

Appendix A - System Verification

Test Laboratory: TUV Inc.

Date: 2026/9/16

System Check_HSL750MHz

DUT: D750V3 - SN1199

Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL750_260916 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 43.217$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(9.14, 9.02, 10.56) @ 750 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Pin=250mW/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.68 W/kg

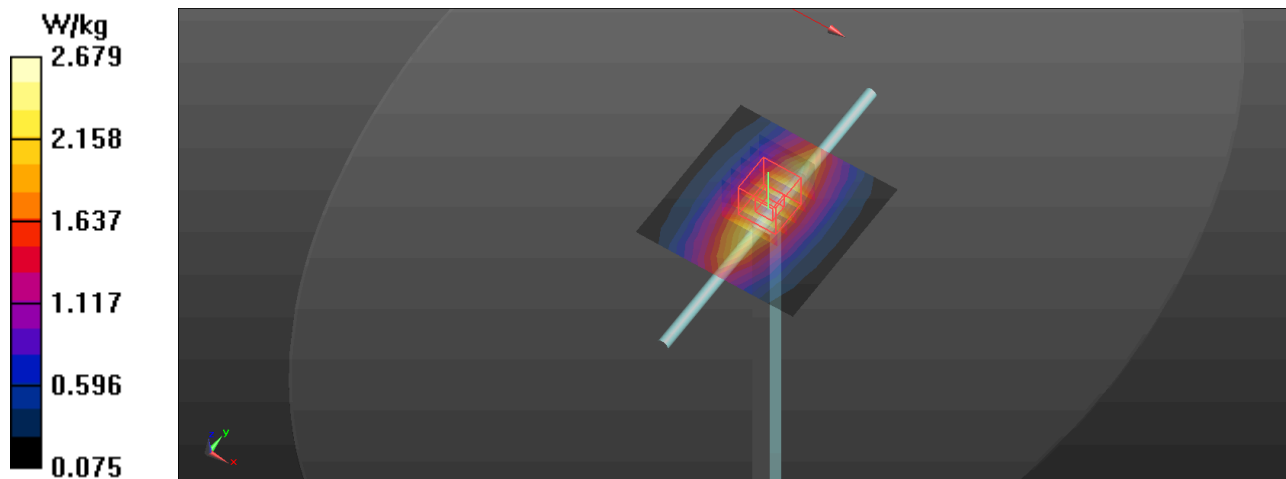
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 57.85 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.01 W/kg

SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.37 W/kg

Maximum value of SAR (measured) = 2.71 W/kg



System Check_HSL835MHz

DUT: D835V2 - SN4d058

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835_260917 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.945 \text{ S/m}$; $\epsilon_r =$

43.137 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.1 \text{ }^\circ\text{C}$

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(8.71, 8.6, 10.07) @ 835 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Pin=250mW/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 3.29 W/kg

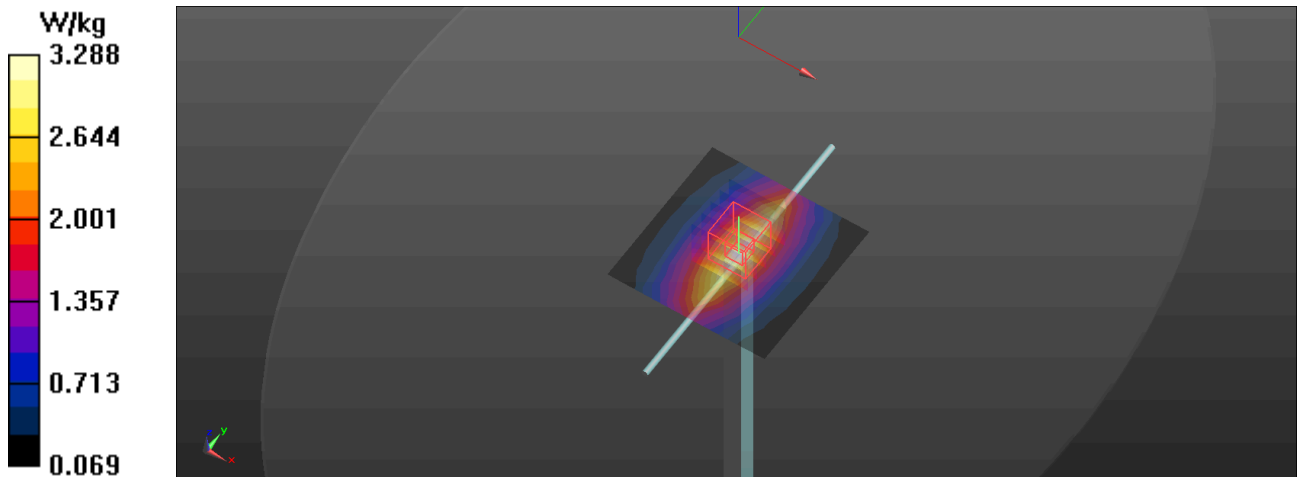
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 64.37 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.57 W/kg

SAR(1 g) = 2.44 W/kg ; SAR(10 g) = 1.62 W/kg

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



System Check_HSL1800MHz

DUT: D1800V2 - SN2d156

Communication System: UID 0, CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: HSL1800_260916 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.926$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.5°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(7.45, 7.35, 8.61) @ 1800 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Pin=250mW/Area Scan (7x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 14.3 W/kg

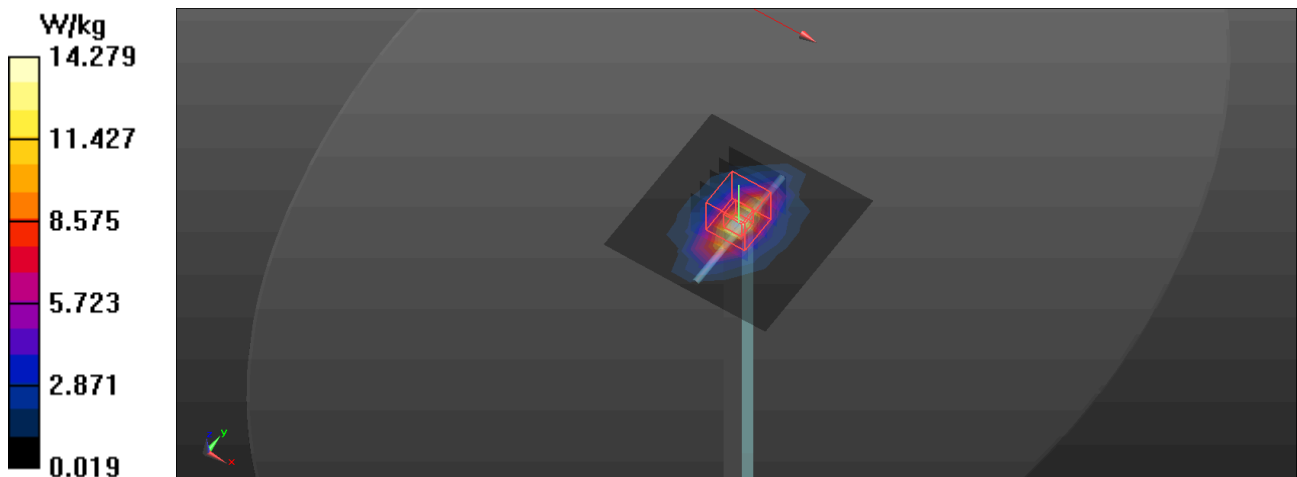
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 107.5 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 16.5 W/kg

SAR(1 g) = 9.51 W/kg; SAR(10 g) = 5.06 W/kg

Maximum value of SAR (measured) = 14.4 W/kg



System Check_HSL1900MHz

DUT: D1900V2 - SN5d090

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL1900_260831 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.465$ S/m; $\epsilon_r = 40.843$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(7.35, 7.25, 8.49) @ 1900 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Pin=250mW/Area Scan (7x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 14.2 W/kg

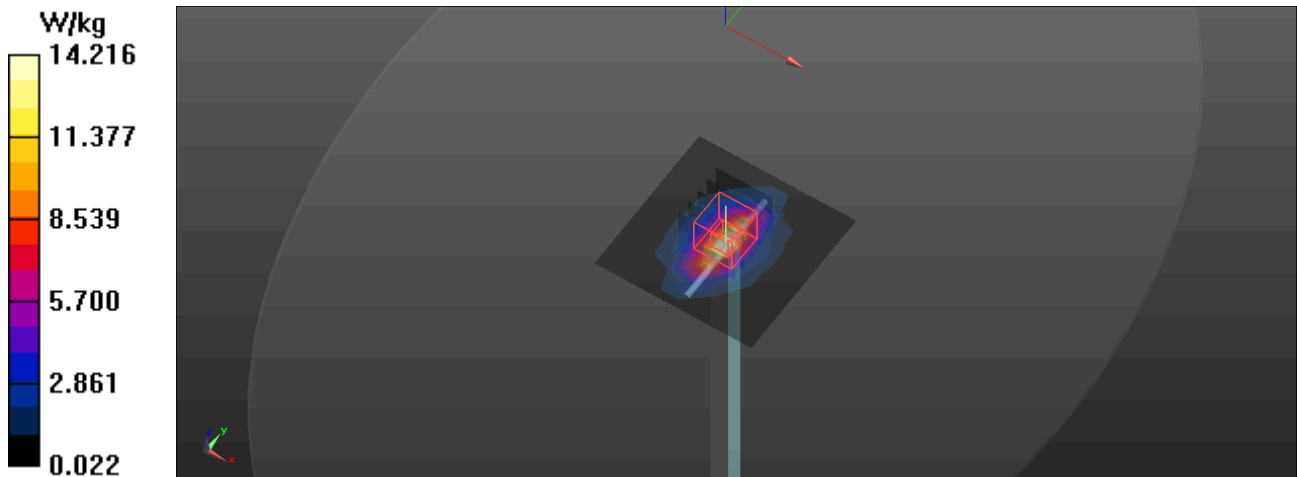
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 105.3 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 16.5 W/kg

SAR(1 g) = 9.37 W/kg; SAR(10 g) = 4.93 W/kg

Maximum value of SAR (measured) = 14.3 W/kg



System Check_HSL2450MHz

DUT: D2450V2 - SN804

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

Medium: HSL2450_260918 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.811$ S/m; $\epsilon_r = 39.933$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.2°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(6.98, 6.88, 8.06) @ 2450 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Pin=250mW/Area Scan (9x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 19.7 W/kg

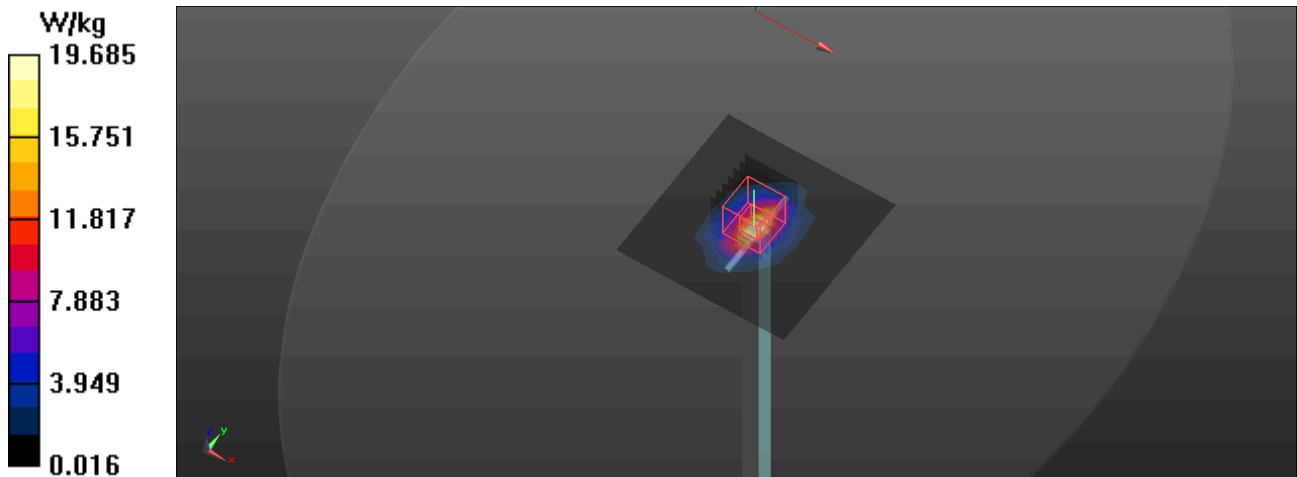
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 113.7 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 23.6 W/kg

SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.70W/kg

Maximum value of SAR (measured) = 19.7 W/kg



System Check_HSL2600MHz

DUT: D2600V2 - SN1171

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL2600_260831 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.929$ S/m; $\epsilon_r = 39.674$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(6.87, 6.78, 7.95) @ 2600 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Pin=250mW/Area Scan (9x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

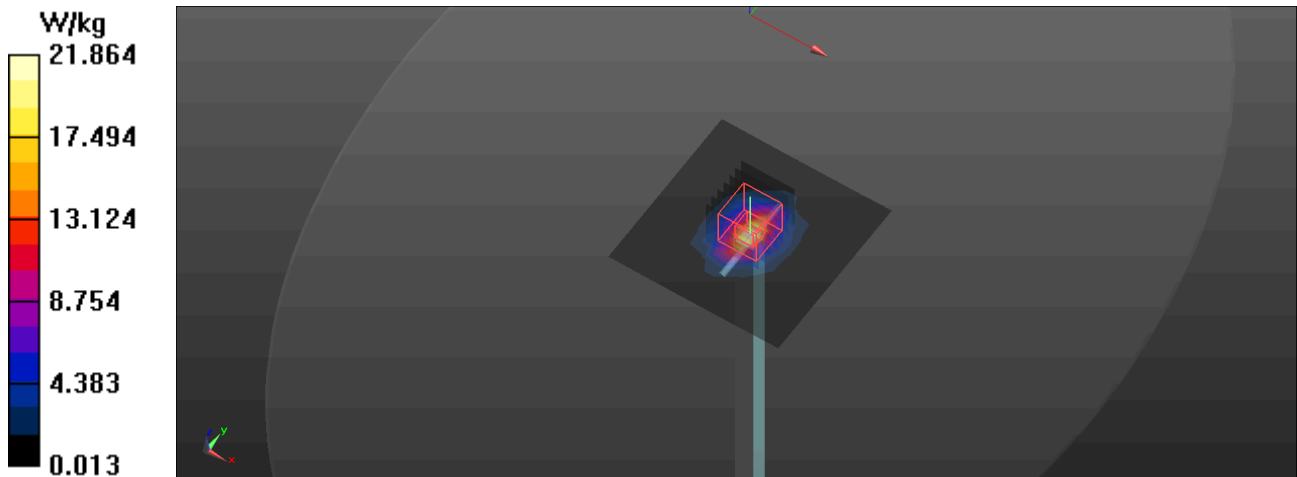
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 113.5 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 26.5 W/kg

SAR(1 g) = 13 W/kg; SAR(10 g) = 5.86 W/kg

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



System Check_HSL5250MHz

DUT: D5GHzV2 - SN1235

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

Medium: HSL5G_260921 Medium parameters used (interpolated): $f = 5250$ MHz; $\sigma = 4.535$ S/m; $\epsilon_r =$

35.312 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(5.27, 5.2, 6.09) @ 5250 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -9.0, 23.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Pin=100mW/Area Scan (10x10x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 10.9 W/kg

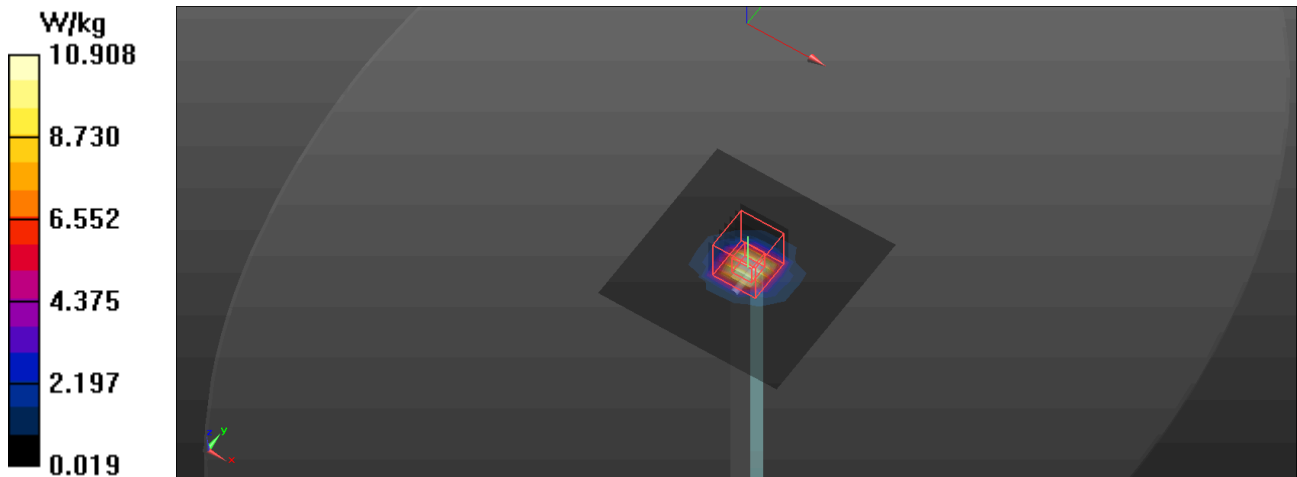
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 68.44 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 31.6 W/kg

SAR(1 g) = 7.14 W/kg; SAR(10 g) = 2.02 W/kg

Maximum value of SAR (measured) = 18.6 W/kg



System Check_HSL5600MHz

DUT: D5GHzV2 - SN1235

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

Medium: HSL5G_260921 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.925$ S/m; $\epsilon_r = 34.697$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(4.67, 4.61, 5.39) @ 5600 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -9.0, 23.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Pin=100mW/Area Scan (10x10x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 12.4 W/kg

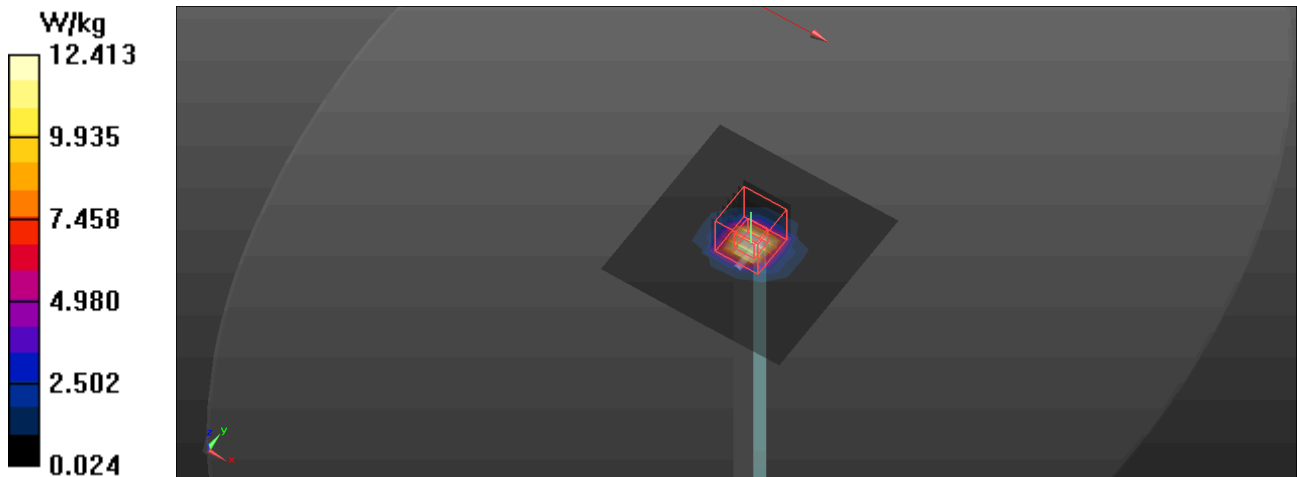
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 69.15 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 38.7 W/kg

SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.2 W/kg

Maximum value of SAR (measured) = 20.8 W/kg



System Check_HSL5750MHz

DUT: D5GHzV2 - SN1235

Communication System: UID 0, CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL5G_260921 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.096$ S/m; $\epsilon_r = 34.429$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(4.73, 4.67, 5.47) @ 5750 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -9.0, 23.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Pin=100mW/Area Scan (10x10x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 12.0 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm,

Reference Value = 66.50 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 39.1 W/kg

SAR(1 g) = 7.5 W/kg; SAR(10 g) = 2.1 W/kg

Maximum value of SAR (measured) = 20.5 W/kg

