System Check-D750V2_H750

DUT: Dipole 750 MHz D750V3 SN:1066

Communication System: UID 0, CW; Frequency: 750 MHz;Duty Cycle: 1:1
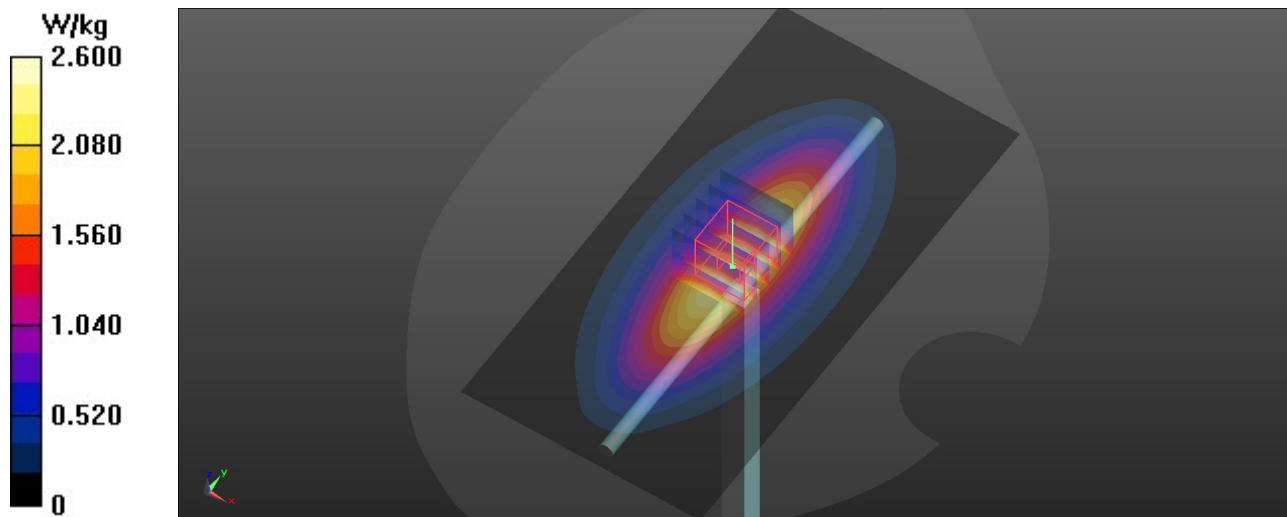Medium: H750 Medium parameters used: f = 750 MHz; σ = 0.896 S/m; $ε_r$ = 40.59; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(10.04, 10.04, 10.04) @ 750 MHz; Calibrated: 2023/6/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2023/6/26
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250 mW/Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.60 W/kg

Pin=250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.09 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.04 W/kg
SAR(1 g) = 1.99 W/kg; SAR(10 g) = 1.3 W/kg
Smallest distance from peaks to all points 3 dB below = 16 mm
Ratio of SAR at M2 to SAR at M1 = 65.2%
Maximum value of SAR (measured) = 2.68 W/kg

System Check-D750V2_H750

DUT: Dipole 750 MHz D750V3 SN:1109

Communication System: UID 0, CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: H750 Medium parameters used: f = 750 MHz; σ = 0.89 S/m; ε_r = 43.4; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(10.04, 10.04, 10.04) @ 750 MHz; Calibrated: 2023/6/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2023/6/26
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250 mW/Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.78 W/kg

Pin=250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
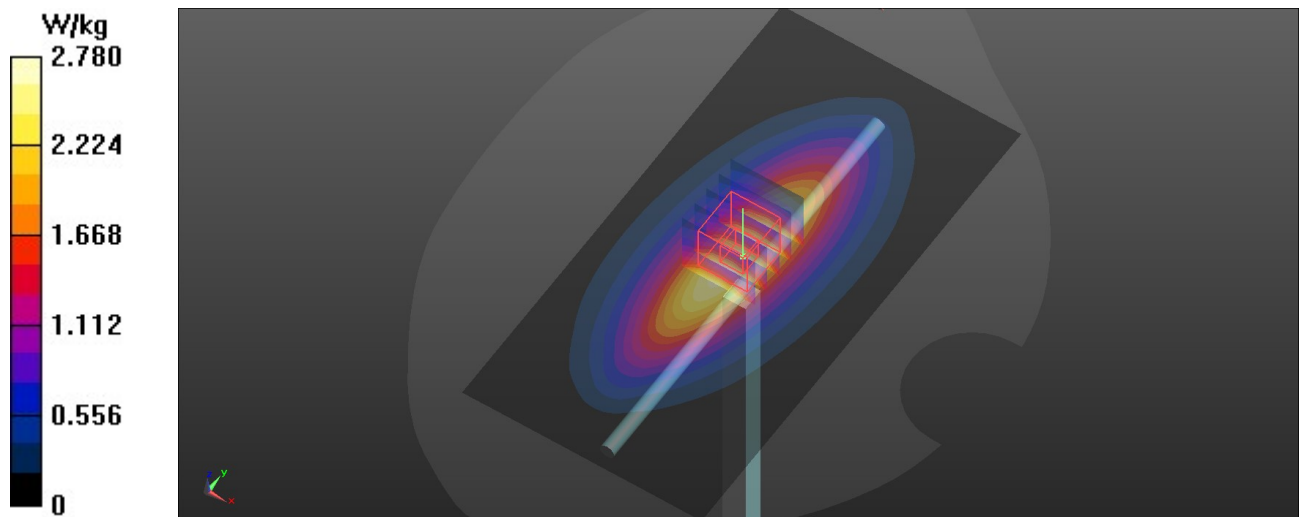Reference Value = 58.80 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.23 W/kg
SAR(1 g) = 2.13 W/kg; SAR(10 g) = 1.4 W/kg
Smallest distance from peaks to all points 3 dB below = 16.3 mm
Ratio of SAR at M2 to SAR at M1 = 65.9%
Maximum value of SAR (measured) = 2.85 W/kg

System Check-D835V2_H835

DUT: Dipole 835 MHz D835V2 SN:4d005

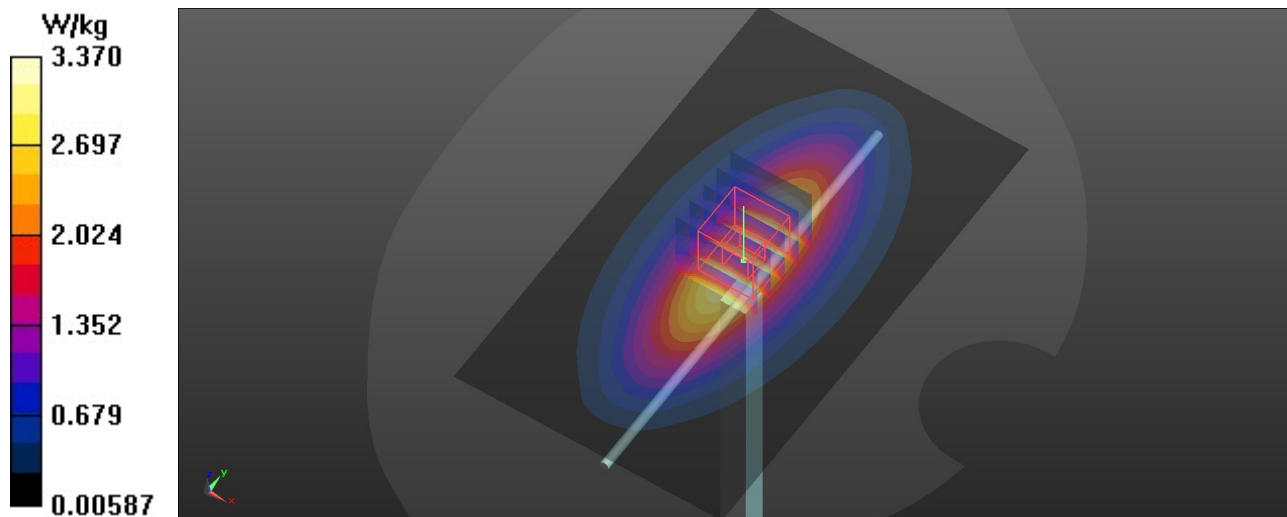Communication System: UID 0, CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: H835 Medium parameters used: f = 835 MHz; σ = 0.894 S/m; ε_r = 40.965; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(9.5, 9.5, 9.5) @ 835 MHz; Calibrated: 2023/6/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2023/6/26
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250 mW/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.37 W/kg

Pin=250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 63.85 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 4.03 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.57 W/kg
Smallest distance from peaks to all points 3 dB below = 16 mm
Ratio of SAR at M2 to SAR at M1 = 61.3%
Maximum value of SAR (measured) = 3.43 W/kg

System Check-D1900V2_H1900

DUT: Dipole 1900 MHz D1900V2 SN:509

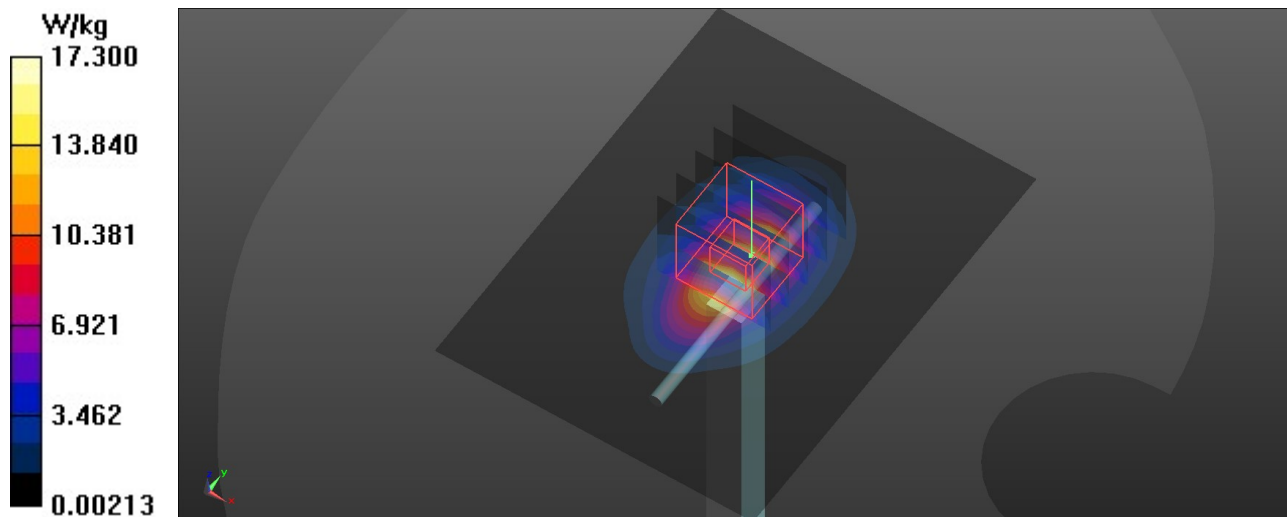Communication System: UID 0, CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: H1900 Medium parameters used: f = 1900 MHz; σ = 1.448 S/m; ε_r = 39.934; ρ = 1000

kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(7.8, 7.8, 7.8) @ 1900 MHz; Calibrated: 2023/6/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2023/6/26
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250 mW/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 17.3 W/kg

Pin=250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 111.7 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 20.8 W/kg
SAR(1 g) = 10.6 W/kg; SAR(10 g) = 5.28 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 51.7%
Maximum value of SAR (measured) = 16.7 W/kg

System Check_H835_24dBm

DUT: Dipole 835 MHz

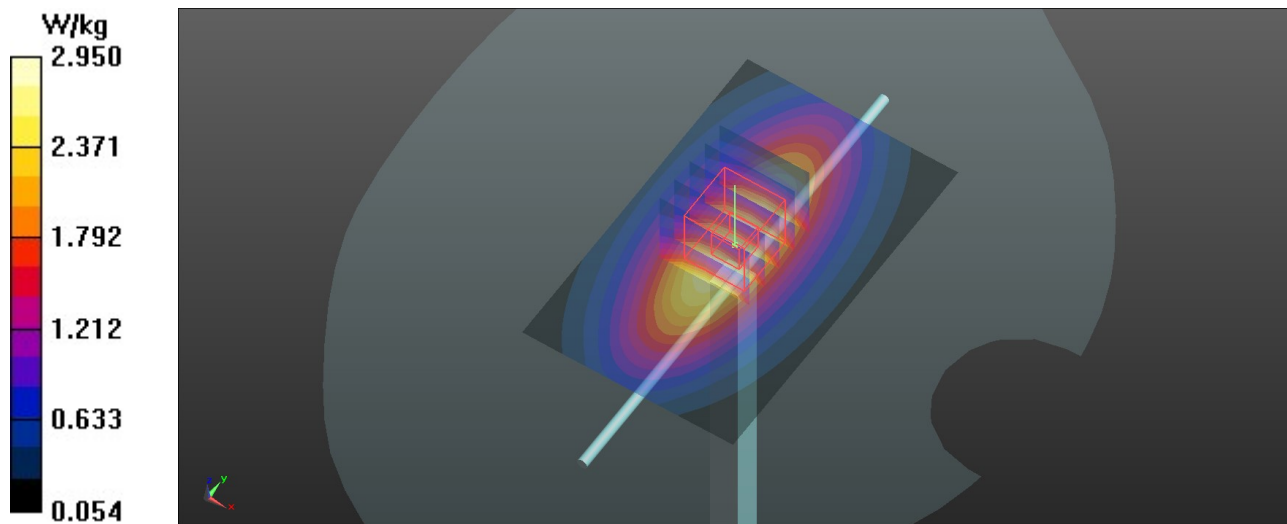Communication System: UID 0, CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: H835 Medium parameters used: f = 835 MHz; σ = 0.911 S/m; ε_r = 41.129; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.19, 10.19, 10.19) @ 835 MHz; Calibrated: 2023/9/6
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn549; Calibrated: 2024/1/23
- 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) = 2.95 W/kg

System Check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.51 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.74 W/kg
SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.67 W/kg
Smallest distance from peaks to all points 3 dB below = 21.5 mm
Ratio of SAR at M2 to SAR at M1 = 67.5%
Maximum value of SAR (measured) = 2.96 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; σ = 1.366 S/m; ε_r = 39.5; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.66, 8.66, 8.66) @ 1750 MHz; Calibrated: 2023/9/6
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn549; Calibrated: 2024/1/23
- 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) = 11.6 W/kg

System check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
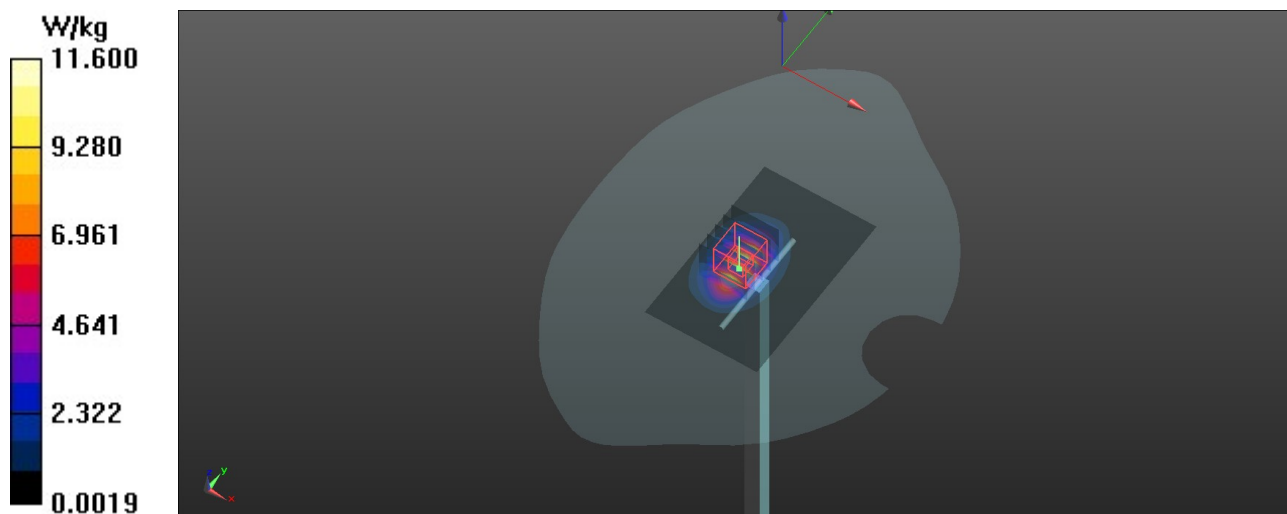Reference Value = 72.14 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 8.97 W/kg; SAR(10 g) = 4.6 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 53.6%
Maximum value of SAR (measured) = 11.3 W/kg

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; σ = 1.342 S/m; ε_r = 39.2; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.35, 8.35, 8.35) @ 1900 MHz; Calibrated: 2023/9/6
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn549; Calibrated: 2024/1/23
- 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) = 12.1 W/kg

System check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
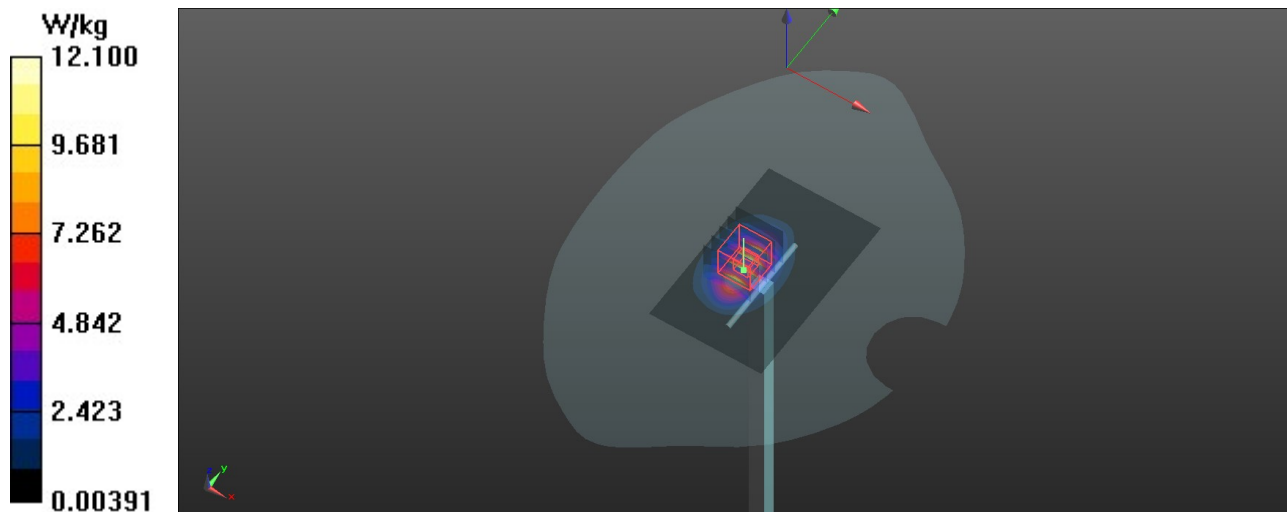Reference Value = 74.21 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 9.36 W/kg; SAR(10 g) = 4.8 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 53.4%
Maximum value of SAR (measured) = 11.8 W/kg

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; σ = 1.874 S/m; ε_r = 40.6; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.85, 7.85, 7.85) @ 2450 MHz; Calibrated: 2023/9/6
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn549; Calibrated: 2024/1/23
- 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) = 19.6 W/kg

System check/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
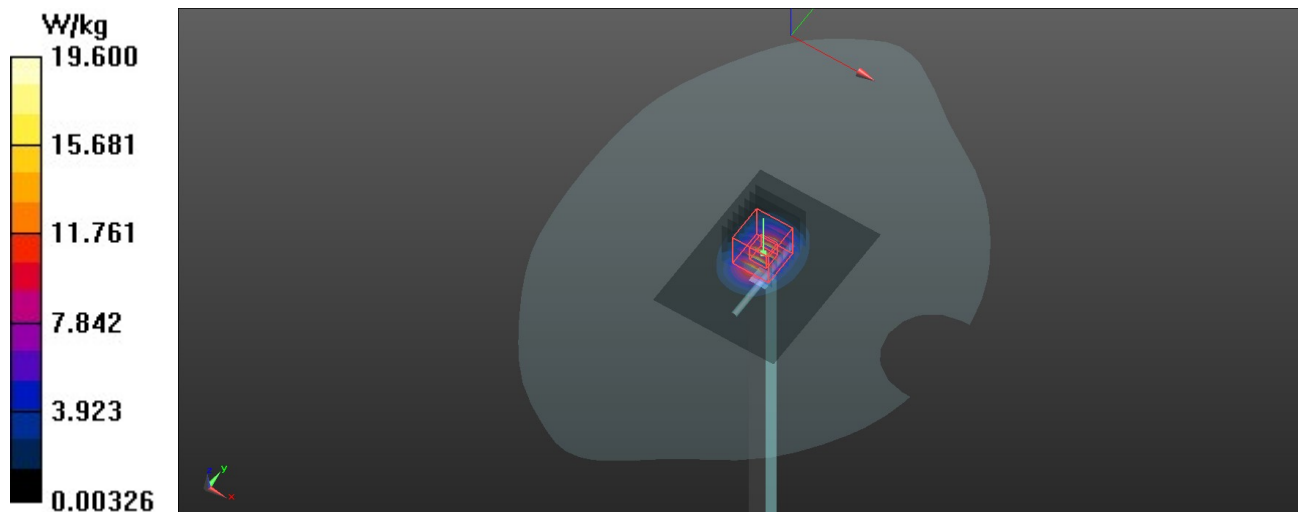Reference Value = 95.70 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 29.1 W/kg
SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.24 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 47.6%
Maximum value of SAR (measured) = 18.2 W/kg

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; σ = 2.054 S/m; ε_r = 40.4; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.66, 7.66, 7.66) @ 2600 MHz; Calibrated: 2023/9/6
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn549; Calibrated: 2024/1/23
- 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) = 21.2 W/kg

System check/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 95.10 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 32.5 W/kg
SAR(1 g) = 14.4 W/kg; SAR(10 g) = 6.29 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 45%
Maximum value of SAR (measured) = 19.4 W/kg