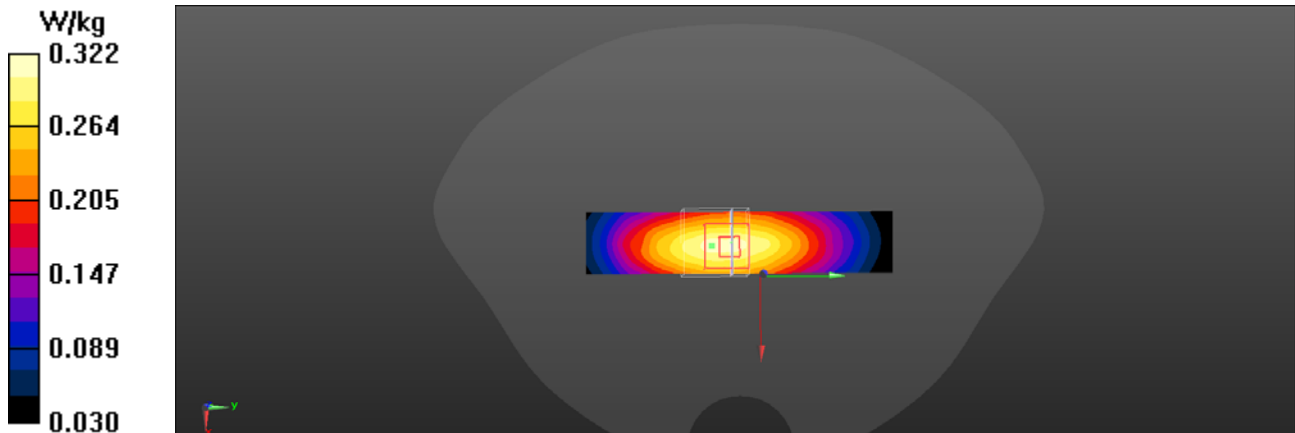Reference Value = 19.69 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.367 W/kg
SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.169 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 67.1%
Maximum value of SAR (measured) = 0.322 W/kg

46_LTE FDD Band 71_20M_QPSK_1RB_0Offset_Body Hotspot Right(10mm) _Ch133322

DUT: N5005L

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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133322/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.445 W/kg

Ch133322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
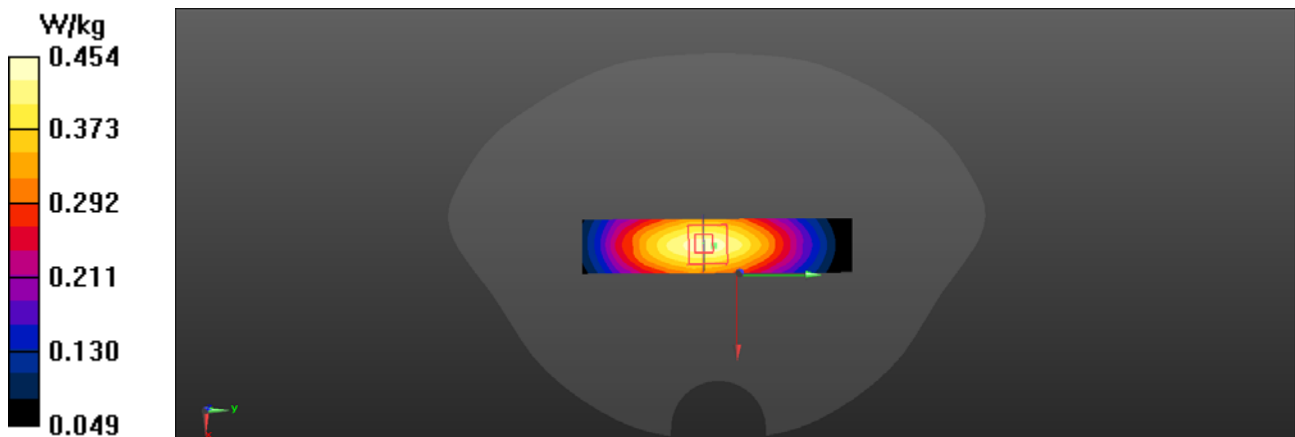Reference Value = 23.65 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.511 W/kg
SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.242 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 67.9%
Maximum value of SAR (measured) = 0.454 W/kg

46-2_LTE FDD Band 71_20M_QPSK_50%RB_0Offset_Body Hotspot Right(10mm) _Ch133322

DUT: N5005L

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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133322 50%RB/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.348 W/kg

Ch133322 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
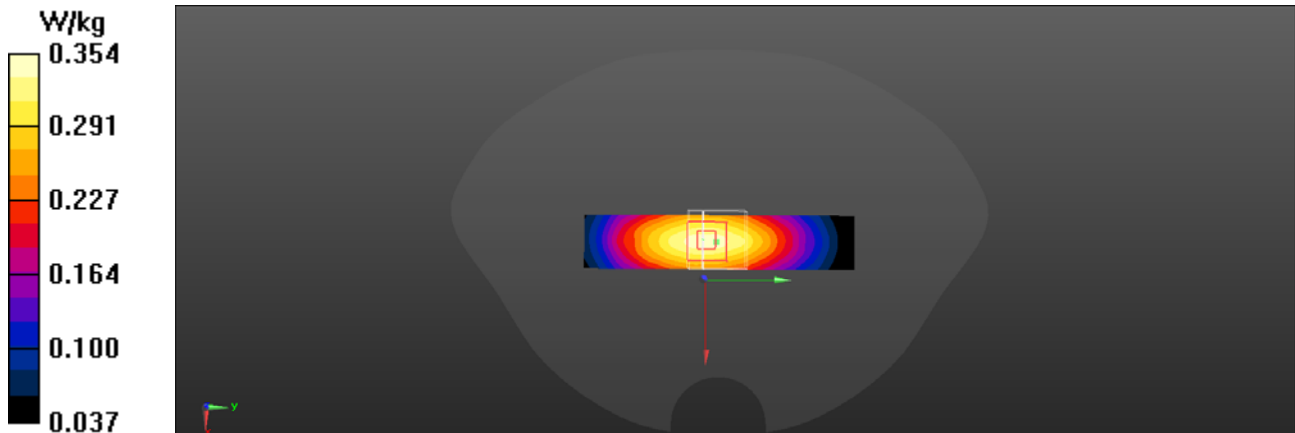Reference Value = 20.83 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.399 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.188 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 67.6%
Maximum value of SAR (measured) = 0.354 W/kg

47_LTE FDD Band 71_20M_QPSK_1RB_0Offset_Body Hotspot Bottom(10mm)_Ch133322

DUT: N5005L

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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133322/Area Scan (21x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.102 W/kg

Ch133322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
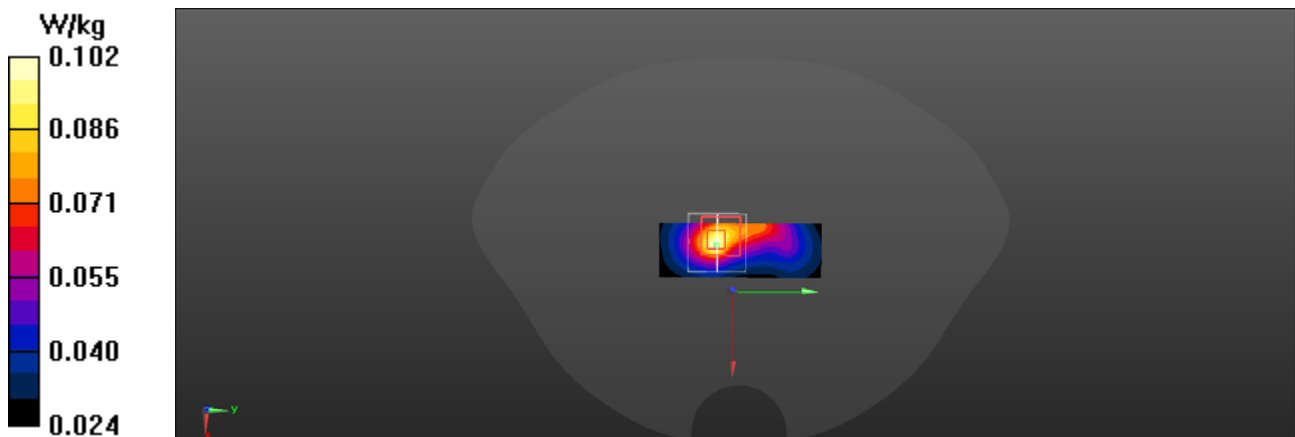Reference Value = 10.84 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.136 W/kg
SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.032 W/kg
Smallest distance from peaks to all points 3 dB below = 13.8 mm
Ratio of SAR at M2 to SAR at M1 = 40.1%
Maximum value of SAR (measured) = 0.100 W/kg

47-2_LTE FDD Band 71_20M_QPSK_50%RB_0Offset_Body Hotspot Bottom(10mm)_Ch133322

DUT: N5005L

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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch133322 50%RB/Area Scan (3x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0713 W/kg

Ch133322 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
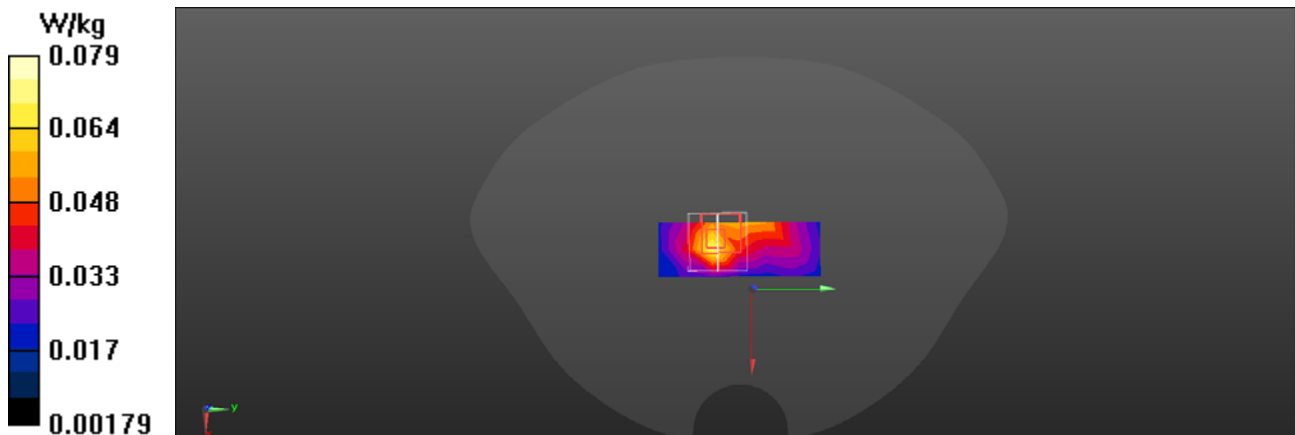Reference Value = 9.540 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.108 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.025 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 40.2%
Maximum value of SAR (measured) = 0.0791 W/kg

71_WLAN2.4G_802.11b 1Mbps_Body Hotspot Back(10mm)_Ch1

DUT: N5005L

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2412 MHz; σ = 1.754 S/m; ε_r = 39.229; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.57, 7.57, 7.57) @ 2412 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Configuration/Ch1/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.332 W/kg

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
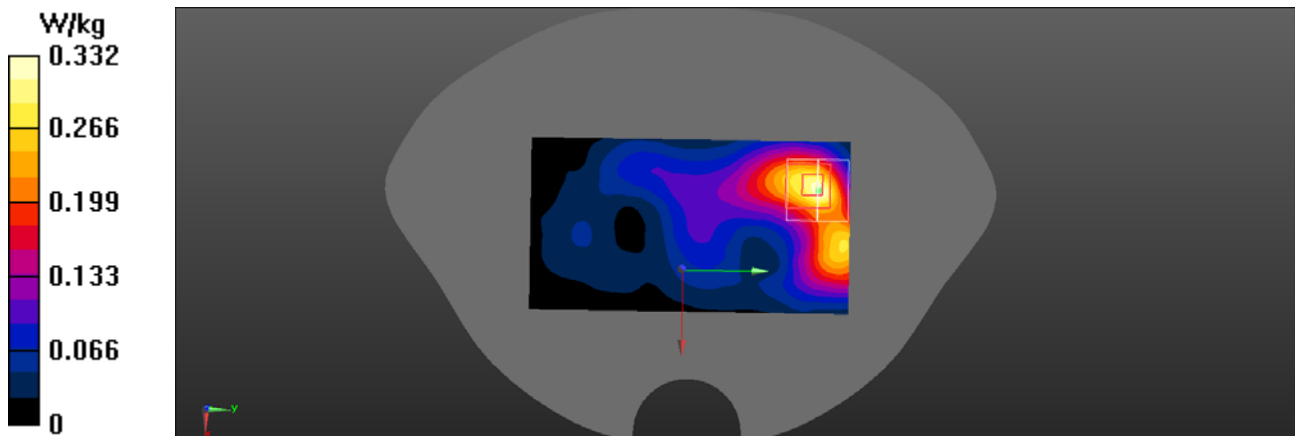Reference Value = 13.16 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.414 W/kg
SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.104 W/kg
Smallest distance from peaks to all points 3 dB below = 11.7 mm
Ratio of SAR at M2 to SAR at M1 = 45.8%
Maximum value of SAR (measured) = 0.325 W/kg

72_WLAN2.4G_802.11b 1Mbps_Body Hotspot Front(10mm)_Ch6

DUT: N5005L

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2412 MHz; σ = 1.754 S/m; ε_r = 39.229; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.57, 7.57, 7.57) @ 2412 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Configuration/Ch1/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.191 W/kg

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
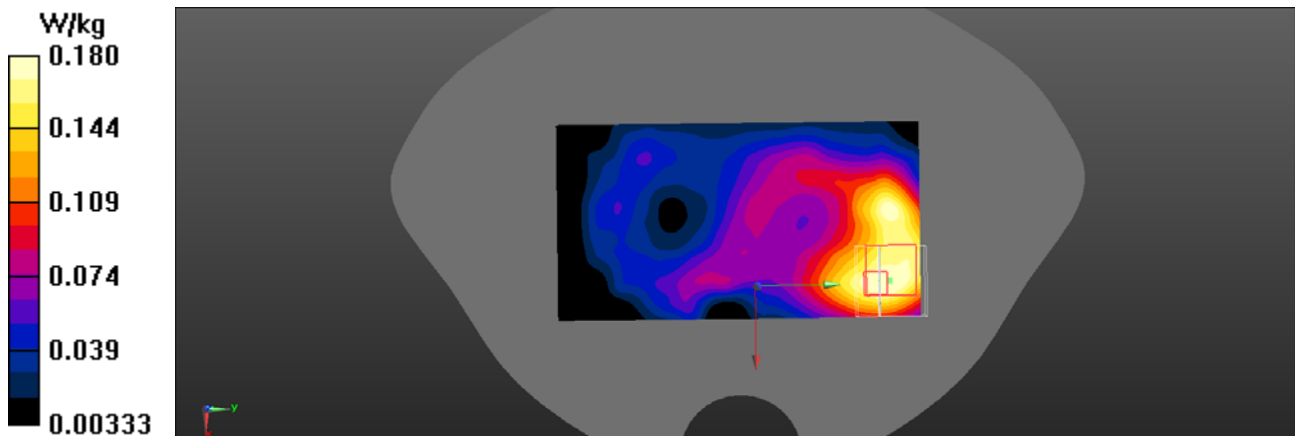Reference Value = 10.23 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.062 W/kg
Smallest distance from peaks to all points 3 dB below = 17.2 mm
Ratio of SAR at M2 to SAR at M1 = 48.9%
Maximum value of SAR (measured) = 0.180 W/kg

74_WLAN2.4G_802.11b 1Mbps_Body Hotspot Right(10mm)_Ch1

DUT: N5005L

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2412 MHz; σ = 1.754 S/m; ε_r = 39.229; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.57, 7.57, 7.57) @ 2412 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Configuration/Ch1/Area Scan (31x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.153 W/kg

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
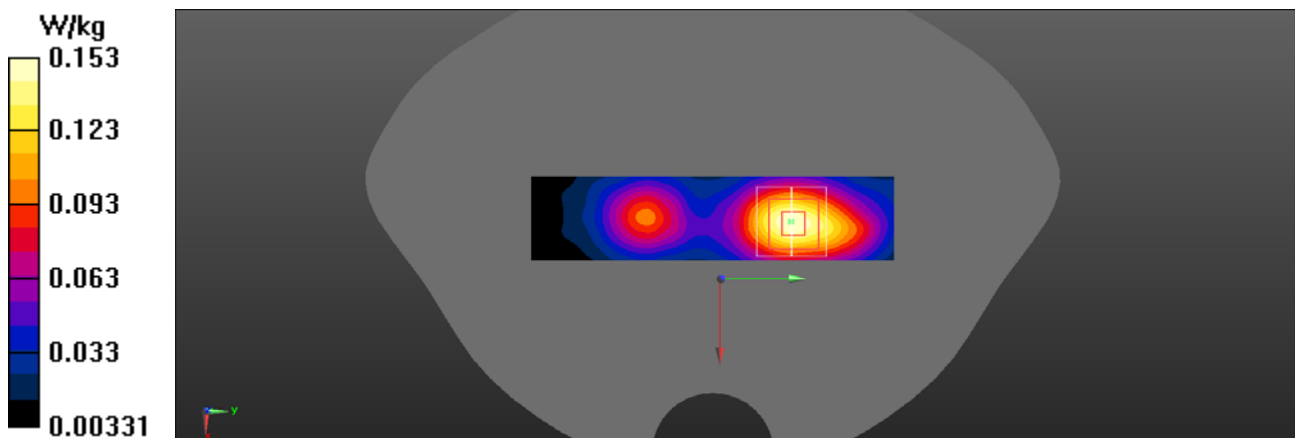Reference Value = 9.152 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.050 W/kg
Smallest distance from peaks to all points 3 dB below = 15.8 mm
Ratio of SAR at M2 to SAR at M1 = 49.7%
Maximum value of SAR (measured) = 0.153 W/kg

76_WLAN2.4G_802.11b 1Mbps_Body Hotspot Top(10mm)_Ch1

DUT: N5005L

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2412 MHz; σ = 1.754 S/m; ε_r = 39.229; ρ = 1000

kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(7.57, 7.57, 7.57) @ 2412 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Configuration/Ch1/Area Scan (31x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.337 W/kg

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
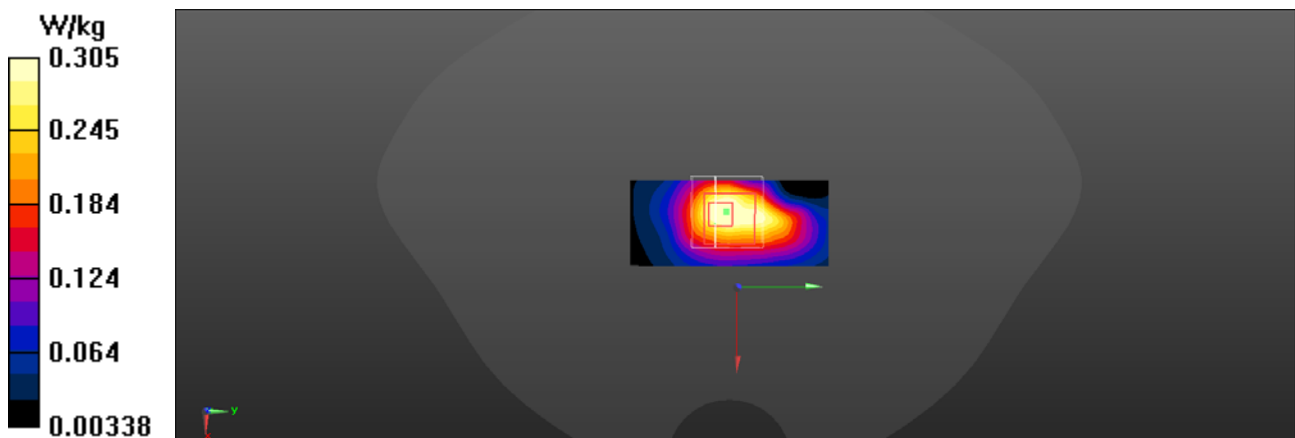Reference Value = 13.28 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.383 W/kg
SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.102 W/kg
Smallest distance from peaks to all points 3 dB below = 11 mm
Ratio of SAR at M2 to SAR at M1 = 50.4%
Maximum value of SAR (measured) = 0.305 W/kg

77_WLAN5G_802.11a 6Mbps_Body Hotspot Back(10mm)_Ch40

DUT: N5005L

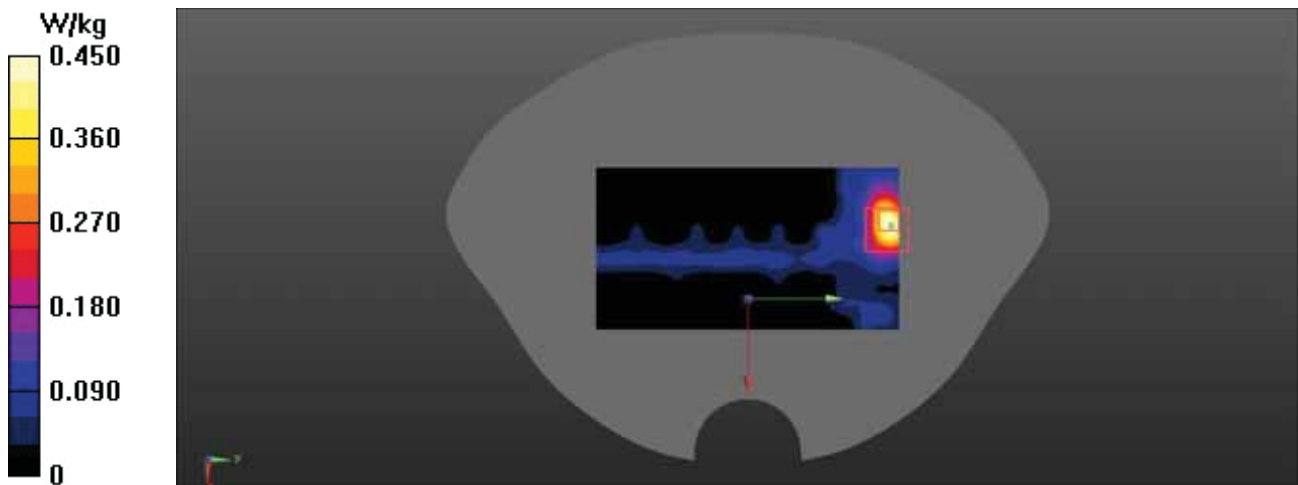Communication System: UID 0, WIFI (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL_5G Medium parameters used: f = 5200 MHz; σ = 4.645 S/m; $ε_r$ = 35.807; ρ = 1000

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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40/Area Scan (81x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.467 W/kg

Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.841 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.731 W/kg
SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.060 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 64.4%
Maximum value of SAR (measured) = 0.450 W/kg

78_WLAN5G_802.11a 6Mbps_Body Hotspot Front(10mm)_Ch40

DUT: N5005L

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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40/Area Scan (81x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0850 W/kg

Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
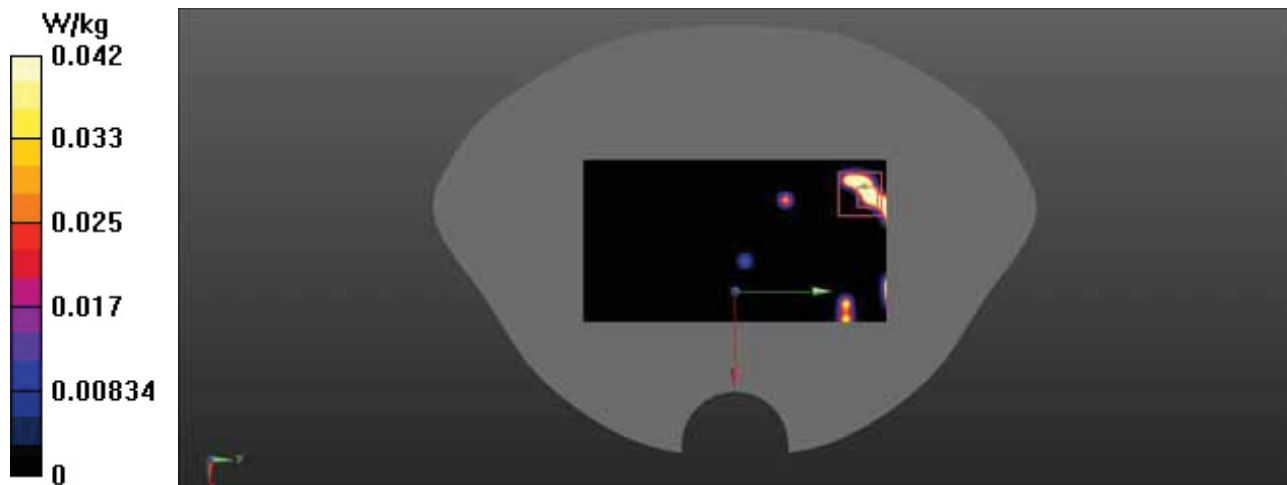Reference Value = 2.609 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.248 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00366 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 60.5%
Maximum value of SAR (measured) = 0.0417 W/kg

80_WLAN5G_802.11a 6Mbps_Body Hotspot Right(10mm)_Ch40

DUT: N5005L

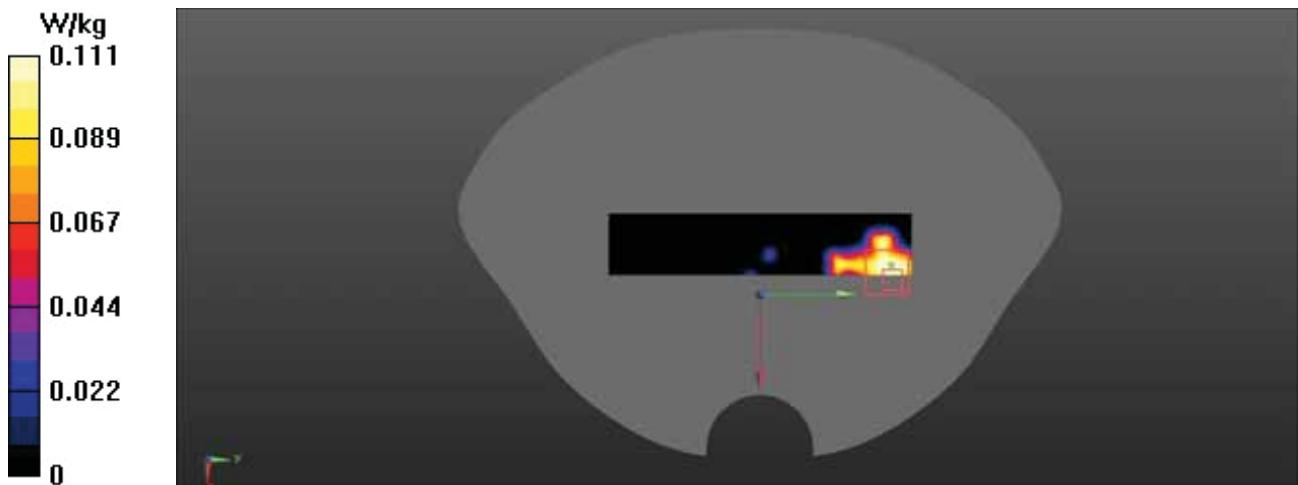Communication System: UID 0, WIFI (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL_5G Medium parameters used: f = 5200 MHz; σ = 4.645 S/m; ε_r = 35.807; ρ = 1000

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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40/Area Scan (31x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.129 W/kg

Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.491 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.275 W/kg
SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.014 W/kg
Smallest distance from peaks to all points 3 dB below = 12.6 mm
Ratio of SAR at M2 to SAR at M1 = 50%
Maximum value of SAR (measured) = 0.111 W/kg

81_WLAN5G_802.11a 6Mbps_Body Hotspot Top(10mm)_Ch40

DUT: N5005L

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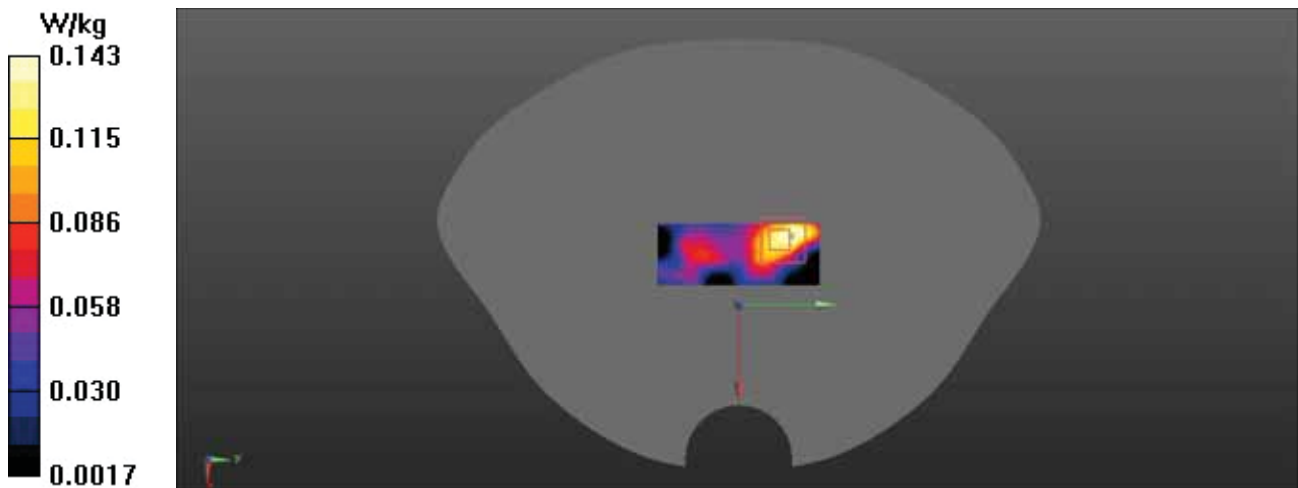Medium: HSL_5G Medium parameters used: f = 5200 MHz; σ = 4.645 S/m; ε_r = 35.807; ρ = 1000

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: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch40/Area Scan (31x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.157 W/kg

Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.489 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.019 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 51.6%
Maximum value of SAR (measured) = 0.143 W/kg

87_WLAN5G_802.11ac-VHT80 MCS0_Body Hotspot Back(10mm)_Ch42

DUT: N5005L

Communication System: UID 0, WIFI (0); Frequency: 5210 MHz;Duty Cycle: 1:1

Medium: HSL_5G Medium parameters used: f = 5210 MHz; σ = 4.648 S/m; ε_r = 35.738; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7520; ConvF(5.61, 5.61, 5.61) @ 5210 MHz; Calibrated: 11/16/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 11/23/2020
- Phantom: Twin-SAM V8.0 (20deg probe tilt)-Right; Type: QD 000 P40 CB; Serial: 1368
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Ch42/Area Scan (81x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.346 W/kg

Ch42/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.575 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.590 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.045 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 63.7%
Maximum value of SAR (measured) = 0.367 W/kg