

P01 802.11b_Right Side_0cm_1**DUT: EUT**

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.811$ S/m; $\epsilon_r = 38.17$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.74, 4.74, 4.74); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x61x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.47 W/kg

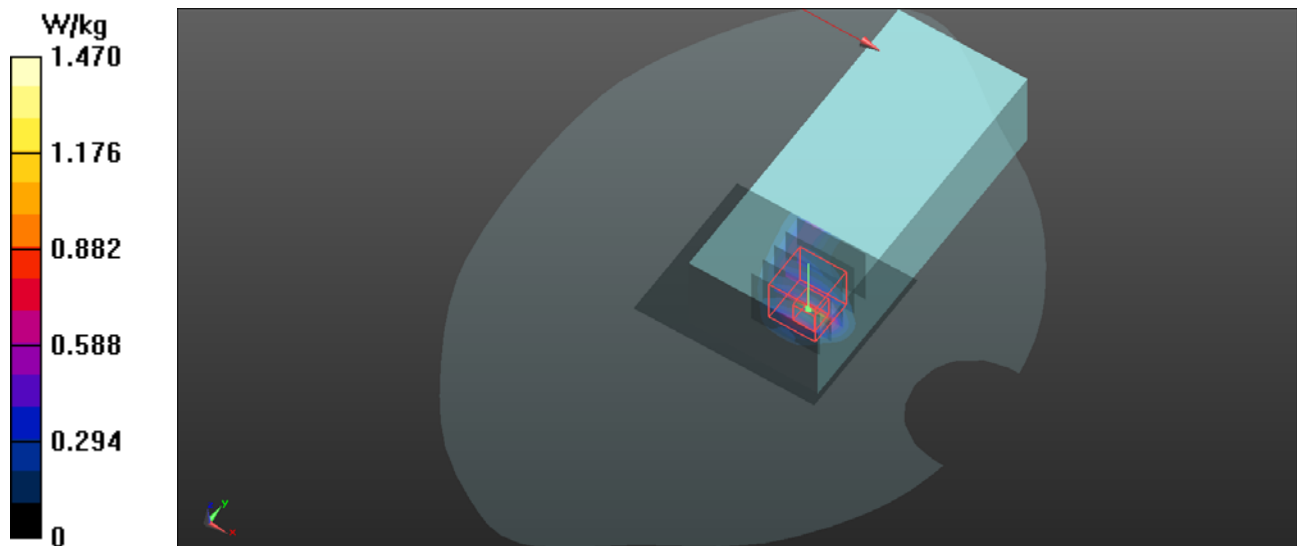
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.601 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.340 W/kg

Maximum value of SAR (measured) = 1.17 W/kg



P02 802.11n_HT40_Right Side_0cm_46**DUT: EUT**

Communication System: UID 0, 802.11n (0); Frequency: 5230 MHz; Duty Cycle: 1:1.1

Medium: HSL5G Medium parameters used: $f = 5230$ MHz; $\sigma = 4.739$ S/m; $\epsilon_r = 37.026$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(5.44, 5.44, 5.44); Calibrated: 5/29/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.70 W/kg

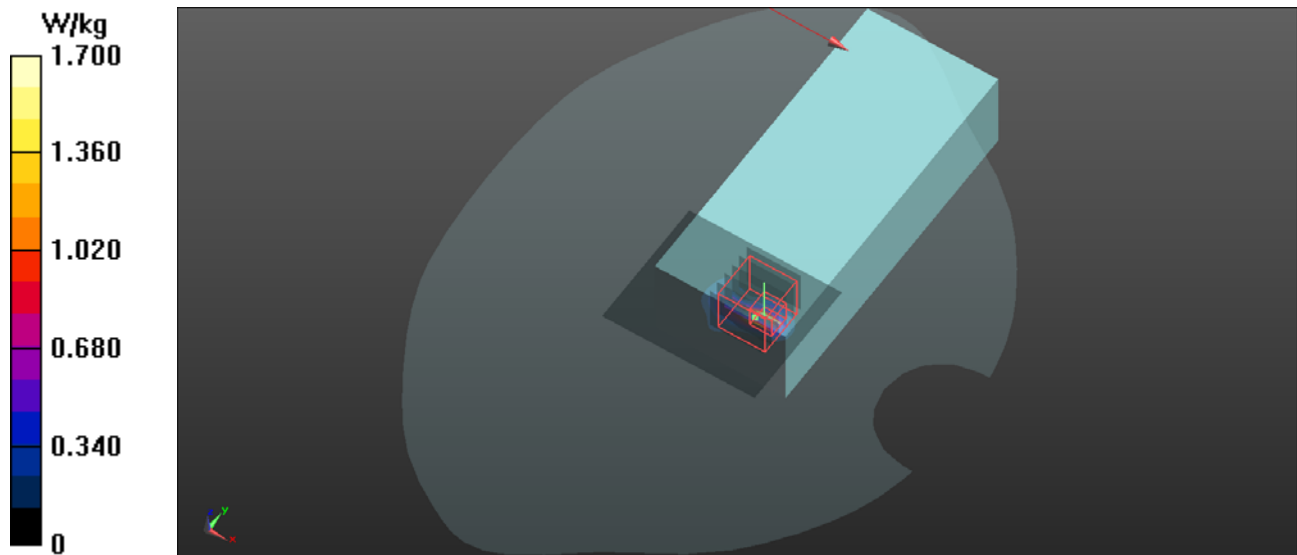
Configuration/Test/Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 9.851 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 5.31 W/kg

SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 2.33 W/kg



P03 802.11n_HT40_Right Side_0cm_134**DUT: EUT**

Communication System: UID 0, 802.11n (0); Frequency: 5670 MHz; Duty Cycle: 1:1.1

Medium: HSL5G Medium parameters used: $f = 5670$ MHz; $\sigma = 5.274$ S/m; $\epsilon_r = 36.077$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(4.75, 4.75, 4.75); Calibrated: 5/29/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.91 W/kg

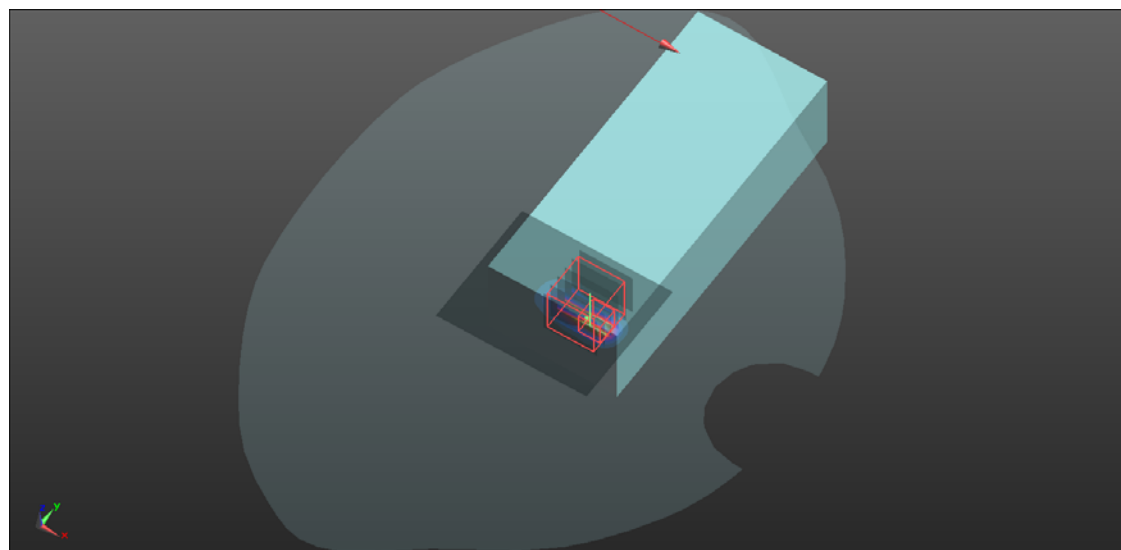
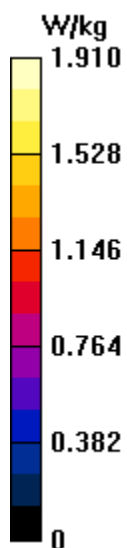
Configuration/Test/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 11.82 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 8.21 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 3.10 W/kg



P04 802.11n_HT20_Front Face_0cm_149**DUT: EUT**

Communication System: UID 0, 802.11n (0); Frequency: 5745 MHz; Duty Cycle: 1:1.1

Medium: HSL5G Medium parameters used: $f = 5745$ MHz; $\sigma = 5.378$ S/m; $\epsilon_r = 35.953$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(4.78, 4.78, 4.78); Calibrated: 5/29/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.91 W/kg

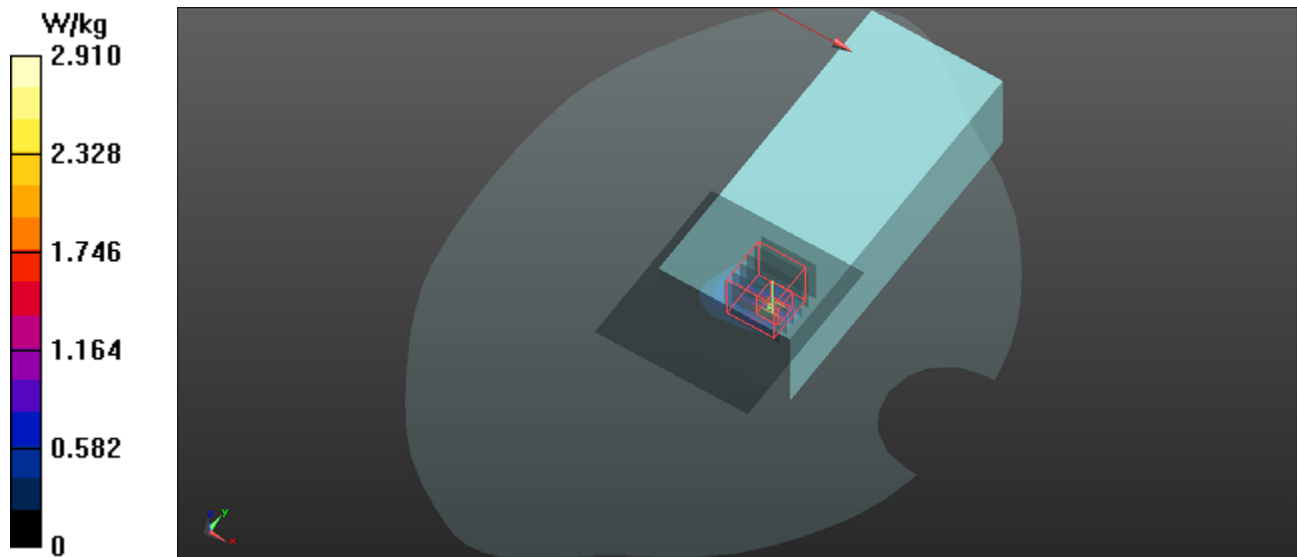
Configuration/Test/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 12.24 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 8.61 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 3.32 W/kg



P05 802.11b_Front Face_0cm_1**DUT: EUT**

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.811$ S/m; $\epsilon_r = 38.17$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.74, 4.74, 4.74); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x61x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.58 W/kg

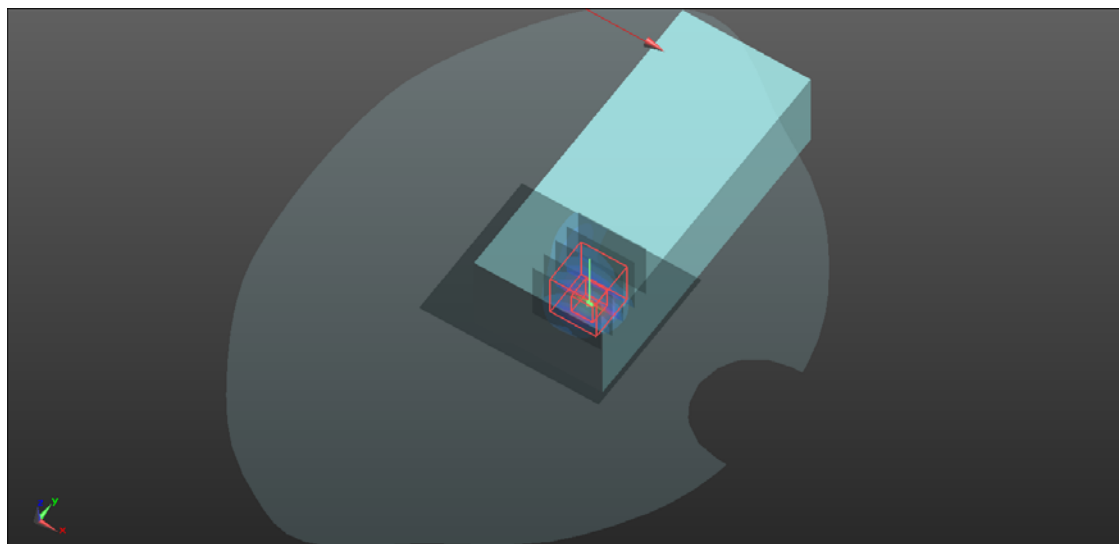
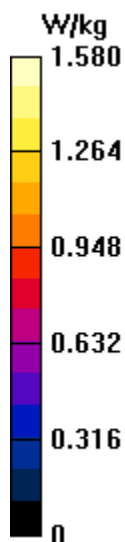
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.909 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.55 W/kg

SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.348 W/kg

Maximum value of SAR (measured) = 1.34 W/kg



P06 802.11n_HT40_Right Side_0cm_38**DUT: EUT**

Communication System: UID 0, 802.11n (0); Frequency: 5190 MHz; Duty Cycle: 1:1.1

Medium: HSL5G Medium parameters used: $f = 5190$ MHz; $\sigma = 4.691$ S/m; $\epsilon_r = 37.123$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(5.44, 5.44, 5.44); Calibrated: 5/29/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.37 W/kg

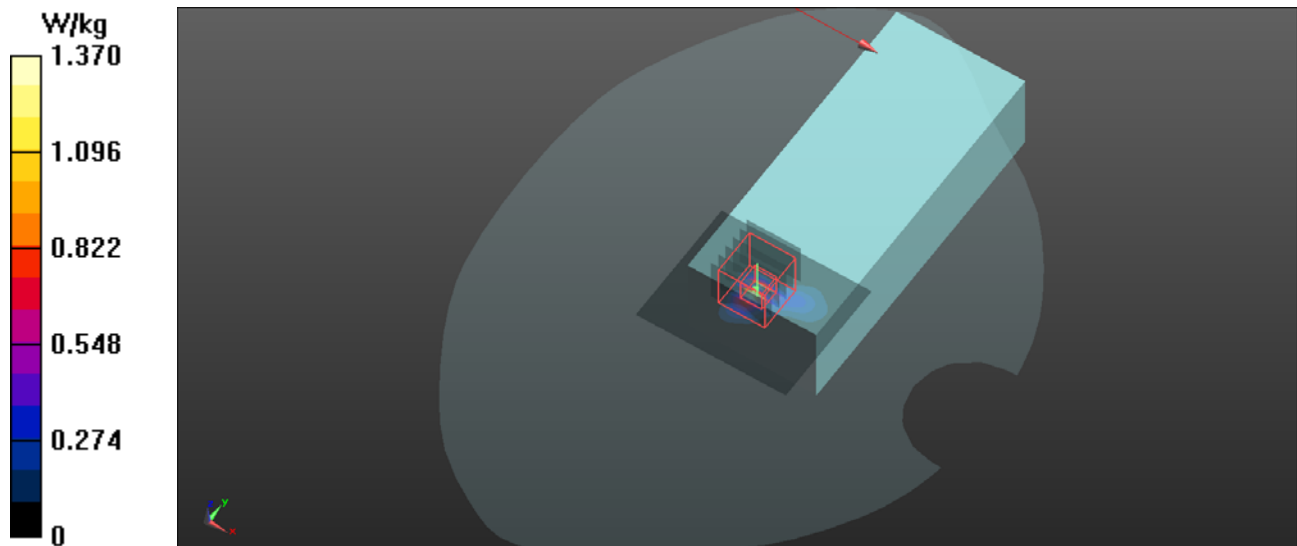
Configuration/Test/Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 20.51 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 7.99 W/kg

SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.131 W/kg

Maximum value of SAR (measured) = 2.17 W/kg



P07 802.11n_HT40_Front Face_0cm_134**DUT: EUT**

Communication System: UID 0, 802.11n (0); Frequency: 5670 MHz; Duty Cycle: 1:1.1

Medium: HSL5G Medium parameters used: $f = 5670$ MHz; $\sigma = 5.274$ S/m; $\epsilon_r = 36.077$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(4.75, 4.75, 4.75); Calibrated: 5/29/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.09 W/kg

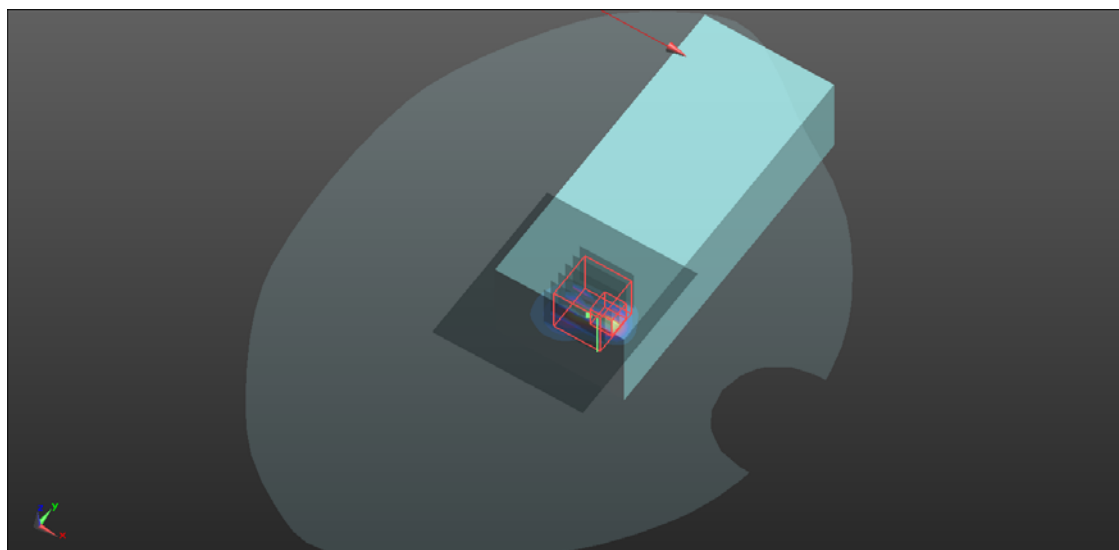
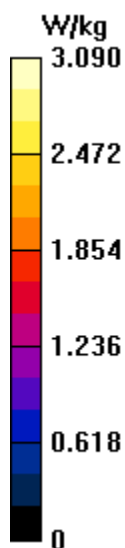
Configuration/Test/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 10.10 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 9.55 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.246 W/kg

Maximum value of SAR (measured) = 4.43 W/kg



P08 802.11n_HT20_Front Face_0cm_149**DUT: EUT**

Communication System: UID 0, 802.11n (0); Frequency: 5745 MHz; Duty Cycle: 1:1.1

Medium: HSL5G Medium parameters used: $f = 5745$ MHz; $\sigma = 5.378$ S/m; $\epsilon_r = 35.953$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(4.78, 4.78, 4.78); Calibrated: 5/29/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.31 W/kg

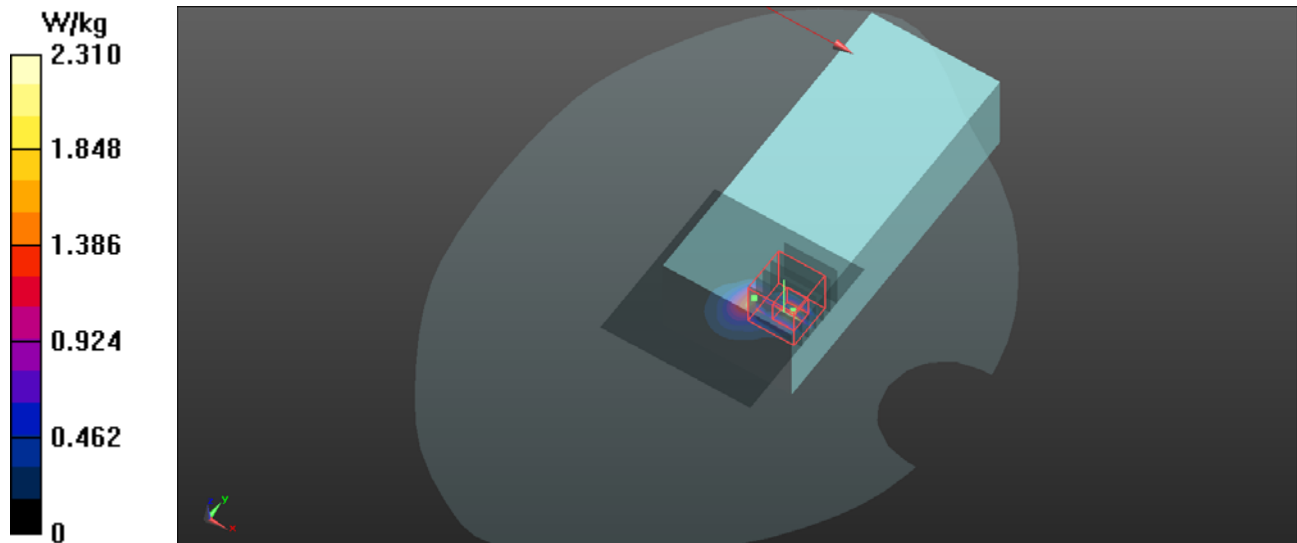
Configuration/Test/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 10.28 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 7.22 W/kg

SAR(1 g) = 0.978 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 3.12 W/kg



P09 802.11b_Right Side_0cm_1**DUT: EUT**

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.973$ S/m; $\epsilon_r = 52.917$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.57, 4.57, 4.57); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.49 W/kg

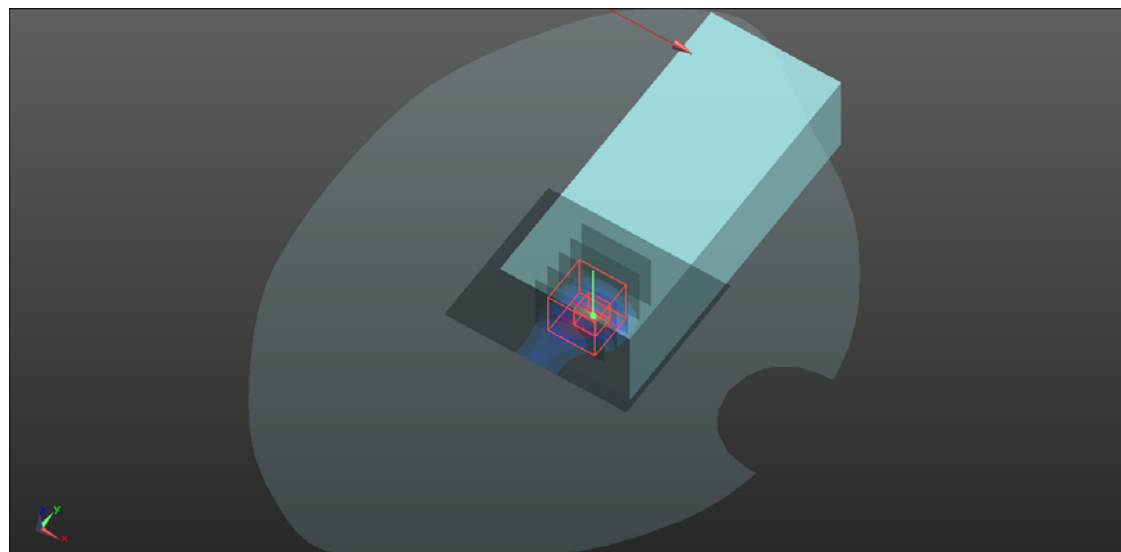
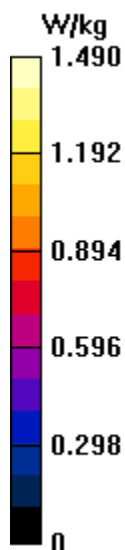
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.46 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.326 W/kg

Maximum value of SAR (measured) = 1.20 W/kg



P10 802.11n_HT40_Right Side_0cm_38**DUT: EUT**

Communication System: UID 0, 802.11n (0); Frequency: 5190 MHz; Duty Cycle: 1:1.1

Medium: MSL5G Medium parameters used: $f = 5190$ MHz; $\sigma = 5.231$ S/m; $\epsilon_r = 49.519$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(4.96, 4.96, 4.96); Calibrated: 5/29/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.57 W/kg

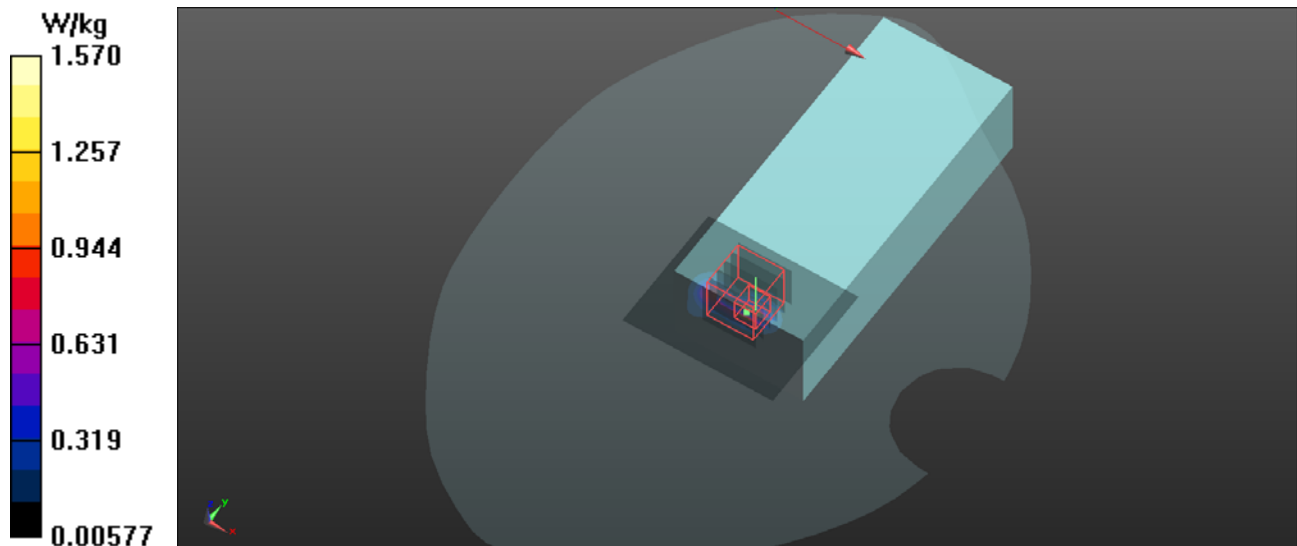
Configuration/Test/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 9.606 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.39 W/kg

SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.17 W/kg

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



P11 802.11n_HT40_Front Face_0cm_134**DUT: EUT**

Communication System: UID 0, 802.11n (0); Frequency: 5670 MHz; Duty Cycle: 1:1.1

Medium: MSL5G Medium parameters used: $f = 5670$ MHz; $\sigma = 5.896$ S/m; $\epsilon_r = 48.531$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(4.22, 4.22, 4.22); Calibrated: 5/29/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.67 W/kg

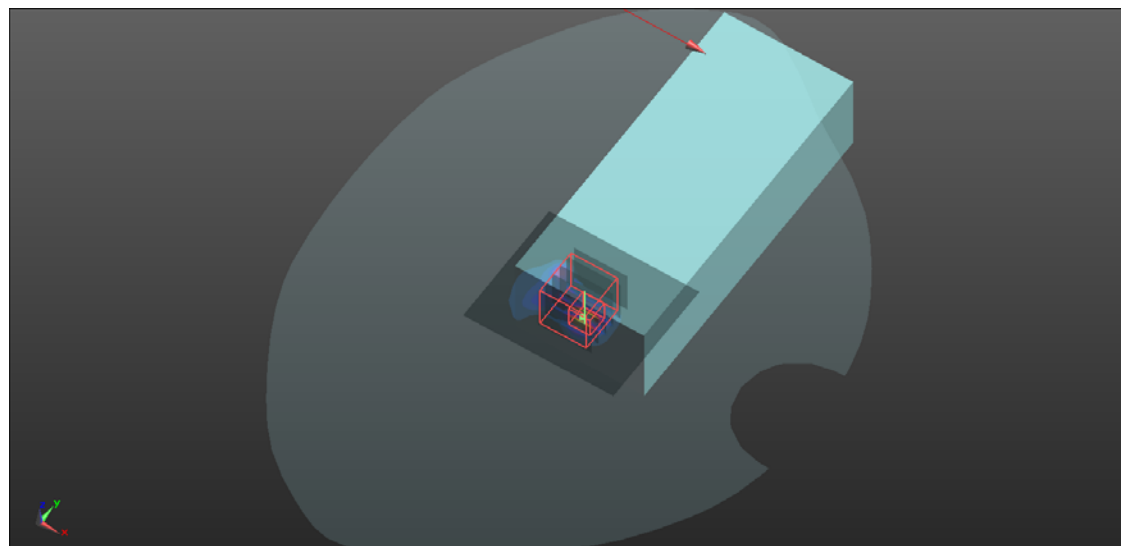
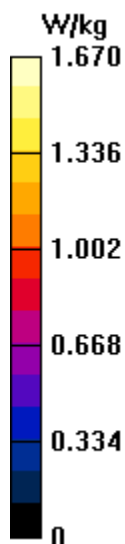
Configuration/Test/Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 7.318 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 4.69 W/kg

SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 1.70 W/kg



P12 802.11n_HT20_Front Face_0cm_149**DUT: EUT**

Communication System: UID 0, 802.11n (0); Frequency: 5745 MHz; Duty Cycle: 1:1.1

Medium: MSL5G Medium parameters used: $f = 5745$ MHz; $\sigma = 6.012$ S/m; $\epsilon_r = 48.583$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(4.34, 4.34, 4.34); Calibrated: 5/29/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.88 W/kg

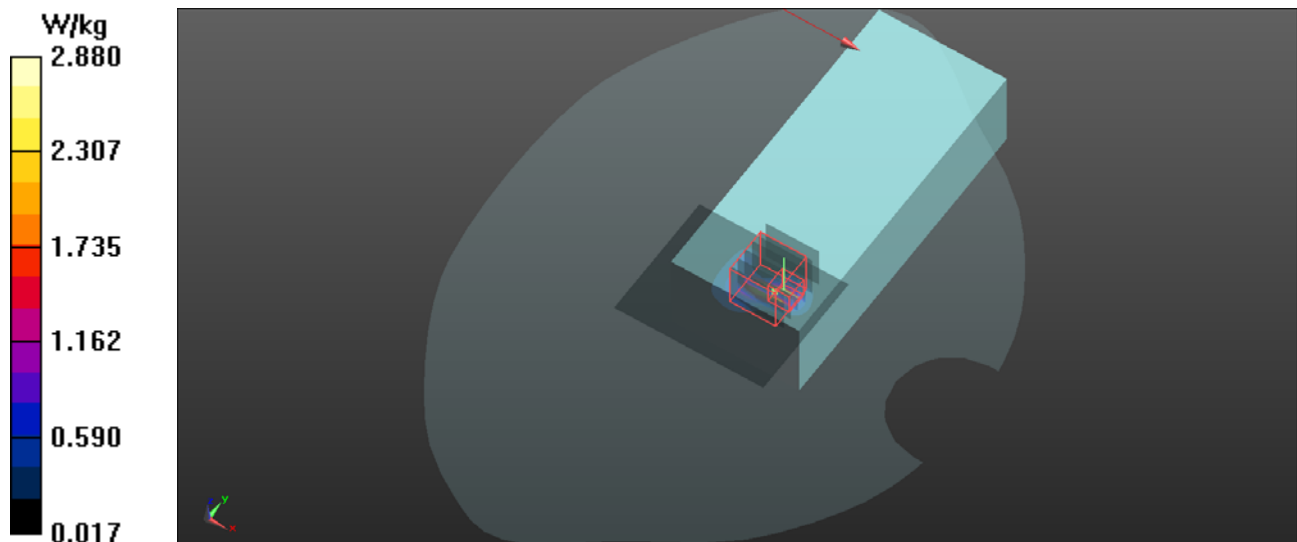
Configuration/Test/Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 10.17 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 9.23 W/kg

SAR(1 g) = 0.709 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 3.25 W/kg



P13 802.11b_Front Face_0cm_1**DUT: EUT**

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.973$ S/m; $\epsilon_r = 52.917$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.57, 4.57, 4.57); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

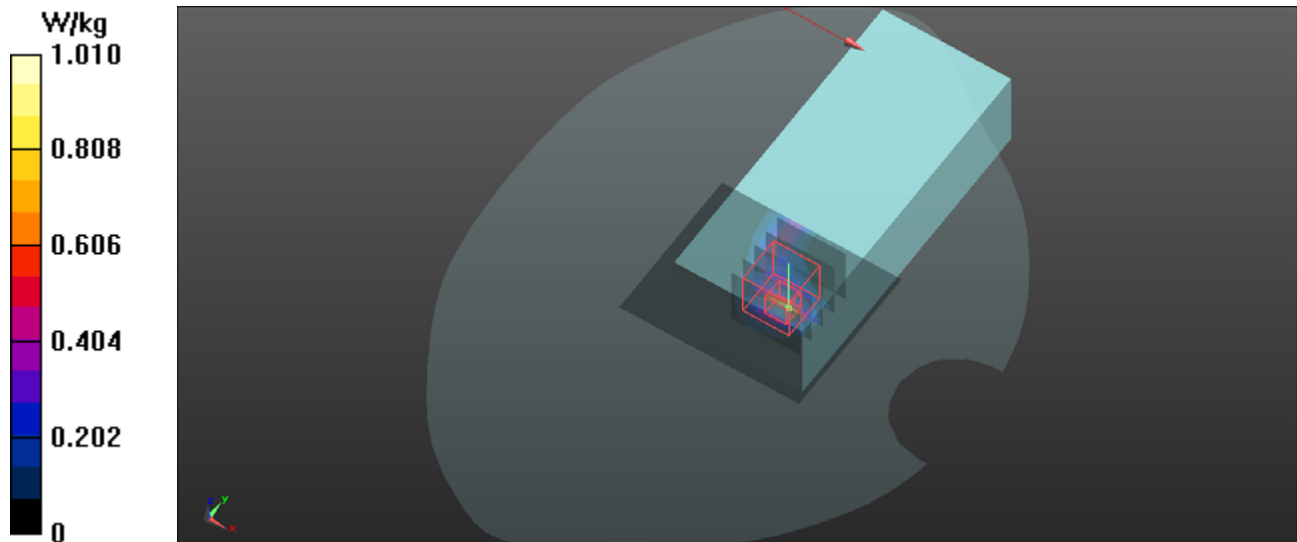
Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.199 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.634 W/kg; SAR(10 g) = 0.246 W/kg

Maximum value of SAR (measured) = 0.910 W/kg



P14 802.11n_HT40_Right Side_0cm_38**DUT: EUT**

Communication System: UID 0, 802.11n (0); Frequency: 5190 MHz; Duty Cycle: 1:1.1

Medium: MSL5G Medium parameters used: $f = 5190$ MHz; $\sigma = 5.231$ S/m; $\epsilon_r = 49.519$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(4.96, 4.96, 4.96); Calibrated: 5/29/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.36 W/kg

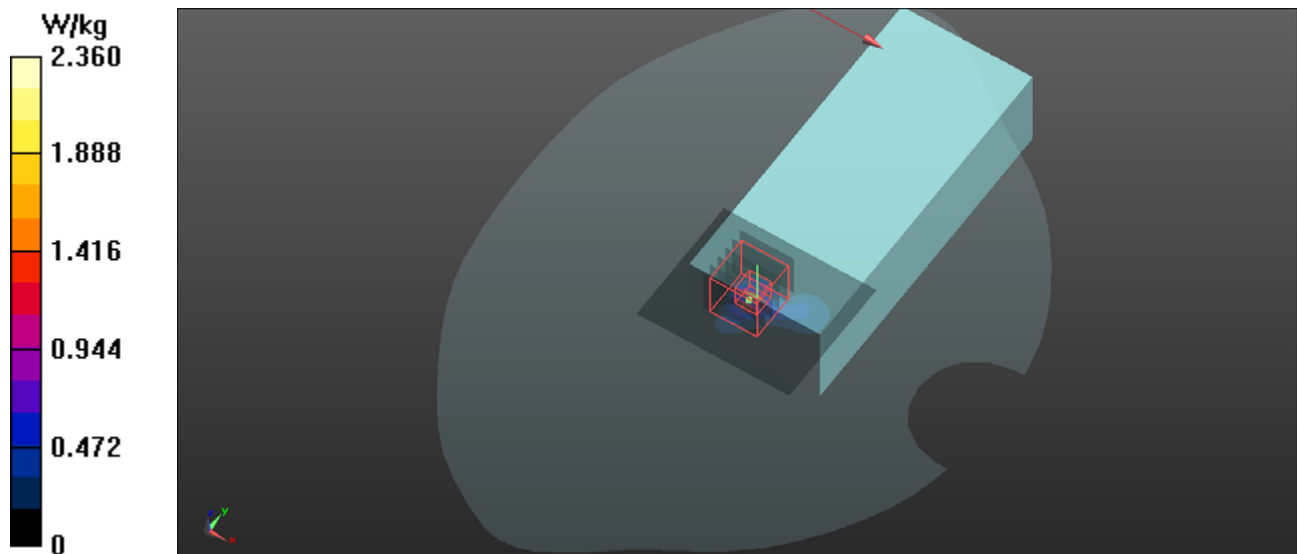
Configuration/Test/Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 24.11 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 5.75 W/kg

SAR(1 g) = 0.887 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 2.78 W/kg



P15 802.11n_HT40_Right Side_0cm_134**DUT: EUT**

Communication System: UID 0, 802.11n (0); Frequency: 5670 MHz; Duty Cycle: 1:1.1

Medium: MSL5G Medium parameters used: $f = 5670$ MHz; $\sigma = 5.896$ S/m; $\epsilon_r = 48.531$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(4.22, 4.22, 4.22); Calibrated: 5/29/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.50 W/kg

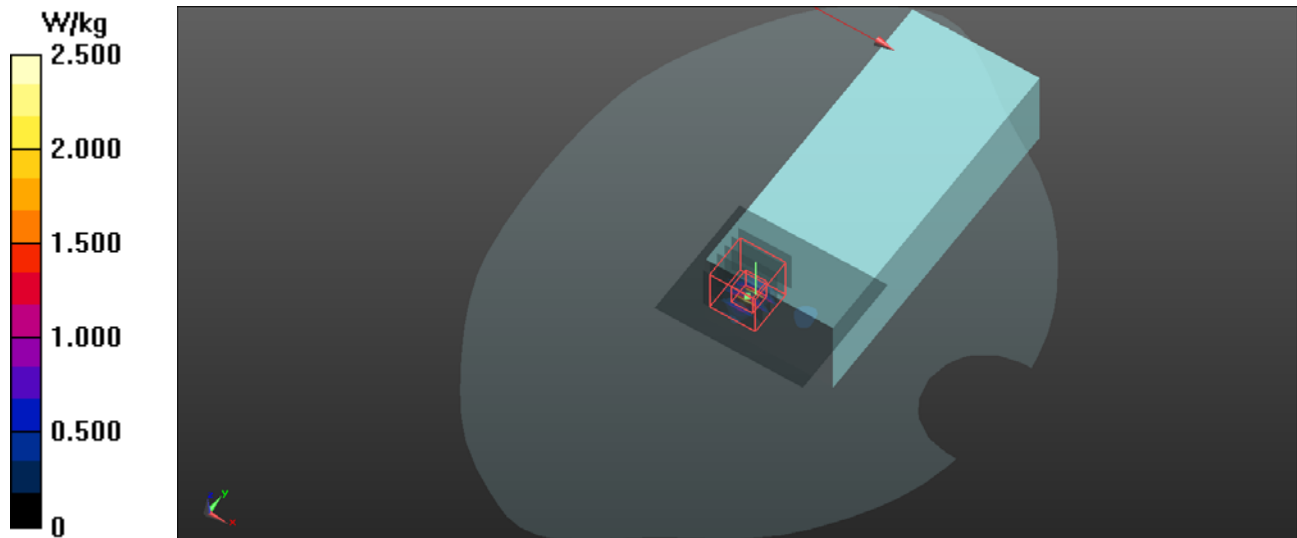
Configuration/Test/Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 7.567 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 5.54 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 3.33 W/kg



P16 802.11n_HT20_Right Side_0cm_149**DUT: EUT**

Communication System: UID 0, 802.11n (0); Frequency: 5745 MHz; Duty Cycle: 1:1.1

Medium: MSL5G Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.012 \text{ S/m}$; $\epsilon_r = 48.583$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(4.34, 4.34, 4.34); Calibrated: 5/29/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Configuration/Test/Area Scan (71x61x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 2.87 W/kg

Configuration/Test/Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=2\text{mm}$

Reference Value = 21.37 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 6.55 W/kg

SAR(1 g) = 0.985 W/kg ; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 2.88 W/kg

