

Report Number: EED32P80394906

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Test Laboratory: CTI SAR Lab

**Systemcheck-750-Head****DUT: D750V3 - SN1088; Type: D750V3; Serial: SN1088**

Communication System: UID 0, CW (0); Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz; Communication System PAR: 0 dB; PMF: 1  
 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.853$  S/m;  $\epsilon_r = 43.03$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7769; ConvF(10.23, 10.23, 10.23) @ 750 MHz; Calibrated: 2/10/2025
  - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=15mm,Pin=250mW/Area Scan (8x15x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 2.61 W/kg

**Configuration/d=15mm,Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.71 V/m; Power Drift = -0.01 dB

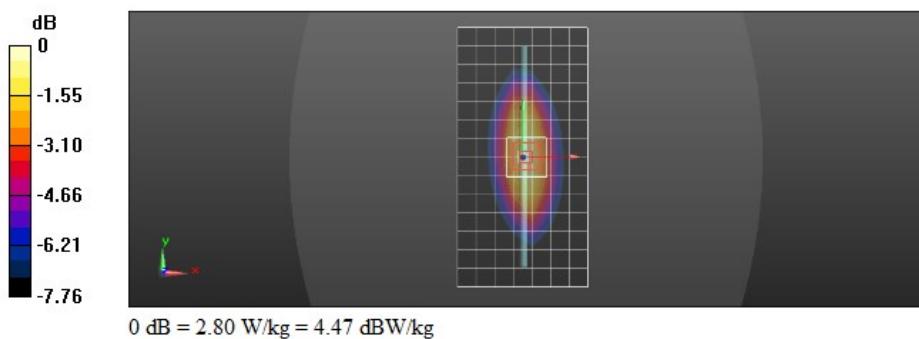
Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.46 W/kg

Smallest distance from peaks to all points 3 dB below = 21.5 mm

Ratio of SAR at M2 to SAR at M1 = 66.4%

Maximum value of SAR (measured) = 2.80 W/kg



Test Laboratory: CTI SAR Lab

**Systemcheck-835-Head****DUT: Dipole 835 MHz D835V2; Type: D835V2; Serial: D835V2 - SN:4d193**Communication System: UID 0, CW (0); Communication System Band: D835(835.0 MHz); Frequency: 835 MHz; Communication System PAR: 0 dB; PMF: 1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.868$  S/m;  $\epsilon_r = 41.06$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(9.9, 9.9, 9.9) @ 835 MHz; Calibrated: 4/18/2024
  - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=15mm,Pin=250mW/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 2.95 W/kg**Configuration/d=15mm,Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.37 V/m; Power Drift = -0.07 dB

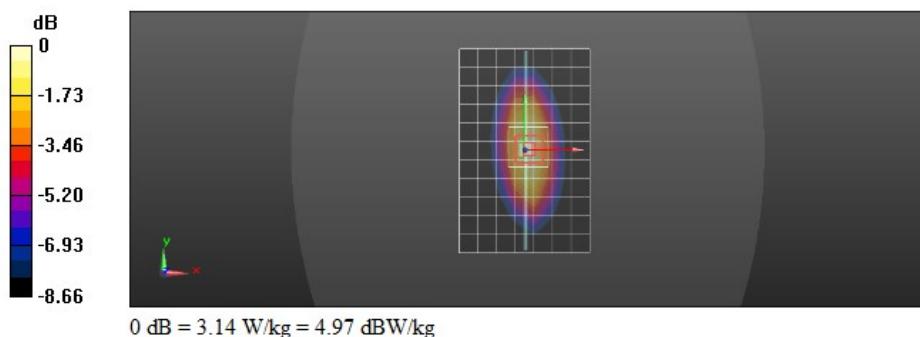
Peak SAR (extrapolated) = 3.67 W/kg

SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.69 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 66.6%

Maximum value of SAR (measured) = 3.14 W/kg



Test Laboratory: CTI SAR Lab

**Systemcheck 1750-Head****DUT: D1750V2 - SN1134; Type: D1750V2; Serial: SN1134**

Communication System: UID 0, CW (0); Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz; Communication System PAR: 0 dB; PMF: 1  
 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.358$  S/m;  $\epsilon_r = 41.293$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.43, 8.43, 8.43) @ 1750 MHz; Calibrated: 4/18/2024
  - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm, Pin=250 mW/Area Scan (8x8x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 11.5 W/kg

**Configuration/d=10mm, Pin=250 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 99.11 V/m; Power Drift = 0.06 dB

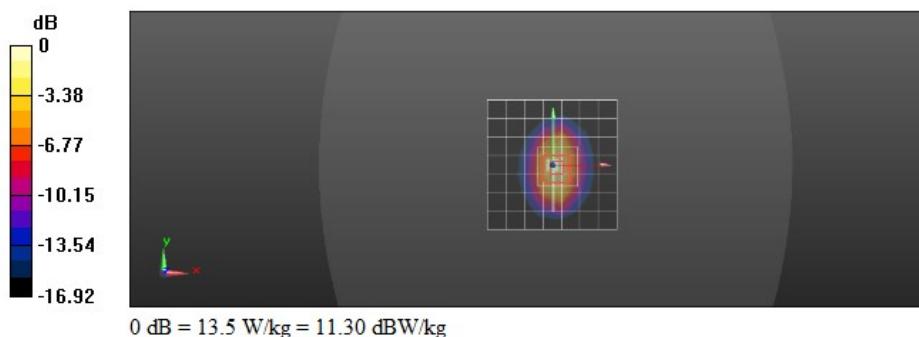
Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 8.82 W/kg; SAR(10 g) = 4.77 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 54.2%

Maximum value of SAR (measured) = 13.5 W/kg



Test Laboratory: CTI SAR Lab

**Systemcheck 1750-Head****DUT: D1750V2 - SN1134; Type: D1750V2; Serial: SN1134**

Communication System: UID 0, CW (0); Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz; Communication System PAR: 0 dB; PMF: 1  
 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.354$  S/m;  $\epsilon_r = 39.772$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.5, 8.5, 8.5) @ 1750 MHz; Calibrated: 5/7/2025
  - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm, Pin=250 mW/Area Scan (8x8x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 14.2 W/kg

**Configuration/d=10mm, Pin=250 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.91 V/m; Power Drift = -0.09 dB

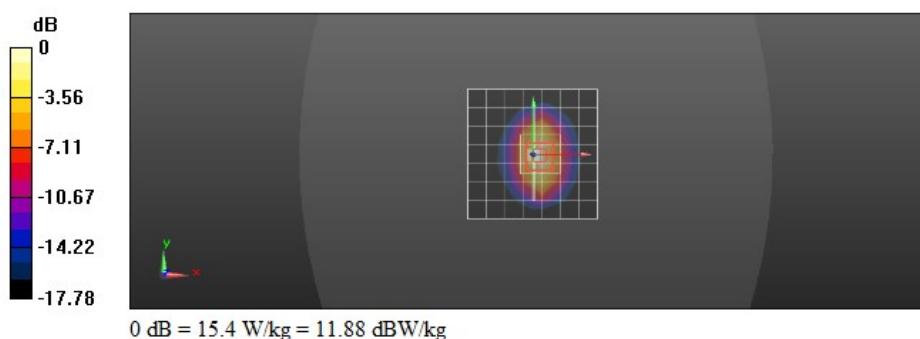
Peak SAR (extrapolated) = 18.7 W/kg

SAR(1 g) = 9.76 W/kg; SAR(10 g) = 5.16 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.1%

Maximum value of SAR (measured) = 15.4 W/kg



Test Laboratory: CTI SAR Lab

**Systemcheck 1900-Head****DUT: D1900V2 - SN5d198; Type: D1900V2; Serial: SN5d198**

Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Communication System PAR: 0 dB; PMF: 1  
 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.378$  S/m;  $\epsilon_r = 38.994$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.05, 8.05, 8.05) @ 1900 MHz; Calibrated: 4/18/2024
  - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm, Pin=250 mW/Area Scan (8x8x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 12.5 W/kg

**Configuration/d=10mm, Pin=250 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.15 V/m; Power Drift = -0.09 dB

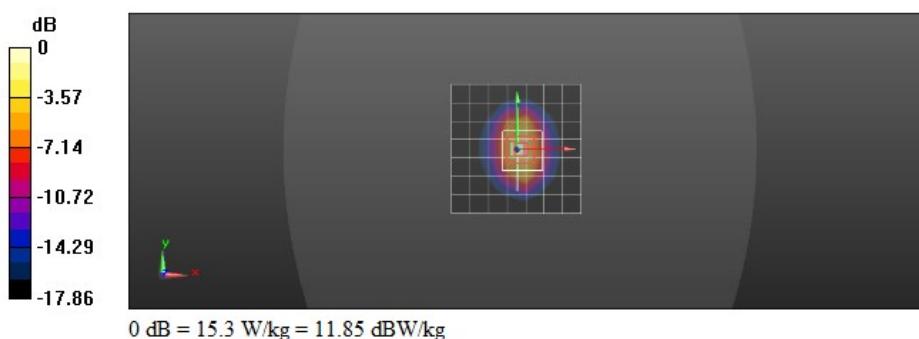
Peak SAR (extrapolated) = 18.9 W/kg

SAR(1 g) = 9.58 W/kg; SAR(10 g) = 4.98 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 50.7%

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



Test Laboratory: CTI SAR Lab

**Systemcheck 1900-Head****DUT: D1900V2 - SN5d198; Type: D1900V2; Serial: SN5d198**

Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Communication System PAR: 0 dB; PMF: 1  
 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.408$  S/m;  $\epsilon_r = 38.449$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.05, 8.05, 8.05) @ 1900 MHz; Calibrated: 4/18/2024
  - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm, Pin=250 mW/Area Scan (8x8x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 12.8 W/kg

**Configuration/d=10mm, Pin=250 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.15 V/m; Power Drift = -0.09 dB

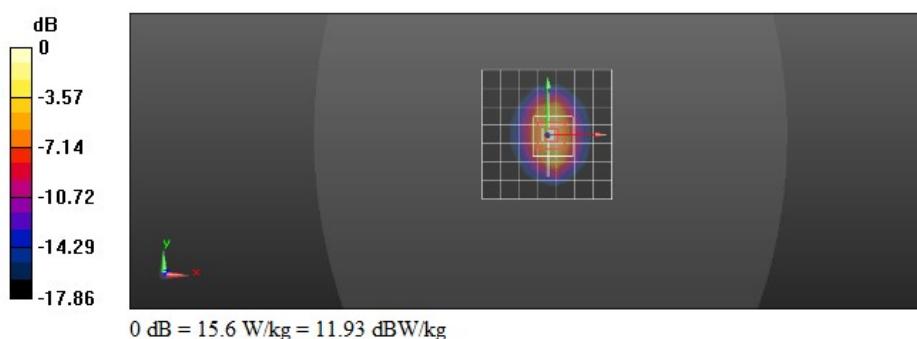
Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 9.8 W/kg; SAR(10 g) = 5.09 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 50.7%

Maximum value of SAR (measured) = 15.6 W/kg



Test Laboratory: CTI SAR Lab

## Systemcheck 1900-Head

DUT: D1900V2 - SN5d198; Type: D1900V2; Serial: SN5d198

Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Communication System PAR: 0 dB; PMF: 1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.448$  S/m;  $\epsilon_r = 38.884$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.15, 8.15, 8.15) @ 1900 MHz; Calibrated: 5/7/2025
  - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm, Pin=250 mW/Area Scan (8x8x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 13.9 W/kg

**Configuration/d=10mm, Pin=250 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.59 V/m; Power Drift = 0.07 dB

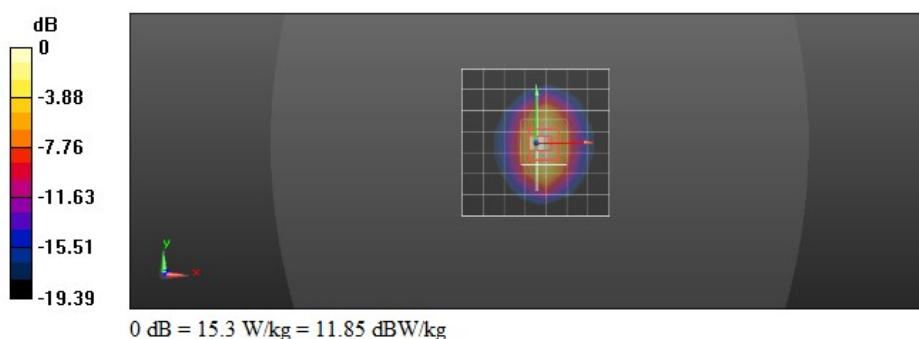
Peak SAR (extrapolated) = 18.8 W/kg

SAR(1 g) = 9.5 W/kg; SAR(10 g) = 4.84 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 50%

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



Test Laboratory: CTI SAR Lab

**Systemcheck 1900-Head****DUT: D1900V2 - SN5d198; Type: D1900V2; Serial: SN5d198**

Communication System: UID 0, CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Communication System PAR: 0 dB; PMF: 1  
 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.448$  S/m;  $\epsilon_r = 38.877$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.15, 8.15, 8.15) @ 1900 MHz; Calibrated: 5/7/2025
  - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm, Pin=250 mW/Area Scan (8x8x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 14.3 W/kg

**Configuration/d=10mm, Pin=250 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.0 V/m; Power Drift = -0.03 dB

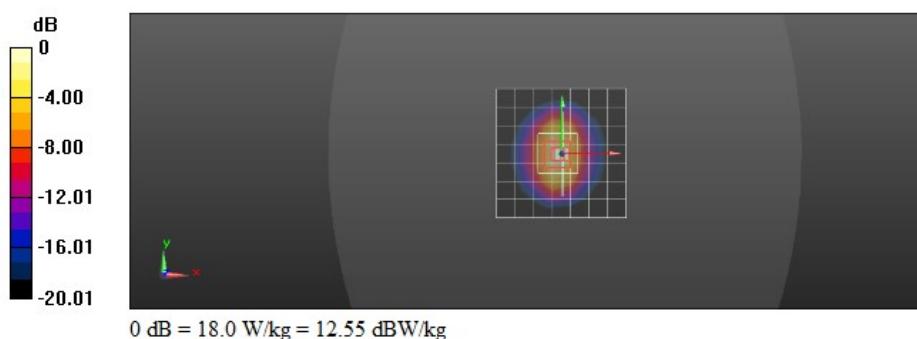
Peak SAR (extrapolated) = 22.3 W/kg

SAR(1 g) = 9.8 W/kg; SAR(10 g) = 4.97 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 49.3%

Maximum value of SAR (measured) = 18.0 W/kg



Test Laboratory: CTI SAR Lab

**Systemcheck 2450-Head****DUT: D2450V2 - SN959; Type: D2450V2; Serial: SN959**

Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz; Communication System PAR: 0 dB; PMF: 1  
 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.826$  S/m;  $\epsilon_r = 40.636$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.69, 7.69, 7.69) @ 2450 MHz; Calibrated: 4/18/2024
  - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm,Pin=100mW/Area Scan (10x10x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 6.91 W/kg

**Configuration/d=10mm,Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 72.14 V/m; Power Drift = -0.06 dB

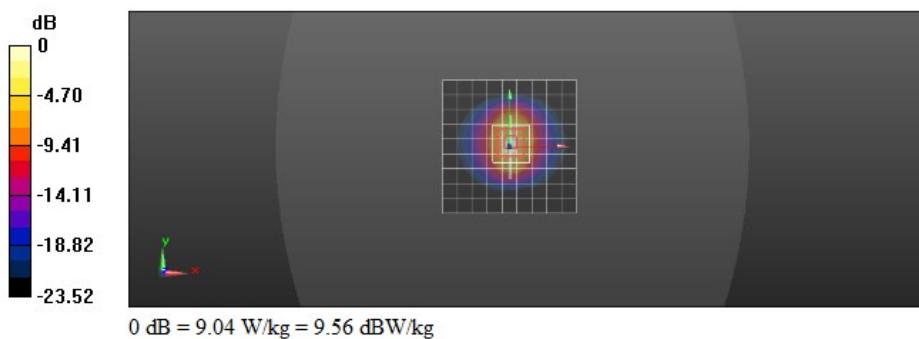
Peak SAR (extrapolated) = 11.7 W/kg

SAR(1 g) = 5.16 W/kg; SAR(10 g) = 2.35 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 43.9%

Maximum value of SAR (measured) = 9.04 W/kg



Test Laboratory: CTI SAR Lab

**Systemcheck 2600-Head****DUT: D2600V2 - SN1101; Type: D2600V2; Serial: SN1101**

Communication System: UID 0, CW (0); Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Communication System PAR: 0 dB; PMF: 1  
 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.021$  S/m;  $\epsilon_r = 38.744$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.45, 7.45, 7.45) @ 2600 MHz; Calibrated: 4/18/2024
  - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm,Pin=100mW/Area Scan (10x10x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 9.91 W/kg

**Configuration/d=10mm,Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.96 V/m; Power Drift = -0.18 dB

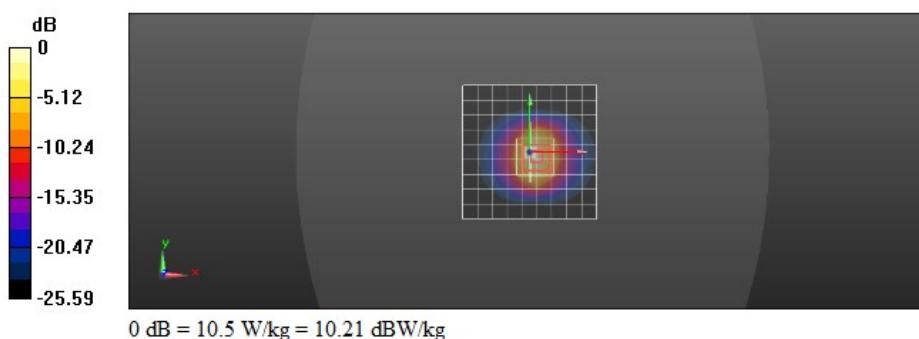
Peak SAR (extrapolated) = 13.9 W/kg

SAR(1 g) = 5.83 W/kg; SAR(10 g) = 2.52 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 41.7%

Maximum value of SAR (measured) = 10.5 W/kg



Test Laboratory: CTI SAR Lab

**Systemcheck 5250-Head****DUT: D5GHzV2 - SN1208; Type: D5GHzV2; Serial: SN1208**

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5250 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.895$  S/m;  $\epsilon_r = 36.684$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(5.4, 5.4, 5.4) @ 5250 MHz; Calibrated: 4/18/2024
  - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm,Pin=100mW/Area Scan (11x11x1):** Measurement grid: dx=10mm, dy=10mm

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

**Configuration/d=10mm,Pin=100mW/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 42.01 V/m; Power Drift = -0.02 dB

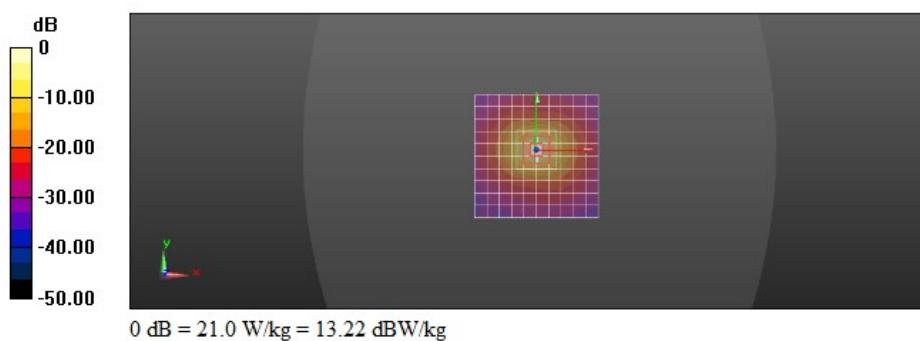
Peak SAR (extrapolated) = 38.7 W/kg

SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.24 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 47.2%

Maximum value of SAR (measured) = 21.0 W/kg



Test Laboratory: CTI SAR Lab

## Systemcheck 5750-Head

DUT: D5GHzV2 - SN1208; Type: D5GHzV2; Serial: SN1208

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5750 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.311$  S/m;  $\epsilon_r = 35.162$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(4.95, 4.95, 4.95) @ 5750 MHz; Calibrated: 4/18/2024
  - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm,Pin=100mW/Area Scan (11x11x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 15.6 W/kg

**Configuration/d=10mm,Pin=100mW/Zoom Scan (8x8x16)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 35.07 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 42.8 W/kg

SAR(1 g) = 7.5 W/kg; SAR(10 g) = 2.16 W/kg

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 42.4%

Maximum value of SAR (measured) = 20.1 W/kg

