

Appendix C:Plots of SAR test Data

WLAN2.4-B-CH6-Top

Communication System: UID 0, WLAN (0); Communication System Band: WLAN; Frequency: 2437 MHz;

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 39.275$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(7.26, 7.62, 7.28); Calibrated: 9/10/2025;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: 13/10/2025
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2058
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Area Scan (51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.939 W/kg

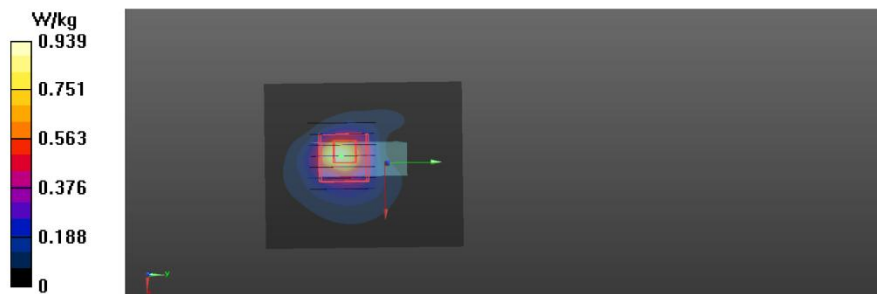
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.657 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.587 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 0.925 W/kg



RLAN5.2G-N20-CH36-Top

Communication System: UID 0, 802.11a (0); Communication System Band: U-NII-1; Frequency: 5180 MHz;

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.709$ S/m; $\epsilon_r = 36.152$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(5.7, 5.98, 5.71); Calibrated: 9/10/2025;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: 13/10/2025
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2058
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Area Scan (51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.967 W/kg

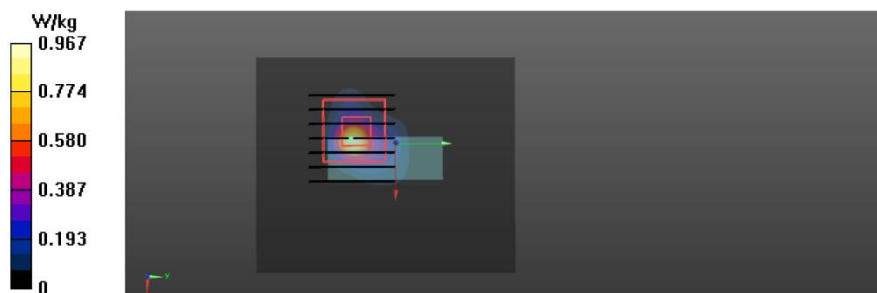
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.381 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.26 W/kg

SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 1.16 W/kg



RLAN5.8G-N20-CH149-Top

Communication System: UID 0, 802.11a (0); Communication System Band: U-NII-3; Frequency: 5745 MHz;

Medium parameters used (extrapolated): $f = 5745$ MHz; $\sigma = 5.44$ S/m; $\epsilon_r = 35.782$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(5.35, 5.61, 5.36); Calibrated: 9/10/2025;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: 13/10/2025
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2058
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Area Scan (51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.34 W/kg

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

Reference Value = 3.554 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.67 W/kg

SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.161 W/kg

Maximum value of SAR (measured) = 1.56 W/kg

