

Appendix C:Plots of SAR test Data

LTE-Band 2-CH19100-Back

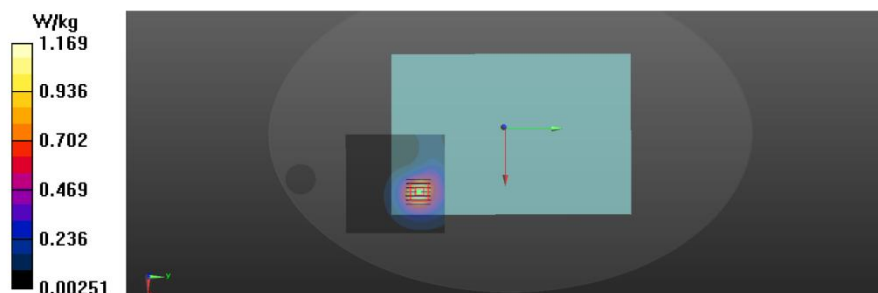
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2,
E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1900 MHz;
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.441$ S/m; $\epsilon_r = 40.026$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(7.78, 8.16, 7.8); 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 (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.193 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.491 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



LTE-Band 4-CH20175-Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 4,
E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz;
Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.387$ S/m; $\epsilon_r = 40.074$; $\rho = 1000$
kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(8.02, 8.41, 8.04); 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 (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.450 W/kg

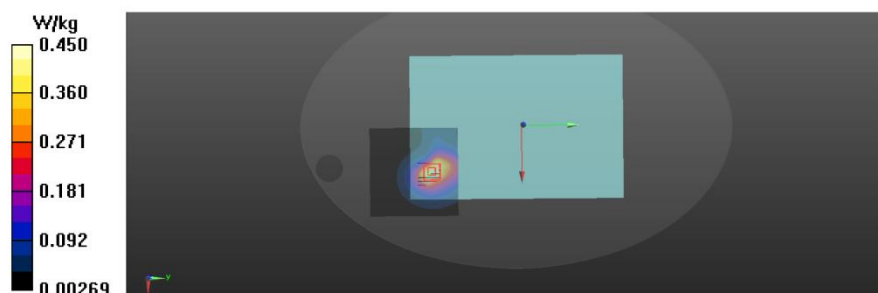
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.824 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.568 W/kg

SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.465 W/kg



LTE-Band 5-CH20600-Back

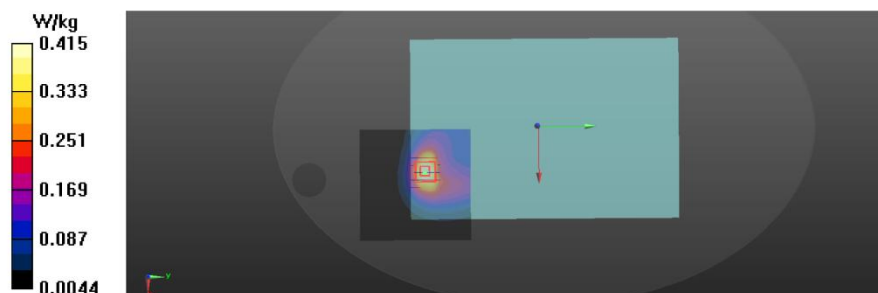
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5,
E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 844 MHz;
Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.933 \text{ S/m}$; $\epsilon_r = 42.041$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(9.61, 10.08, 9.63); 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 (81x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.415 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 5.292 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.539 W/kg
SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.215 W/kg
Maximum value of SAR (measured) = 0.455 W/kg



LTE-Band 12-CH23095-Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12,
E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 707.5 MHz;
Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 42.344$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(9.82, 10.29, 9.84); 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 (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.193 W/kg

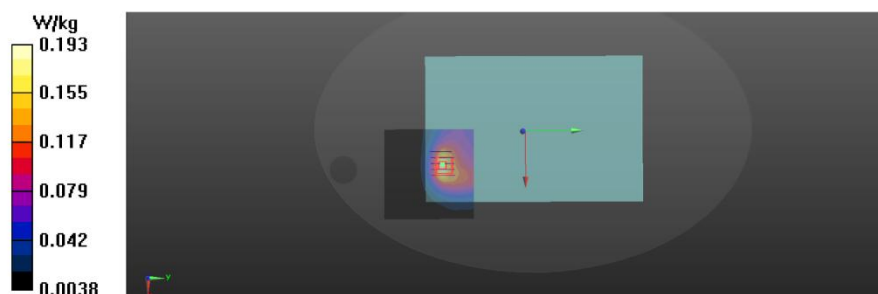
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.760 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.185 W/kg



LTE-Band 13-CH23230--Back

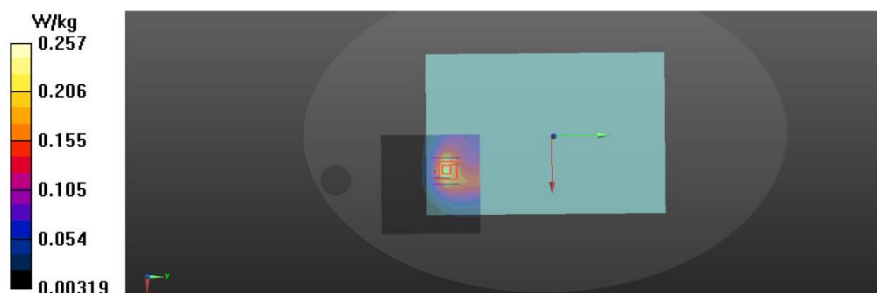
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13,
E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz;
Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 42.137$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(9.82, 10.29, 9.84); 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 (81x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.257 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 4.952 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.287 W/kg
SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.247 W/kg



LTE-Band 14-CH23330--Back

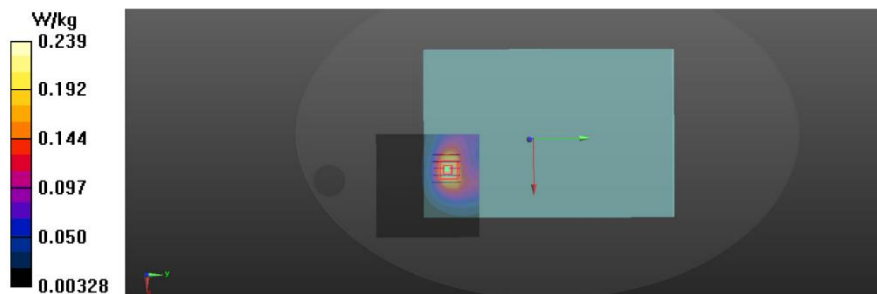
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 14,
E-UTRA/FDD (788.0 - 798.0 MHz); Frequency: 793 MHz;
Medium parameters used: $f = 793$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 41.186$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(9.82, 10.29, 9.84); 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 (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.239 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.248 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.124 W/kg
Maximum value of SAR (measured) = 0.260 W/kg



LTE-Band 66-CH132072--Back

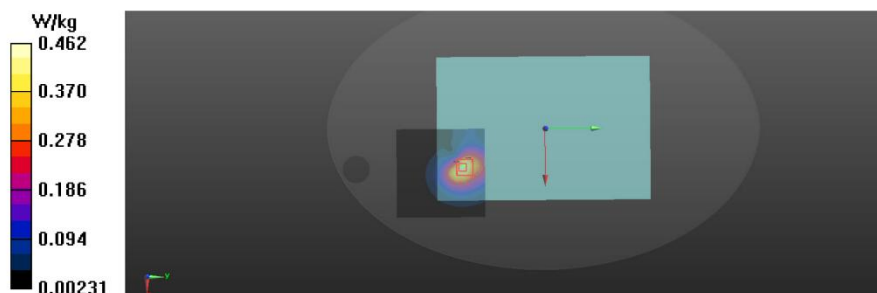
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 66;
Frequency: 1720 MHz;
Medium parameters used: $f = 1720$ MHz; $\sigma = 1.368$ S/m; $\epsilon_r = 39.782$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(8.02, 8.41, 8.04); 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 (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.462 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.863 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.571 W/kg
SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.209 W/kg
Maximum value of SAR (measured) = 0.473 W/kg



WIFI2.4G-B-CH11-Back-ANT1

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.831$ S/m; $\epsilon_r = 39.701$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.468 W/kg

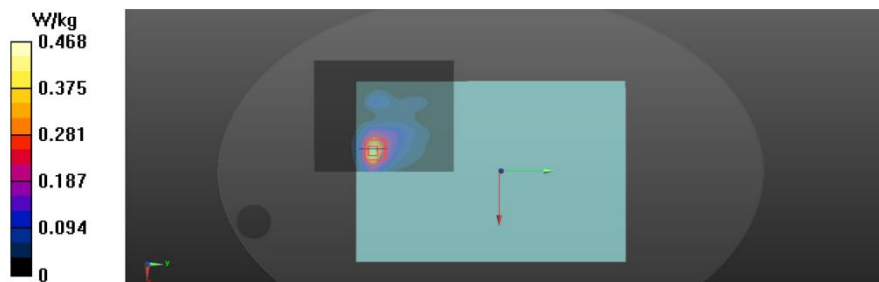
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.584 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.144 W/kg

Maximum value of SAR (measured) = 0.433 W/kg



WIFI2.4G-B-CH6-Back-ANT2

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.839$ S/m; $\epsilon_r = 39.045$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.931 W/kg

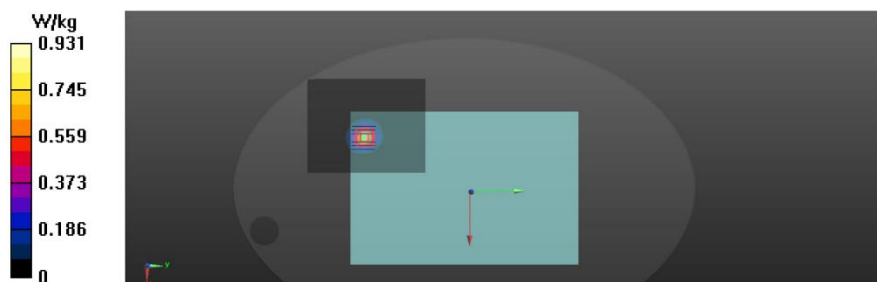
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.072 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.264 W/kg

Maximum value of SAR (measured) = 0.879 W/kg



WIFI5.2G-AX20-CH36-Back-ANT1

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

Medium parameters used (extrapolated): $f = 5180$ MHz; $\sigma = 4.61$ S/m; $\epsilon_r = 35.692$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.563 W/kg

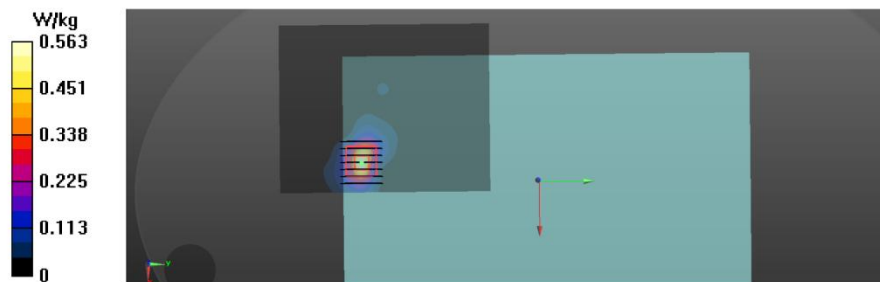
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.531 W/kg



WIFI5.2G-A-CH36-Back-ANT2

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

Medium parameters used (extrapolated): $f = 5180$ MHz; $\sigma = 4.61$ S/m; $\epsilon_r = 35.692$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.580 W/kg

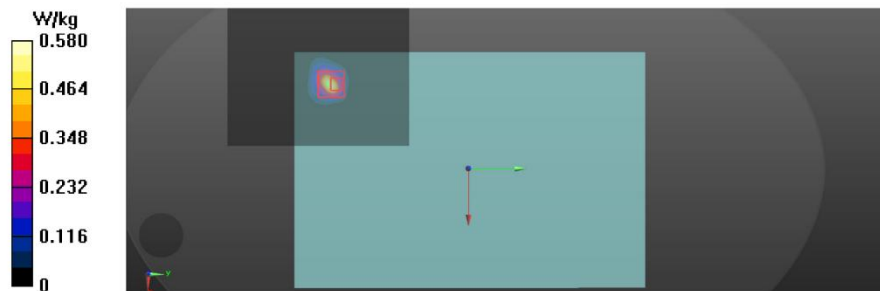
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 1.012 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.664 W/kg



WIFI5.8G-AX20-CH165-Back-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 (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

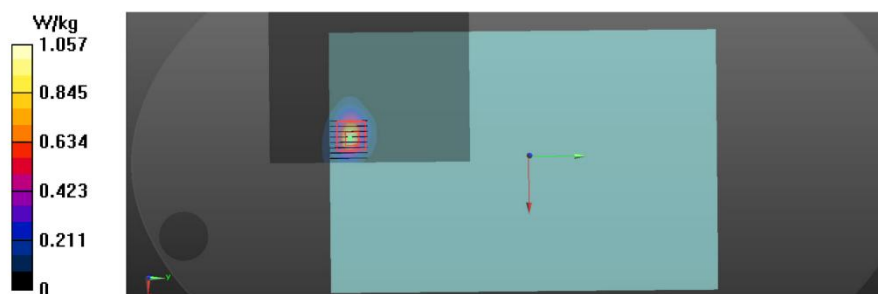
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 0.166 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



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WIFI5.8G-A-CH149-Back-ANT2

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

Medium parameters used: $f = 5745$ MHz; $\sigma = 5.277$ S/m; $\epsilon_r = 35.771$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.442 W/kg

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

Reference Value = 0.114 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.085 W/kg

Maximum value of SAR (measured) = 0.529 W/kg

