

Appendix C:Plots of SAR test Data

LTE-Band 2-CH18900-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2,
E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;
Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.46$ S/m; $\epsilon_r = 40.98$; $\rho = 1000$ 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 (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.584 W/kg

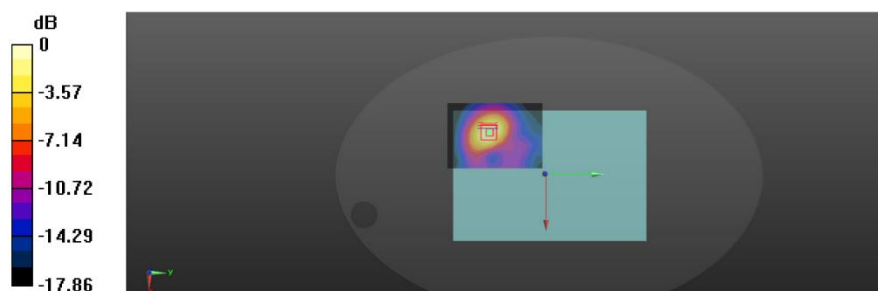
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 2.861 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.577 W/kg



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LTE-Band 4-CH20050-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 4,
E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz;
Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.31$ S/m; $\epsilon_r = 40.65$; $\rho = 1000$ 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 (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.543 W/kg

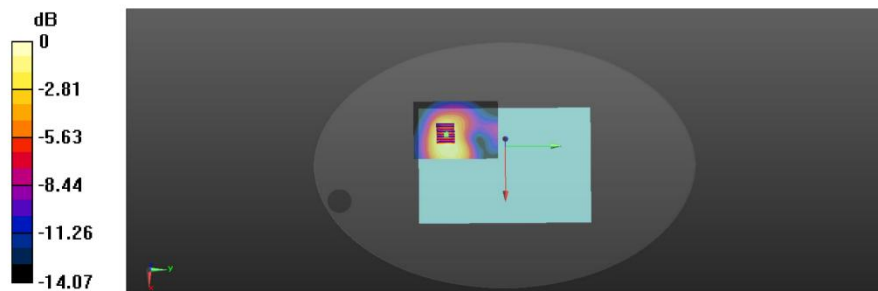
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 4.434 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.769 W/kg

SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.305 W/kg

Maximum value of SAR (measured) = 0.538 W/kg



LTE-Band 5-CH20525-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5,
E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz;
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 42.18$; $\rho = 1000$ kg/m³
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 (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.423 W/kg

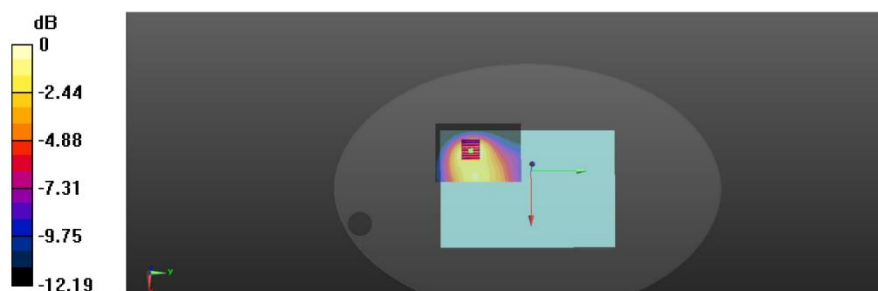
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 7.393 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 0.422 W/kg



LTE-Band 7-CH20850-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 7,
E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2510 MHz;
Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.91$ S/m; $\epsilon_r = 40.23$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(7.14, 7.48, 7.15); 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 (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

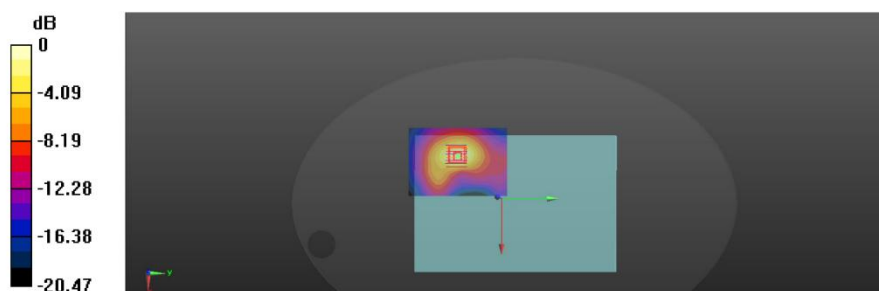
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 2.262 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (measured) = 0.628 W/kg



LTE-Band 17-CH23790-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17,
E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 710 MHz;
Medium parameters used (interpolated): $f = 710$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 43.16$; $\rho = 1000$ 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 (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.119 W/kg

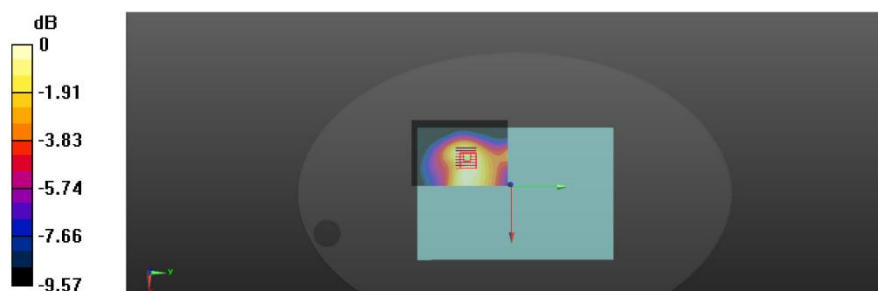
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 3.561 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.117 W/kg



LTE-Band 38-CH38150-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 38,
E-UTRA/TDD (2570.0 - 2620.0 MHz); Frequency: 2610 MHz;

Medium parameters used (interpolated): $f = 2610$ MHz; $\sigma = 2.05$ S/m; $\epsilon_r = 40.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(7.14, 7.48, 7.15); 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 (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.621 W/kg

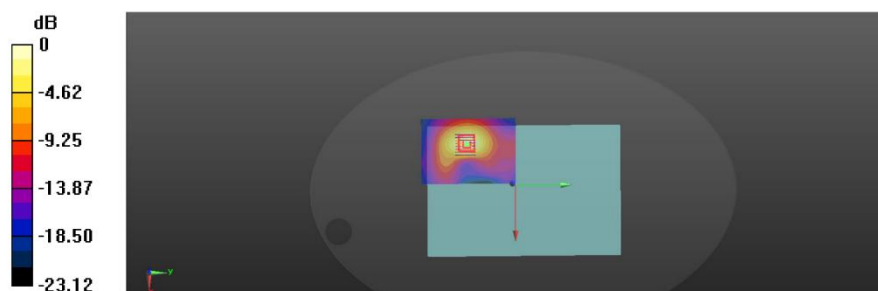
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 1.334 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.916 W/kg

SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.258 W/kg

Maximum value of SAR (measured) = 0.589 W/kg



LTE-Band 41-CH41140-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41,
E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2645 MHz;

Medium parameters used (interpolated): $f = 2645$ MHz; $\sigma = 2.11$ S/m; $\epsilon_r = 39.96$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(7.14, 7.48, 7.15); 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 (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.678 W/kg

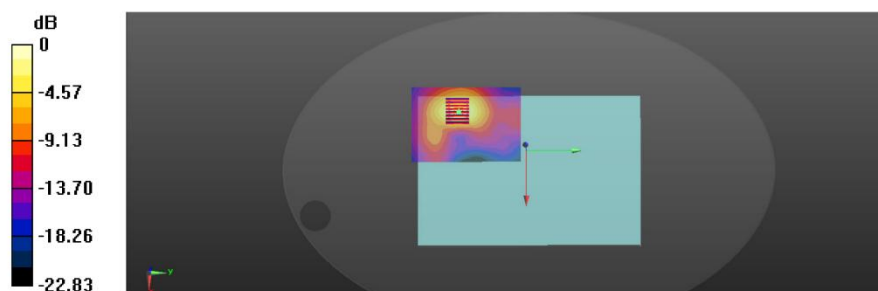
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 1.193 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.834 W/kg

SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.286 W/kg

Maximum value of SAR (measured) = 0.653 W/kg



WLAN2.4G-B-CH11-Body Right

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

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 40.25$; $\rho = 1000$ 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 (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.759 W/kg

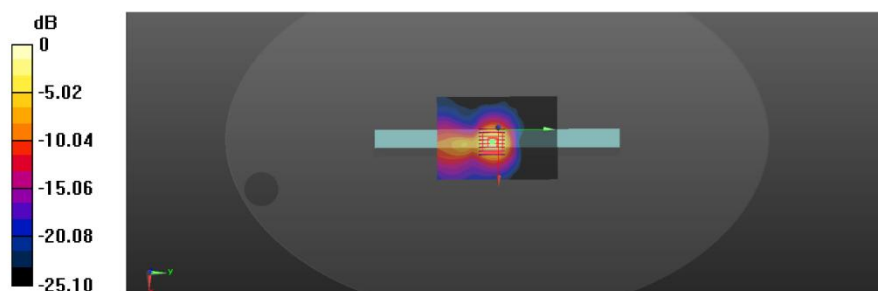
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 17.797 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.280 W/kg

Maximum value of SAR (measured) = 0.739 W/kg



RLAN5.2G-A-CH44-Body Right

Communication System: UID 0, 802.11a (0); Communication System Band: U-NII-1; Frequency: 5220 MHz;

Medium parameters used (interpolated): $f = 5220 \text{ MHz}$; $\sigma = 4.81 \text{ S/m}$; $\epsilon_r = 37.16$; $\rho = 1000 \text{ kg/m}^3$
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 (91x131x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.721 W/kg

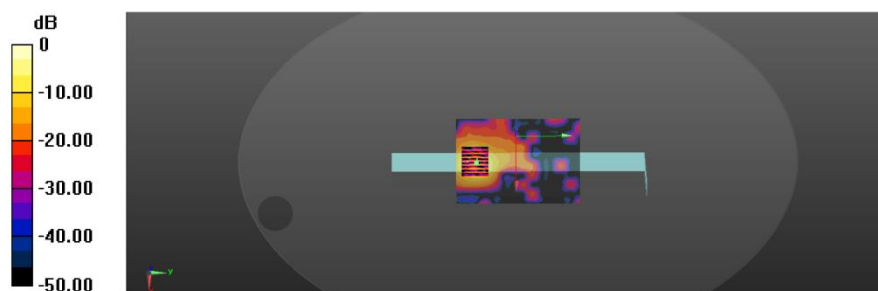
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.670 V/m ; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 3.38 W/kg

SAR(1 g) = 0.702 W/kg ; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 0.723 W/kg



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RLAN5.8G-A-CH149-Body Front

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

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.06$ S/m; $\epsilon_r = 36.92$; $\rho = 1000$ 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 (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.615 W/kg

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

Reference Value = 0.545 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.021 W/kg

SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.119 W/kg

Maximum value of SAR (measured) = 0.528 W/kg

