

Appendix B - SAR Measurement

Test Laboratory: TUV Inc.

Date: 2026/5/25

02_WLAN2.4GHz_802.11b 1Mbps_Edge1_0mm_Ch6

DUT: ii1050,ii1030

Communication System: UID 0, 01 WLAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1.26125

Medium: HSL2.4G_260525 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r =$

39.967 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(6.98, 6.88, 8.06) @ 2437 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -29.0, 23.0$
- 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)

Area Scan (7x21x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.264 W/kg

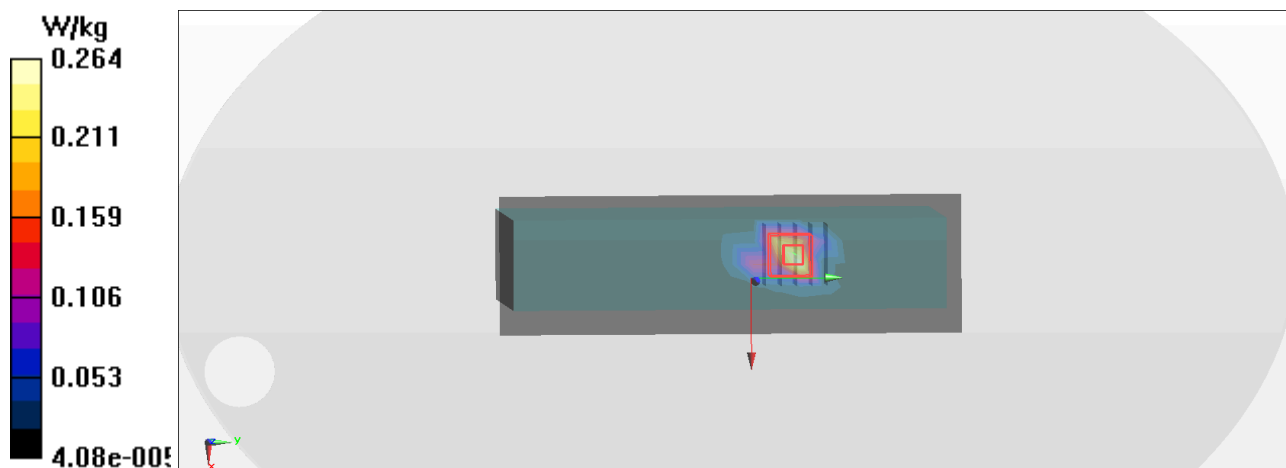
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.843 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.657 W/kg

SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.476 W/kg



09_WLAN2.4GHz_802.11g 6Mbps_Edge1_0mm_Ch6**DUT: ii1050,ii1030**

Communication System: UID 0, 01 WLAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1.26532

Medium: HSL2.4G_260525 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r =$ 39.967; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(6.98, 6.88, 8.06) @ 2437 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -29.0, 23.0$
- 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)

Area Scan (7x21x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.776 W/kg

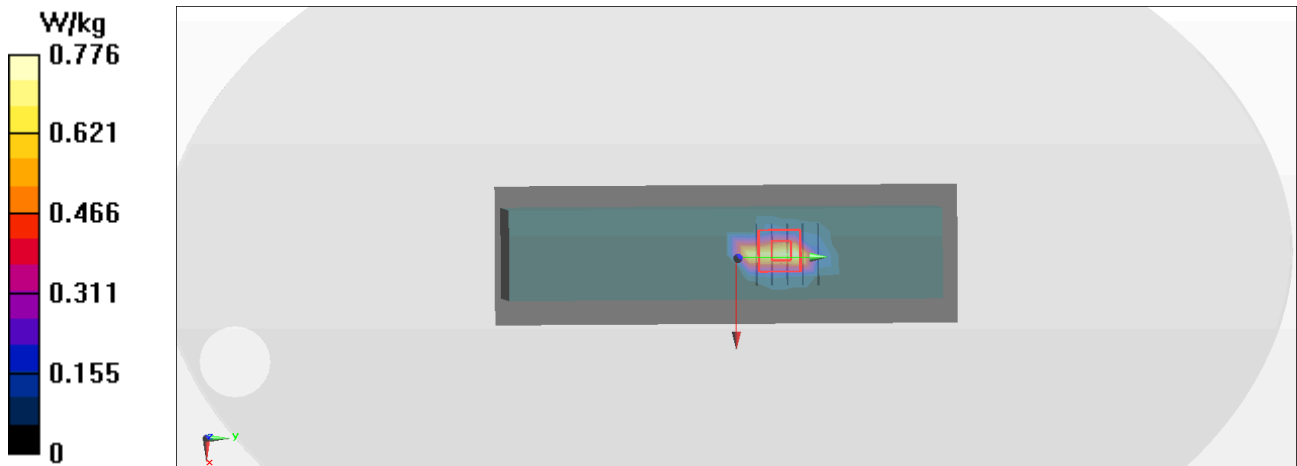
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.756 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 0.890 W/kg



23_WLAN5GHz_802.11a 6Mbps_Edge1_0mm_Ch36**DUT: ii1050,ii1030**

Communication System: UID 0, 01 WLAN (0); Frequency: 5180 MHz; Duty Cycle: 1:1.26474

Medium: HSL5G_260531 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.483$ S/m; $\epsilon_r = 36.011$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(5.27, 5.2, 6.09) @ 5180 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -29.0, 23.0$
- 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)

Area Scan (7x25x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 3.48 W/kg

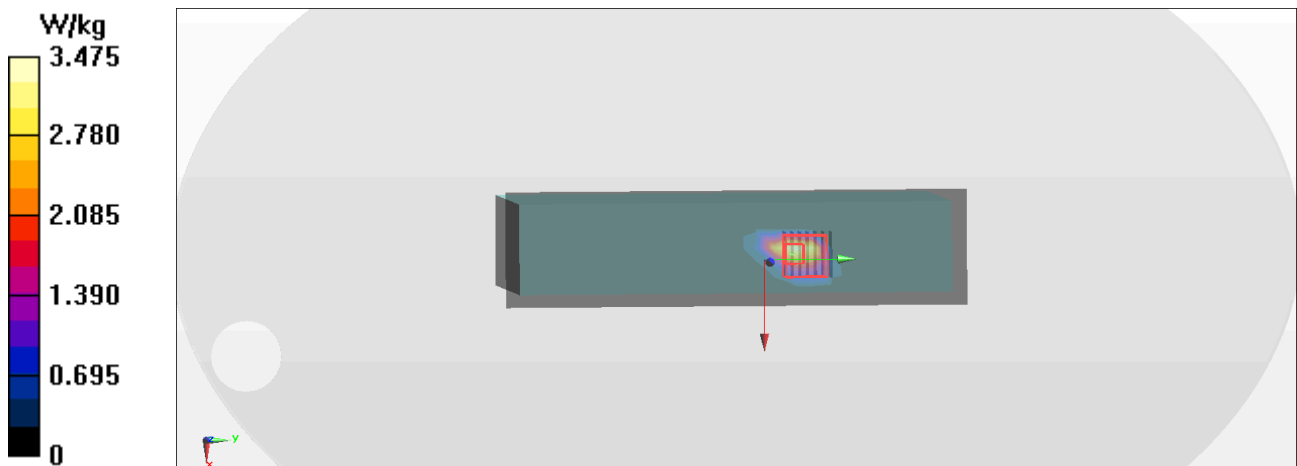
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.072 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 7.43 W/kg

SAR(1 g) = 1.4 W/kg; SAR(10 g) = 0.417 W/kg

Maximum value of SAR (measured) = 3.73 W/kg



30_WLAN5GHz_802.11a 6Mbps_Edge1_0mm_Ch52**DUT: ii1050,ii1030**

Communication System: UID 0, 01 WLAN (0); Frequency: 5260 MHz; Duty Cycle: 1:1.26474

Medium: HSL5G_260531 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.573$ S/m; $\epsilon_r = 35.867$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(5.27, 5.2, 6.09) @ 5260 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -29.0, 23.0$
- 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)

Area Scan (7x25x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 3.48 W/kg

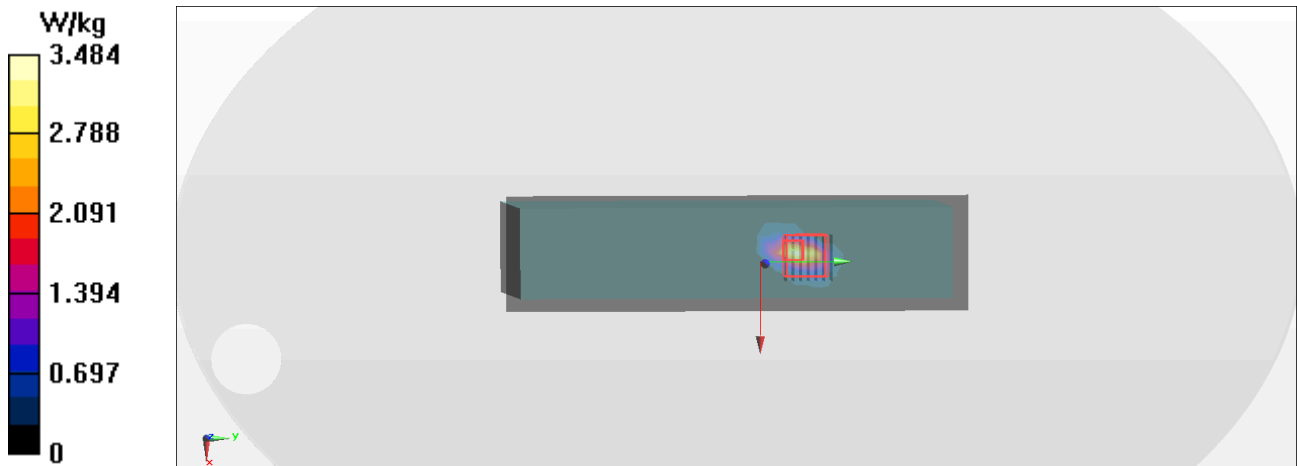
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 4.109 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 7.74 W/kg

SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.352 W/kg

Maximum value of SAR (measured) = 4.37 W/kg



42_WLAN5GHz_802.11a 6Mbps_Edge1_0mm_Ch140**DUT: ii1050,ii1030**

Communication System: UID 0, 01 WLAN (0); Frequency: 5700 MHz; Duty Cycle: 1:1.26474

Medium: HSL5G_260531 Medium parameters used (interpolated): $f = 5700$ MHz; $\sigma = 5.071$ S/m; $\epsilon_r = 35.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(4.73, 4.67, 5.47) @ 5700 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -29.0, 23.0$
- 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)

Area Scan (7x25x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.57 W/kg

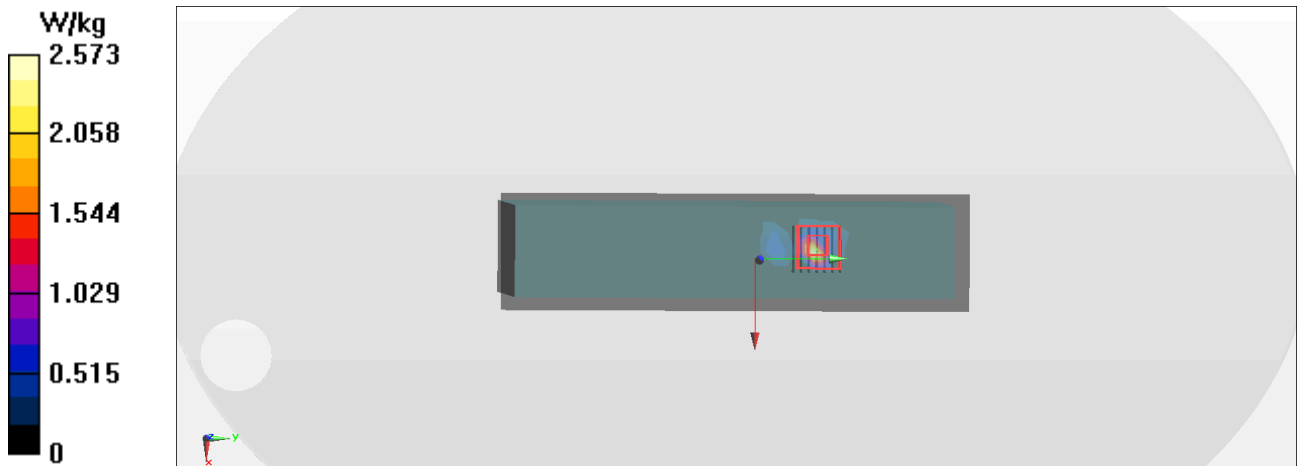
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 0 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 4.41 W/kg



49_WLAN5GHz_802.11a 6Mbps_Edge1_0mm_Ch165**DUT: ii1050,ii1030**

Communication System: UID 0, 01 WLAN (0); Frequency: 5825 MHz; Duty Cycle: 1:1.26678

Medium: HSL5G_260531 Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 5.216$ S/m; $\epsilon_r =$ 34.867; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(4.73, 4.67, 5.47) @ 5825 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -29.0, 23.0$
- 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)

Area Scan (7x25x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.96 W/kg

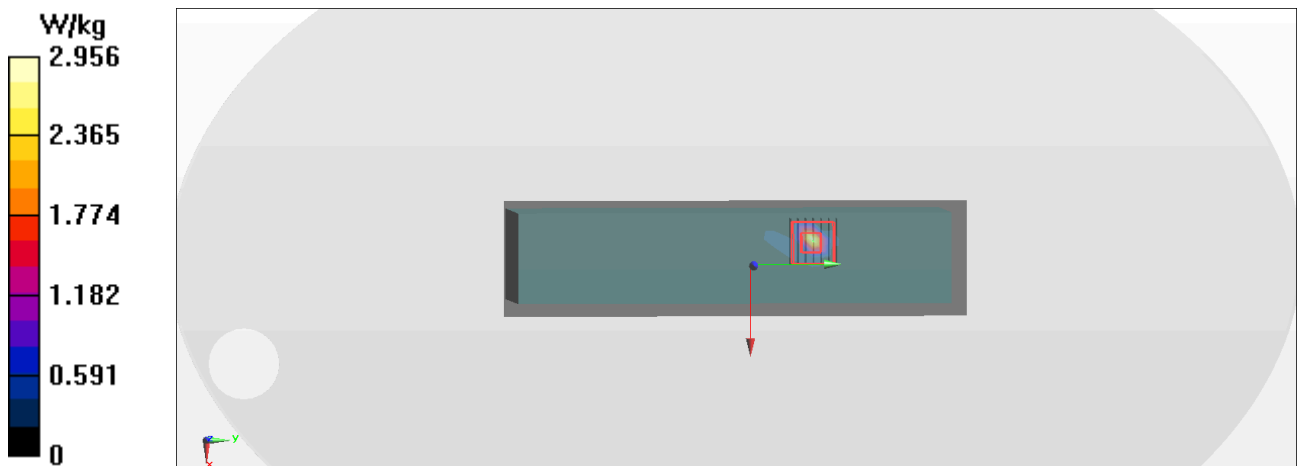
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 0 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 8.44 W/kg

SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.142 W/kg

Maximum value of SAR (measured) = 3.45 W/kg



59_Bluetooth_BR_1DH5_Back_0mm_Ch39**DUT: ii1050,ii1030**

Communication System: UID 0, 01 Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.34865

Medium: HSL2.4G_260707 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r =$ 39.954; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.9°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2026/4/20
- Probe: EX3DV4 - SN7400; ConvF(6.98, 6.88, 8.06) @ 2441 MHz; Calibrated: 2026/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -29.0, 23.0$
- 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)

Area Scan (7x21x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.148 W/kg

Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.198 W/kg

