Test Laboratory: UnionTrust Date: 2019/11/1

System Check_H2450

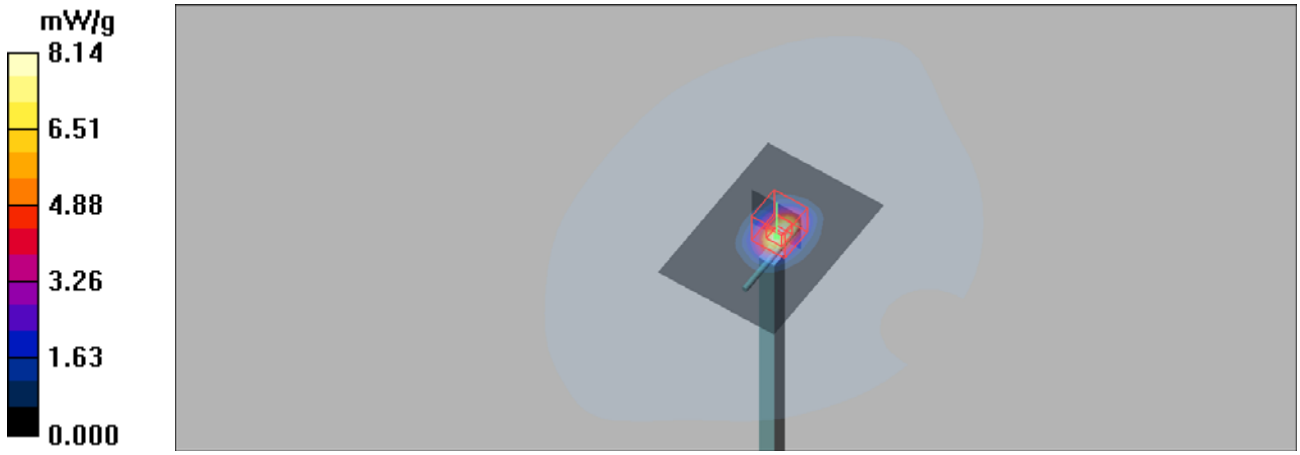
DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H2450 Medium parameters used: f = 2450 MHz; σ = 1.78 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(4.57, 4.57, 4.57); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

system check/Area Scan (51x71x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 8.14 mW/g

system check/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 63.6 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 11.6 W/kg
SAR(1 g) = 5.55 mW/g; SAR(10 g) = 2.57 mW/g
Maximum value of SAR (measured) = 7.19 mW/g



Test Laboratory: UnionTrust Date: 11/25/2019

System Check-D5GHz_H5250

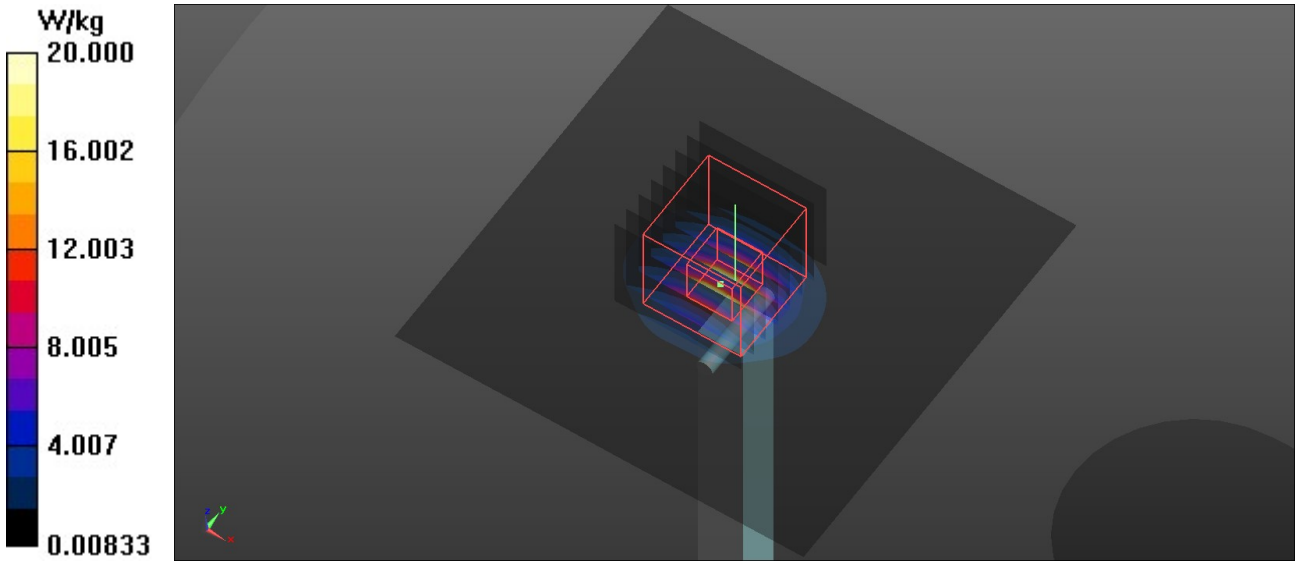
DUT: Dipole D5GHzV2 SN:1280

Communication System: CW; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: f = 5250 MHz; σ = 4.735 S/m; ε_r = 36.296; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN7506; ConvF(5.4, 5.4, 5.4); Calibrated: 6/27/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 6/18/2019
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/137
- ; 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) = 20.0 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 70.86 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 35.6 W/kg
SAR(1 g) = 8.43 W/kg; SAR(10 g) = 2.4 W/kg
Maximum value of SAR (measured) = 20.2 W/kg



Test Laboratory: UnionTrust Date: 11/25/2019

System Check-D5GHz_H5600

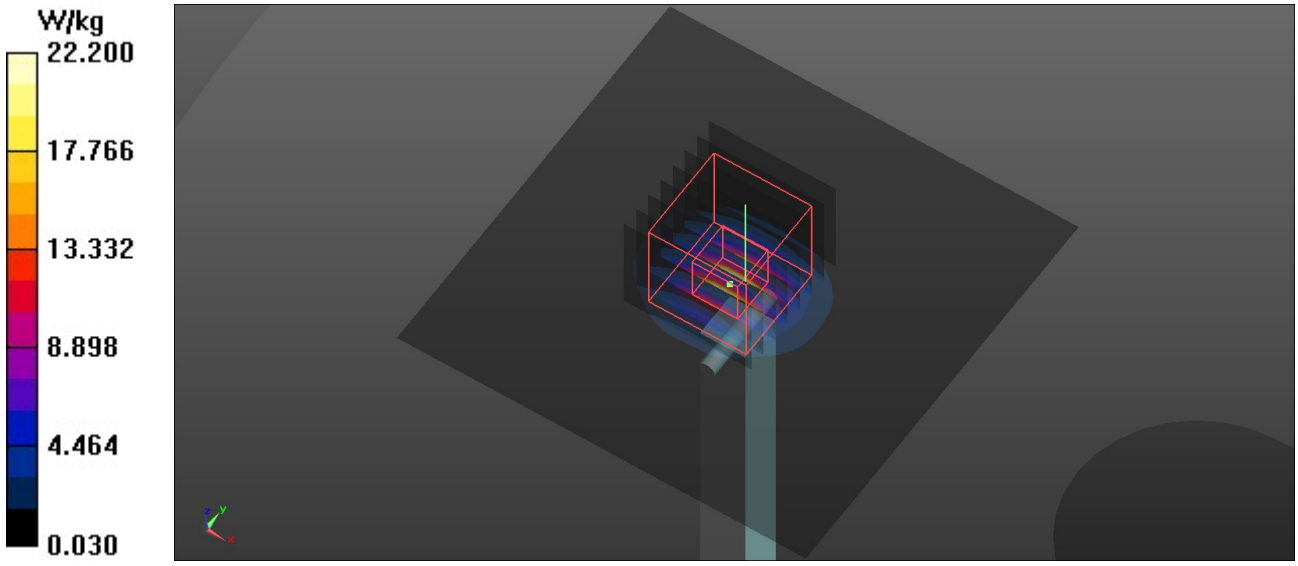
DUT: Dipole D5GHzV2 SN:1280

Communication System: CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: f = 5600 MHz; σ = 5.092 S/m; ε_r = 35.786; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN7506; ConvF(4.92, 4.92, 4.92); Calibrated: 6/27/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 6/18/2019
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/137
- ; 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) = 22.2 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 69.20 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 35.5 W/kg
SAR(1 g) = 8.26 W/kg; SAR(10 g) = 2.35 W/kg
Maximum value of SAR (measured) = 21.3 W/kg



Test Laboratory: UnionTrust Date: 11/25/2019

System Check-D5GHz_H5800

DUT: Dipole D5GHzV2 SN:1280

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: f = 5800 MHz; σ = 5.305 S/m; ε_r = 35.501; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN7506; ConvF(5.05, 5.05, 5.05); Calibrated: 6/27/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 6/18/2019
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/137
- ; 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) = 19.5 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 69.32 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 38.0 W/kg
SAR(1 g) = 8 W/kg; SAR(10 g) = 2.26 W/kg
Maximum value of SAR (measured) = 19.8 W/kg