

Test Laboratory: UnionTrust

System Check_H850

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.892 \text{ mho/m}$; $\epsilon_r = 42.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.34, 6.34, 6.34); Calibrated: 2018-4-3
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2018-5-11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

system check/Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.12 mW/g

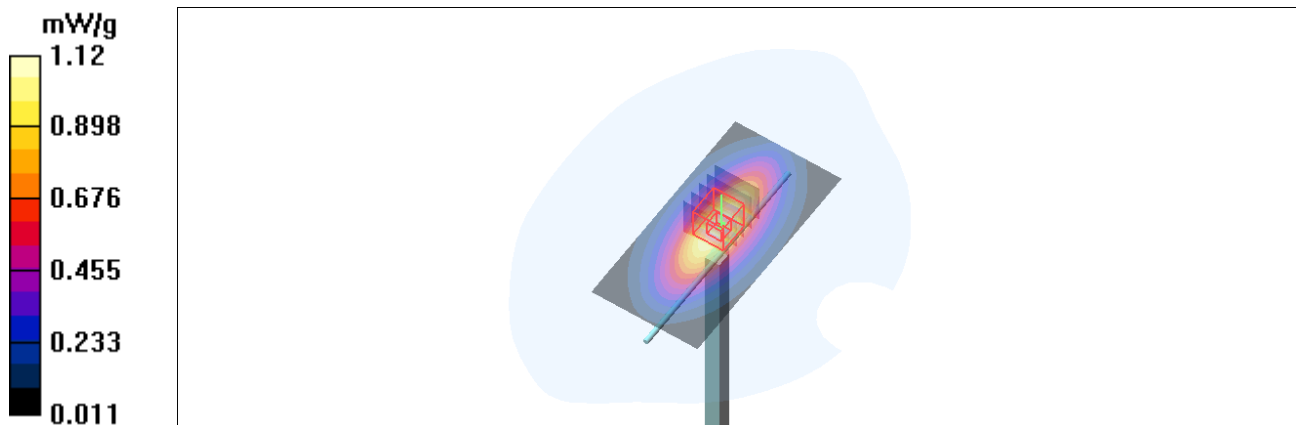
system check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.0 V/m ; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.955 mW/g ; SAR(10 g) = 0.604 mW/g

Maximum value of SAR (measured) = 1.13 mW/g



Test Laboratory: UnionTrust

System Check_H1900

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.92, 4.92, 4.92); Calibrated: 2018-4-3
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2018-5-11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

system check/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 5.57 mW/g

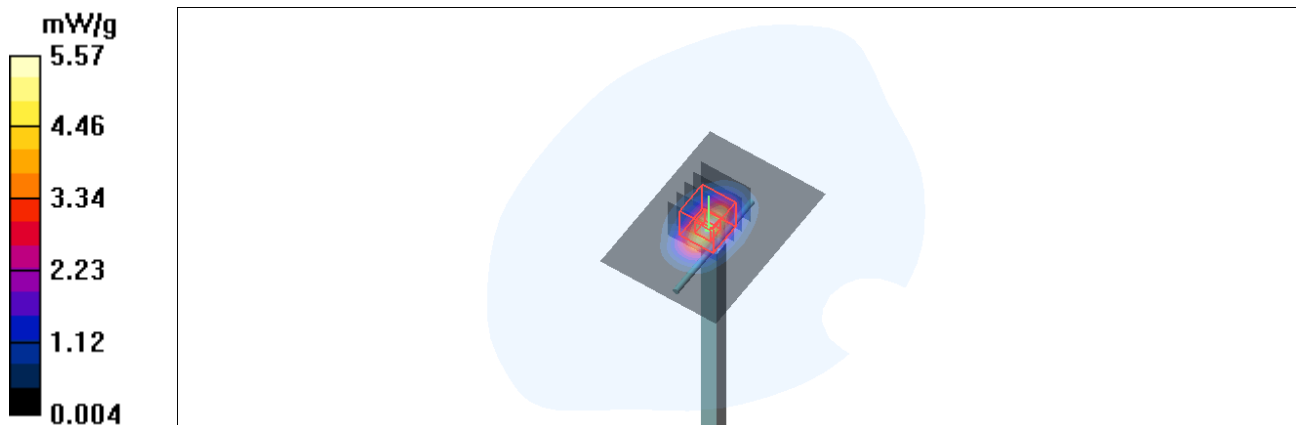
system check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 59.3 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 7.43 W/kg

SAR(1 g) = 3.84 mW/g; SAR(10 g) = 1.91 mW/g

Maximum value of SAR (measured) = 4.94 mW/g



Test Laboratory: UnionTrust

System Check_H2450

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 37.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.54, 4.54, 4.54); Calibrated: 2018-4-3
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2018-5-11
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

system check/Area Scan (51x71x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 8.47 mW/g

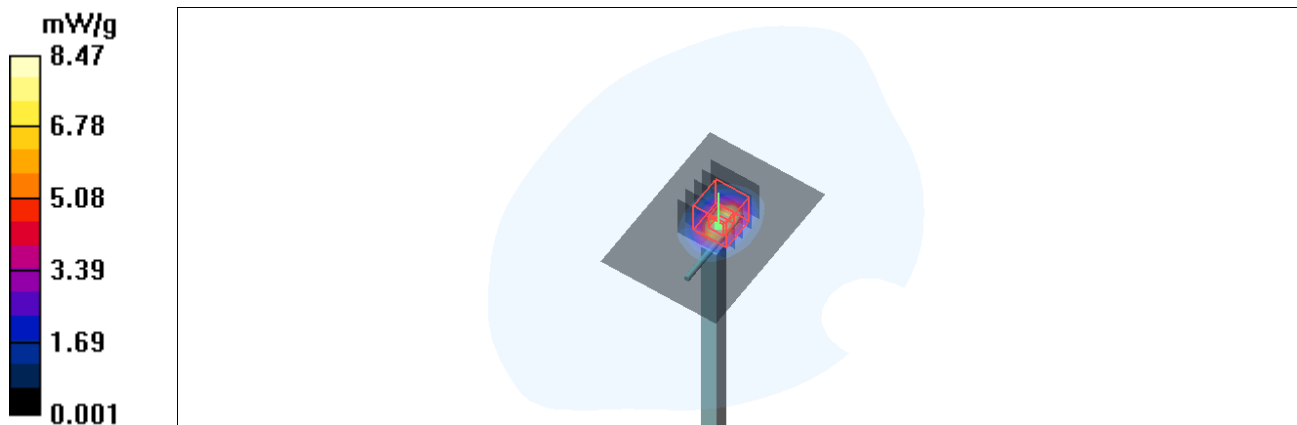
system check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 62.8 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 11.9 W/kg

SAR(1 g) = 5.64 mW/g; SAR(10 g) = 2.67 mW/g

Maximum value of SAR (measured) = 7.36 mW/g



Test Laboratory: UnionTrust

System Check_B850

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.992 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.41, 6.41, 6.41); Calibrated: 2018-4-3
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2018-5-11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

system check/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.11 mW/g

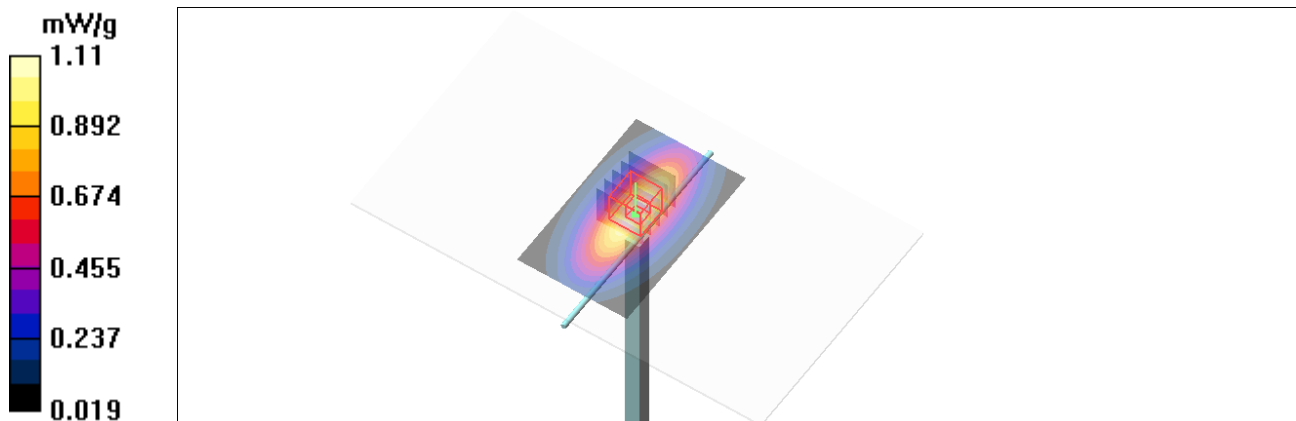
system check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.3 V/m ; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.942 mW/g ; SAR(10 g) = 0.604 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



Test Laboratory: UnionTrust

System Check_B1900

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Phantom section: Center Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.48, 4.48, 4.48); Calibrated: 2018-4-3
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2018-5-11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

system check/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 6.54 mW/g

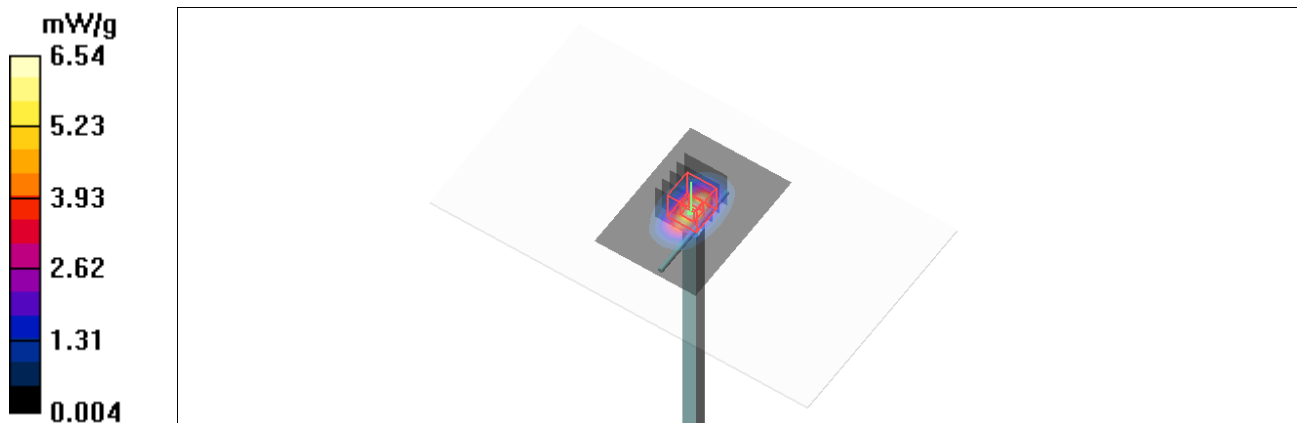
system check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.7 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 8.00 W/kg

SAR(1 g) = 4.18 mW/g; SAR(10 g) = 2.25 mW/g

Maximum value of SAR (measured) = 5.60 mW/g



Test Laboratory: UnionTrust

System Check_B2450

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.43, 4.43, 4.43); Calibrated: 2018-4-3
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2018-5-11
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

system check/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 8.26 mW/g

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

Reference Value = 60.5 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 11.4 W/kg

SAR(1 g) = 5.45 mW/g; SAR(10 g) = 2.51 mW/g

Maximum value of SAR (measured) = 7.08 mW/g

