

System Check_HSL450

DUT: Dipole 450 MHz D450V2

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1

Medium: HSL450 Medium parameters used: $f = 450$ MHz; $\sigma = 0.85$ S/m; $\epsilon_r = 43.60$; $\rho = 1000$ kg/m³

DASY Configuration:

- Probe: EX3DV4 - SN3953; ConvF(11.28, 11.28, 11.28); Calibrated: 2018/06/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1398; Calibrated: 2018/02/08
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1108
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Area Scan (71x221x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.342 W/kg

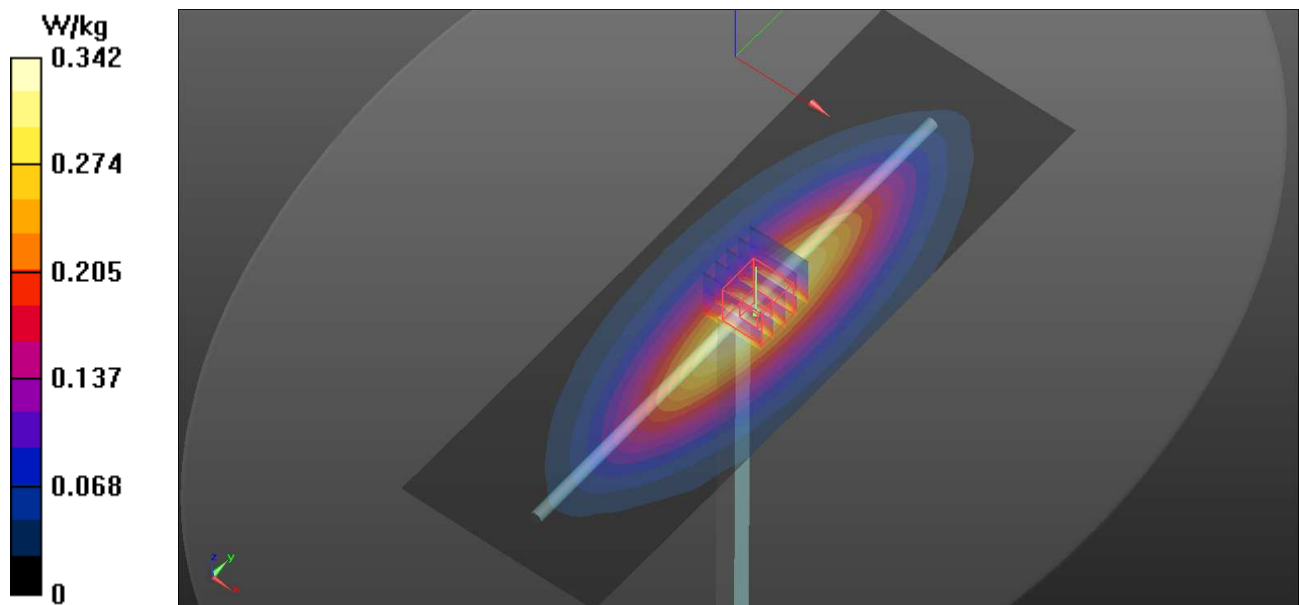
Configuration/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.51 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.201 W/kg

Maximum value of SAR (measured) = 0.341 W/kg



System Check_MSL450

DUT: Dipole 450 MHz D450V2

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1

Medium: MSL450 Medium parameters used: $f = 450$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 55.63$; $\rho = 1000$ kg/m³

DASY Configuration:

- Probe: EX3DV4 - SN3953; ConvF(11.51, 11.51, 11.51); Calibrated: 2018/06/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1398; Calibrated: 2018/02/08
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1108
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/2/Area Scan (71x221x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.352 W/kg

Configuration/2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.69 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.208 W/kg

Maximum value of SAR (measured) = 0.352 W/kg

