

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; $\sigma = 1.757$ S/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.68, 4.68, 4.68) @ 2450 MHz; Calibrated: 2023/3/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2023/3/8
- 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) = 17.4 W/kg

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

Reference Value = 96.34 V/m; Power Drift = 0.13 dB

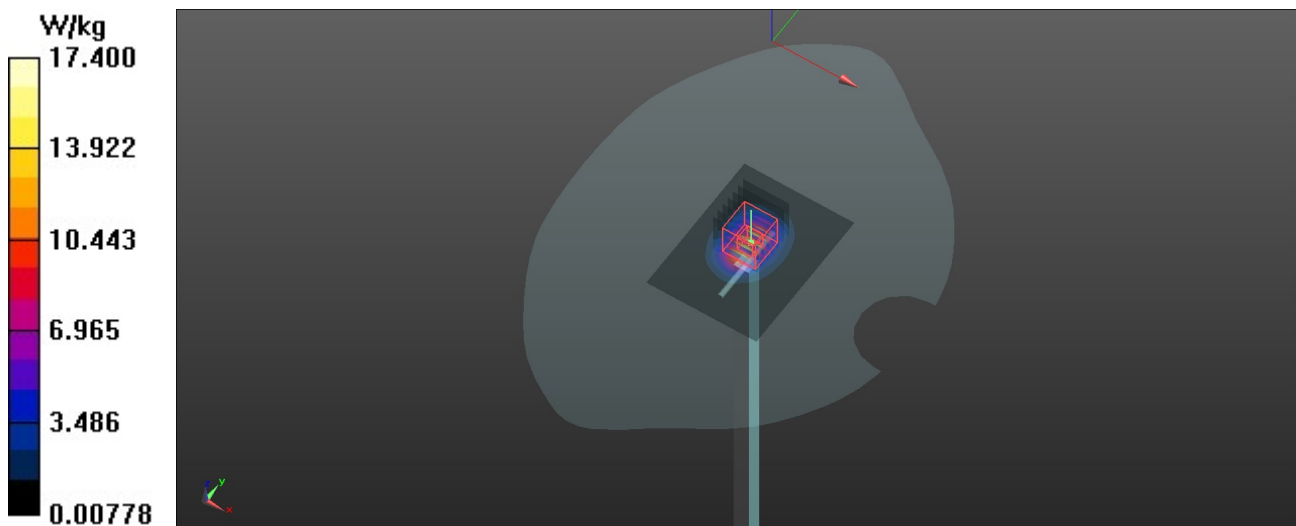
Peak SAR (extrapolated) = 26.5 W/kg

SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.68 W/kg

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 48.9%

Maximum value of SAR (measured) = 16.4 W/kg



System Check_H5250_20dBm

DUT: Dipole 5G Hz

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

Medium: H5250 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.807$ S/m; $\epsilon_r = 37.0$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(5.48, 5.48, 5.48) @ 5250 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2023/3/8
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.5 W/kg

System check/Zoom Scan (8x8x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 32.34 V/m; Power Drift = 0.17 dB

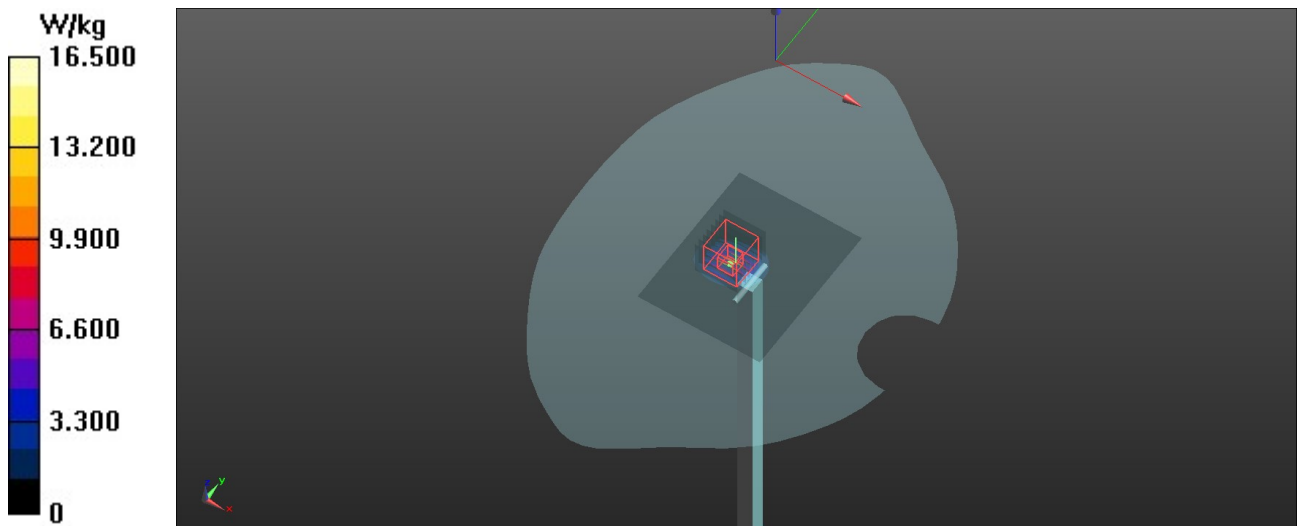
Peak SAR (extrapolated) = 30.5 W/kg

SAR(1 g) = 7.68 W/kg; SAR(10 g) = 2.28 W/kg

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

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

Maximum value of SAR (measured) = 15.1 W/kg



System Check_H5800_20dBm

DUT: Dipole 5G Hz

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

Medium: H5800 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.354$ S/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(4.95, 4.95, 4.95) @ 5800 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2023/3/8
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.1 W/kg

System check/Zoom Scan (8x8x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 34.01 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 32.8 W/kg

SAR(1 g) = 7.78 W/kg; SAR(10 g) = 2.32 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 51.1%

Maximum value of SAR (measured) = 15.8 W/kg

