

## System Check\_B2450\_0517

**DUT: Dipole 2450 MHz D2450V2;SN:919;**

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

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.997$  S/m;  $\epsilon_r = 51.664$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.3, 4.3, 4.3) @ 2450 MHz; Calibrated: 2019/4/12
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn1405; Calibrated: 2019/2/26
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (7x7x1):** Interpolated grid:  $dx=12$  mm,  $dy=12$  mm

Maximum value of SAR (interpolated) = 21.8 W/kg

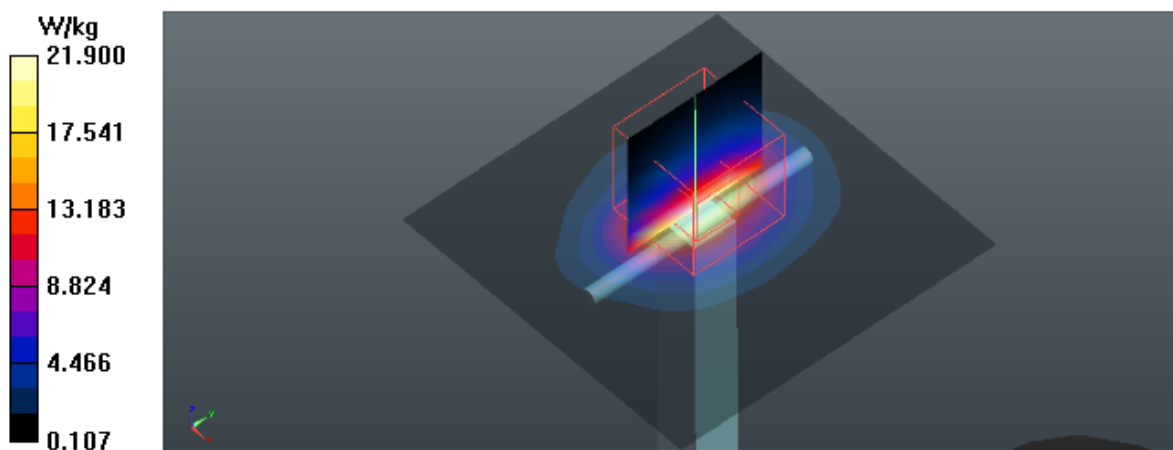
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 99.84 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 26.3 W/kg

**SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.07 W/kg**

Maximum value of SAR (measured) = 21.9 W/kg



## System Check\_B5300\_0515

**DUT: Dipole D5GHzV2;SN;1160;**

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.564$  S/m;  $\epsilon_r = 47.528$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(5.05, 5.05, 5.05) @ 5300 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE3 Sn536; Calibrated: 2018/10/15
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (5x5x1):** Interpolated grid:  $dx=10$  mm,  $dy=10$  mm

Maximum value of SAR (interpolated) = 14.6 W/kg

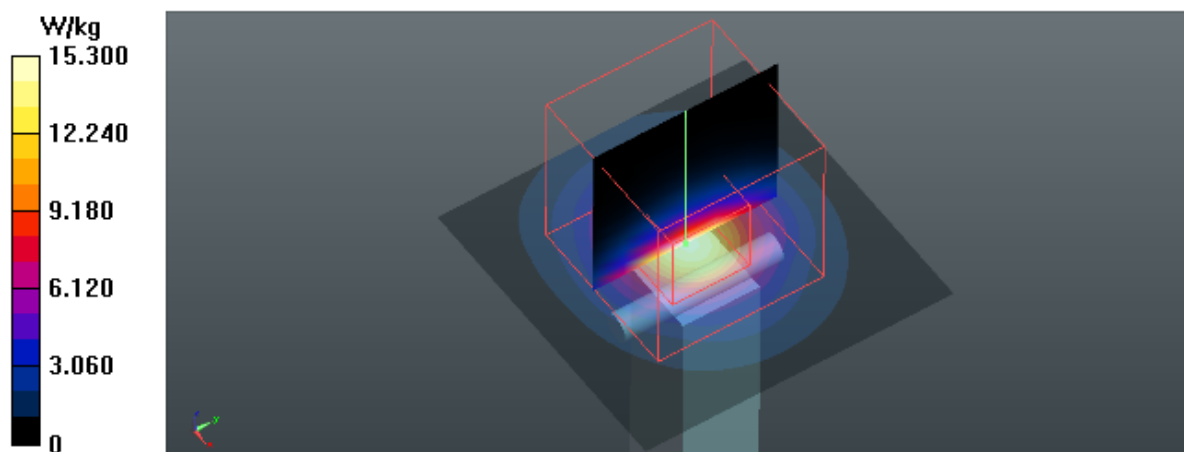
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 36.96 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 31.1 W/kg

**SAR(1 g) = 7.15 W/kg; SAR(10 g) = 2 W/kg**

Maximum value of SAR (measured) = 15.3 W/kg



## System Check\_B5600\_0515

**DUT: Dipole D5GHzV2;SN;1160;**

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

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.982$  S/m;  $\epsilon_r = 46.911$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.38, 4.38, 4.38) @ 5600 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE3 Sn536; Calibrated: 2018/10/15
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (6x6x1):** Interpolated grid:  $dx=10$  mm,  $dy=10$  mm

Maximum value of SAR (interpolated) = 17.8 W/kg

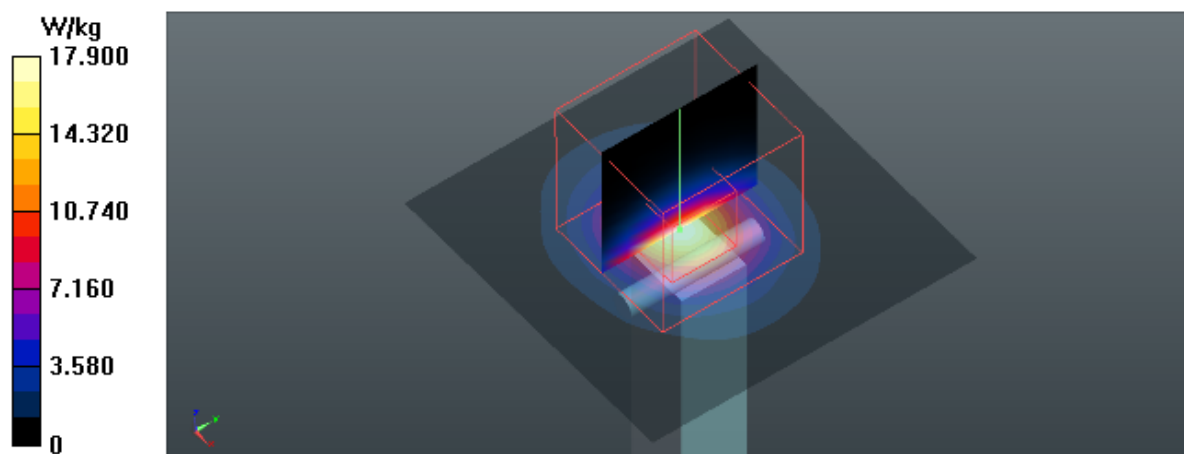
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 39.42 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 35.5 W/kg

**SAR(1 g) = 8.07 W/kg; SAR(10 g) = 2.15 W/kg**

Maximum value of SAR (measured) = 17.9 W/kg



## System Check\_B5800\_0515

**DUT: Dipole D5GHzV2;SN;1160;**

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

Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.258$  S/m;  $\epsilon_r = 46.53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.5, 4.5, 4.5) @ 5800 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE3 Sn536; Calibrated: 2018/10/15
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (6x5x1):** Interpolated grid:  $dx=10$  mm,  $dy=10$  mm

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

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 37.42 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 32.8 W/kg

**SAR(1 g) = 7.74 W/kg; SAR(10 g) = 2.18 W/kg**

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

