

Appendix C:Plots of SAR test Data

#1

Date/Time: 23/5/2026 14:52:04

WLAN2.4G-B-CH1-Back

Communication System: UID 0, WLAN (0); Communication System Band: WLAN; Frequency: 2412 MHz;

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 38.746$; $\rho = 1000$ 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 (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.70 W/kg

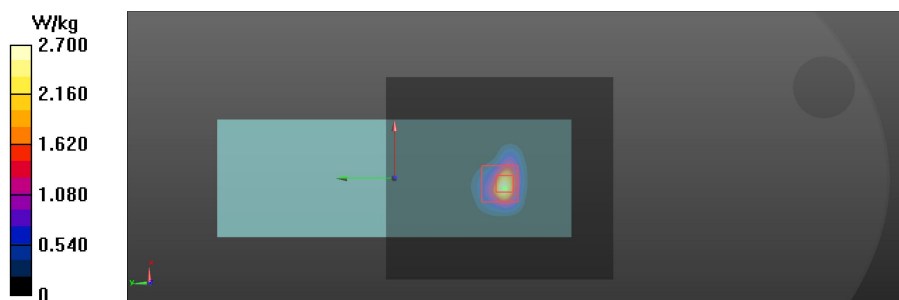
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.424 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.47 W/kg

SAR(1 g) = 1.52 W/kg; SAR(10 g) = 0.617 W/kg

Maximum value of SAR (measured) = 2.51 W/kg



#2

Date/Time: 24/5/2026 17:22:57

WLAN5.2G-AC80-CH42-Back

Communication System: UID 0, 802.11a (0); Communication System Band: U-NII-1; Frequency: 5210 MHz;

Medium parameters used: $f = 5210$ MHz; $\sigma = 4.931$ S/m; $\epsilon_r = 36.285$; $\rho = 1000$ kg/m³

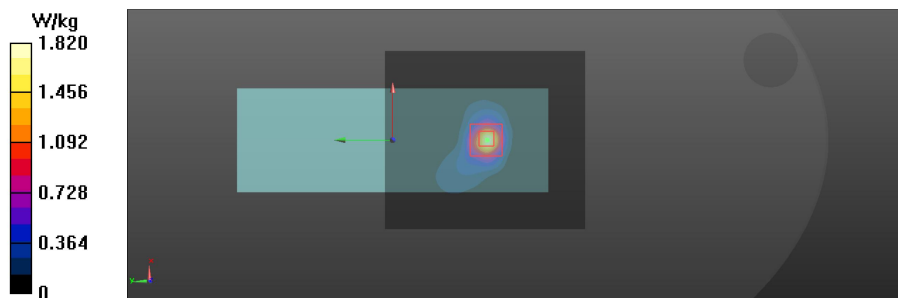
Phantom section: Flat Section

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 (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.82 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm
Reference Value = 1.042 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 4.16 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.346 W/kg
Maximum value of SAR (measured) = 2.01 W/kg



#3

Date/Time: 25/5/2026 15:55:52

WLAN5.8G-A-CH149-Back

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

Medium parameters used: $f = 5745$ MHz; $\sigma = 5.255$ S/m; $\epsilon_r = 34.853$; $\rho = 1000$ 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 (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.285 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm
Reference Value = 1.302 V/m; Power Drift = 0.12dB
Peak SAR (extrapolated) = 0.666 W/kg
SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.214 W/kg

