

System Check_H835_24dBm

DUT: Dipole 835 MHz

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: H835 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.887 \text{ S/m}$; $\epsilon_r = 41.197$; $\rho = 1000 \text{ kg/m}^3$

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.2, 6.2, 6.2) @ 835 MHz; Calibrated: 2024/3/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2024/3/18
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (51x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.89 W/kg

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

Reference Value = 57.69 V/m ; Power Drift = 0.01 dB

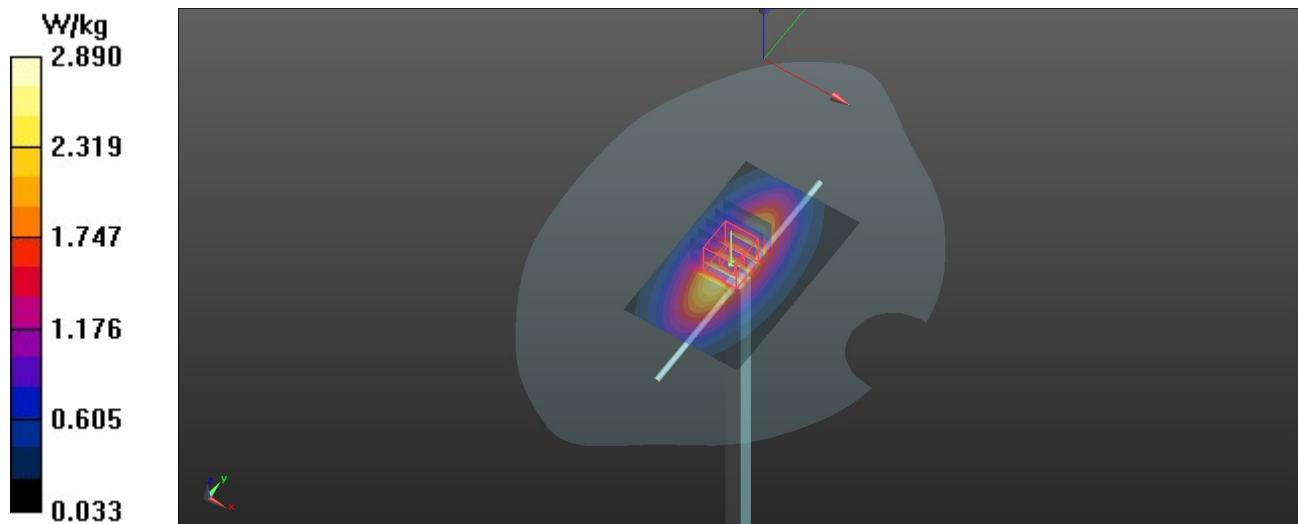
Peak SAR (extrapolated) = 3.64 W/kg

SAR(1 g) = 2.42 W/kg ; SAR(10 g) = 1.58 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 66.4%

Maximum value of SAR (measured) = 2.84 W/kg



System Check_H835_24dBm

DUT: Dipole 835 MHz

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: H835 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 41.443$; $\rho = 1000 \text{ kg/m}^3$

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.2, 6.2, 6.2) @ 835 MHz; Calibrated: 2024/3/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2024/3/18
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (51x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.94 W/kg

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

Reference Value = 57.98 V/m ; Power Drift = 0.01 dB

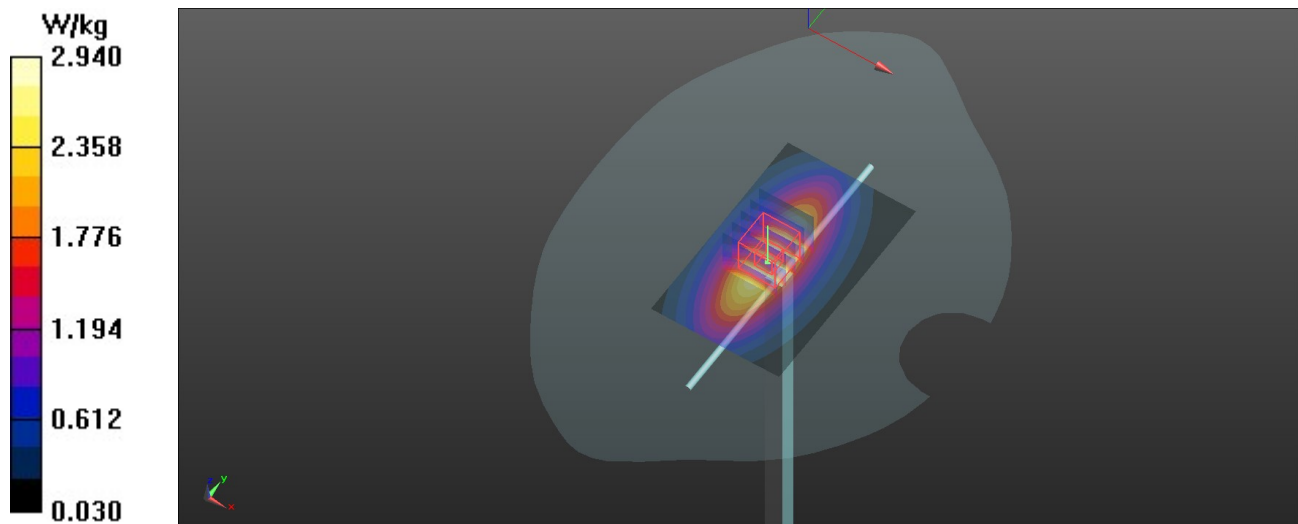
Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 2.5 W/kg ; SAR(10 g) = 1.63 W/kg

Smallest distance from peaks to all points 3 dB below = 18.6 mm

Ratio of SAR at M2 to SAR at M1 = 66.7%

Maximum value of SAR (measured) = 2.94 W/kg



System Check_H1750_24dBm

DUT: Dipole 1750 MHz

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1

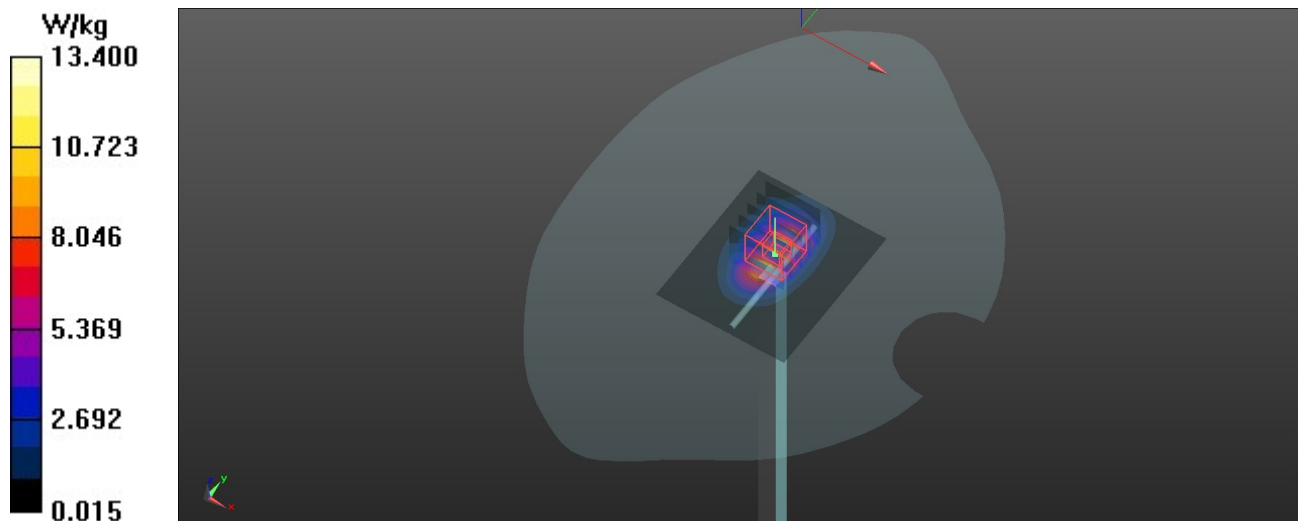
Medium: H1750 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.364$ S/m; $\epsilon_r = 40.313$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.4, 5.4, 5.4) @ 1750 MHz; Calibrated: 2024/3/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2024/3/18
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (51x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 13.4 W/kg

System check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 96.30 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 16.2 W/kg
SAR(1 g) = 9.38 W/kg; SAR(10 g) = 5.13 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 58.5%
Maximum value of SAR (measured) = 11.7 W/kg



System Check_H1900_24dBm

DUT: Dipole 1900 MHz

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: H1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.437$ S/m; $\epsilon_r = 39.739$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.12, 5.12, 5.12) @ 1900 MHz; Calibrated: 2024/3/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2024/3/18
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (51x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 14.2 W/kg

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

Reference Value = 96.85 V/m; Power Drift = -0.08 dB

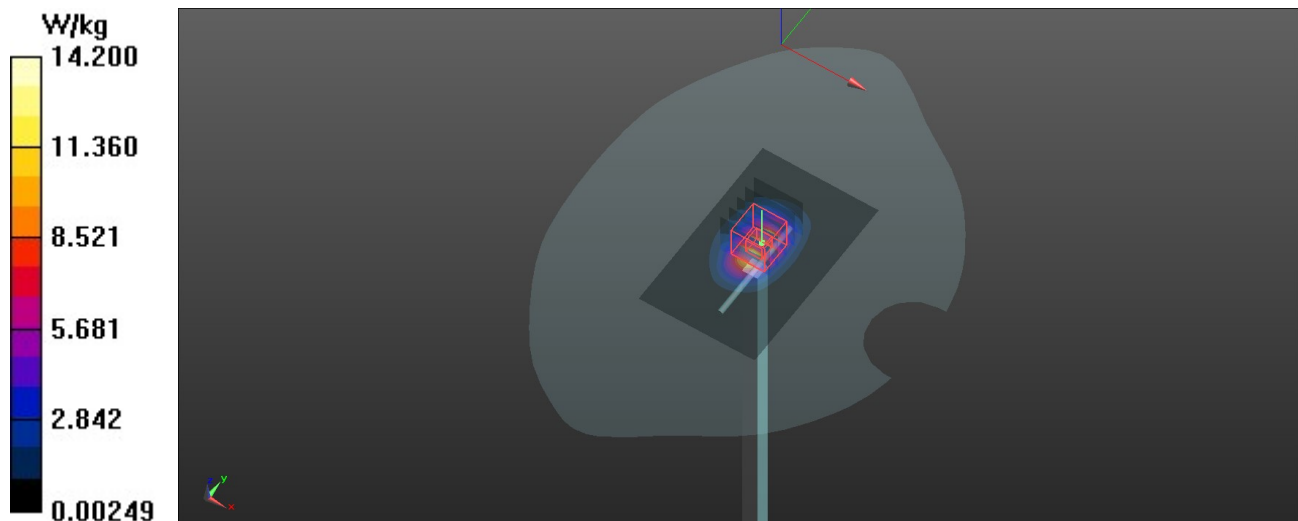
Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.3 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 56.3%

Maximum value of SAR (measured) = 12.6 W/kg



System Check_H1900_24dBm

DUT: Dipole 1900 MHz

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

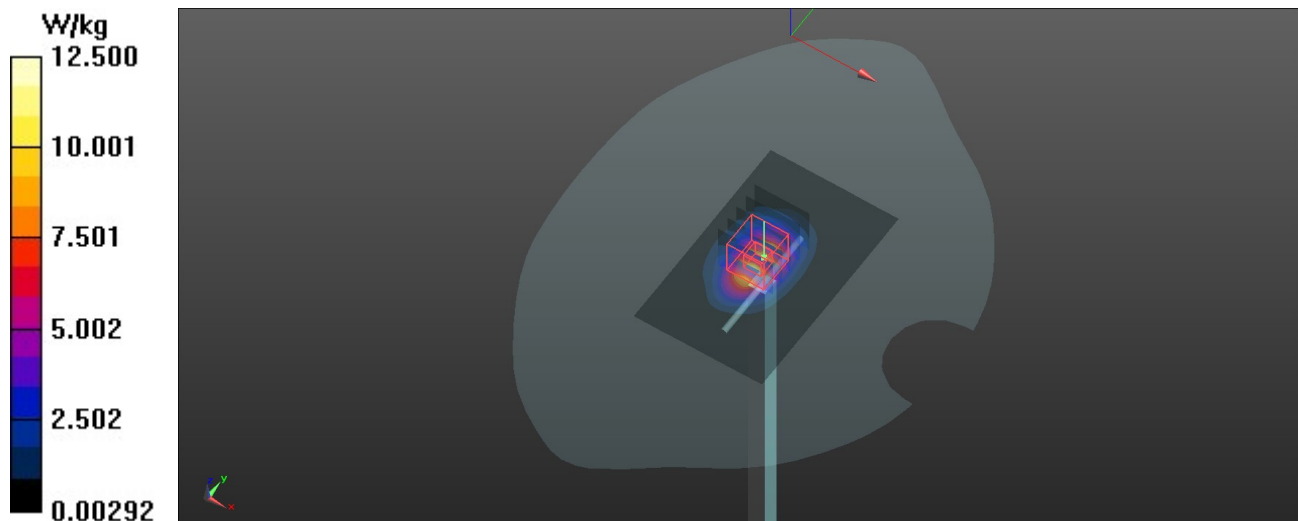
Medium: H1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 41.33$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.12, 5.12, 5.12) @ 1900 MHz; Calibrated: 2024/3/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2024/3/18
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (51x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 12.5 W/kg

System check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 94.95 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 9.34 W/kg; SAR(10 g) = 4.91 W/kg
Smallest distance from peaks to all points 3 dB below = 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 56.9%
Maximum value of SAR (measured) = 11.6 W/kg



System Check_H1900_24dBm

DUT: Dipole 1900 MHz

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

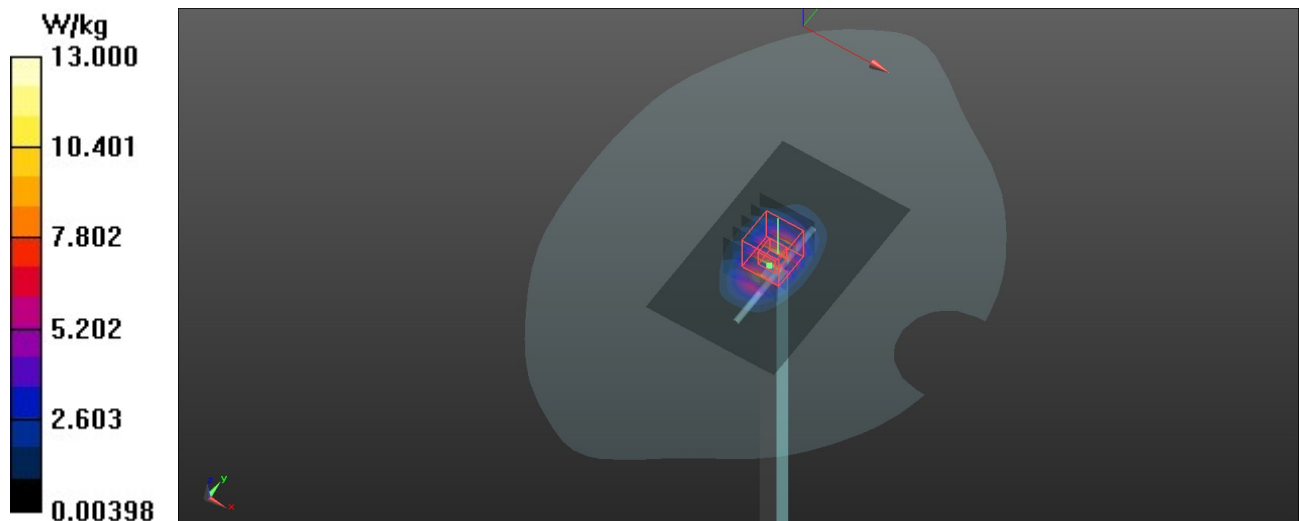
Medium: H1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.388$ S/m; $\epsilon_r = 39.821$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.12, 5.12, 5.12) @ 1900 MHz; Calibrated: 2024/3/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2024/3/18
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (51x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 13.0 W/kg

System check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 96.99 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 16.3 W/kg
SAR(1 g) = 9.34 W/kg; SAR(10 g) = 4.99 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 58.6%
Maximum value of SAR (measured) = 11.4 W/kg



System Check_H2450_24dBm**DUT: Dipole 2450 MHz**

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

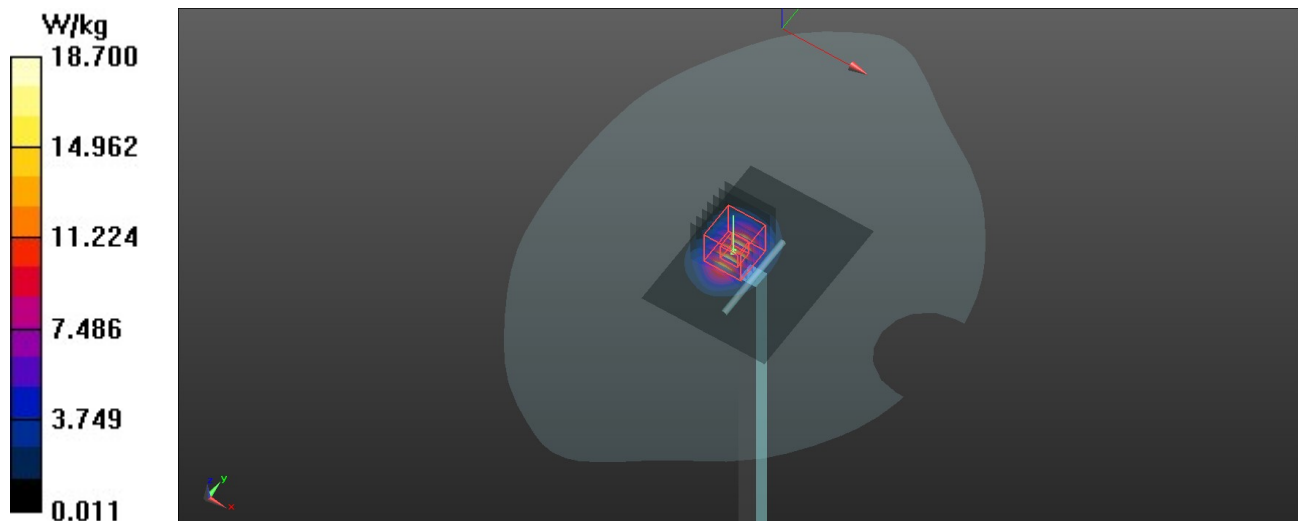
Medium: H2450 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.783$ S/m; $\epsilon_r = 40.18$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.63, 4.63, 4.63) @ 2450 MHz; Calibrated: 2024/3/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2024/3/18
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (61x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 18.7 W/kg

System check/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 71.21 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 28.9 W/kg
SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.57 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 50.6%
Maximum value of SAR (measured) = 18.7 W/kg



System Check_H2600_24dBm**DUT: Dipole 2600 MHz**

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

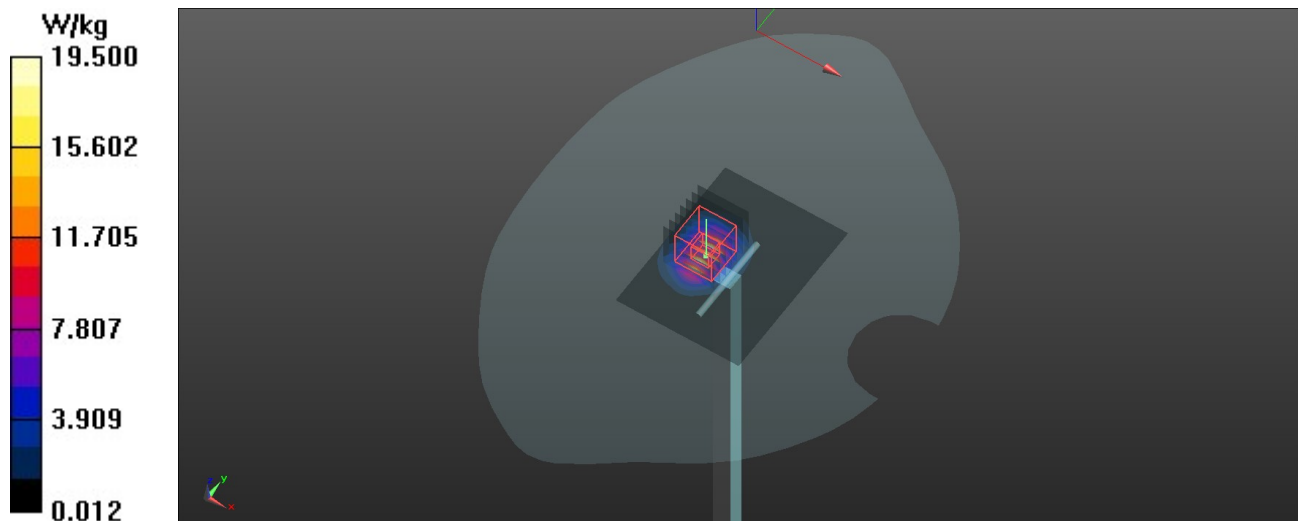
Medium: H2600 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.053$ S/m; $\epsilon_r = 38.335$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.5, 4.5, 4.5) @ 2600 MHz; Calibrated: 2024/3/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2024/3/18
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (61x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 19.5 W/kg

System check/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 61.47 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 31.5 W/kg
SAR(1 g) = 14.6 W/kg; SAR(10 g) = 6.51 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 48%
Maximum value of SAR (measured) = 19.8 W/kg



System Check-D5GHz_H5250

DUT: Dipole D5GHzV2 SN:1115

Communication System: UID 0, CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5250$ MHz; $\sigma = 4.561$ S/m; $\epsilon_r = 37.438$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN7738; ConvF(5.38, 5.38, 5.38) @ 5250 MHz; Calibrated: 2023/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1725; Calibrated: 2023/10/26
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.4 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 73.12 V/m; Power Drift = -0.03 dB

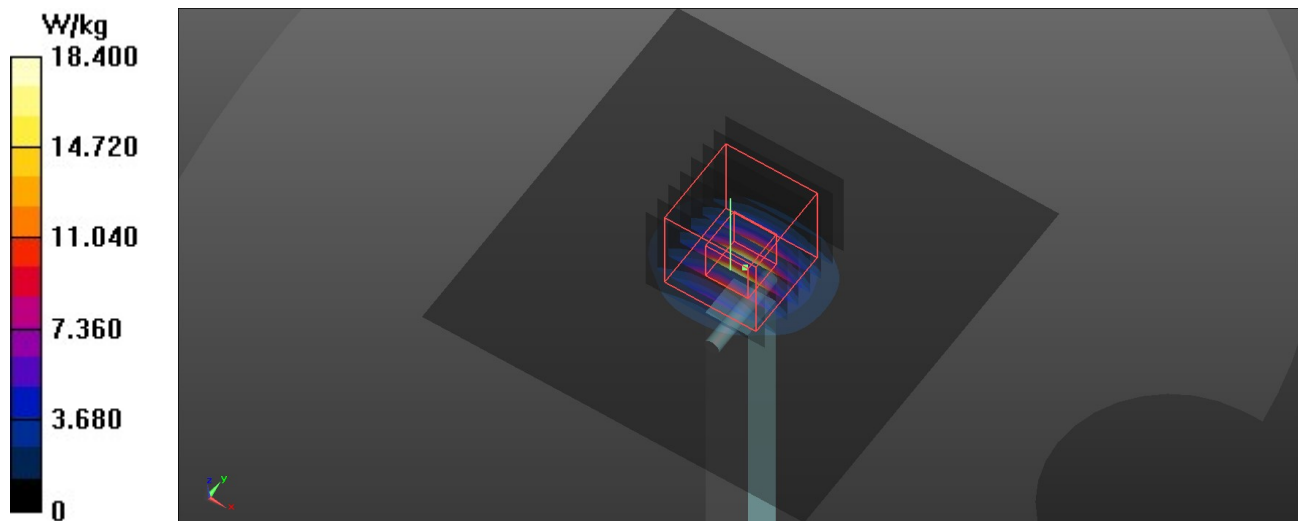
Peak SAR (extrapolated) = 32.5 W/kg

SAR(1 g) = 7.95 W/kg; SAR(10 g) = 2.26 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 64.7%

Maximum value of SAR (measured) = 18.7 W/kg



System Check-D5GHz_H5600

DUT: Dipole D5GHzV2 SN:1115

Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5600$ MHz; $\sigma = 4.938$ S/m; $\epsilon_r = 36.734$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN7738; ConvF(4.65, 4.65, 4.65) @ 5600 MHz; Calibrated: 2023/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1725; Calibrated: 2023/10/26
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.4 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 73.28 V/m; Power Drift = -0.03 dB

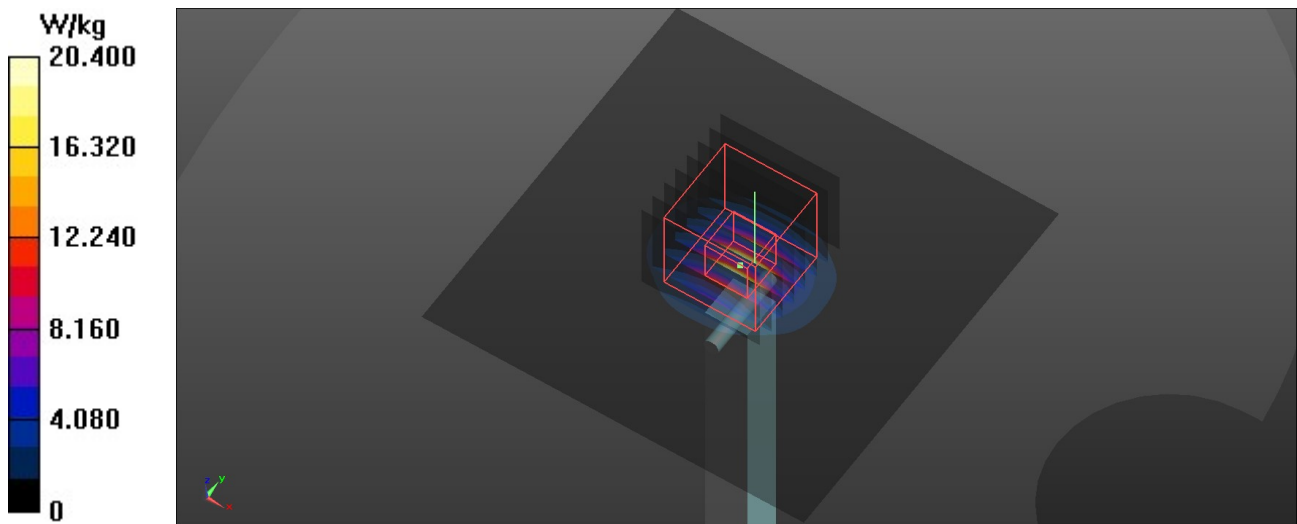
Peak SAR (extrapolated) = 37.5 W/kg

SAR(1 g) = 8.4 W/kg; SAR(10 g) = 2.36 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.9%

Maximum value of SAR (measured) = 20.3 W/kg



System Check-D5GHz_H5800

DUT: Dipole D5GHzV2 SN:1115

Communication System: UID 0, CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5800$ MHz; $\sigma = 5.145$ S/m; $\epsilon_r = 36.469$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN7738; ConvF(4.74, 4.74, 4.74) @ 5800 MHz; Calibrated: 2023/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1725; Calibrated: 2023/10/26
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.8 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 73.10 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 39.8 W/kg

SAR(1 g) = 8.3 W/kg; SAR(10 g) = 2.31 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 59.5%

Maximum value of SAR (measured) = 20.6 W/kg

