

Appendix A

System Check 750 MHz Head
System Check 835 MHz Head
System Check 1750 MHz Head
System Check 1900 MHz Head
System Check 2450 MHz Head

Test Laboratory: TOWE Lab**System Check 750MHz****DUT: D750V3; Type: D750V3; Serial: 1231**

Communication System: UID 0, CW (0); Frequency: 750 MHz

Medium parameters used: $f = 750$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 42.615$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(9.47, 8.79, 8.85) @ 750 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 2.39 W/kg

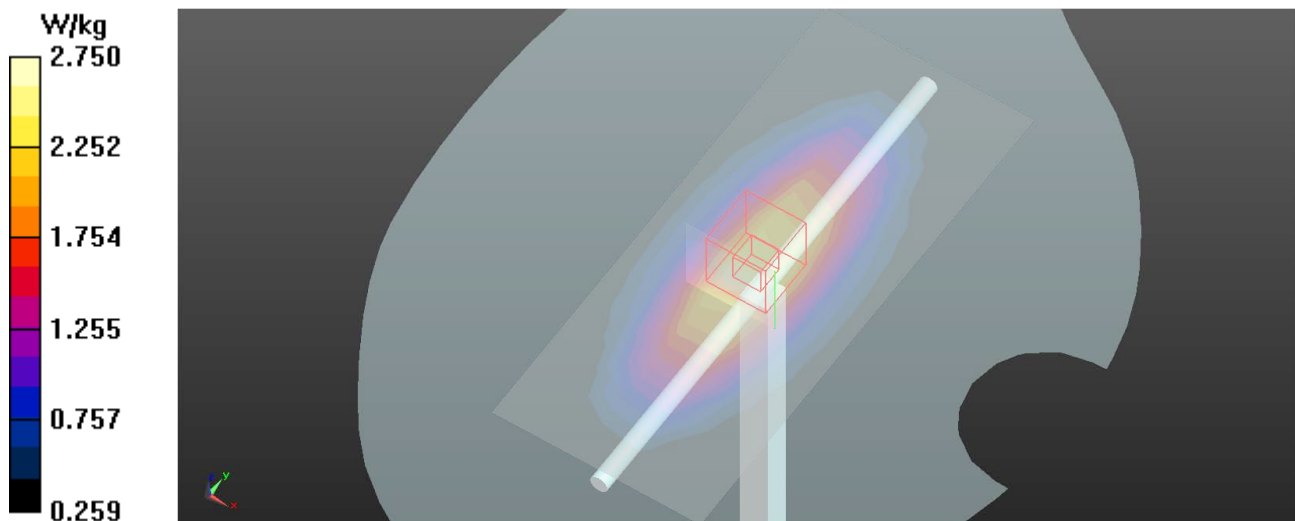
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 50.70 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.03 W/kg

SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.4 W/kg

Maximum value of SAR (measured) = 2.75 W/kg



Test Laboratory: TOWE Lab

System Check 835MHz

DUT: D835V2; Type: D835V2; Serial: 4d302

Communication System: UID 0, CW (0); Frequency: 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 42.428$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(9.08, 8.64, 8.81) @ 835 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 2.84 W/kg

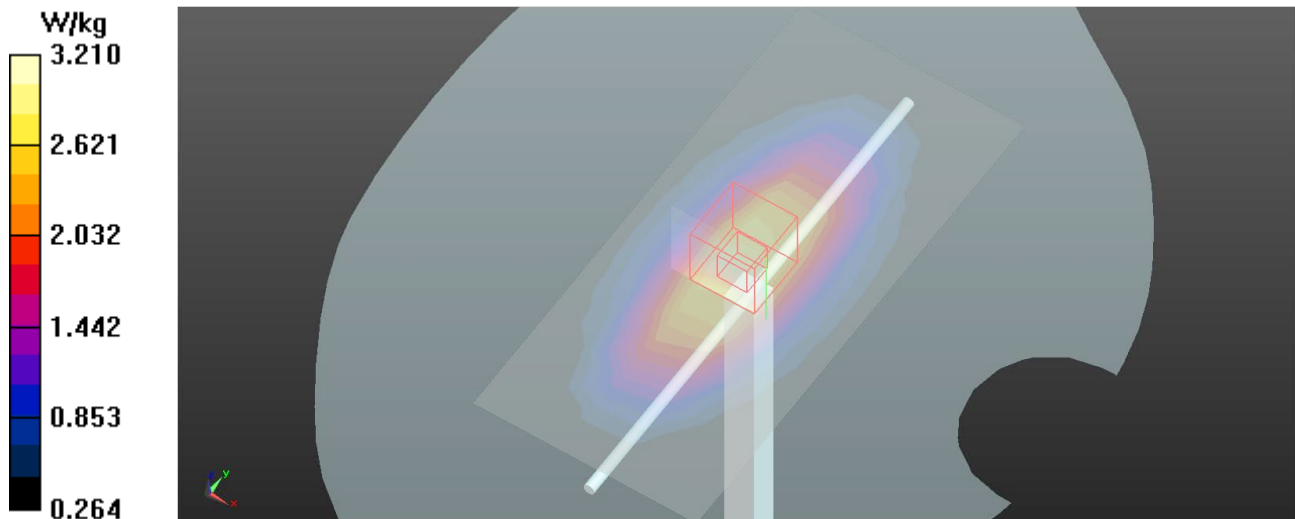
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 54.56 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.58 W/kg

SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.6 W/kg

Maximum value of SAR (measured) = 3.21 W/kg



Test Laboratory: TOWE Lab**System Check 1750MHz****DUT: D1750V2; Type: D1750V2; Serial: 1115**

Communication System: UID 0, CW (0); Frequency: 1750 MHz

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.351$ S/m; $\epsilon_r = 41.059$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(7.98, 7.5, 7.4) @ 1750 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 14.8 W/kg

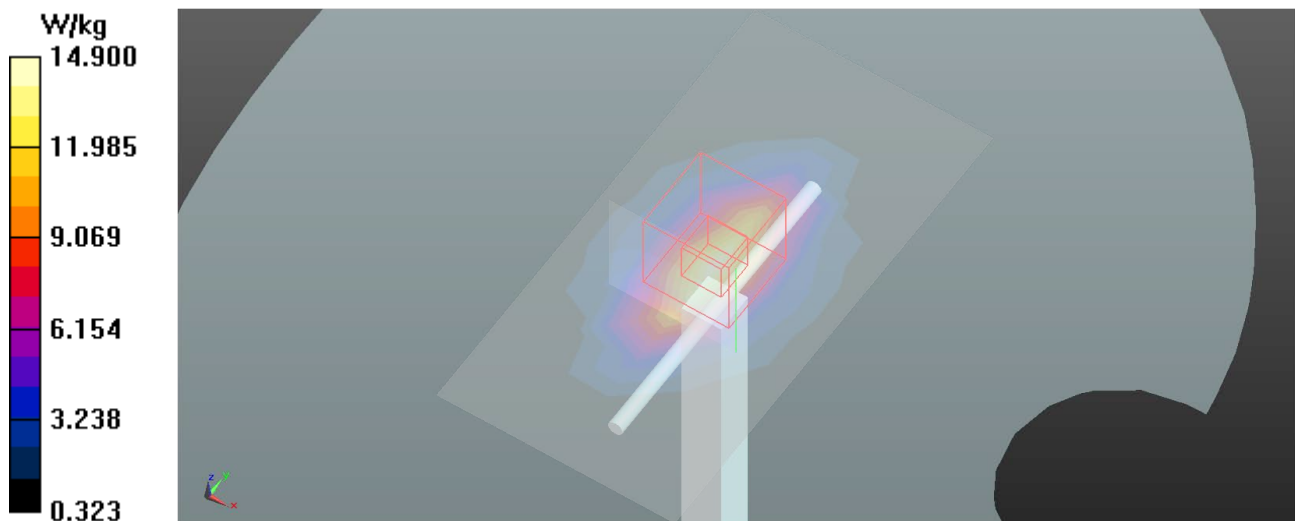
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 90.50 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 9.77 W/kg; SAR(10 g) = 5.21 W/kg

Maximum value of SAR (measured) = 14.9 W/kg



Test Laboratory: TOWE Lab**System Check 1900 MHz****DUT: D1900V2; Type: D1900V2; Serial: 512**

Communication System: UID 0, CW (0); Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.655$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(7.8, 7.31, 7.26) @ 1900 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 16.1 W/kg

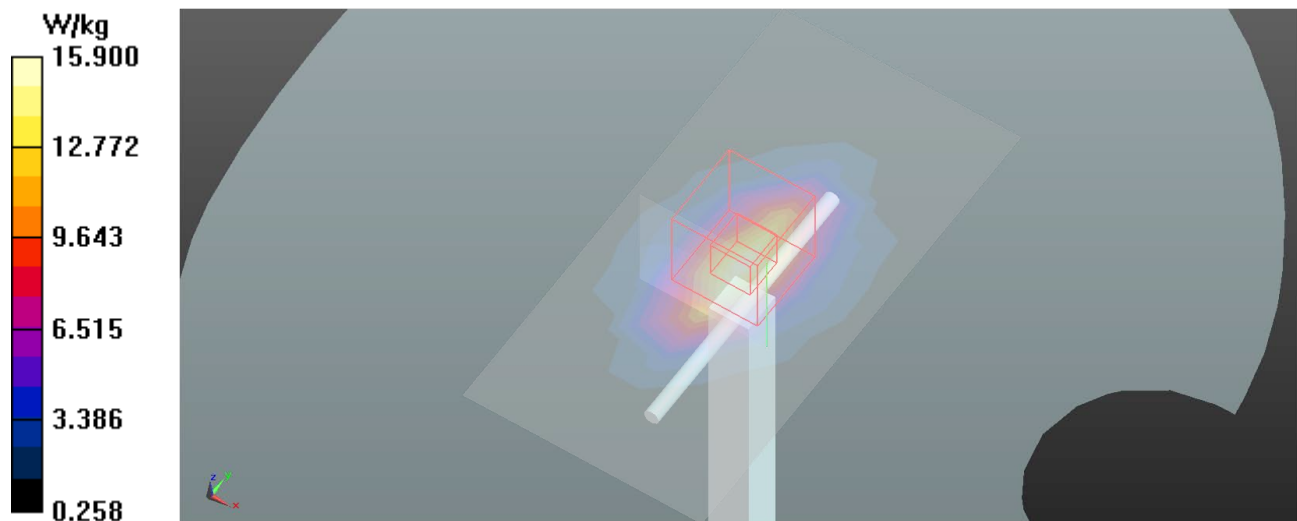
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 93.38 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 18.6 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.43 W/kg

Maximum value of SAR (measured) = 15.9 W/kg



Test Laboratory: TOWE Lab

System Check 1900 MHz

DUT: D1900V2; Type: D1900V2; Serial: 512

Communication System: UID 0, CW (0); Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 40.408$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(7.8, 7.31, 7.26) @ 1900 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

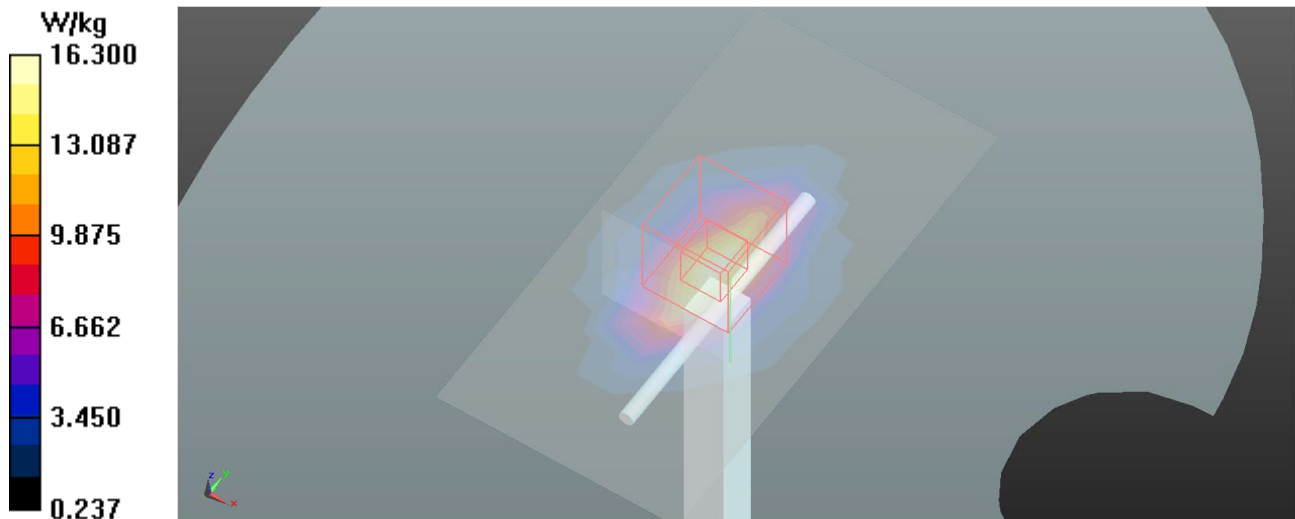
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 93.77 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 10.6 W/kg; SAR(10 g) = 5.5 W/kg

Maximum value of SAR (measured) = 16.3 W/kg



Test Laboratory: TOWE Lab**System Check 2450MHz****DUT: D2450V2; Type: D2450V2; Serial: 1099**

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

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 40.068$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(7.26, 6.75, 6.78) @ 2450 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x7x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 16.6 W/kg

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

Reference Value = 95.45 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 27.5 W/kg

SAR(1 g) = 14 W/kg; SAR(10 g) = 6.53 W/kg

Maximum value of SAR (measured) = 22.6 W/kg

