

Appendix C:Plots of SAR test Data

WLAN2.4G-11B-CH11-Front-ANT1

Communication System: UID 0, WLAN (0); Communication System Band: WLAN; Frequency: 2462 MHz;

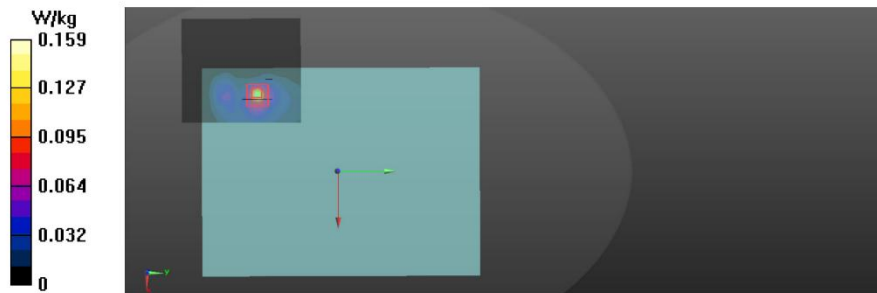
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.870$ S/m; $\epsilon_r = 39.334$; $\rho = 1000$ kg/m³ Phantom section: Flat Section

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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.159 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.655 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.136 W/kg



WLAN2.4G-11B-CH11-Front-ANT2

Communication System: UID 0, WLAN (0); Communication System Band: WLAN; Frequency: 2462 MHz;

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.870$ S/m; $\epsilon_r = 39.334$; $\rho = 1000$ 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.272 W/kg

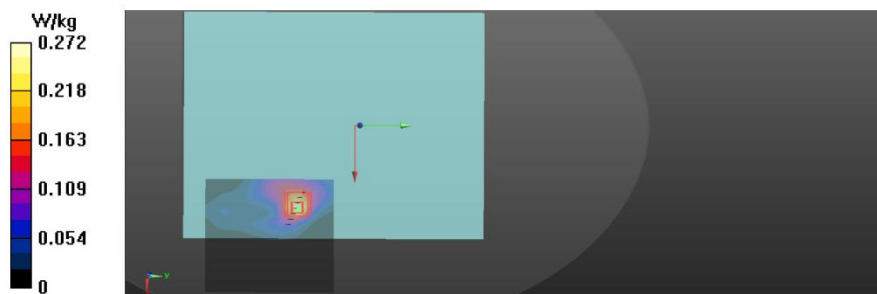
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.660 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.370 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.270 W/kg



WLAN5.2G-AX20-CH36-Front-ANT1

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

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.692$ S/m; $\epsilon_r = 35.713$; $\rho = 1000$ kg/m³

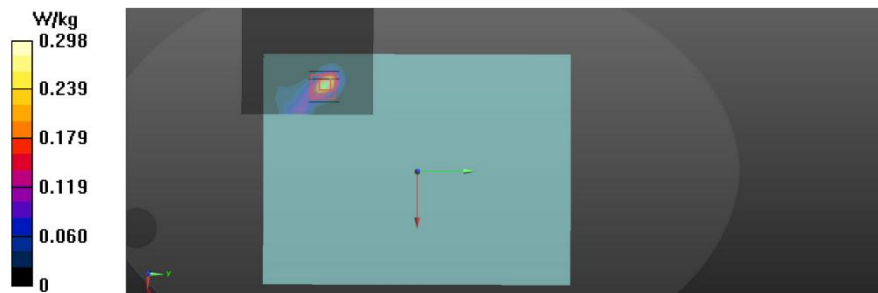
Phantom section: Flat Section

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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.298 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7mm, dy=7mm, dz=5mm
Reference Value = 0.536 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.681 W/kg
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.262 W/kg



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WLAN5.2G-AX20-CH36-Front-ANT2

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

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.692$ S/m; $\epsilon_r = 35.713$; $\rho = 1000$ kg/m³

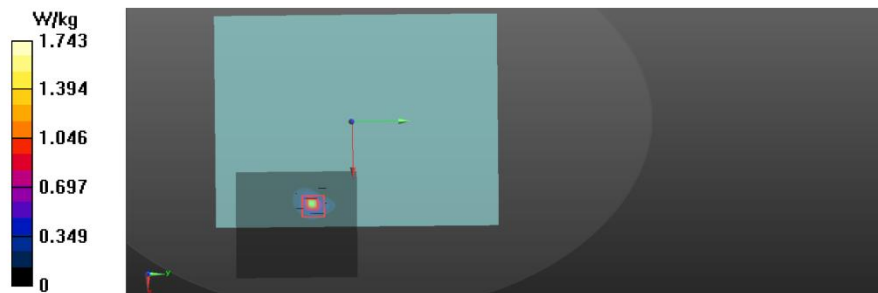
Phantom section: Flat Section

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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.74 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 4.79 W/kg
SAR(1 g) = 0.980 W/kg; SAR(10 g) = 0.233 W/kg
Maximum value of SAR (measured) = 2.05 W/kg



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WLAN5.3G-AX80-CH58-Front-ANT1

Communication System: UID 0, 802.11a (0); Communication System Band: U-NII-2A; Frequency: 5290 MHz;

Medium parameters used: $f = 5290$ MHz; $\sigma = 4.782$ S/m; $\epsilon_r = 35.79$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

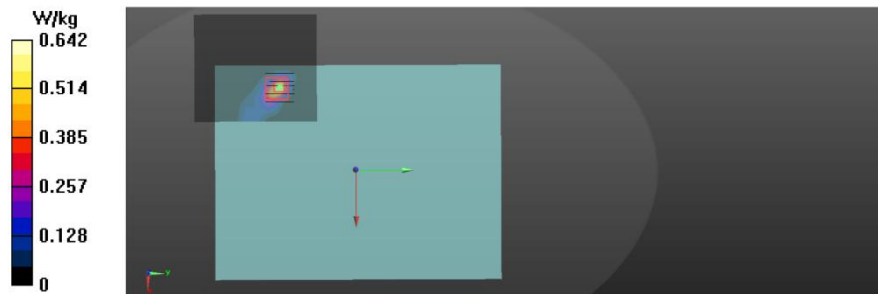
DASY Configuration:

- 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.642 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm
Reference Value = 0 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.601 W/kg



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WLAN5.3G-AX80-CH58-Front-ANT2

Communication System: UID 0, 802.11a (0); Communication System Band: U-NII-2A; Frequency: 5290 MHz;

Medium parameters used: $f = 5290$ MHz; $\sigma = 4.782$ S/m; $\epsilon_r = 35.79$; $\rho = 1000$ 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.69 W/kg

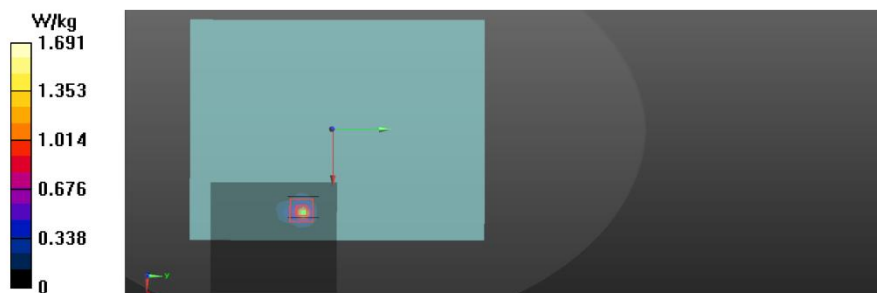
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.461 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 5.81 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.289 W/kg

Maximum value of SAR (measured) = 2.10 W/kg



WLAN5.6G-AX80-CH106-Front-ANT1

Communication System: UID 0, 802.11a (0); Communication System Band: U-NII-2C; Frequency: 5530 MHz;

Medium parameters used: $f = 5530$ MHz; $\sigma = 5.012$ S/m; $\epsilon_r = 35.15$; $\rho = 1000$ kg/m³

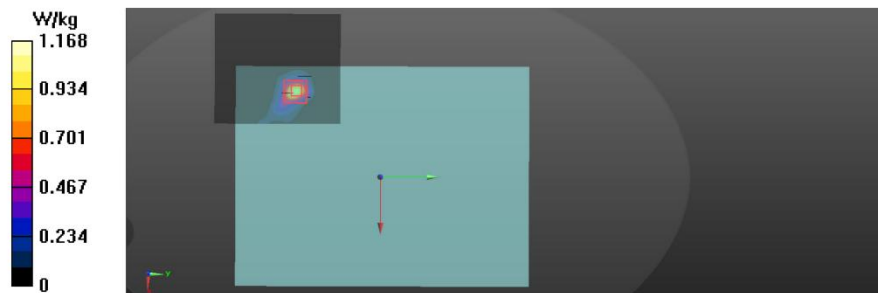
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(5.29, 5.54, 5.3); 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm
Reference Value = 0.569 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.52 W/kg
SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



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WLAN5.6G-AX80-CH106-Front-ANT2

Communication System: UID 0, 802.11a (0); Communication System Band: U-NII-2C; Frequency: 5530 MHz;

Medium parameters used: $f = 5530$ MHz; $\sigma = 5.012$ S/m; $\epsilon_r = 35.15$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(5.29, 5.54, 5.3); 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.46 W/kg

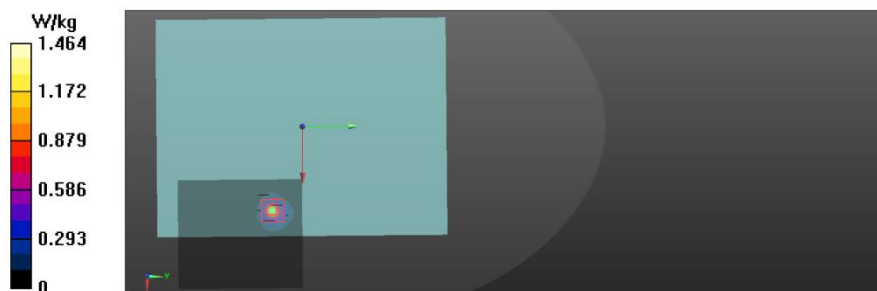
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.889 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.26 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



WLAN5.8G-AX20-CH165-Front-ANT1

Communication System: UID 0, 802.11a (0); Communication System Band: U-NII-3; Frequency: 5825 MHz;

Medium parameters used: $f = 5825$ MHz; $\sigma = 5.32$ S/m; $\epsilon_r = 35.466$; $\rho = 1000$ 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.73 W/kg

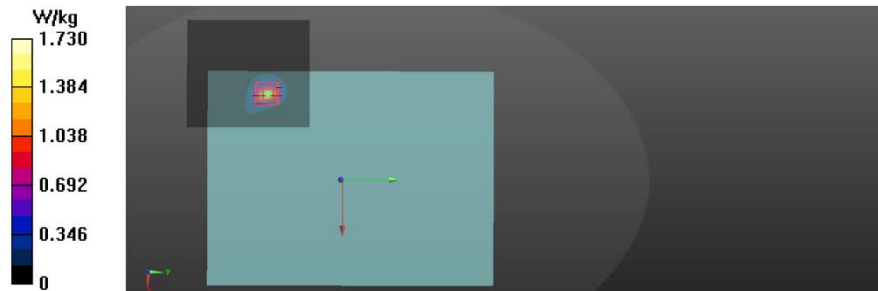
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.99 W/kg

SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 1.67 W/kg



WLAN5.8G-AX20-CH165-Front-ANT2

Communication System: UID 0, 802.11a (0); Communication System Band: U-NII-3; Frequency: 5825 MHz;

Medium parameters used: $f = 5825$ MHz; $\sigma = 5.32$ S/m; $\epsilon_r = 35.466$; $\rho = 1000$ 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.601 W/kg

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

Reference Value = 0 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.622 W/kg

