

23-6_LTE FDD Band 4_20M_QPSK_50%RB_0Offset_Body Hotspot Back(10mm)_Ch20300

DUT: N5005L

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

Medium: HSL1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.343$ S/m; $\epsilon_r = 40.141$; $\rho = 1000$ kg/m³

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)

20300 50%RB/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.908 W/kg

20300 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.15 V/m; Power Drift = 0.00 dB

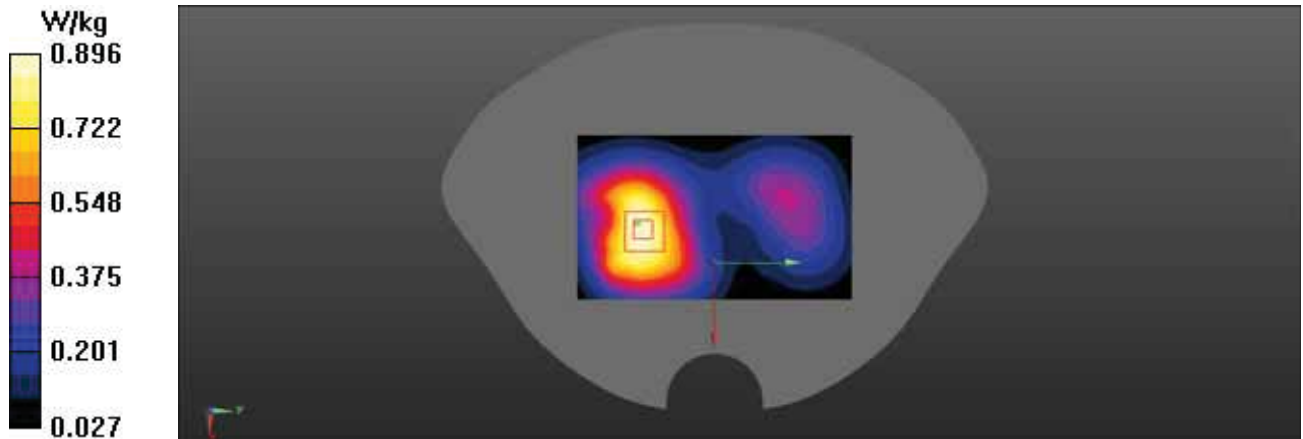
Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.415 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 = 62.5%

Maximum value of SAR (measured) = 0.896 W/kg



24-3_LTE FDD Band 4_20M_QPSK_1RB_0Offset_Body Hotspot Front(10mm)_Ch20050

DUT: N5005L

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

Medium: HSL1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.329$ S/m; $\epsilon_r = 40.198$; $\rho = 1000$ kg/m³

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)

Ch20050/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.46 W/kg

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.03 V/m; Power Drift = 0.02 dB

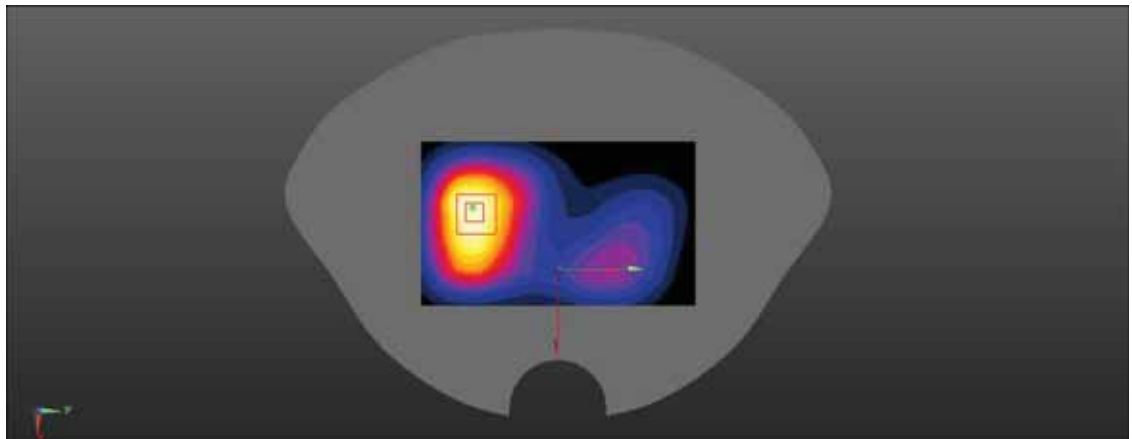
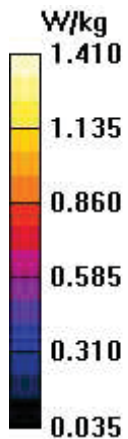
Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.657 W/kg

Smallest distance from peaks to all points 3 dB below = 22.7 mm

Ratio of SAR at M2 to SAR at M1 = 62.9%

Maximum value of SAR (measured) = 1.41 W/kg



24_LTE FDD Band 4_20M_QPSK_1RB_0Offset_Body Hotspot Front(10mm)_Ch20175

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.337$ S/m; $\epsilon_r = 40.171$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1732.5 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)

Ch20175/Area Scan (61x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.07 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.36 V/m; Power Drift = 0.00 dB

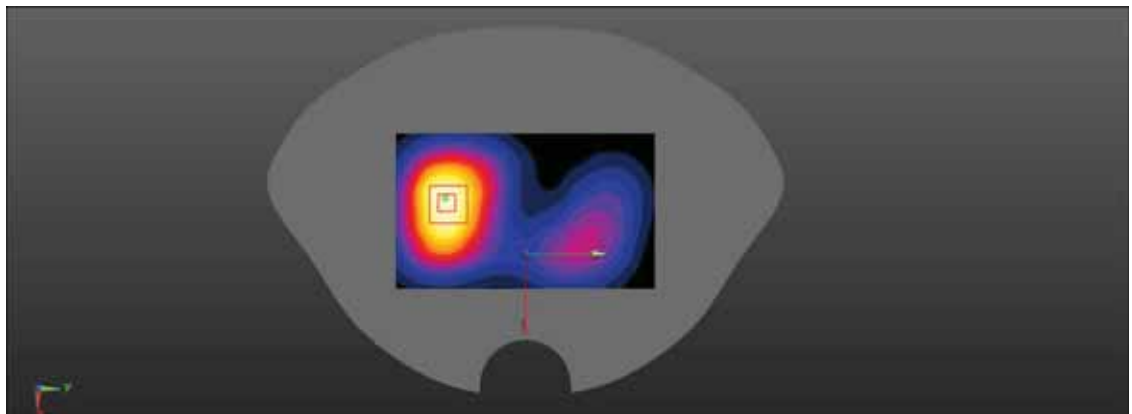
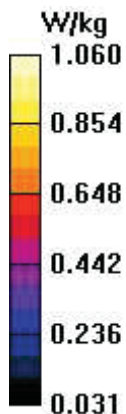
Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.492 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 = 62.4%

Maximum value of SAR (measured) = 1.06 W/kg



24-4_LTE FDD Band 4_20M_QPSK_1RB_0Offset_Body Hotspot Front(10mm)_Ch20300

DUT: N5005L

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

Medium: HSL1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.343$ S/m; $\epsilon_r = 40.141$; $\rho = 1000$ kg/m³

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)

Ch20300/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.39 W/kg

Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.04 V/m; Power Drift = 0.00 dB

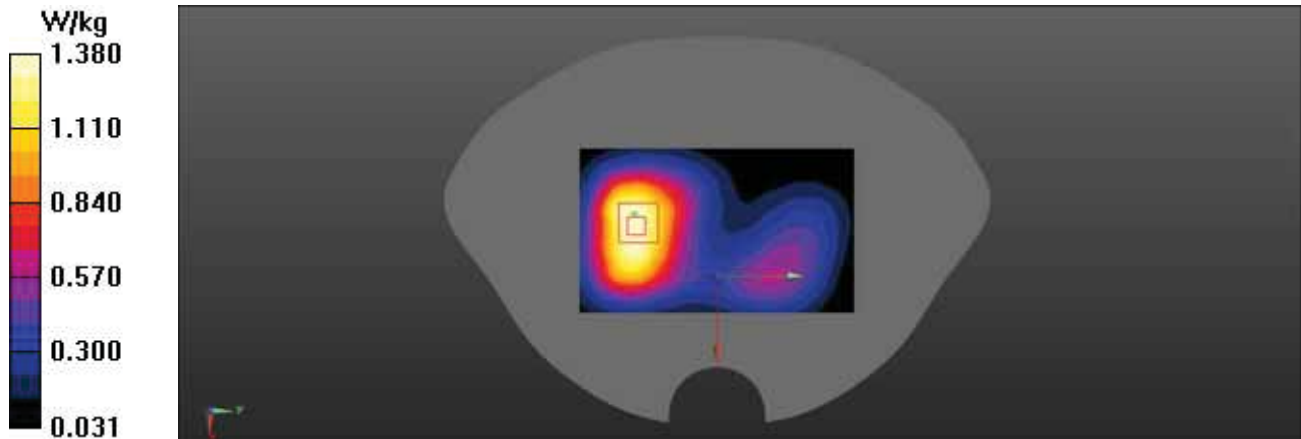
Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.639 W/kg

Smallest distance from peaks to all points 3 dB below = 27.5 mm

Ratio of SAR at M2 to SAR at M1 = 62.7%

Maximum value of SAR (measured) = 1.38 W/kg



24-5_LTE FDD Band 4_20M_QPSK_50%RB_0Offset_Body Hotspot Front(10mm)_Ch20050

DUT: N5005L

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

Medium: HSL1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.329$ S/m; $\epsilon_r = 40.198$; $\rho = 1000$ kg/m³

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)

Ch20050 50%RB/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Ch20050 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.08 V/m; Power Drift = 0.01 dB

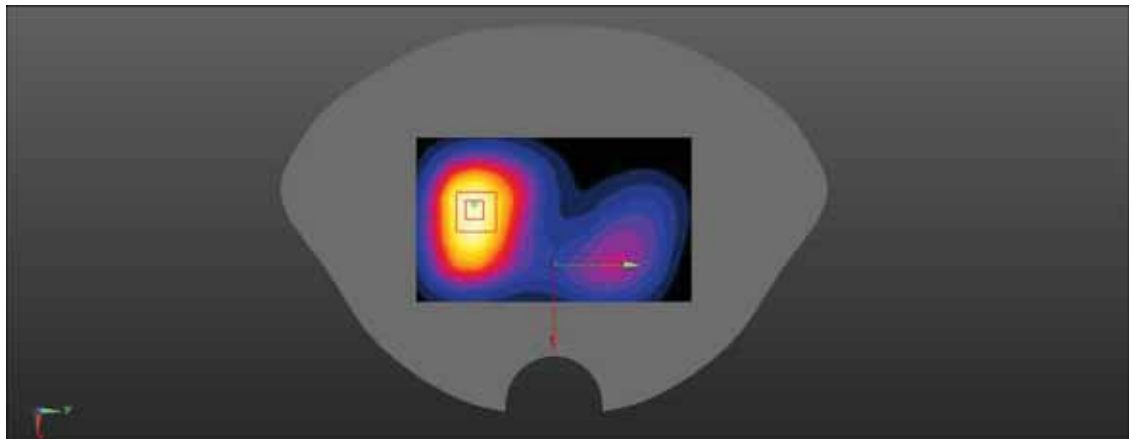
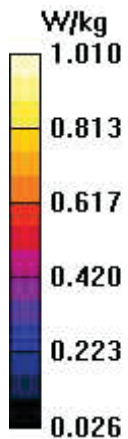
Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.473 W/kg

Smallest distance from peaks to all points 3 dB below = 24 mm

Ratio of SAR at M2 to SAR at M1 = 62.8%

Maximum value of SAR (measured) = 1.01 W/kg



24-2_LTE FDD Band 4_20M_QPSK_50%RB_0Offset_Body Hotspot Front(10mm)_Ch20175

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.337$ S/m; $\epsilon_r = 40.171$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1732.5 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)

Ch20175 50%RB/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.876 W/kg

Ch20175 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.62 V/m; Power Drift = -0.01 dB

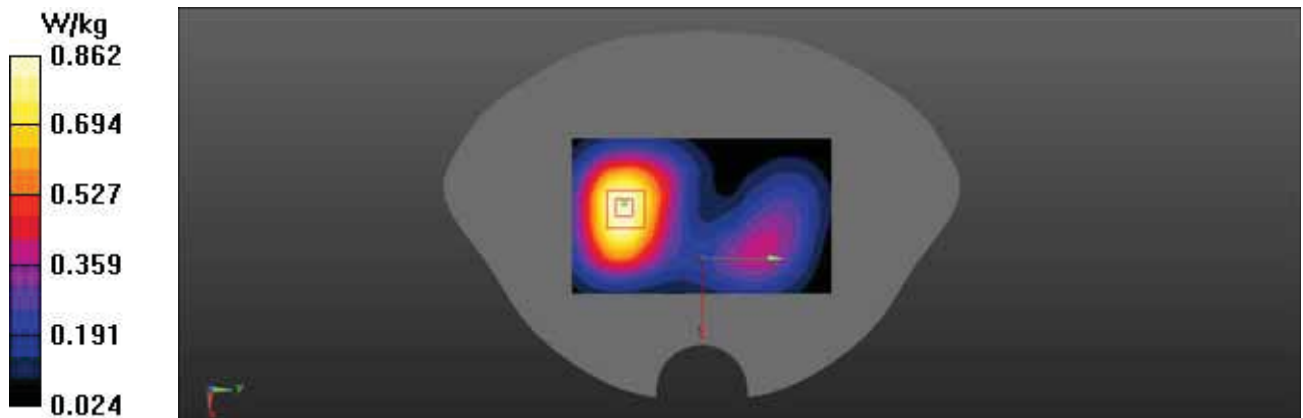
Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.403 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 = 62.7%

Maximum value of SAR (measured) = 0.862 W/kg



24-6_LTE FDD Band 4_20M_QPSK_50%RB_0Offset_Body Hotspot Front(10mm)_Ch20300

DUT: N5005L

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

Medium: HSL1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.343$ S/m; $\epsilon_r = 40.141$; $\rho = 1000$ kg/m³

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)

Ch20300 50%RB/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.955 W/kg

Ch20300 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.70 V/m; Power Drift = -0.02 dB

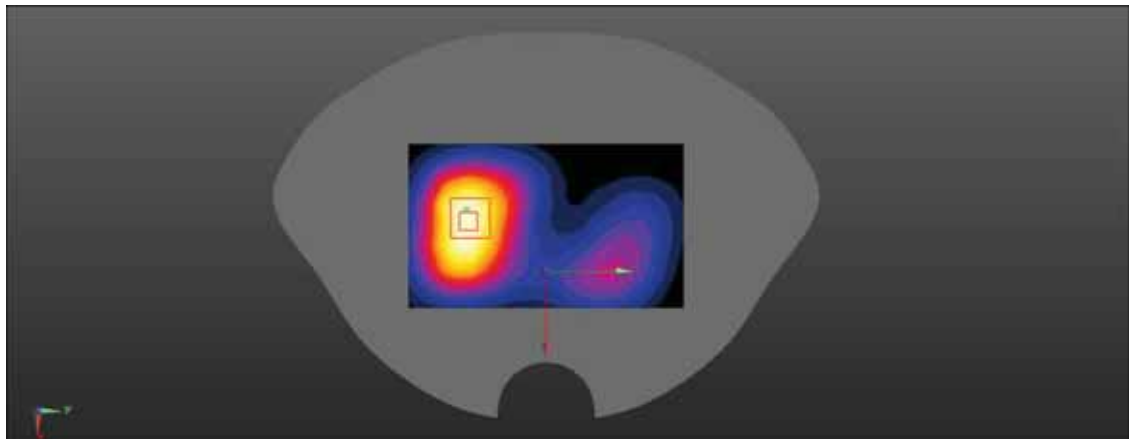
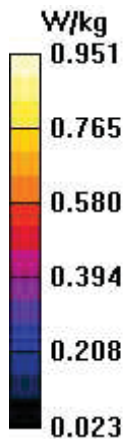
Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.441 W/kg

Smallest distance from peaks to all points 3 dB below = 28.8 mm

Ratio of SAR at M2 to SAR at M1 = 62.6%

Maximum value of SAR (measured) = 0.951 W/kg



25_LTE FDD Band 4_20M_QPSK_1RB_0Offset_Body Hotspot Left(10mm)_Ch20175

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.337$ S/m; $\epsilon_r = 40.171$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1732.5 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)

Ch20175/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.592 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.14 V/m; Power Drift = 0.01 dB

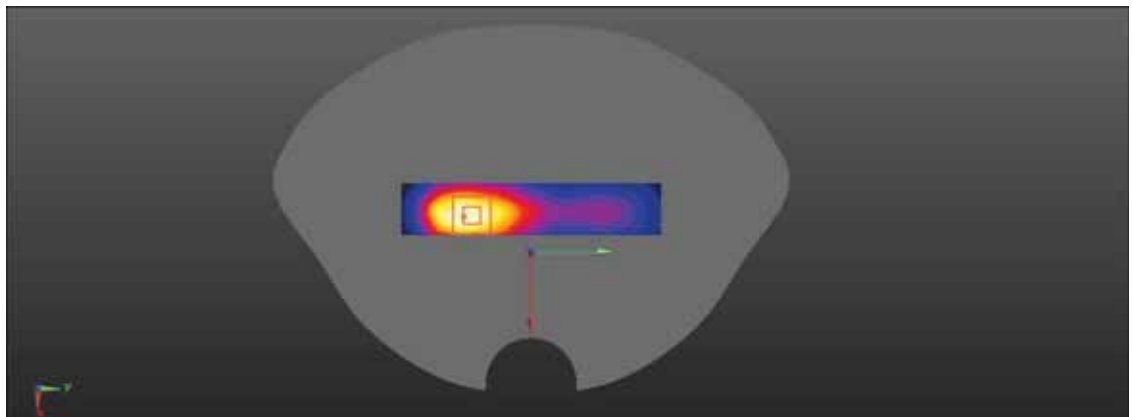
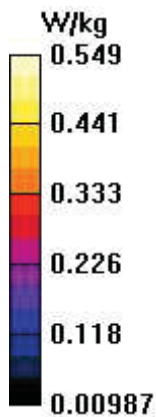
Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.228 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 57.9%

Maximum value of SAR (measured) = 0.549 W/kg



25-2_LTE FDD Band 4_20M_QPSK_50%RB_0Offset_Body Hotspot Left(10mm)_Ch20175

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.337$ S/m; $\epsilon_r = 40.171$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1732.5 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)

Ch20175 50%RB/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.491 W/kg

Ch20175 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.27 V/m; Power Drift = -0.03 dB

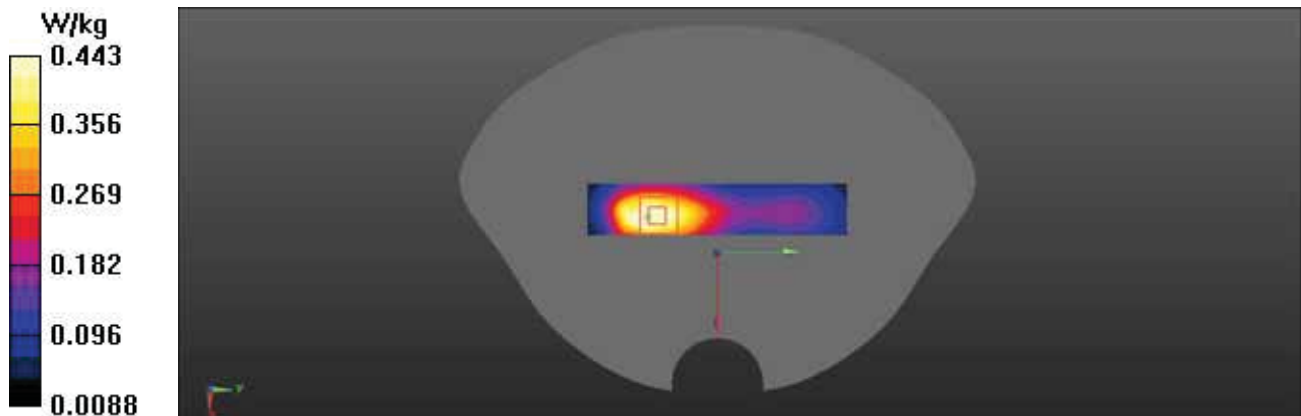
Peak SAR (extrapolated) = 0.523 W/kg

SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.185 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 58.3%

Maximum value of SAR (measured) = 0.443 W/kg



26_LTE FDD Band 4_20M_QPSK_1RB_0Offset_Body Hotspot Right(10mm)_Ch20175

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.337$ S/m; $\epsilon_r = 40.171$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1732.5 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)

Ch20175/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.414 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.70 V/m; Power Drift = -0.03 dB

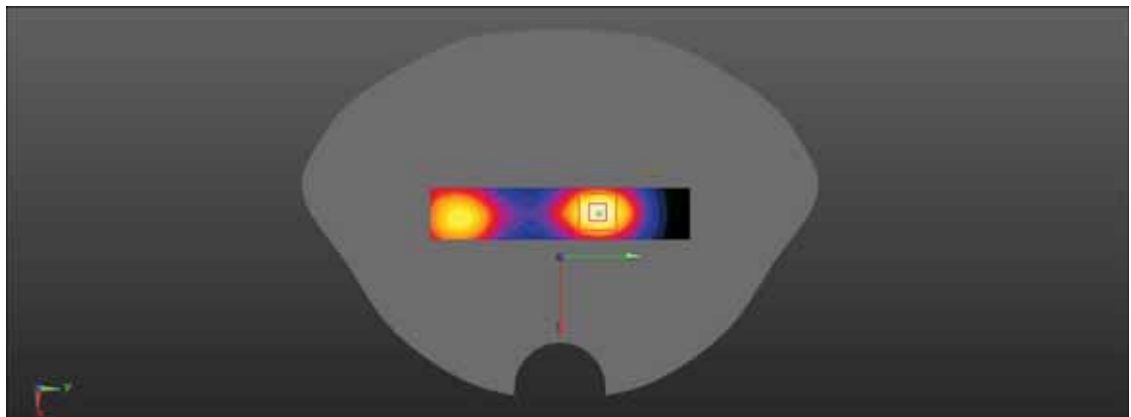
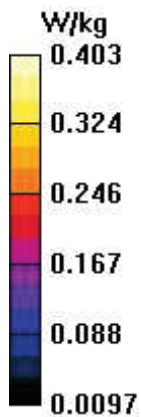
Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.167 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 59.4%

Maximum value of SAR (measured) = 0.403 W/kg



26-2_LTE FDD Band 4_20M_QPSK_50%RB_0Offset_Body Hotspot Right(10mm)_Ch20175

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.337$ S/m; $\epsilon_r = 40.171$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1732.5 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)

Ch20175 50%RB/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.352 W/kg

Ch20175 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.18 V/m; Power Drift = 0.01 dB

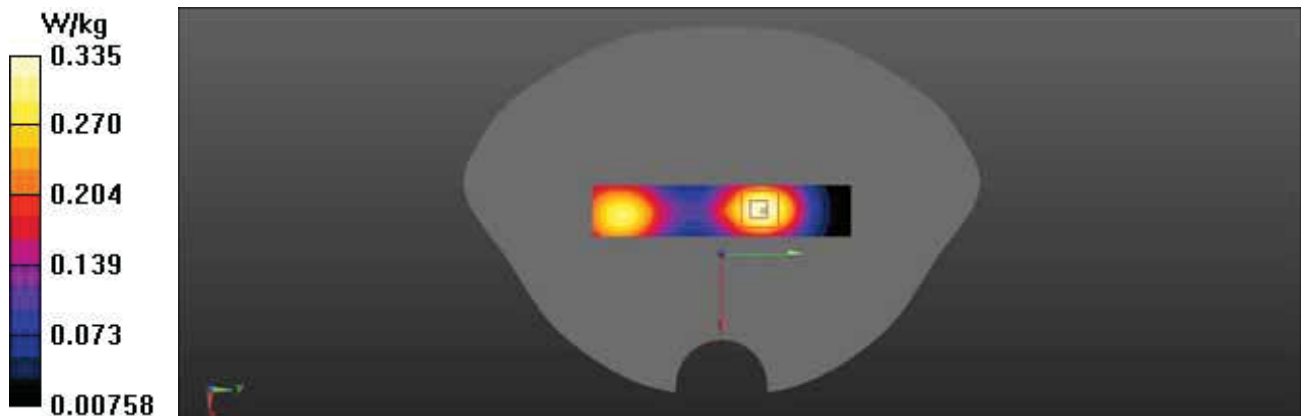
Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.141 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 60.2%

Maximum value of SAR (measured) = 0.335 W/kg



27_LTE FDD Band 4_20M_QPSK_1RB_0Offset_Body Hotspot Bottom(10mm)_Ch20175

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.337$ S/m; $\epsilon_r = 40.171$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1732.5 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)

Ch20175/Area Scan (21x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.662 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.52 V/m; Power Drift = -0.00 dB

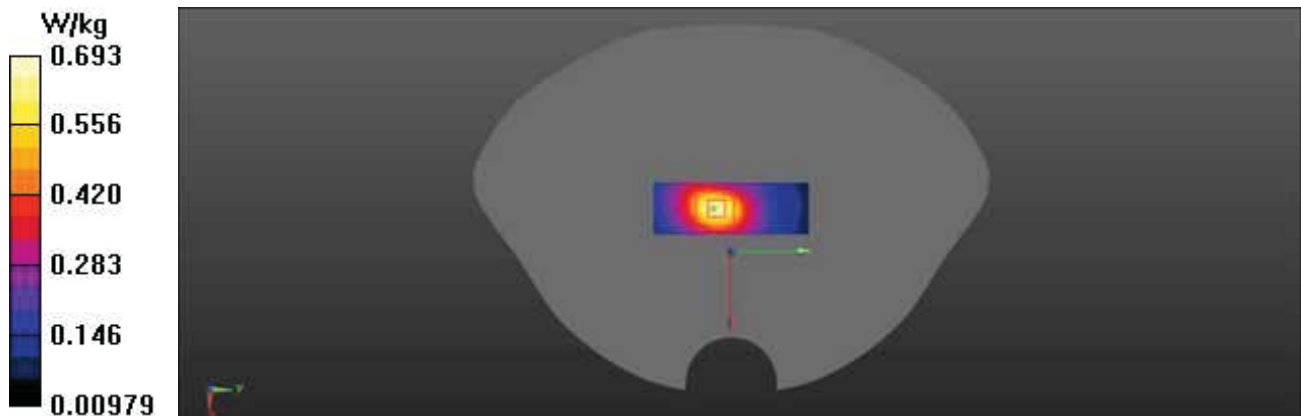
Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.260 W/kg

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 58.6%

Maximum value of SAR (measured) = 0.693 W/kg



27-2_LTE FDD Band 4_20M_QPSK_50%RB_0Offset_Body Hotspot Bottom(10mm)_Ch20175

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL1750 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.337$ S/m; $\epsilon_r = 40.171$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.66, 8.66, 8.66) @ 1732.5 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)

Ch20175 50%RB/Area Scan (21x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.558 W/kg

Ch20175 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.68 V/m; Power Drift = 0.00 dB

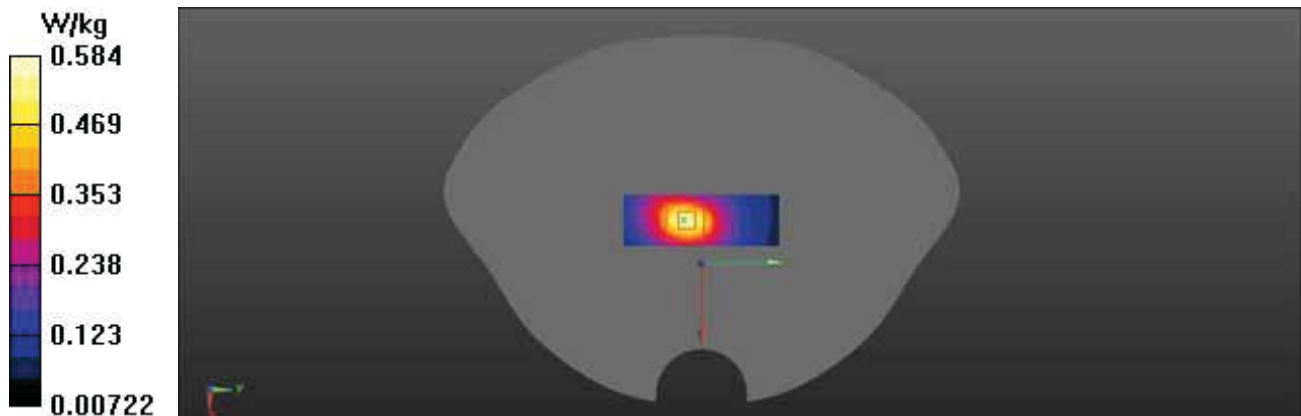
Peak SAR (extrapolated) = 0.682 W/kg

SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.217 W/kg

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 58.4%

Maximum value of SAR (measured) = 0.584 W/kg



28_LTE FDD Band 5_10M_QPSK_1RB_0Offset_Body Hotspot Back(10mm)_Ch20525

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 40.106$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 836.5 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)

Ch20525/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.566 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.34 V/m; Power Drift = -0.07 dB

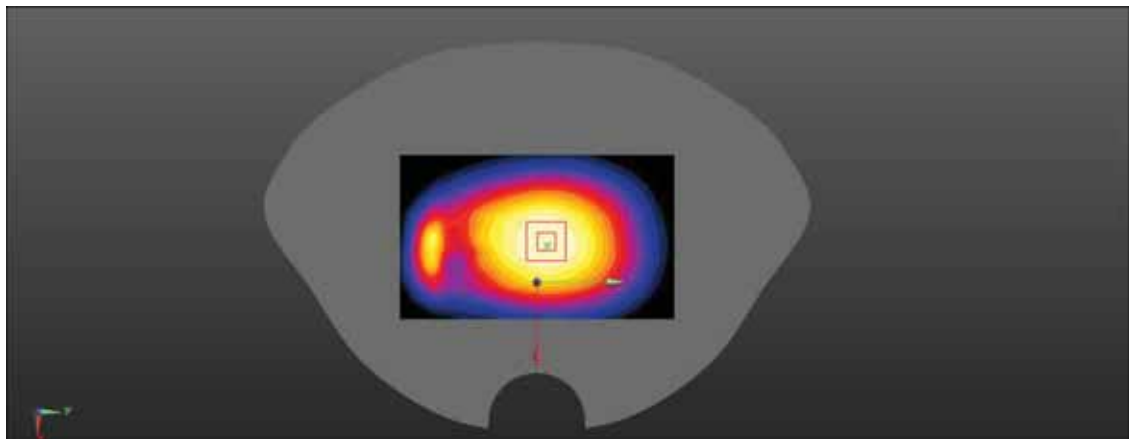
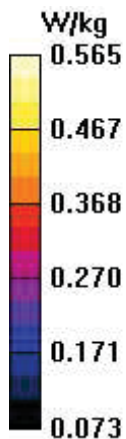
Peak SAR (extrapolated) = 0.627 W/kg

SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.341 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 = 73.5%

Maximum value of SAR (measured) = 0.565 W/kg



28-2_LTE FDD Band 5_10M_QPSK_50%RB_0Offset_Body Hotspot Back(10mm)_Ch20600

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.921 \text{ S/m}$; $\epsilon_r = 40.062$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 844 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)

Ch20600 50%RB/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.514 W/kg

Ch20600 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.75 V/m ; Power Drift = -0.01 dB

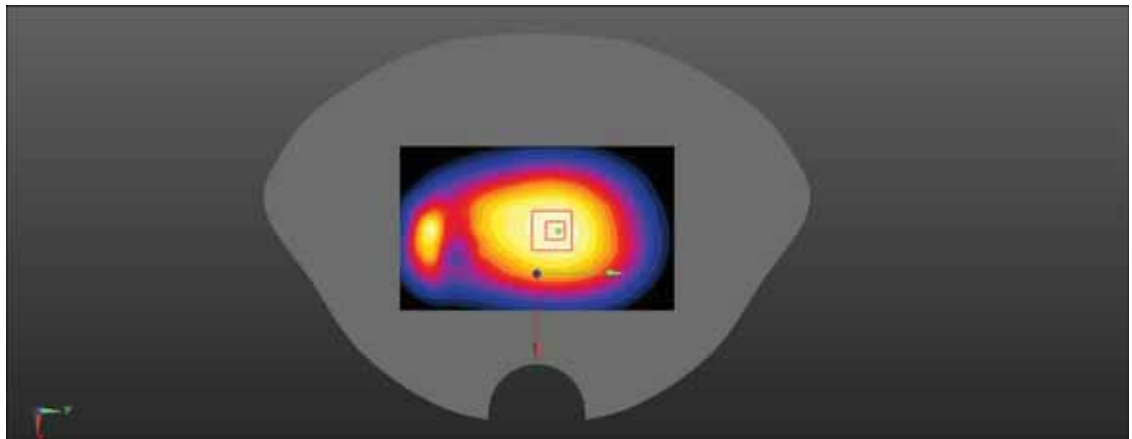
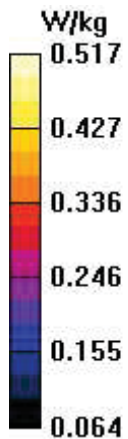
Peak SAR (extrapolated) = 0.573 W/kg

SAR(1 g) = 0.417 W/kg ; SAR(10 g) = 0.310 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 = 72.6%

Maximum value of SAR (measured) = 0.517 W/kg



29_LTE FDD Band 5_10M_QPSK_1RB_0Offset_Body Hotspot Front(10mm)_Ch20525

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 40.106$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 836.5 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)

Ch20525/Area Scan (61x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.525 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.21 V/m; Power Drift = 0.02 dB

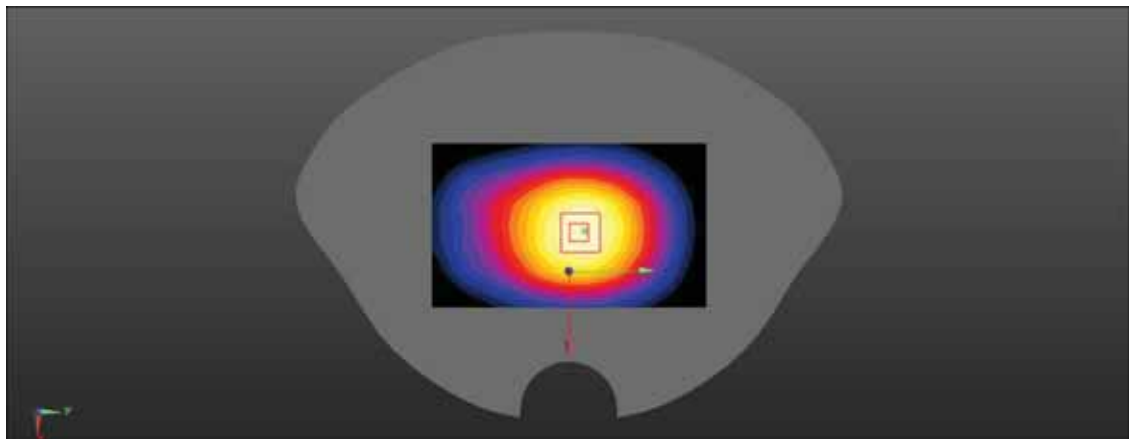
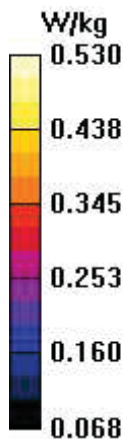
Peak SAR (extrapolated) = 0.588 W/kg

SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.320 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 = 73.2%

Maximum value of SAR (measured) = 0.530 W/kg



29-2_LTE FDD Band 5_10M_QPSK_50%RB_0Offset_Body Hotspot Front(10mm)_Ch20525

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 40.106$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 836.5 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)

Ch20525 50%RB/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.452 W/kg

Ch20525 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.79 V/m; Power Drift = 0.03 dB

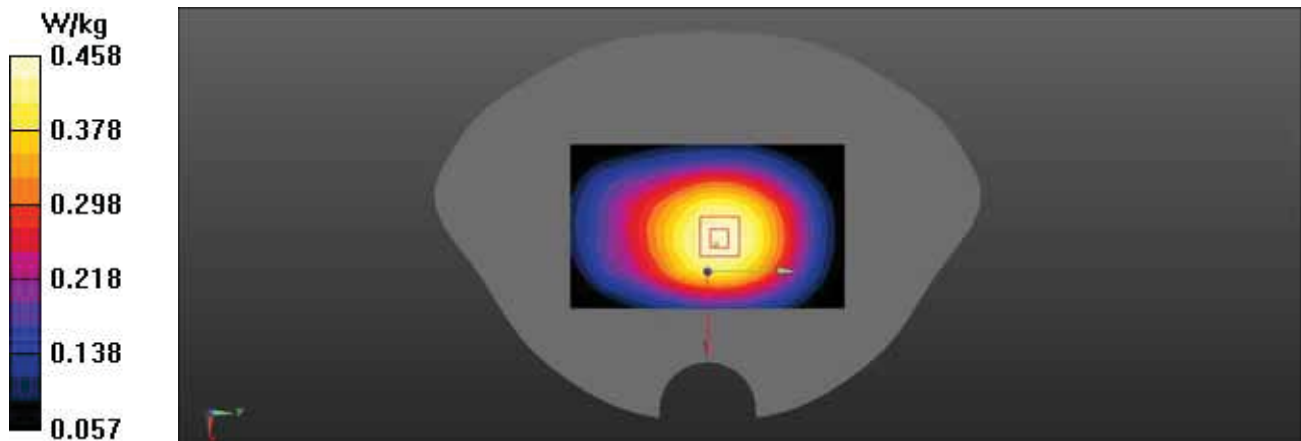
Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.276 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 = 73.3%

Maximum value of SAR (measured) = 0.458 W/kg



30_LTE FDD Band 5_10M_QPSK_1RB_0Offset_Body Hotspot Left(10mm)_Ch20525

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 40.106$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 836.5 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)

Ch20525/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.496 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.83 V/m; Power Drift = 0.02 dB

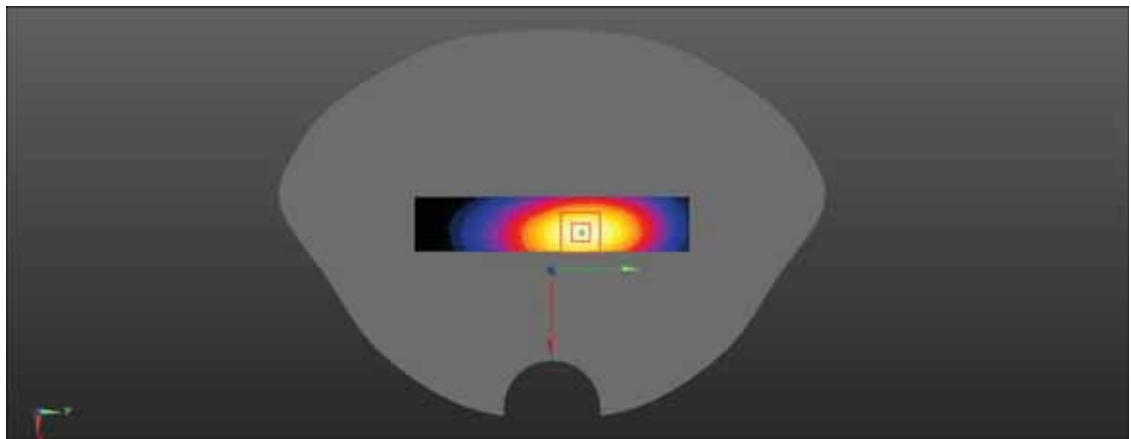
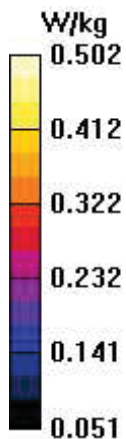
Peak SAR (extrapolated) = 0.575 W/kg

SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.259 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 = 66.4%

Maximum value of SAR (measured) = 0.502 W/kg



30-2_LTE FDD Band 5_10M_QPSK_50%RB_0Offset_Body Hotspot Left(10mm)_Ch20525

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 40.106$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 836.5 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)

Ch20525 50%RB/Area Scan (21x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.385 W/kg

Ch20525 50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.20 V/m; Power Drift = 0.01 dB

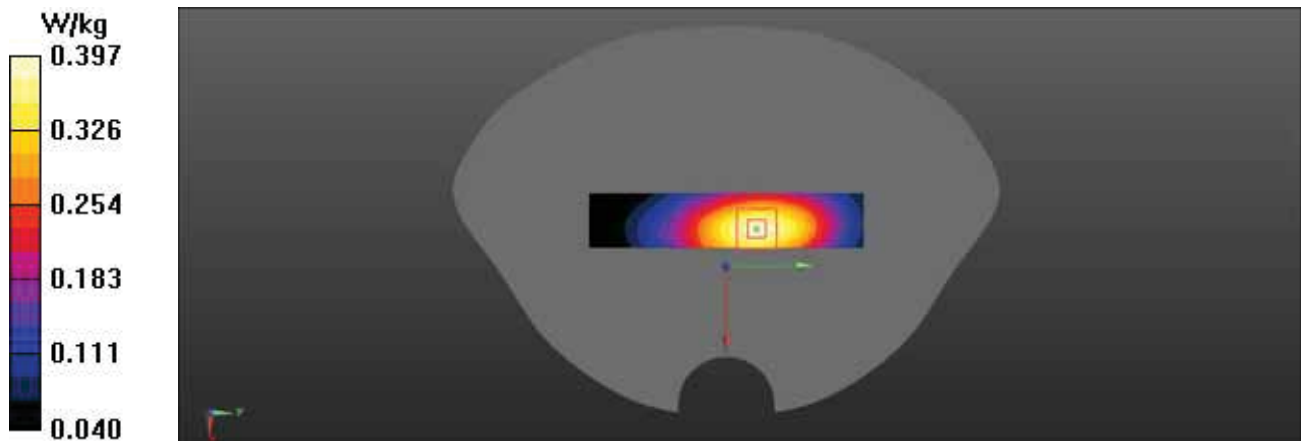
Peak SAR (extrapolated) = 0.455 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.205 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 = 66.6%

Maximum value of SAR (measured) = 0.397 W/kg



31_LTE FDD Band 5_10M_QPSK_1RB_0Offset_Body Hotspot Right(10mm)_Ch20525

DUT: N5005L

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 40.106$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.55, 9.55, 9.55) @ 836.5 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)

Ch20525/Area Scan (21x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.612 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.69 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.321 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) = 0.623 W/kg

