

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2026/3/19

**System Check\_Head\_835MHz****DUT: D835V2 - 4d298**

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

Medium: HSL\_835\_260319 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 42.448$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7764; ConvF(10.17, 9.90, 10.08) @ 835 MHz; Calibrated: 2025/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1649; Calibrated: 2025/8/27
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.501 W/kg

**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.33 V/m; Power Drift = 0.06 dB

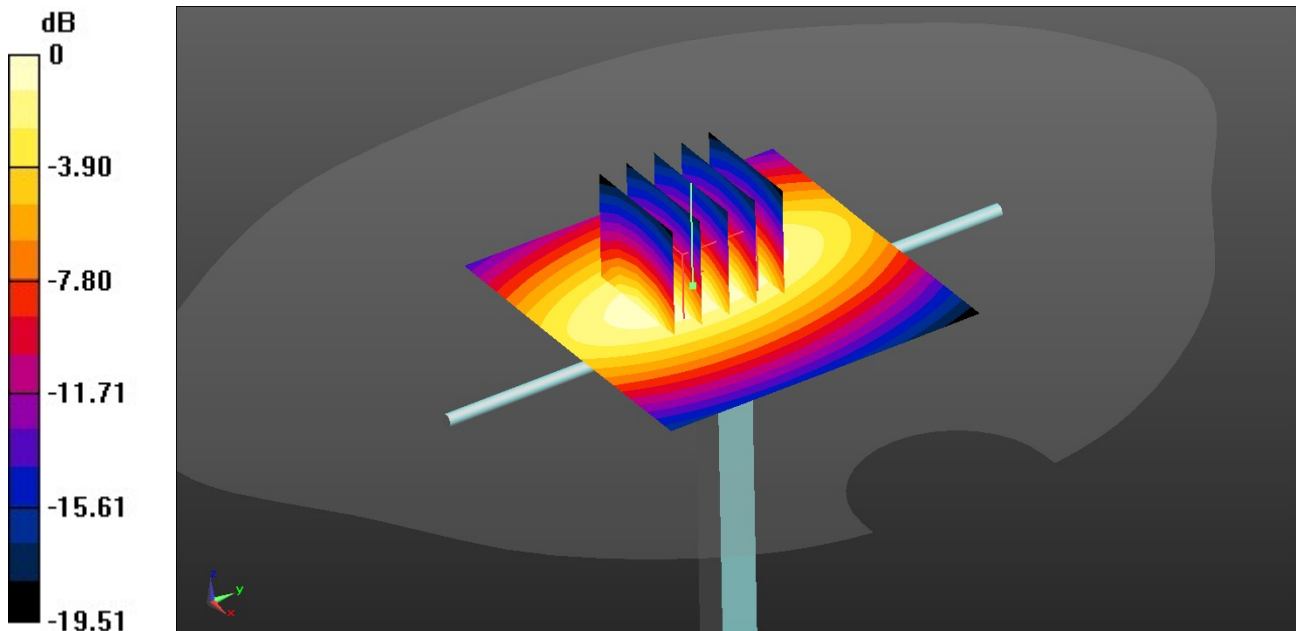
Peak SAR (extrapolated) = 0.615 W/kg

**SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.294 W/kg**

Smallest distance from peaks to all points 3 dB below = 19.5 mm

Ratio of SAR at M2 to SAR at M1 = 70.3%

Maximum value of SAR (measured) = 0.507 W/kg



0 dB = 0.501 W/kg = -3.00 dBW/kg

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**System Check\_Head\_1900MHz****DUT: D1900V2-5d170**

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

Medium: HSL\_1900\_260319 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.446$  S/m;  $\epsilon_r = 39.105$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7764; ConvF(8.21, 7.99, 8.14) @ 1900 MHz; Calibrated: 2025/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1649; Calibrated: 2025/8/27
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.30 W/kg

**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 51.02 V/m; Power Drift = 0.03 dB

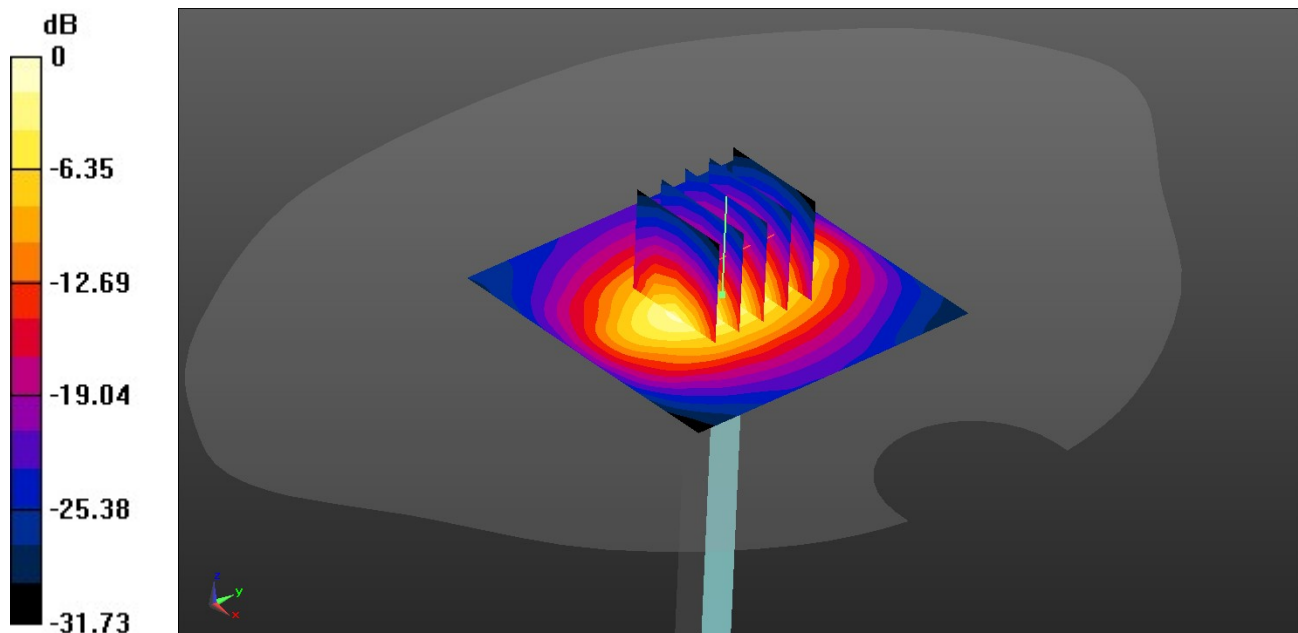
Peak SAR (extrapolated) = 3.84 W/kg

**SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.13 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 55.9%

Maximum value of SAR (measured) = 3.31 W/kg



0 dB = 3.30 W/kg = 5.19 dBW/kg

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**System Check\_Head\_2450MHz****DUT: D2450V2-1095**

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

Medium: HSL\_2450\_260319 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.765$  S/m;  $\epsilon_r = 39.26$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7764; ConvF(7.65, 7.44, 7.58) @ 2450 MHz; Calibrated: 2025/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1649; Calibrated: 2025/8/27
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.98 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.44 V/m; Power Drift = -0.03 dB

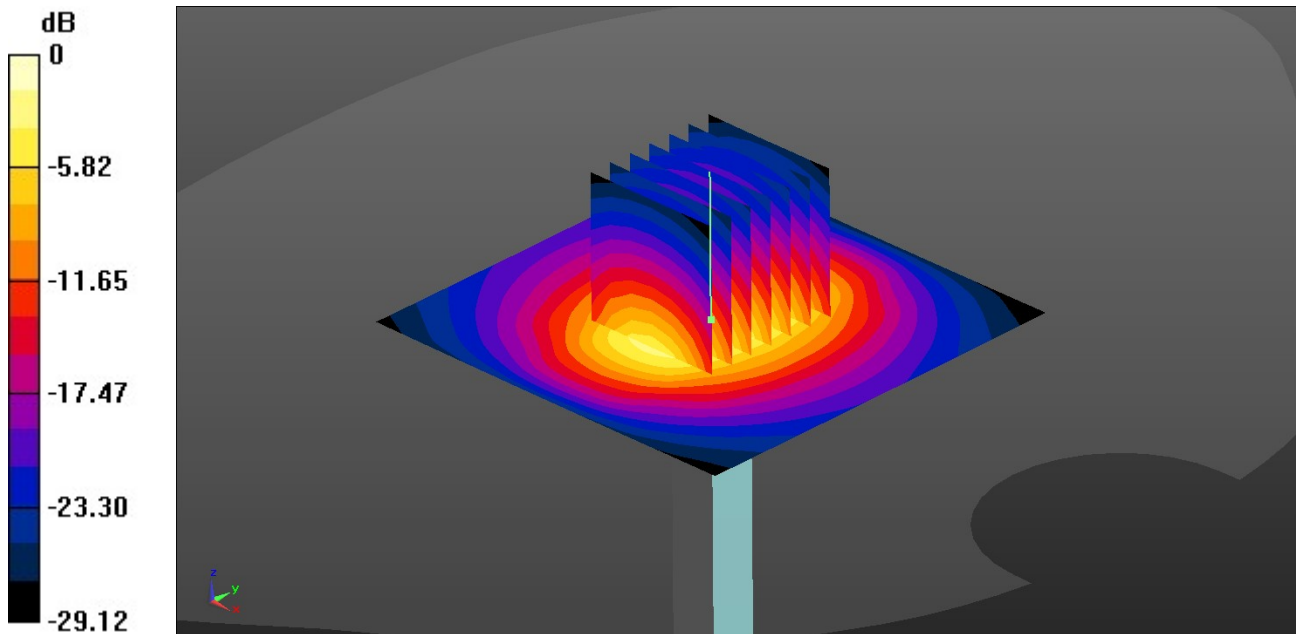
Peak SAR (extrapolated) = 5.52 W/kg

**SAR(1 g) = 2.82 W/kg; SAR(10 g) = 1.33 W/kg**

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 53.9%

Maximum value of SAR (measured) = 3.80 W/kg



0 dB = 3.98 W/kg = 6.00 dBW/kg

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**System Check\_Head\_5250MHz****DUT: D5GHzV2 - SN:1113**

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

Medium: HSL\_5250\_260320 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.716$  S/m;  $\epsilon_r = 36.273$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7764; ConvF(5.9, 5.74, 5.85) @ 5250 MHz; Calibrated: 2025/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1649; Calibrated: 2025/8/27
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 11.3 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 54.22 V/m; Power Drift = -0.11 dB

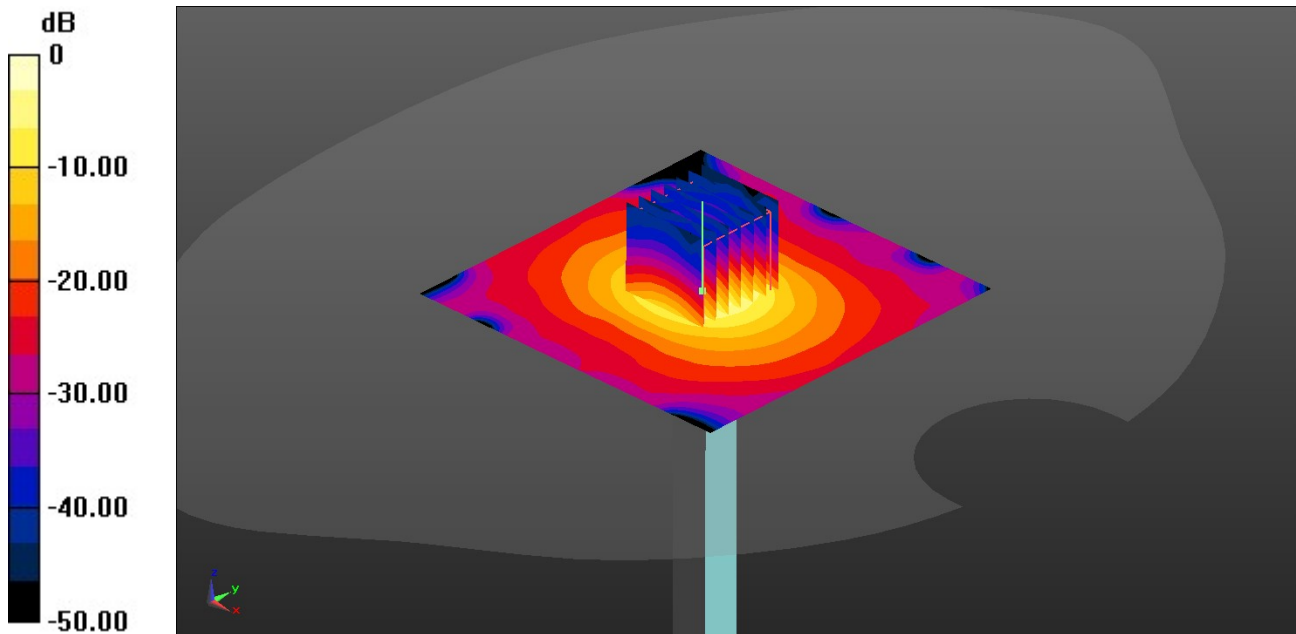
Peak SAR (extrapolated) = 19.1 W/kg

**SAR(1 g) = 4.01 W/kg; SAR(10 g) = 1.18 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

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

Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 11.3 W/kg = 10.53 dBW/kg

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**System Check\_Head\_5800MHz****DUT: D5GHzV2 - SN:1113**

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

Medium: HSL\_5800\_260320 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.277$  S/m;  $\epsilon_r = 35.728$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7764; ConvF(5.31, 5.17, 5.27) @ 5800 MHz; Calibrated: 2025/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1649; Calibrated: 2025/8/27
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 10.3 W/kg

**Pin=50mW/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.13 V/m; Power Drift = 0.09 dB

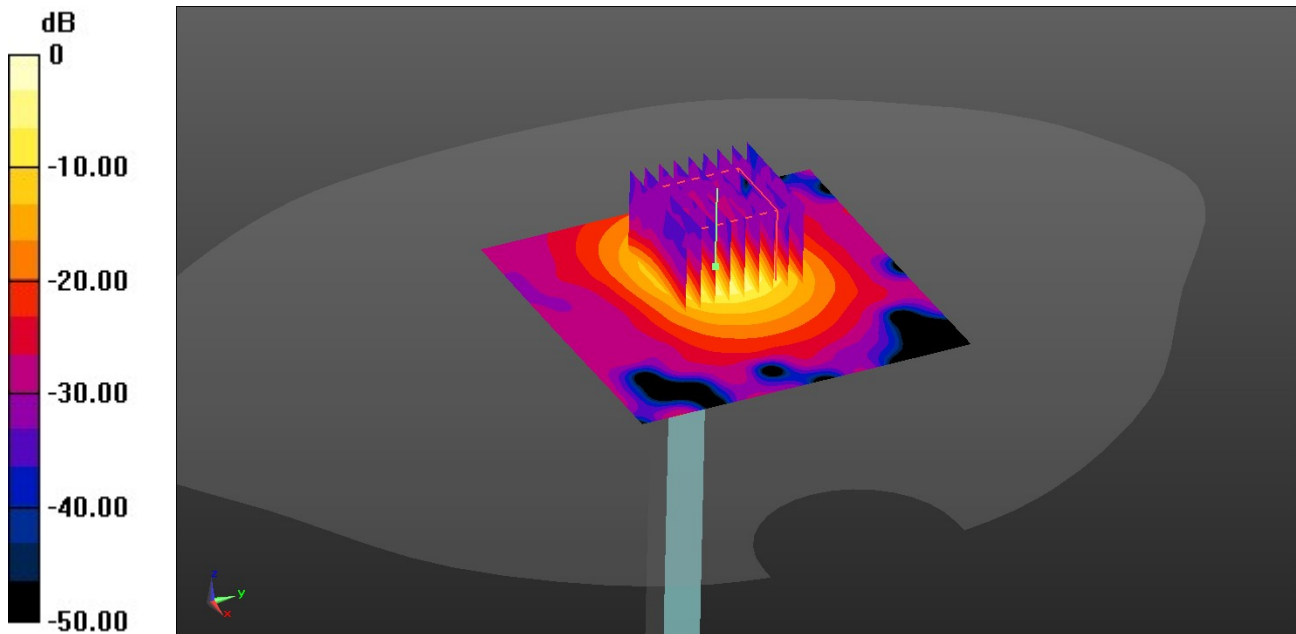
Peak SAR (extrapolated) = 19.8 W/kg

**SAR(1 g) = 4.28 W/kg; SAR(10 g) = 1.21 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 57.7%

Maximum value of SAR (measured) = 10.4 W/kg



0 dB = 10.3 W/kg = 10.13 dBW/kg