

Appendix B. SAR Plots of SAR Measurement

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

P01 WCDMA II_RMC12.2K_Top Side_0mm_Ch9262_Main0_P-Sensor_w**DUT: BEDV-WTW-P20121079**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1852.4

MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0323 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.414$

S/m; $\epsilon_r = 39.862$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.22, 8.22, 8.22) @ 1852.4 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x241x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.746 W/kg

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

Reference Value = 20.18 V/m; Power Drift = 0.01 dB

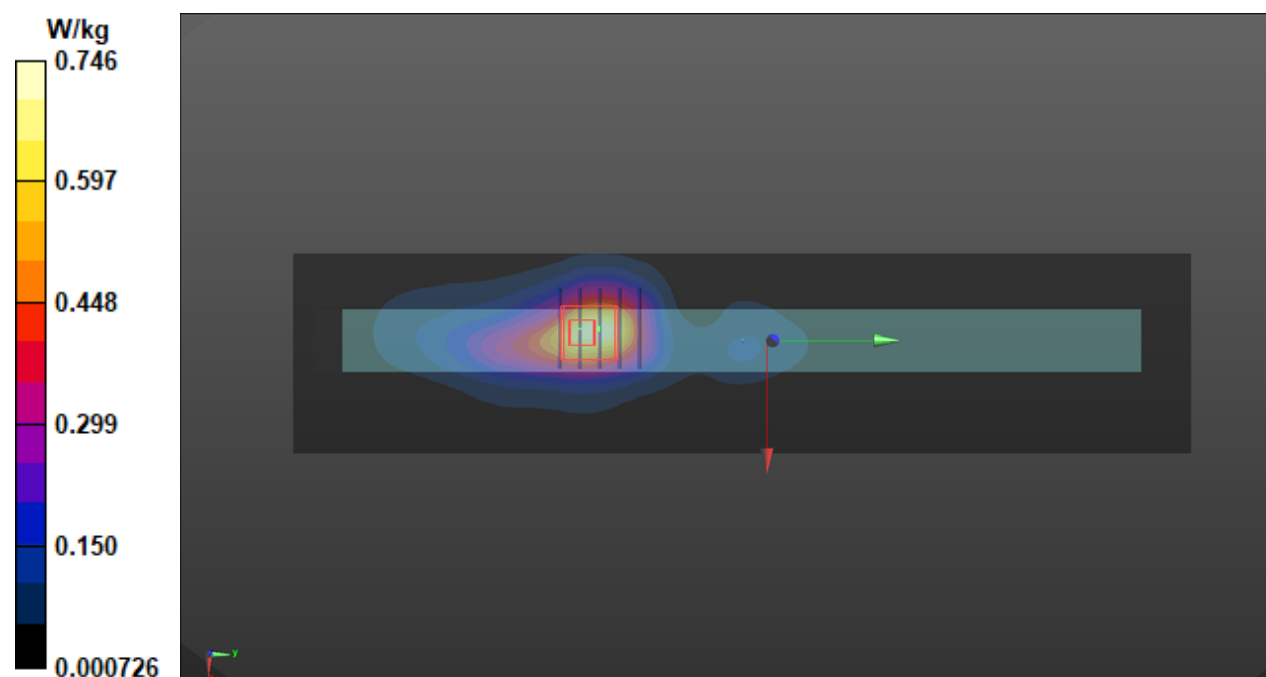
Peak SAR (extrapolated) = 0.944 W/kg

SAR(1 g) = 0.491 W/kg; SAR(10 g) = 0.280 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 51.9%

Maximum value of SAR (measured) = 0.752 W/kg



P02 WCDMA IV_RMC12.2K_Top Side_15mm_Ch1413_Main0_P-Sensor_w_o**DUT: BEDV-WTW-P20121079**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1732.6

MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0323 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.304$ S/m; $\epsilon_r = 40.327$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.61, 8.61, 8.61) @ 1732.6 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x241x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

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

Reference Value = 25.14 V/m; Power Drift = -0.05 dB

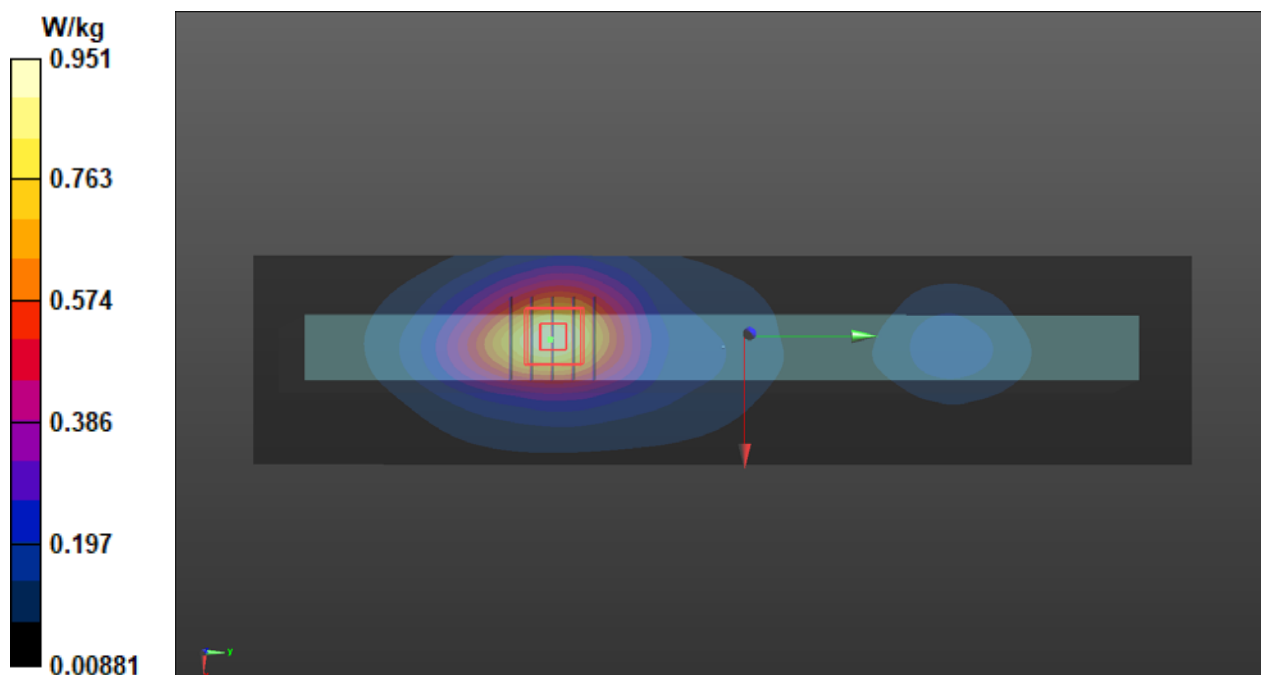
Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.415 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 16.1 mm

Ratio of SAR at M2 to SAR at M1 = 58.1%

Maximum value of SAR (measured) = 0.968 W/kg



P03 WCDMA V_RMC12.2K_Top Side_15mm_Ch4223_Main0_P-Sensor_w_o**DUT: BEDV-WTW-P20121079**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 846.6 MHz; Duty Cycle: 1:1.95

Medium: H07T10N1_0323 Medium parameters used: $f = 847$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 41.26$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.82, 9.82, 9.82) @ 846.6 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x241x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.771 W/kg

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

Reference Value = 26.48 V/m; Power Drift = -0.03 dB

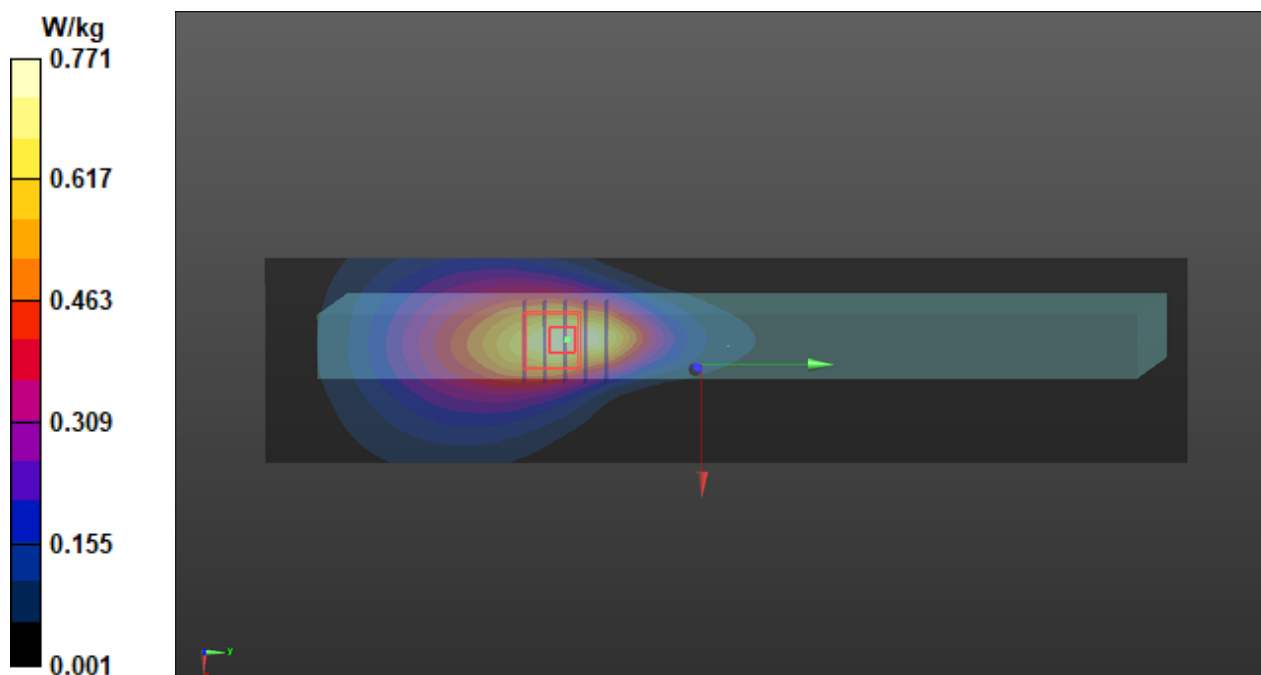
Peak SAR (extrapolated) = 0.914 W/kg

SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.350 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 15.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.5%

Maximum value of SAR (measured) = 0.772 W/kg



**P04 LTE 2_QPSK20M_Top Side_15mm_Ch18700_1RB_OS0_Main0
_P-Sensor_w_o****DUT: BEDV-WTW-P20121079**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1860 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0323 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.421$ S/m; $\epsilon_r = 39.839$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.22, 8.22, 8.22) @ 1860 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x241x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.809 W/kg

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

Reference Value = 22.32 V/m; Power Drift = -0.02 dB

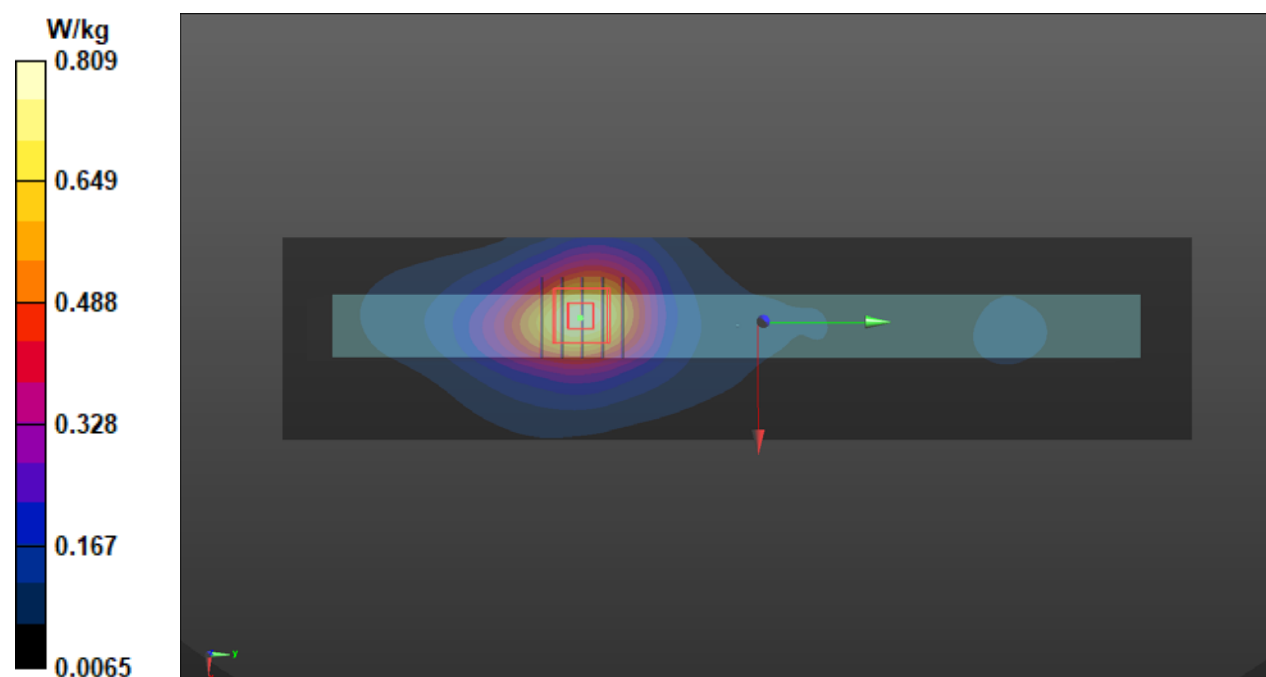
Peak SAR (extrapolated) = 0.983 W/kg

SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.333 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 18.7 mm

Ratio of SAR at M2 to SAR at M1 = 56.7%

Maximum value of SAR (measured) = 0.810 W/kg



P05 LTE 2_QPSK20M_Rear Face_11mm_Ch18700_1RB_OS0_MIMO2_P-Sensor_w_o**DUT: BEDV-WTW-P20121079**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1860 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0319 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.417$ S/m; $\epsilon_r = 38.564$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.42, 8.42, 8.42) @ 1860 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x241x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.521 W/kg

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

Reference Value = 19.52 V/m; Power Drift = 0.08 dB

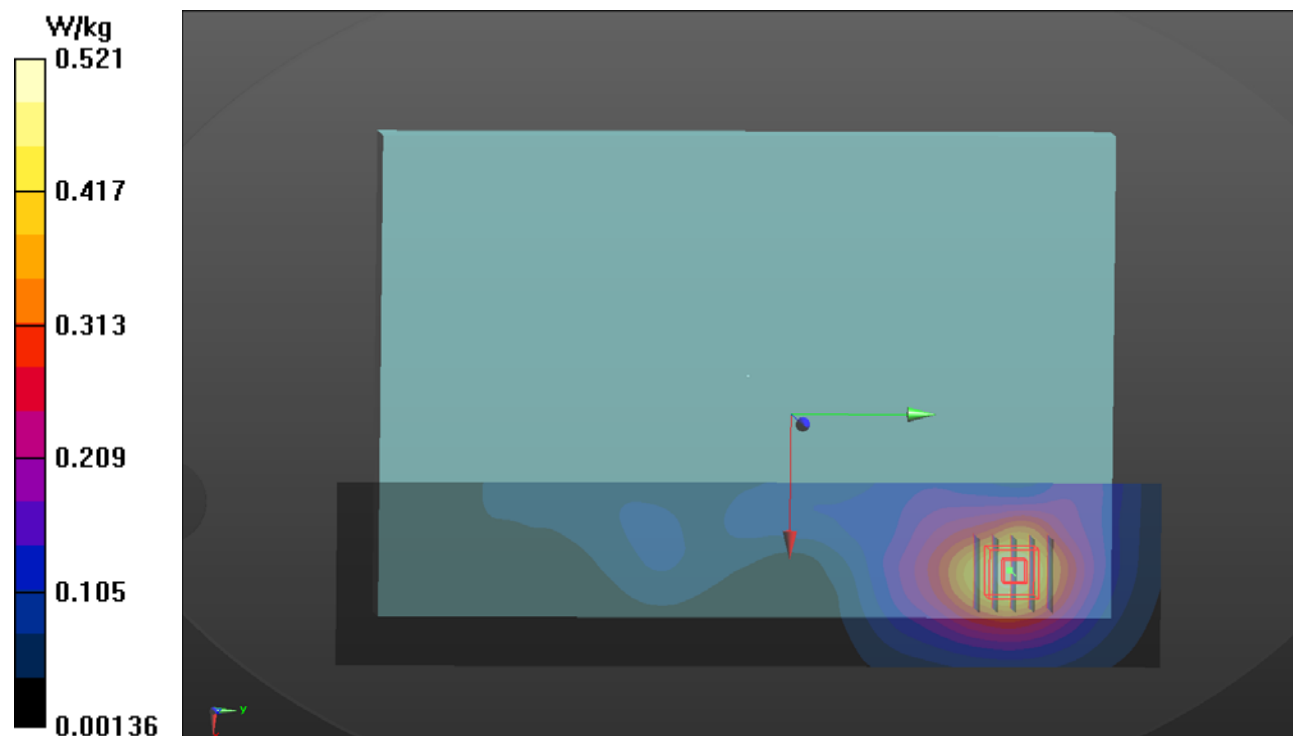
Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.247 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 58%

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



**P06 LTE 4_QPSK20M_Top Side_15mm_Ch20175_1RB_OS0_Main0
_P-Sensor_w_o****DUT: BEDV-WTW-P20121079**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1732.5 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0323 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.304$ S/m; $\epsilon_r = 40.327$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.61, 8.61, 8.61) @ 1732.5 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.942 W/kg

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

Reference Value = 25.10 V/m; Power Drift = -0.04 dB

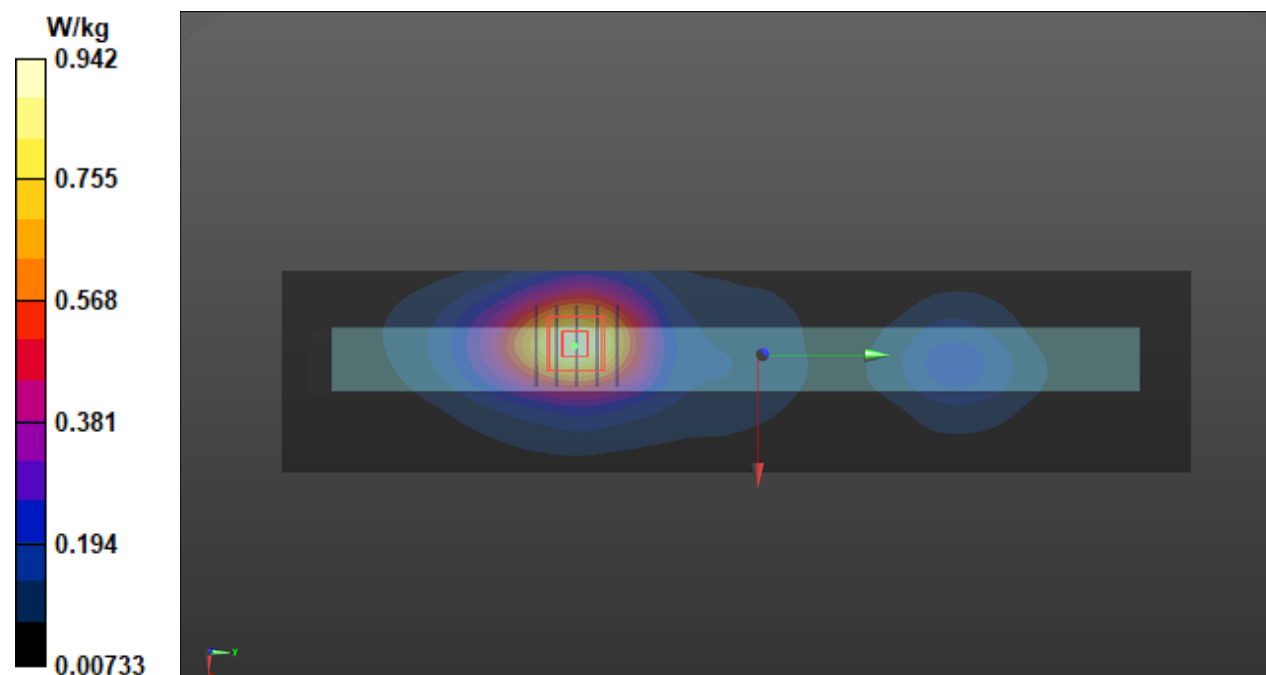
Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.412 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 17.6 mm

Ratio of SAR at M2 to SAR at M1 = 58.1%

Maximum value of SAR (measured) = 0.961 W/kg



P07 LTE 5_QPSK10M_Rear Face_11mm_Ch20600_1RB_OS0_Main0_P-Sensor_w_o**DUT: BEDV-WTW-P20121079**

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 844 MHz; Duty Cycle: 1:3.74

Medium: H07T10N1_0323 Medium parameters used: $f = 844$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 41.294$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.82, 9.82, 9.82) @ 844 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x241x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.699 W/kg

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

Reference Value = 26.88 V/m; Power Drift = -0.02 dB

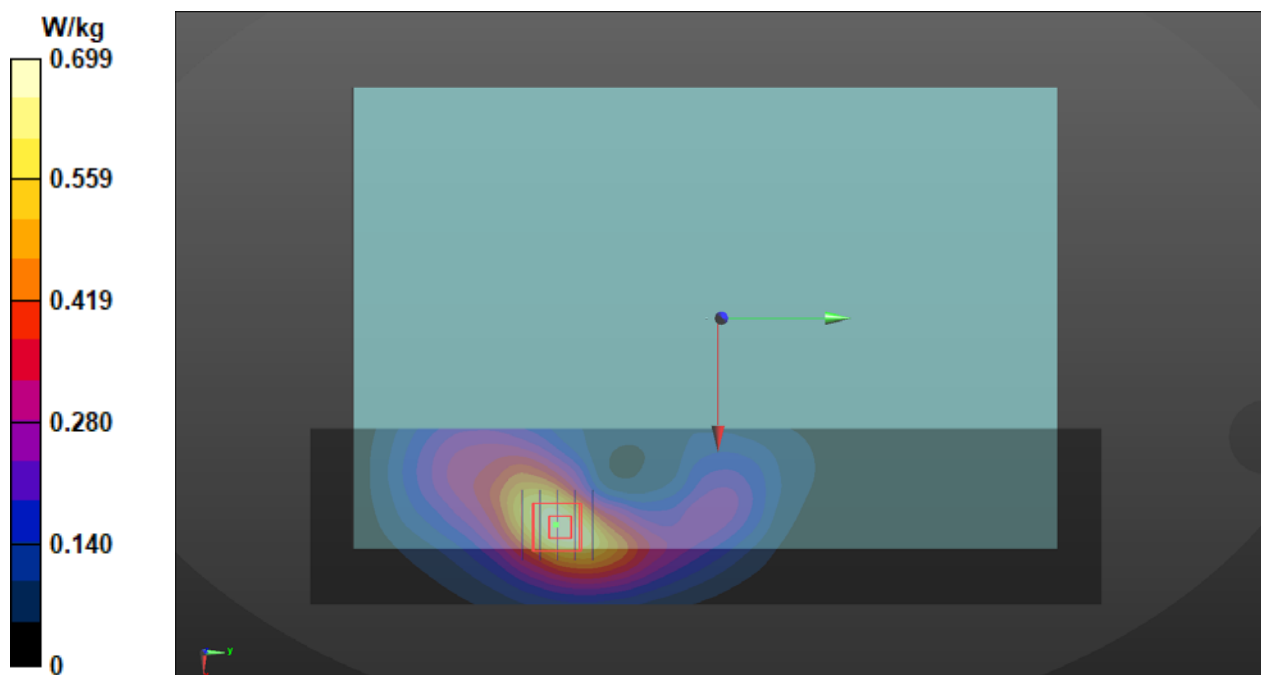
Peak SAR (extrapolated) = 0.801 W/kg

SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.348 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 66.3%

Maximum value of SAR (measured) = 0.699 W/kg



P08 LTE 7_QPSK20M_Rear Face_11mm_Ch21350_1RB_OS0_Main0_P-Sensor_w_o**DUT: BEDV-WTW-P20121079**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2560 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0322 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 38.068$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.5, 7.5, 7.5) @ 2560 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x301x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.376 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.28 V/m; Power Drift = -0.03 dB

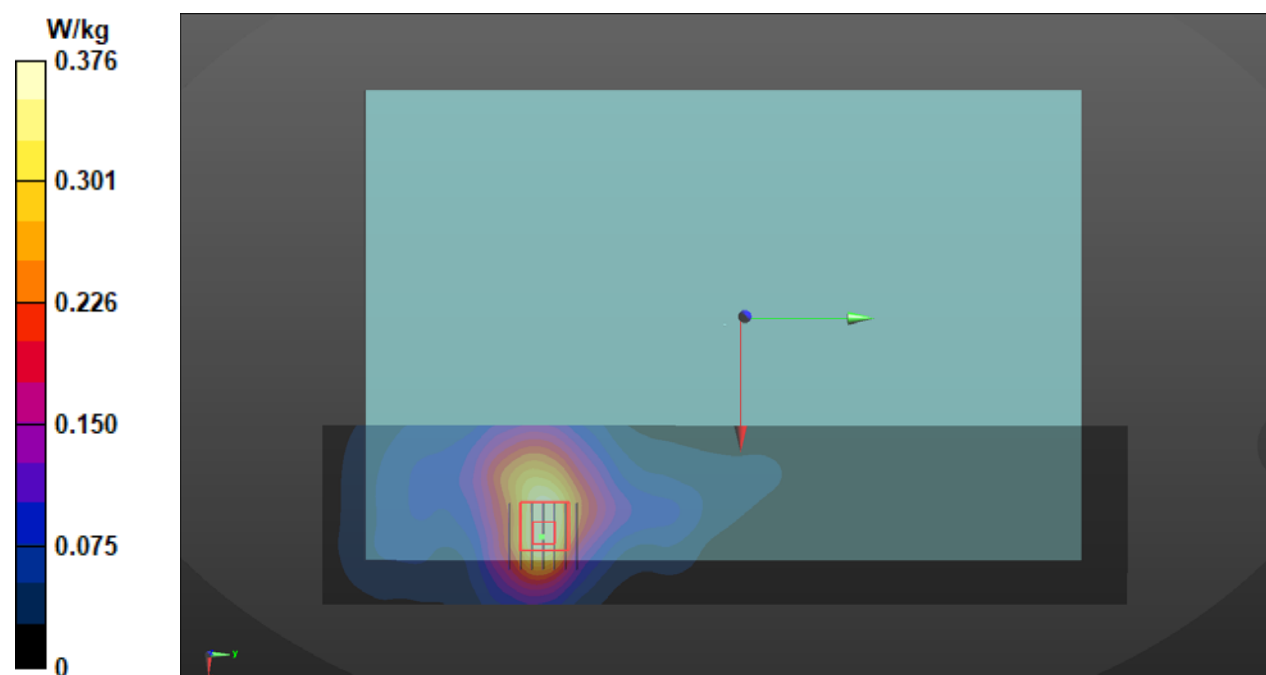
Peak SAR (extrapolated) = 0.478 W/kg

SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.138 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 17.7 mm

Ratio of SAR at M2 to SAR at M1 = 50.6%

Maximum value of SAR (measured) = 0.384 W/kg



P09 LTE 7_QPSK20M_Rear Face_11mm_Ch21350_1RB_OS0_MIMO2_P-Sensor_w_o**DUT: BEDV-WTW-P20121079**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2560 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0319 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.969$ S/m; $\epsilon_r = 38.31$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.36, 7.36, 7.36) @ 2560 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x301x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.09 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 22.56 V/m; Power Drift = -0.03 dB

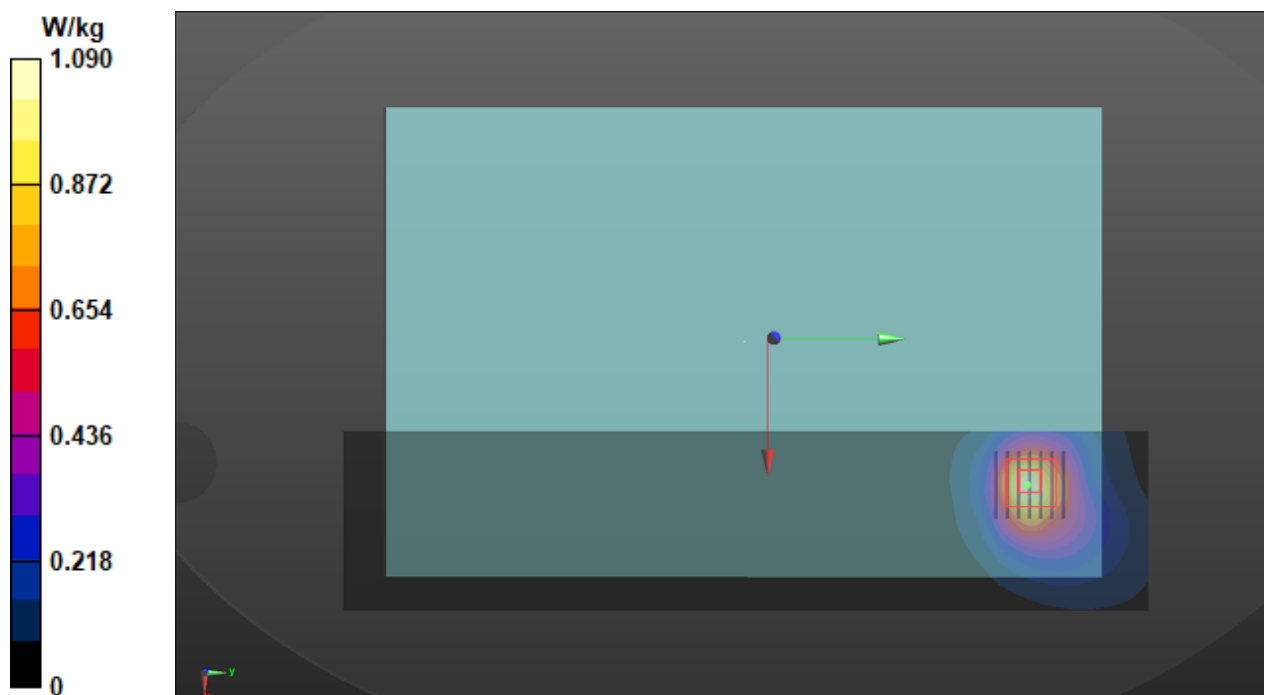
Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.370 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 15.3 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

Maximum value of SAR (measured) = 1.05 W/kg



**P10 LTE 12_QPSK10M_Top Side_0mm_Ch23130_RB1_OS0_Main0
_P-Sensor_w****DUT: BEDV-WTW-P20121079**

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 711 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0321 Medium parameters used: $f = 711$ MHz; $\sigma = 0.855$ S/m; $\epsilon_r = 43.418$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(10.04, 10.04, 10.04) @ 711 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x241x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.506 W/kg

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

Reference Value = 24.05 V/m; Power Drift = -0.01 dB

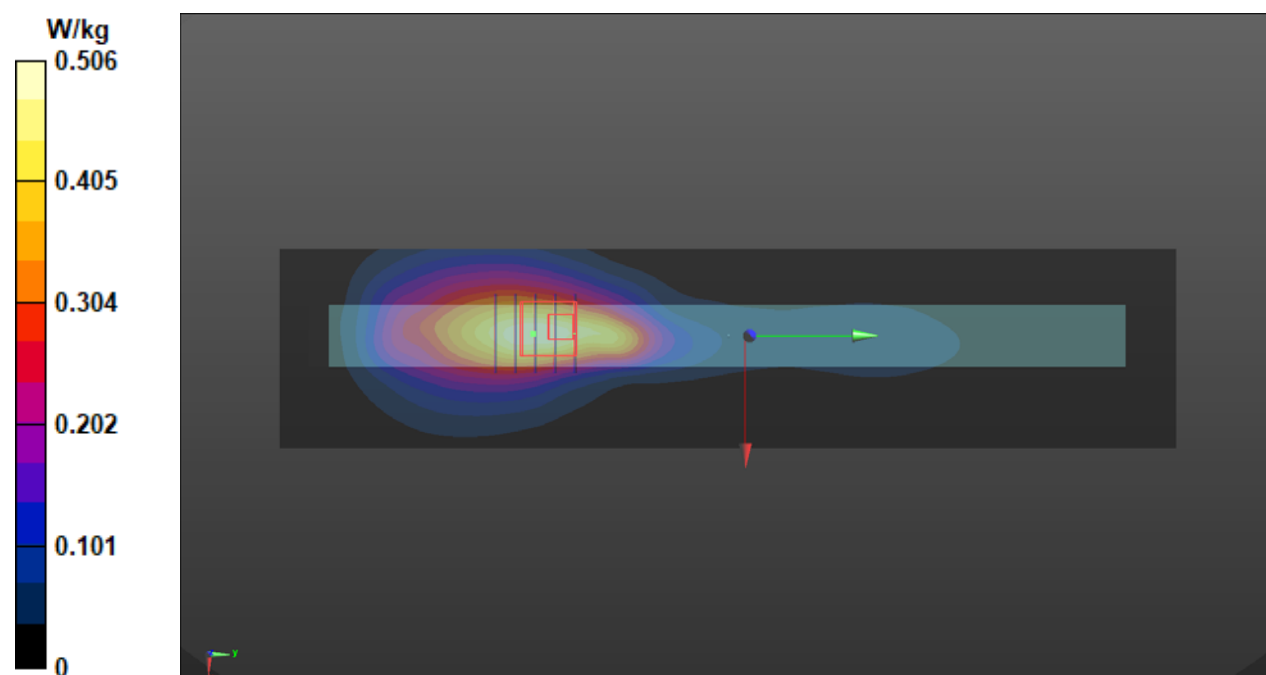
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.262 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 45.6%

Maximum value of SAR (measured) = 0.765 W/kg



**P11 LTE 13_QPSK10M_Top Side_0mm_Ch23230_1RB_OS0_Main0
_P-Sensor_w****DUT: BEDV-WTW-P20121079**

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 782 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0321 Medium parameters used: $f = 782$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 42.542$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(10.04, 10.04, 10.04) @ 782 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x241x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.621 W/kg

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

Reference Value = 24.81 V/m; Power Drift = -0.01 dB

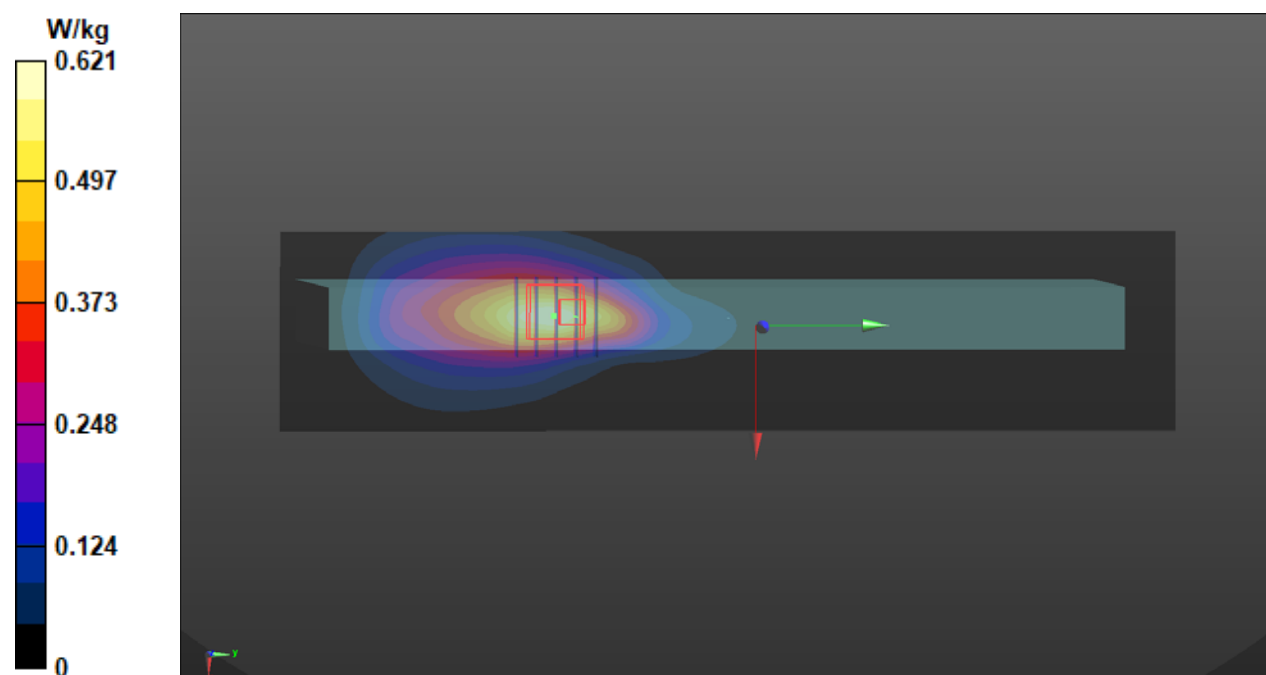
Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.293 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 48.3%

Maximum value of SAR (measured) = 0.870 W/kg



P12 LTE 14_QPSK10M_Top Side_0mm_Ch23330_1RB_OS0_Main0 _P-Sensor_w

DUT: BEDV-WTW-P20121079

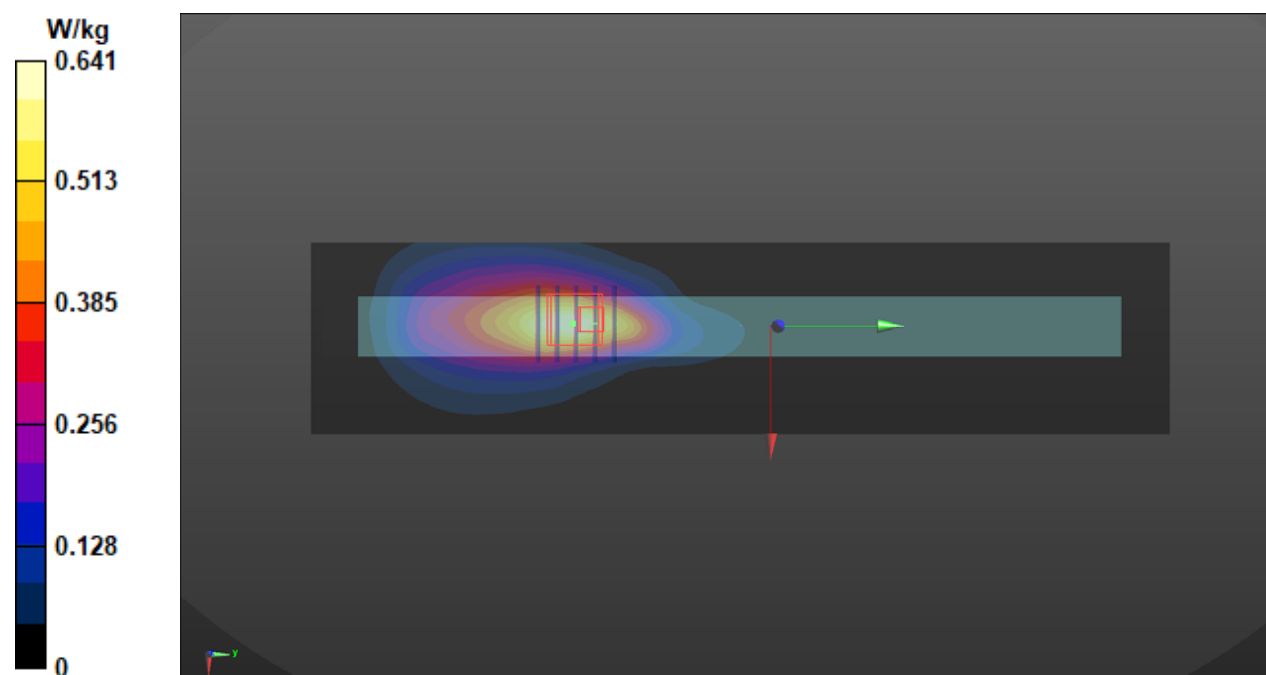
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 793 MHz; Duty Cycle: 1:3.74
Medium: H06T09N1_0321 Medium parameters used: $f = 793$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 42.404$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(10.04, 10.04, 10.04) @ 793 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x241x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.641 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 25.09 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.301 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 48.1%
Maximum value of SAR (measured) = 0.908 W/kg



**P13 LTE 17_QPSK10M_Top Side_0mm_Ch23780_RB1_OS0_Main0
_P-Sensor_w****DUT: BEDV-WTW-P20121079**

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 709 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0321 Medium parameters used: $f = 709$ MHz; $\sigma = 0.854$ S/m; $\epsilon_r = 43.447$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(10.04, 10.04, 10.04) @ 709 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.500 W/kg

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

Reference Value = 23.90 V/m; Power Drift = -0.01 dB

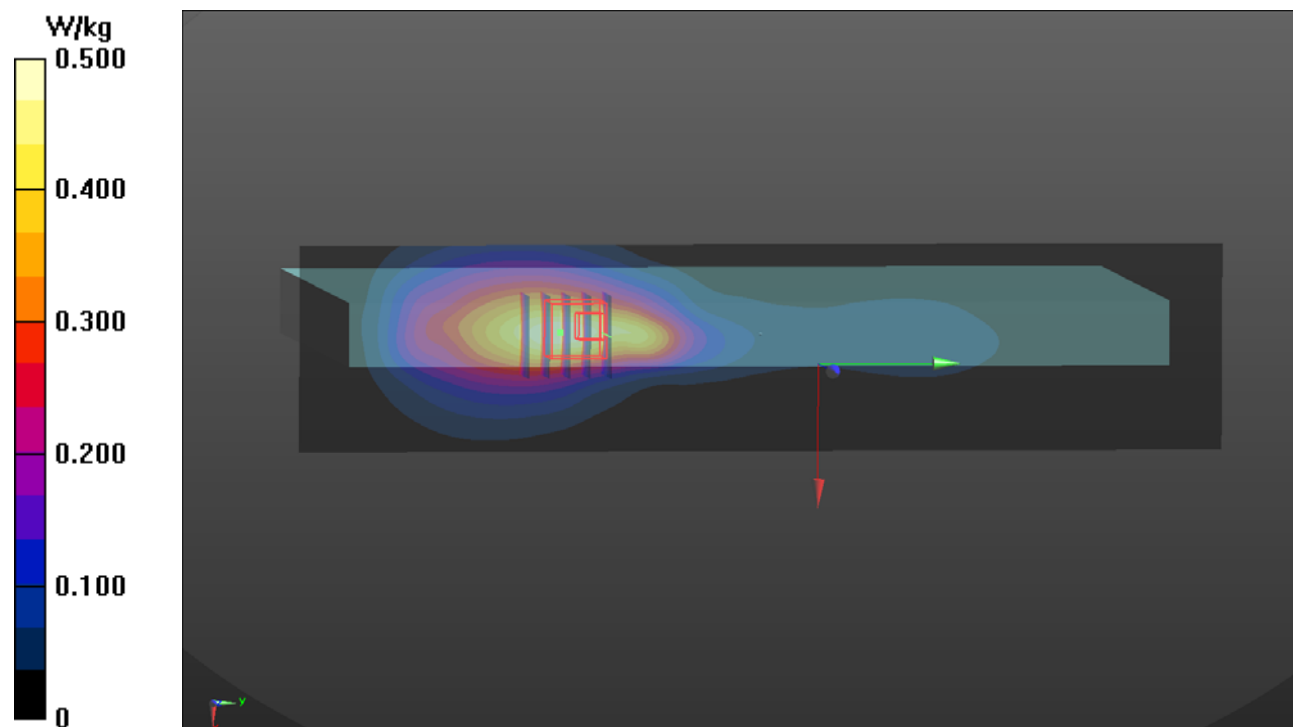
Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.260 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 46%

Maximum value of SAR (measured) = 0.752 W/kg



**P14 LTE 25_QPSK20M_Top Side_0mm_Ch26140_1RB_OS0_Main0
_P-Sensor_w****DUT: BEDV-WTW-P20121079**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1860 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0323 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.421$ S/m; $\epsilon_r = 39.839$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.22, 8.22, 8.22) @ 1860 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.750 W/kg

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

Reference Value = 19.73 V/m; Power Drift = -0.07 dB

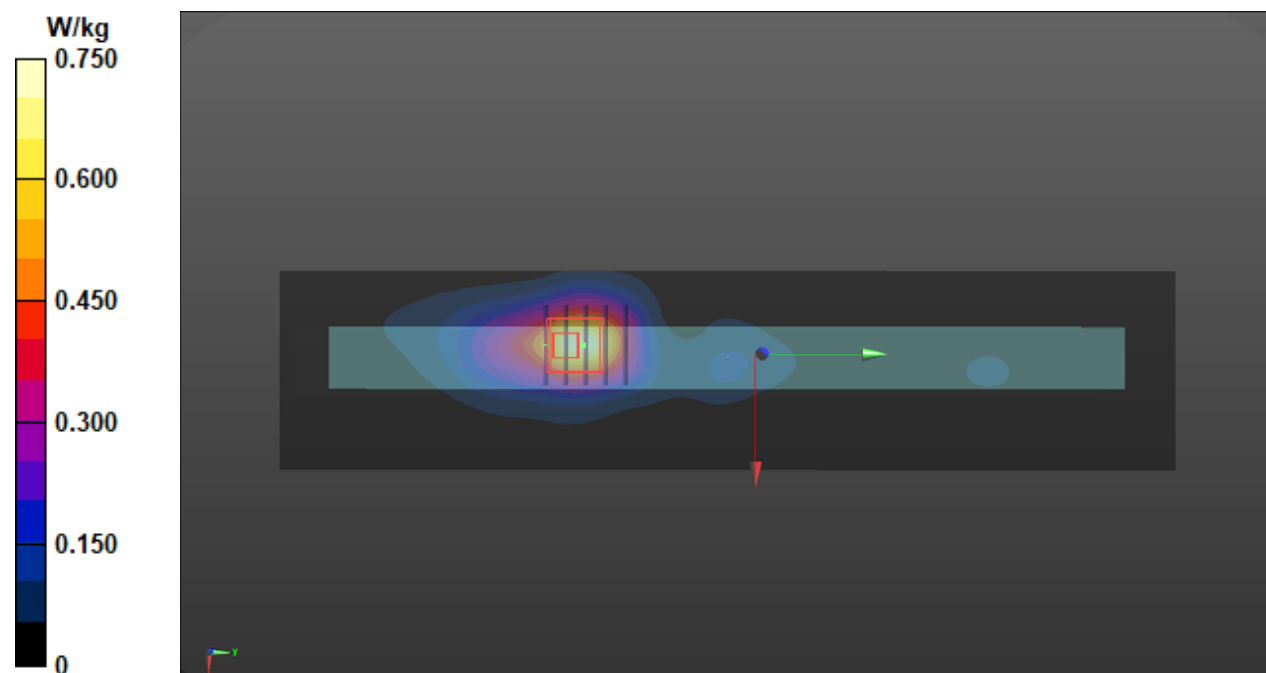
Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.287 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 48.3%

Maximum value of SAR (measured) = 0.794 W/kg



P15 LTE 26_QPSK15M_Rear Face_11mm_Ch26865_1RB_OS0_Main0_P-Sensor_w_o**DUT: BEDV-WTW-P20121079**

Communication System: UID 10181 - CAE, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK);
Frequency: 831.5 MHz; Duty Cycle: 1:3.74

Medium: H07T10N1_0320 Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.916$ S/m;
 $\epsilon_r = 41.774$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.82, 9.82, 9.82) @ 831.5 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 23.79 V/m; Power Drift = -0.03 dB

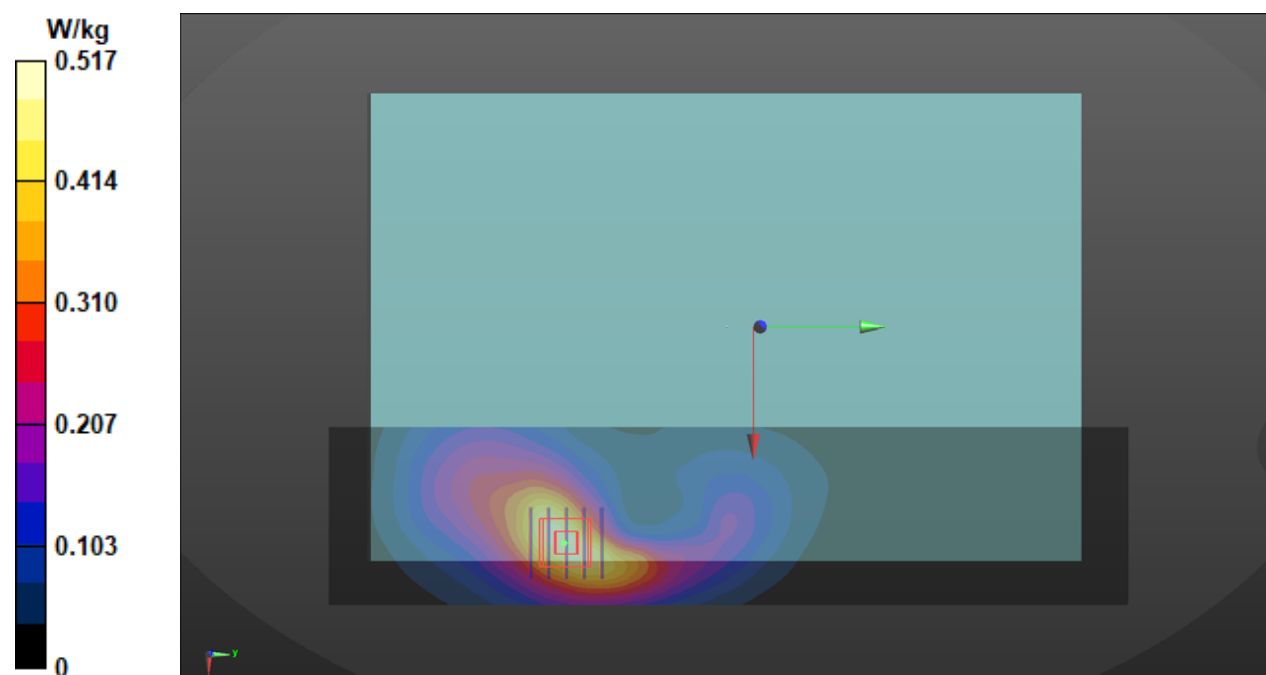
Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.265 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 17 mm

Ratio of SAR at M2 to SAR at M1 = 66.8%

Maximum value of SAR (measured) = 0.522 W/kg



**P16 LTE 30_QPSK10M_Rear Face_0mm_Ch27710_1RB_OS0_Main0
_P-Sensor_w****DUT: BEDV-WTW-P20121079**

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 2310 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0324 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.731$ S/m; $\epsilon_r = 39.578$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.84, 7.84, 7.84) @ 2310 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x301x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.701 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.02 V/m; Power Drift = -0.06 dB

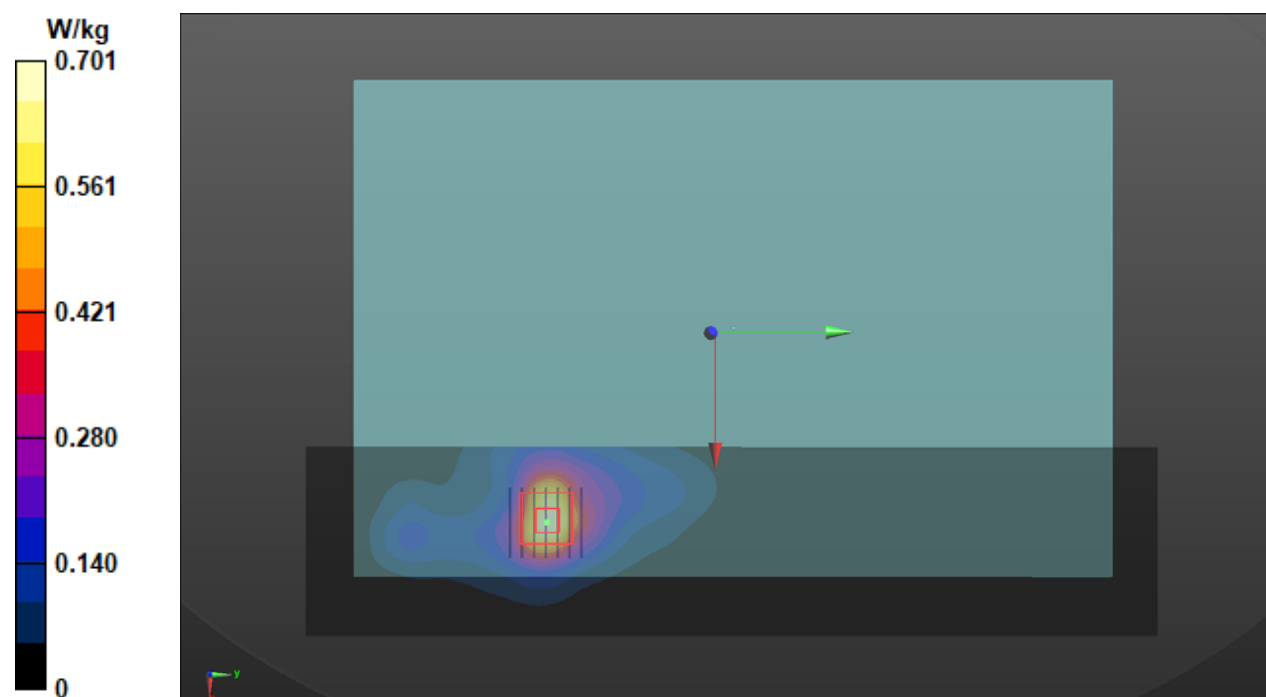
Peak SAR (extrapolated) = 0.801 W/kg

SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.235 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14 mm

Ratio of SAR at M2 to SAR at M1 = 53%

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



**P17 LTE 38_QPSK20M_Top Side_0mm_Ch37850_1RB_OS0_Main0
_P-Sensor_w****DUT: BEDV-WTW-P20121079**

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2580 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0322 Medium parameters used: $f = 2580$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 38.044$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.5, 7.5, 7.5) @ 2580 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x301x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.294 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.40 V/m; Power Drift = -0.14 dB

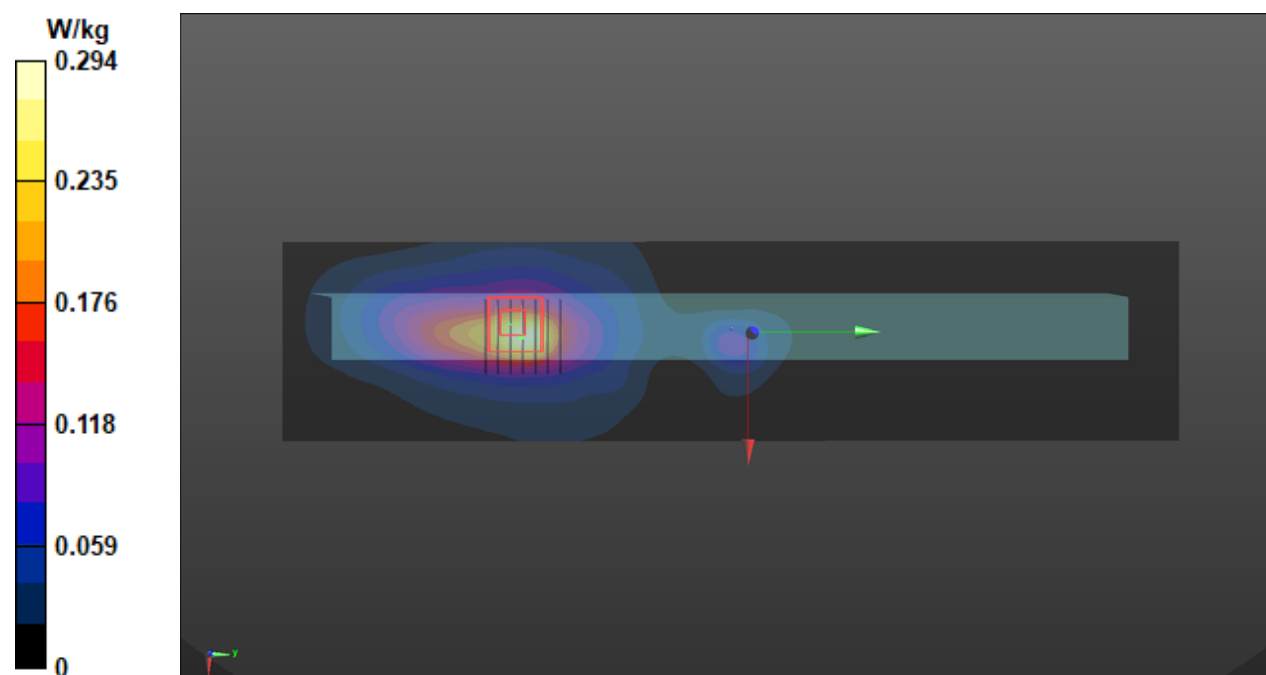
Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.119 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 42.2%

Maximum value of SAR (measured) = 0.519 W/kg



**P19 LTE 41_QPSK20M_Top Side_0mm_Ch40620_1RB_OS0_Main0
_P-Sensor_w****DUT: BEDV-WTW-P20121079**

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2593 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0322 Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 1.977$ S/m;
 $\epsilon_r = 38.044$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.5, 7.5, 7.5) @ 2593 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: Twin-ELI V8.0 2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x301x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.738 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.73 V/m; Power Drift = -0.01 dB

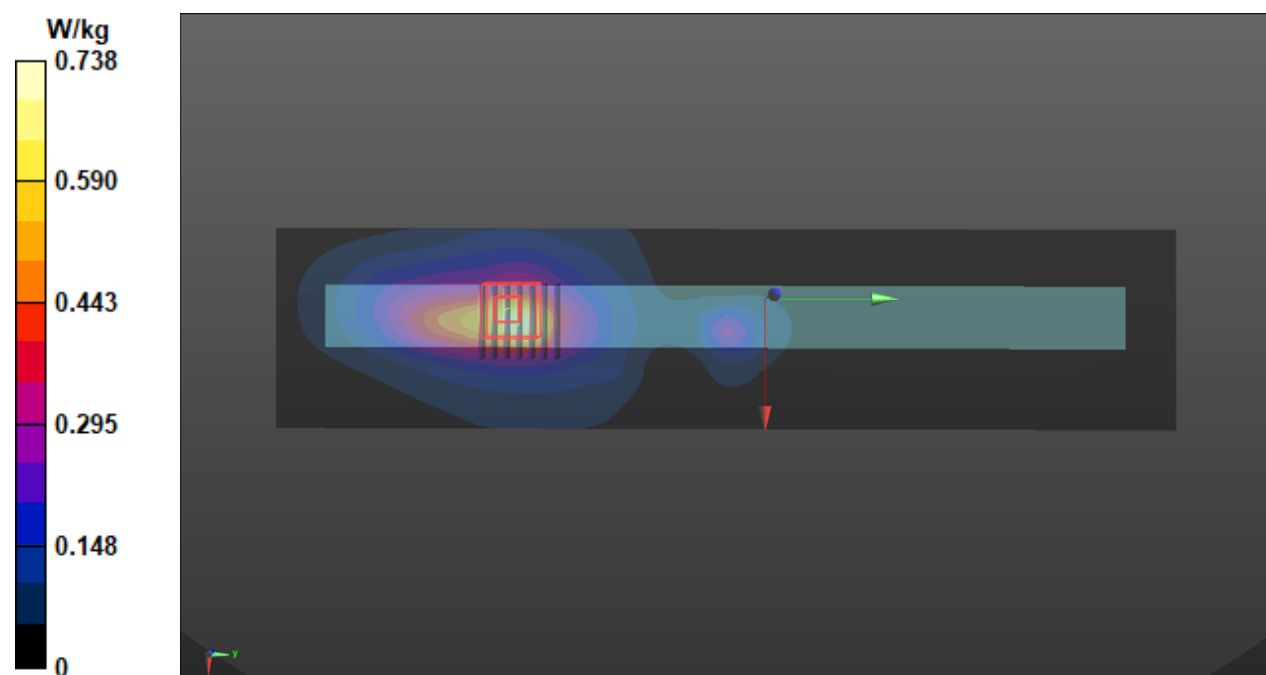
Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.303 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 42.2%

Maximum value of SAR (measured) = 1.31 W/kg



P20 LTE42_QPSK20M_Right Side_0mm_Ch43340_1RB_OS0_MIMO2_w_o**DUT: BEDV-WTW-P20121079**

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 3575 MHz; Duty Cycle: 1:8.33

Medium: H34T38N1_0325 Medium parameters used: $f = 3575$ MHz; $\sigma = 2.935$ S/m; $\epsilon_r = 38.665$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(6.97, 6.97, 6.97) @ 3575 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x191x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2.5$ mm

Reference Value = 21.87 V/m; Power Drift = -0.07 dB

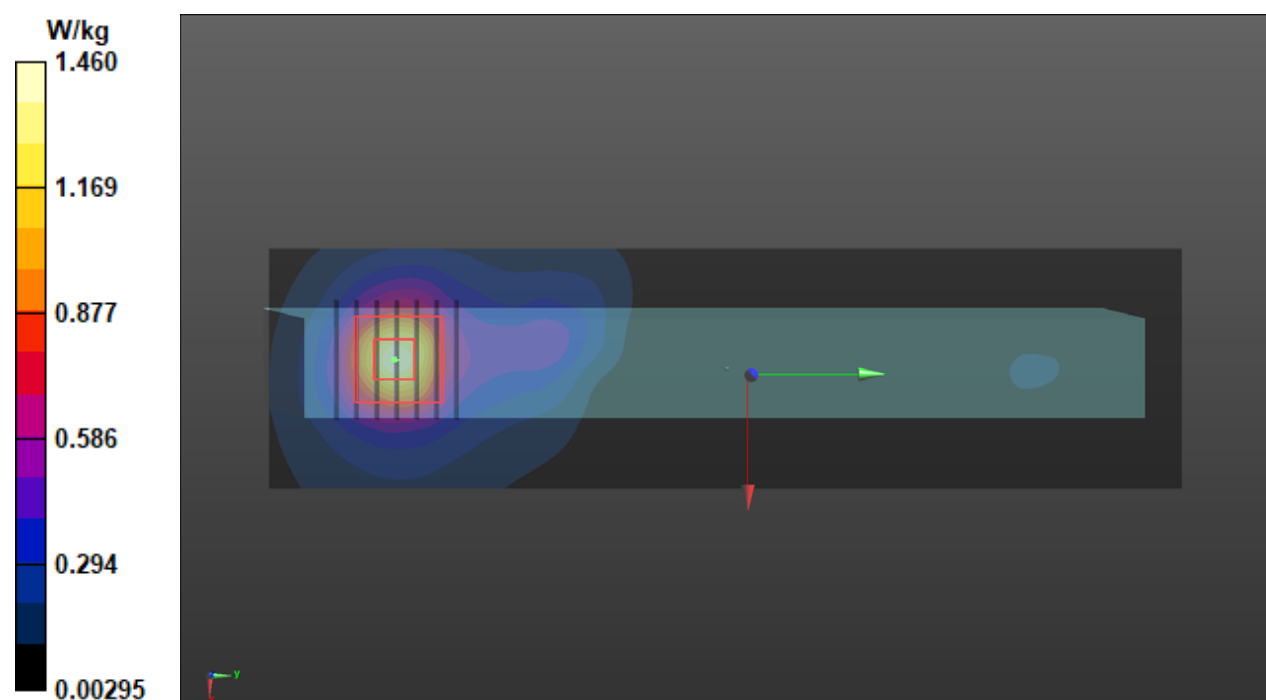
Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.348 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 1.48 W/kg



P21 LTE48_QPSK20M_Right Side_0mm_Ch56210_1RB_OS0_MIMO2_w_o**DUT: BEDV-WTW-P20121079**

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 3647 MHz; Duty Cycle: 1:8.33

Medium: H34T38N1_0325 Medium parameters used: $f = 3647$ MHz; $\sigma = 3.001$ S/m; $\epsilon_r = 38.525$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(6.94, 6.94, 6.94) @ 3647 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.752 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 15.44 V/m; Power Drift = -0.03 dB

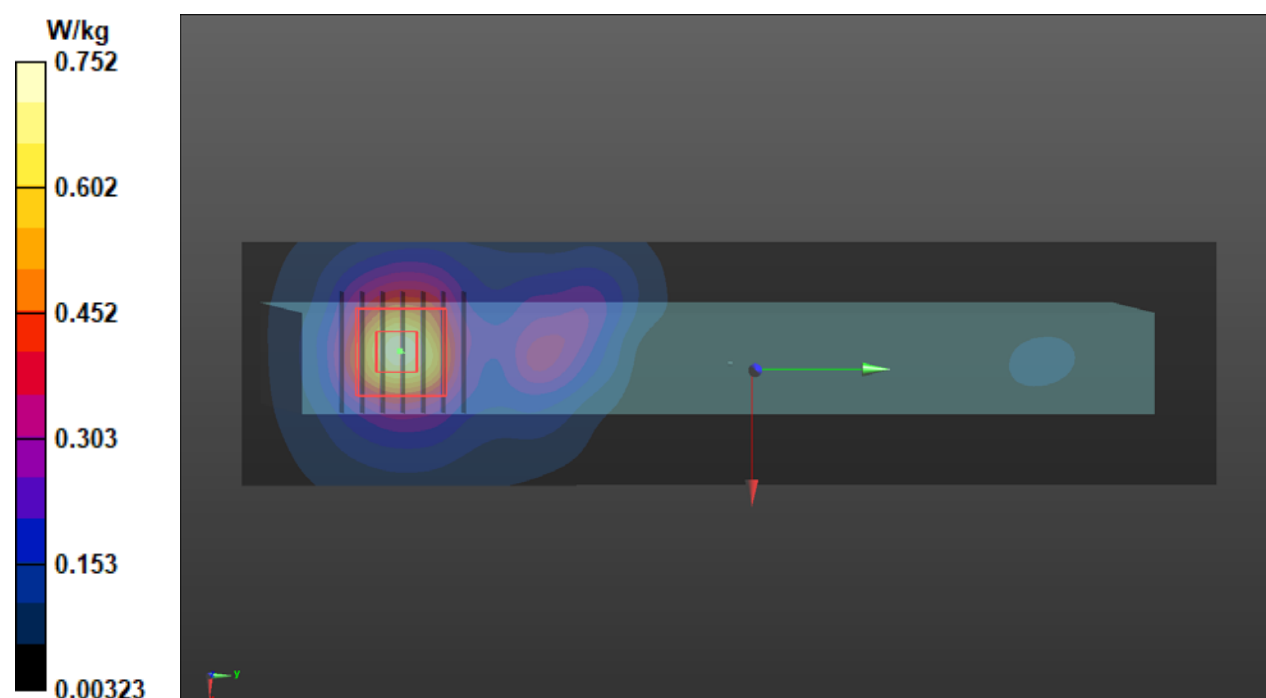
Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.196 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11 mm

Ratio of SAR at M2 to SAR at M1 = 62.5%

Maximum value of SAR (measured) = 0.814 W/kg



P22 LTE 66_QPSK20M_Top Side_15mm_Ch132072_1RB_OS0_Main0_P-Sensor_w_o**DUT: BEDV-WTW-P20121079**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1720 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0324 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.302$ S/m; $\epsilon_r = 39.128$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.6, 8.6, 8.6) @ 1720 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.767 W/kg

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

Reference Value = 23.55 V/m; Power Drift = -0.06 dB

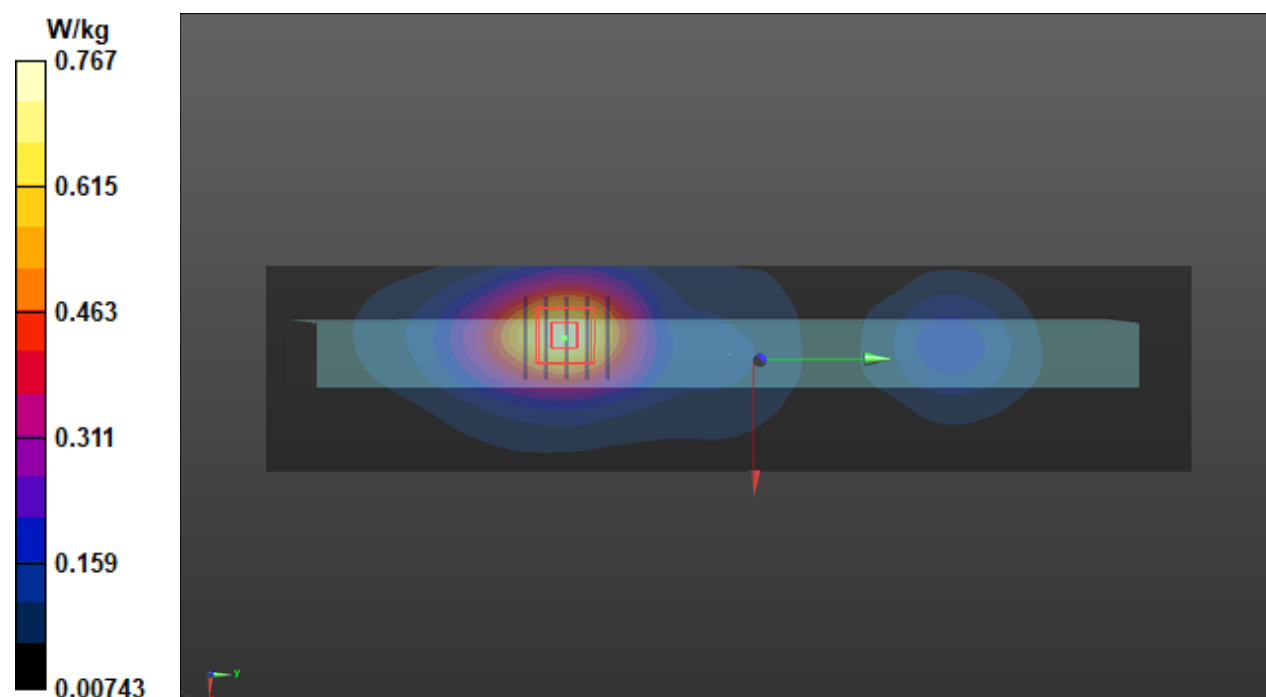
Peak SAR (extrapolated) = 0.890 W/kg

SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.340 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 17.9 mm

Ratio of SAR at M2 to SAR at M1 = 61.5%

Maximum value of SAR (measured) = 0.764 W/kg



P23 LTE 66_QPSK20M_Right Side_0mm_Ch132572_1RB_OS0_MIMO2_P-Sensor_w_o**DUT: BEDV-WTW-P20121079**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1770 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0319 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 38.888$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.6, 8.6, 8.6) @ 1770 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.833 W/kg

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

Reference Value = 25.74 V/m; Power Drift = -0.02 dB

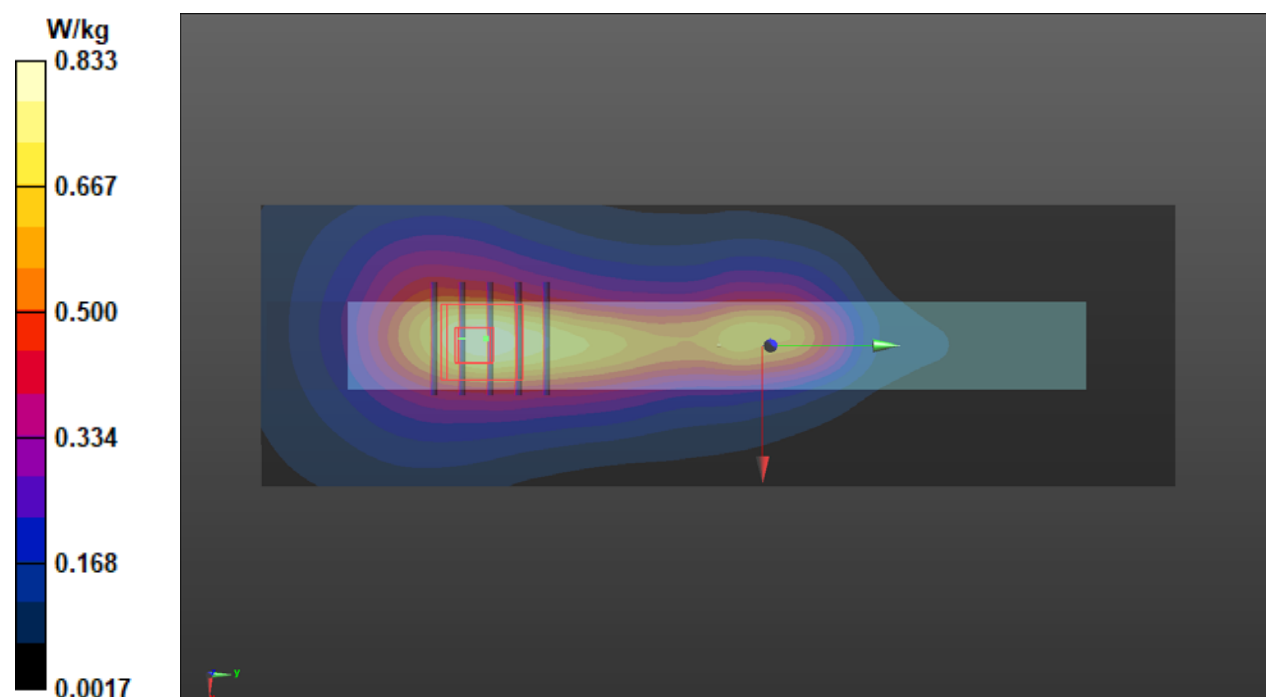
Peak SAR (extrapolated) = 0.968 W/kg

SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.346 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 59.8%

Maximum value of SAR (measured) = 0.804 W/kg



P24 5GNR-n2_DFT-S QPSK20M_Top Side_15mm_Ch372000_1RB_OS1_Main 0_P-Sensor_w_o**DUT: BEDV-WTW-P20121079**

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1860 MHz; Duty Cycle: 1:3.56

Medium: H16T20N1_0325 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 38.573$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.42, 8.42, 8.42) @ 1860 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 16.05 V/m; Power Drift = 0.00 dB

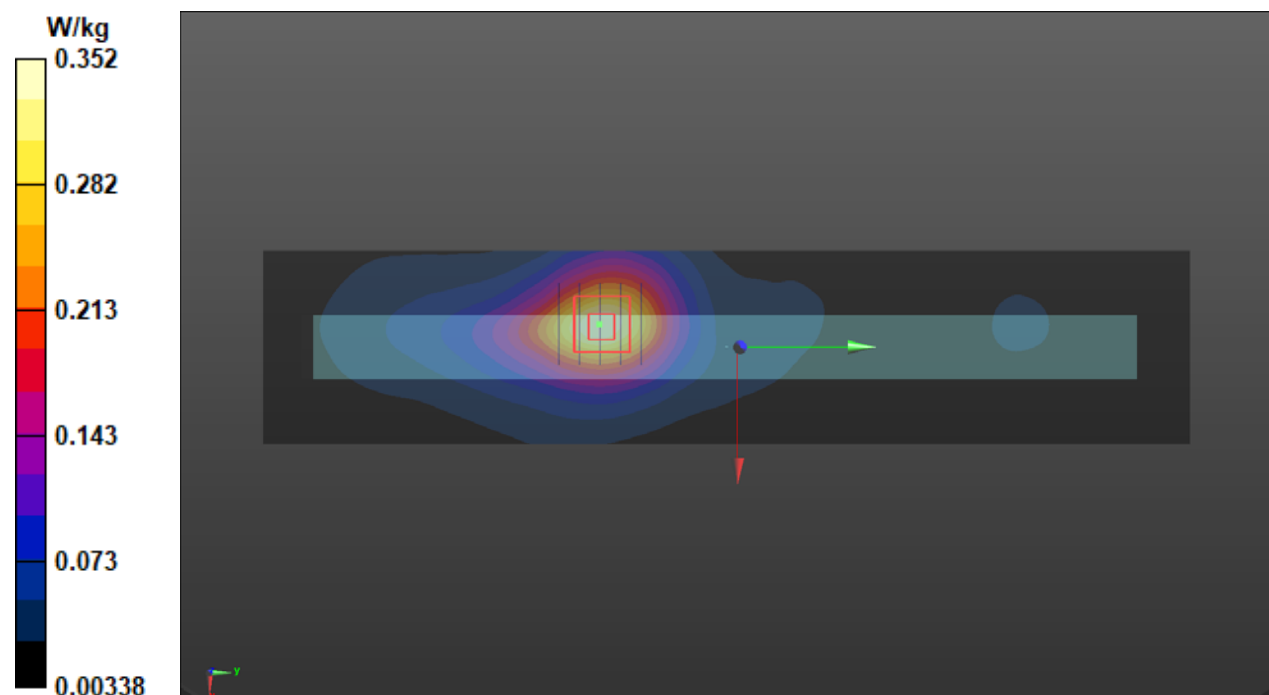
Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.147 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 19.5 mm

Ratio of SAR at M2 to SAR at M1 = 60%

Maximum value of SAR (measured) = 0.346 W/kg



**P25 5GNR-n2_DFT-S QPSK20M_Right
Side_0mm_Ch380000_1RB_OS1_MIMO2_P-Sensor_w_o****DUT: BEDV-WTW-P20121079**

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1900 MHz; Duty Cycle: 1:3.56

Medium: H16T20N1_0325 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.46$ S/m; $\epsilon_r = 38.447$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.42, 8.42, 8.42) @ 1900 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.511 W/kg

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

Reference Value = 19.01 V/m; Power Drift = 0.04 dB

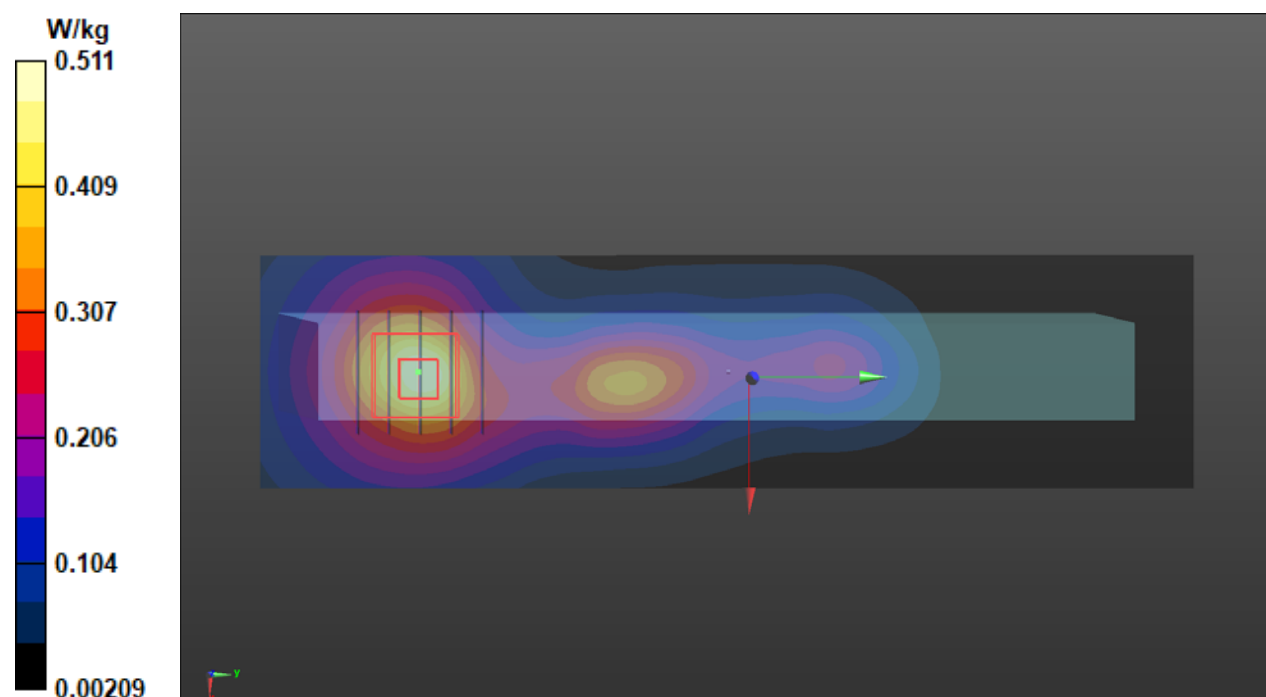
Peak SAR (extrapolated) = 0.608 W/kg

SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.202 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 17 mm

Ratio of SAR at M2 to SAR at M1 = 58.9%

Maximum value of SAR (measured) = 0.513 W/kg



**P26 5GNR-n5_DFT-S QPSK20M_Top Side_0mm_Ch166800_1RB_OS1_Main
0_P-Sensor_w****DUT: BEDV-WTW-P20121079**

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 834 MHz; Duty Cycle: 1:3.56

Medium: H07T10N1_0325 Medium parameters used: $f = 834$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 41.82$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(9.69, 9.69, 9.69) @ 834 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.02 W/kg

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

Reference Value = 33.03 V/m; Power Drift = -0.11 dB

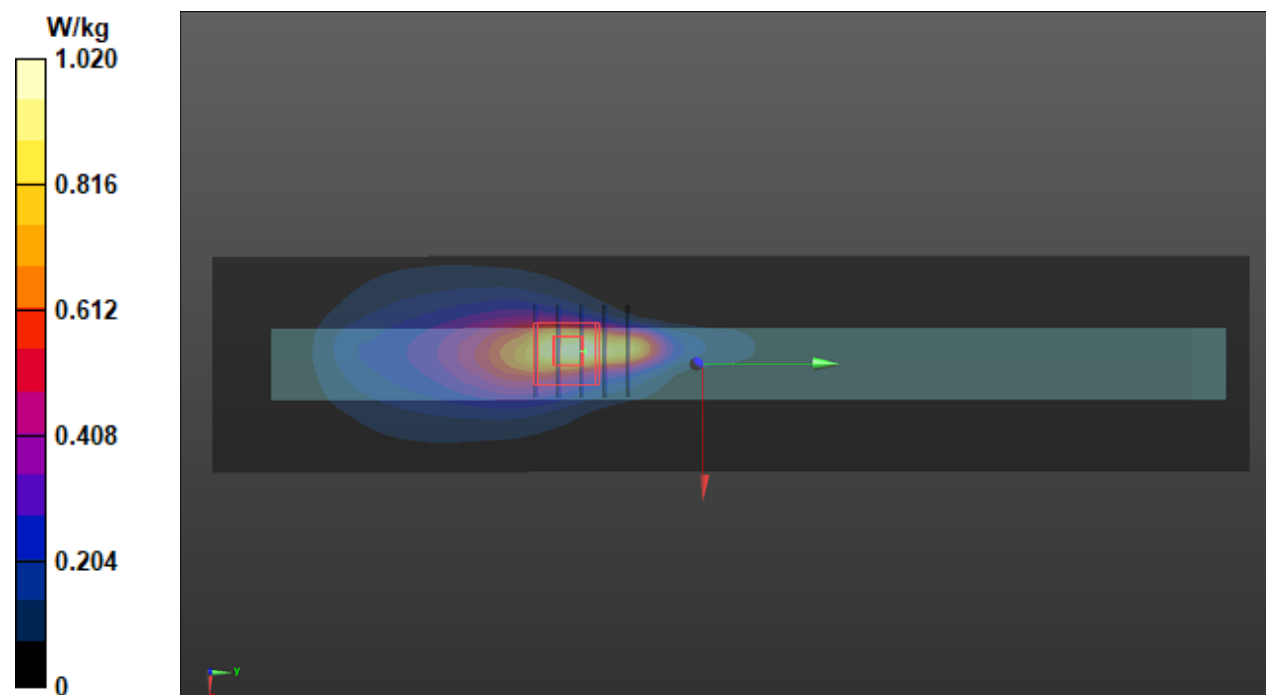
Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.327 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 45.2%

Maximum value of SAR (measured) = 1.08 W/kg



**P27 5GNR-n7_DFT-S QPSK20M_Right
Side_0mm_Ch512000_1RB_OS1_MIMO2_P-Sensor_w_o****DUT: BEDV-WTW-P20121079**

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 2560 MHz; Duty Cycle: 1:3.56

Medium: H19T27N1_0325 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.985$ S/m; $\epsilon_r = 38.674$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.36, 7.36, 7.36) @ 2560 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.738 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.18 V/m; Power Drift = -0.01 dB

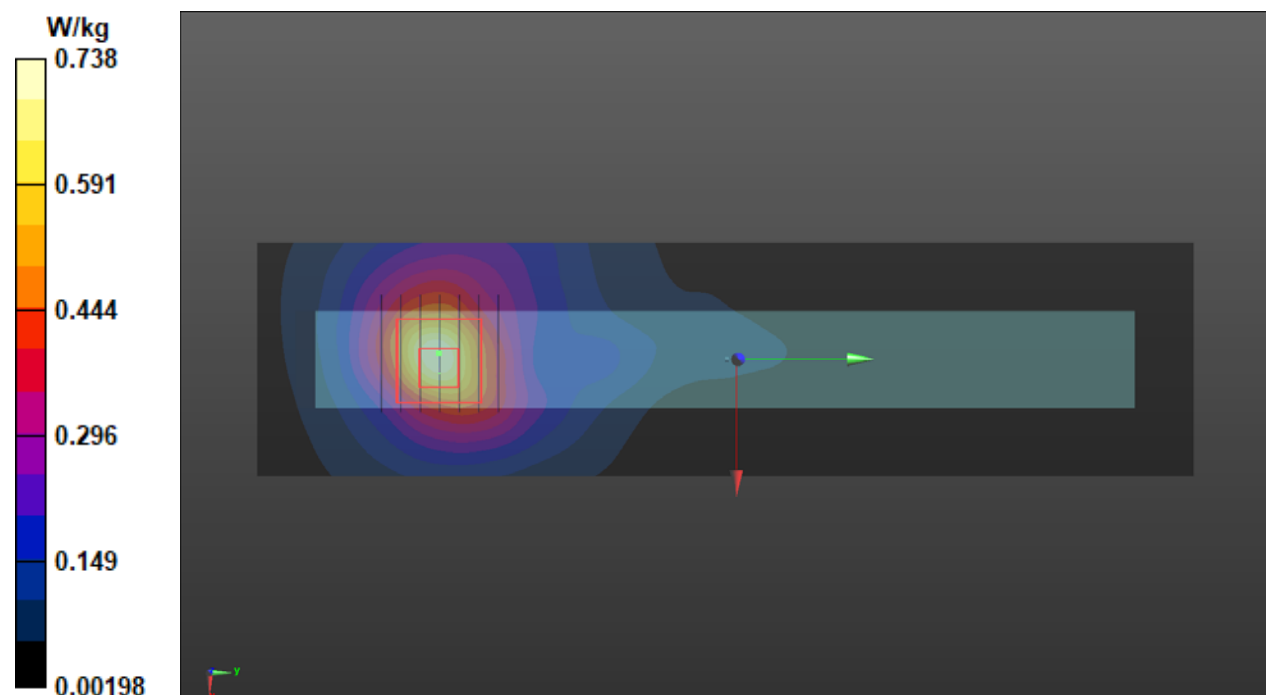
Peak SAR (extrapolated) = 0.907 W/kg

SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.244 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.7 mm

Ratio of SAR at M2 to SAR at M1 = 52.2%

Maximum value of SAR (measured) = 0.746 W/kg



P28 5GNR-n12_DFT-S QPSK15M_Top Side_0mm_Ch141700_1RB_OS1_Main 0_P-Sensor_w**DUT: BEDV-WTW-P20121079**

Communication System: UID 10930 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz); Frequency: 708.5 MHz; Duty Cycle: 1:3.56

Medium: H06T09N1_0325 Medium parameters used (interpolated): $f = 708.5$ MHz; $\sigma = 0.86$ S/m; $\epsilon_r = 43.378$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(10, 10, 10) @ 708.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.778 W/kg

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

Reference Value = 28.05 V/m; Power Drift = -0.14 dB

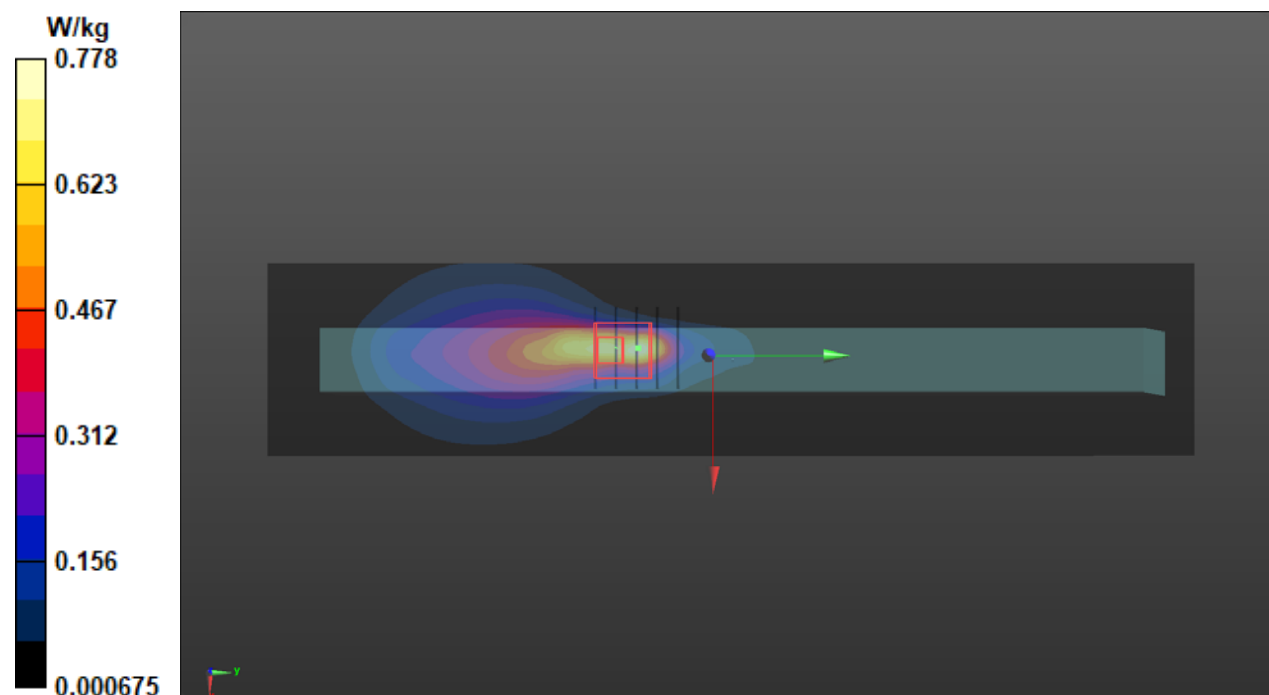
Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.206 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 37.7%

Maximum value of SAR (measured) = 0.830 W/kg



**P29 5GNR-n41_DFT-S QPSK100M_Rear
Face_11mm_Ch528000_1RB_OS1_MIMO2_P-Sensor_w_o****DUT: BEDV-WTW-P20121079**

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2640 MHz; Duty Cycle: 1:3.69
Medium: H19T27N1_0325 Medium parameters used: $f = 2640$ MHz; $\sigma = 2.074$ S/m; $\epsilon_r = 38.413$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.36, 7.36, 7.36) @ 2640 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x301x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 22.90 V/m; Power Drift = 0.01 dB

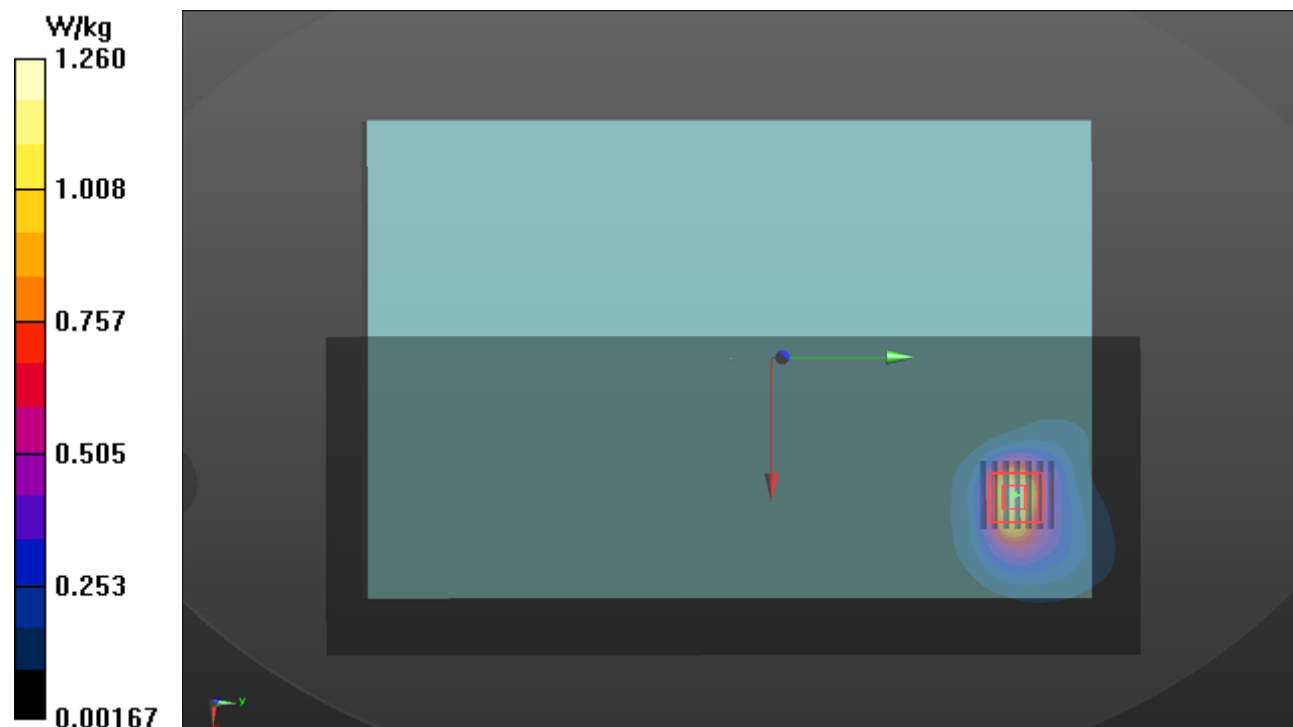
Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.791 W/kg; SAR(10 g) = 0.406 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13 mm

Ratio of SAR at M2 to SAR at M1 = 54.1%

Maximum value of SAR (measured) = 1.23 W/kg



**P30 5GNR-n66_DFT-S QPSK20M_Top
Side_15mm_Ch344000_1RB_OS1_Main 0_P-Sensor_w_o****DUT: BEDV-WTW-P20121079**

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1720 MHz; Duty Cycle: 1:3.56

Medium: H16T20N1_0325 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.302$ S/m; $\epsilon_r = 39.138$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.6, 8.6, 8.6) @ 1720 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.594 W/kg

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

Reference Value = 21.29 V/m; Power Drift = -0.04 dB

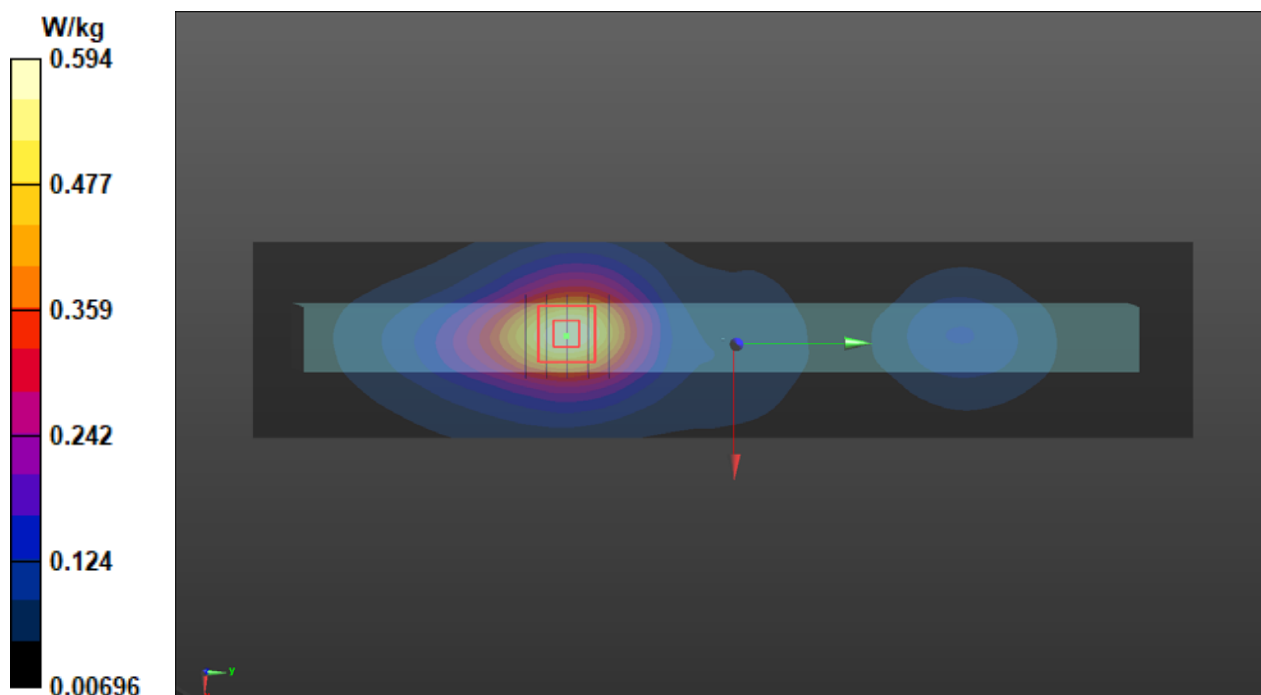
Peak SAR (extrapolated) = 0.684 W/kg

SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.261 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 18.7 mm

Ratio of SAR at M2 to SAR at M1 = 61.2%

Maximum value of SAR (measured) = 0.587 W/kg



**P31 5GNR-n66_DFT-S QPSK20M_Right
Side_0mm_Ch344000_1RB_OS1_MIMO2_P-Sensor_w_o****DUT: BEDV-WTW-P20121079**

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1720 MHz; Duty Cycle: 1:3.56

Medium: H16T20N1_0325 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.302$ S/m; $\epsilon_r = 39.138$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.6, 8.6, 8.6) @ 1720 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.561 W/kg

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

Reference Value = 21.58 V/m; Power Drift = 0.01 dB

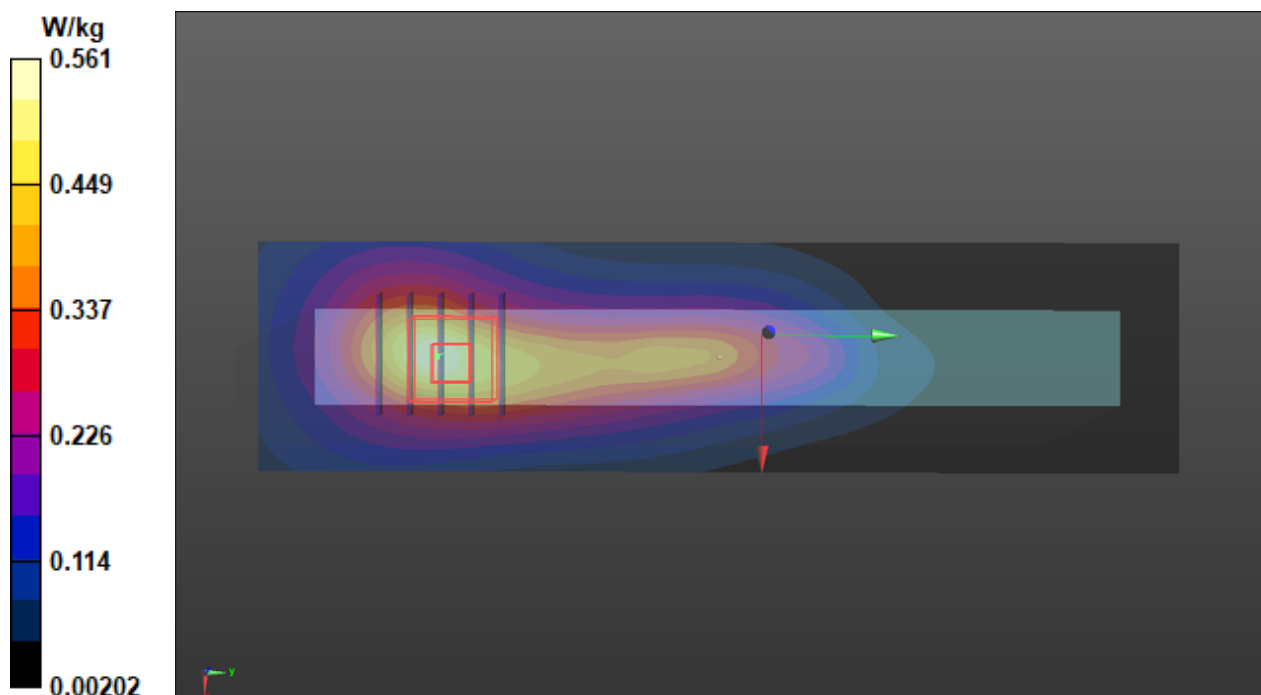
Peak SAR (extrapolated) = 0.683 W/kg

SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.242 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 60.3%

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



P32 WLAN 2.4G_802.11n HT40_Bottom Side_0mm_Ch6_Ant 0+1**DUT: BEDV-WTW-P20121079**

Communication System: UID 10599 - AAC, IEEE 802.11n (HT Mixed, 40MHz, MCS0);

Frequency: 2437 MHz; Duty Cycle: 1:1.02

Medium: H19T27N1_0324 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.857$ S/m; $\epsilon_r = 39.102$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.59, 7.59, 7.59) @ 2437 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x301x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.271 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.84 V/m; Power Drift = -0.12 dB

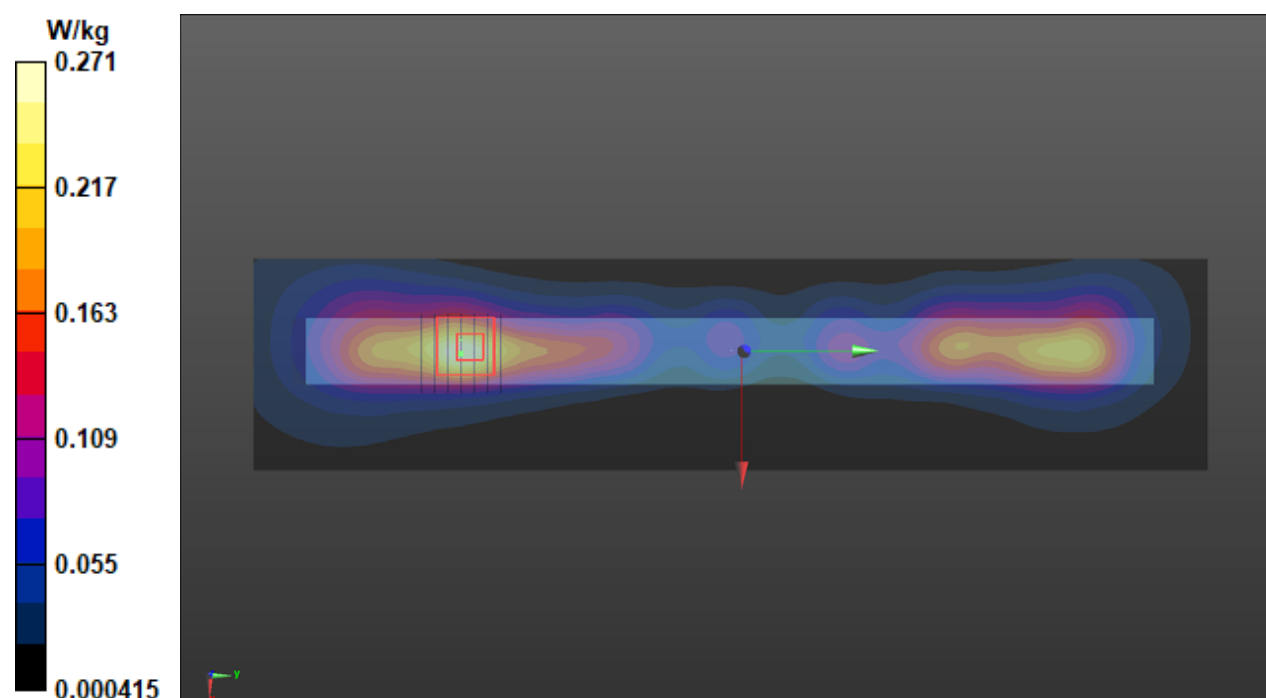
Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.102 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11 mm

Ratio of SAR at M2 to SAR at M1 = 52.6%

Maximum value of SAR (measured) = 0.306 W/kg



P33 WLAN 5.3G_802.11ac VHT160_Rear Face_0mm_Ch50_Ant 1**DUT: BEDV-WTW-P20121079**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.03

Medium: H34T60N1_0324 Medium parameters used (interpolated): $f = 5250$ MHz; $\sigma = 4.724$ S/m; $\epsilon_r = 35.508$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5.41, 5.41, 5.41) @ 5250 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.667 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.12 V/m; Power Drift = 0.03 dB

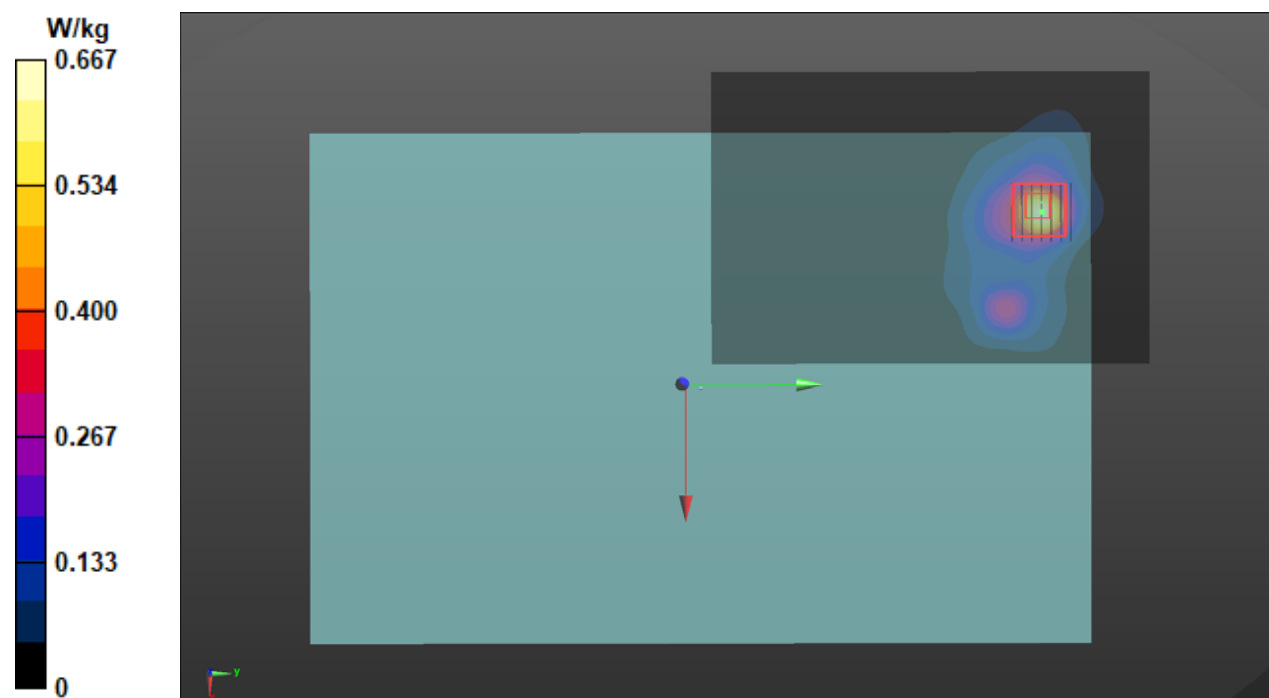
Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.120 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 65.6%

Maximum value of SAR (measured) = 0.729 W/kg



P34 WLAN 5.6G_802.11ac VHT80_Bottom Side_0mm_Ch106_Ant 1**DUT: BEDV-WTW-P20121079**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5530 MHz; Duty Cycle: 1:1.02

Medium: H34T60N1_0324 Medium parameters used (interpolated): $f = 5530$ MHz; $\sigma = 4.935$ S/m; $\epsilon_r = 34.849$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(4.8, 4.8, 4.8) @ 5530 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x361x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.251 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.782 V/m; Power Drift = -0.08 dB

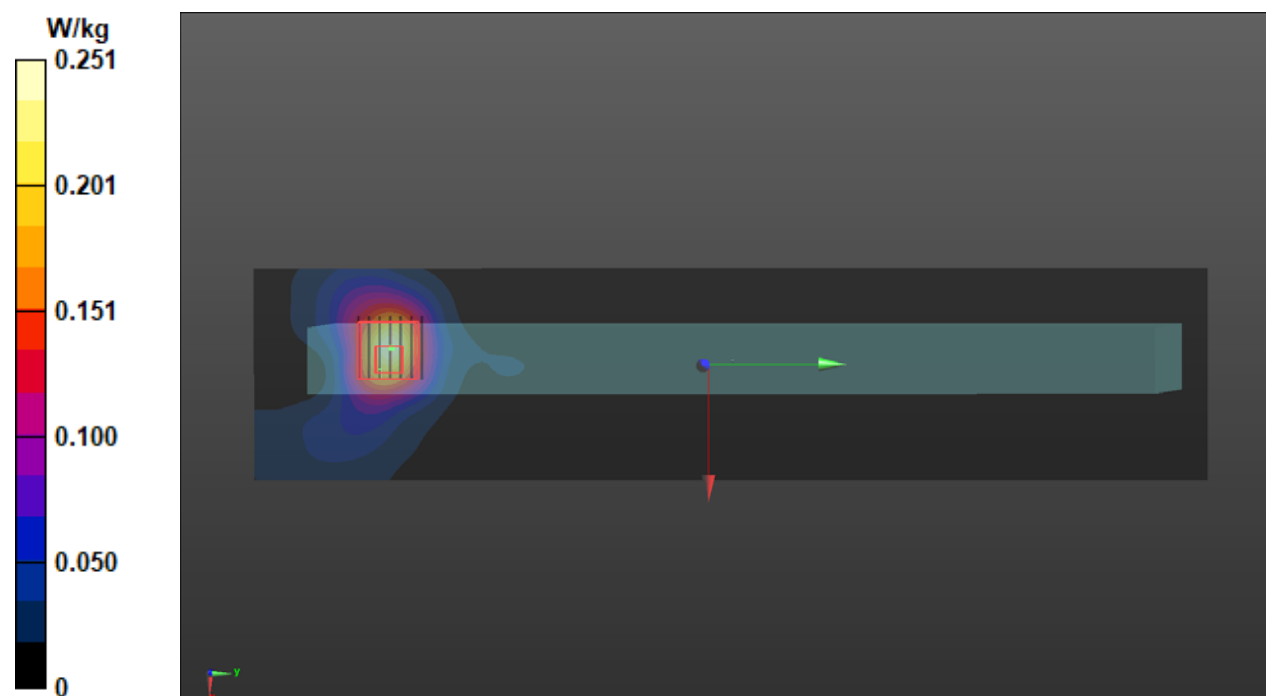
Peak SAR (extrapolated) = 0.510 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.050 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 62.3%

Maximum value of SAR (measured) = 0.299 W/kg



P35 WLAN 5.8G_802.11ac VHT80_Right Side_0mm_Ch155_Ant1**DUT: BEDV-WTW-P20121079**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.02

Medium: H34T60N1_0324 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.23$ S/m; $\epsilon_r = 34.585$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5, 5, 5) @ 5775 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.873 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 14.36 V/m; Power Drift = -0.09 dB

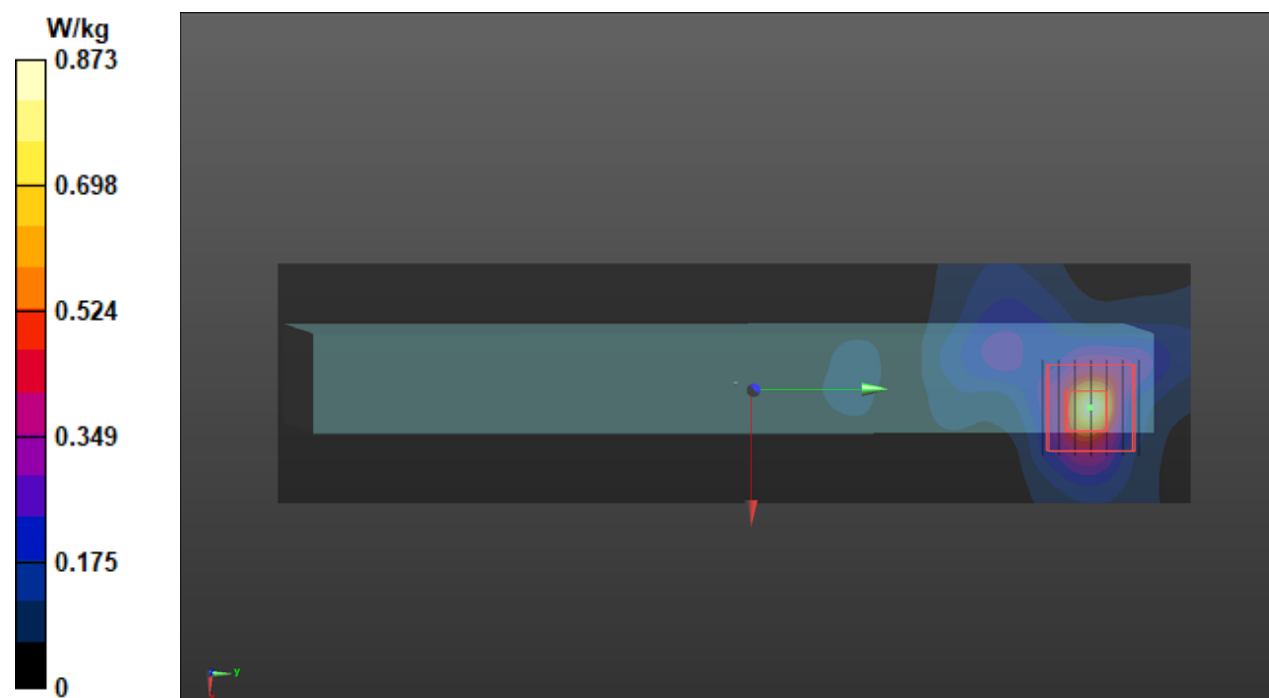
Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.107 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 63.6%

Maximum value of SAR (measured) = 0.907 W/kg



P36 BT_BDR_Rear Face_0mm_Ch78_Ant 1**DUT: BEDV-WTW-P20121079**

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2480 MHz; Duty Cycle: 1:1.31

Medium: H19T27N1_0324 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.907$ S/m; $\epsilon_r = 38.988$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.59, 7.59, 7.59) @ 2480 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x191x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0798 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.540 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0950 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.027 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 52.4%

Maximum value of SAR (measured) = 0.0778 W/kg

