

Appendix C:Plots of SAR test Data

LTE-Band 2-CH18700-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2,
E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1860 MHz;
Medium parameters used (interpolated): $f = 1860$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 38.103$; $\rho = 1000$ 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 (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.587 W/kg

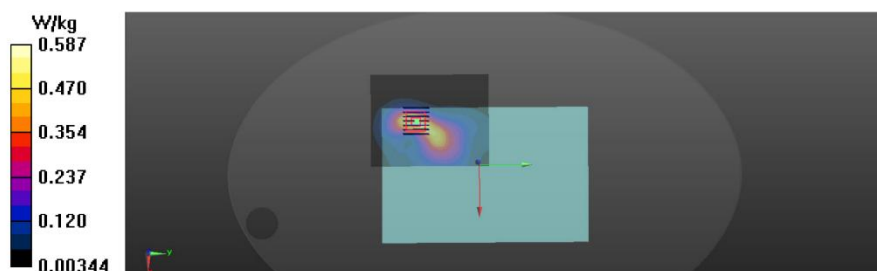
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.185 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.931 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.289 W/kg

Maximum value of SAR (measured) = 0.614 W/kg



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; $\sigma = 1.284$ S/m; $\epsilon_r = 38.596$; $\rho = 1000$ 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 (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.604 W/kg

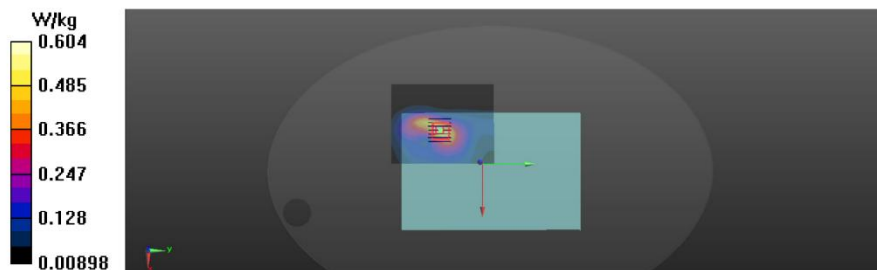
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.523 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.940 W/kg

SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 0.608 W/kg



LTE-Band 5-CH20450-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5,
E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 829 MHz;
Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 42.948$; $\rho = 1000$ 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 (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00311 W/kg

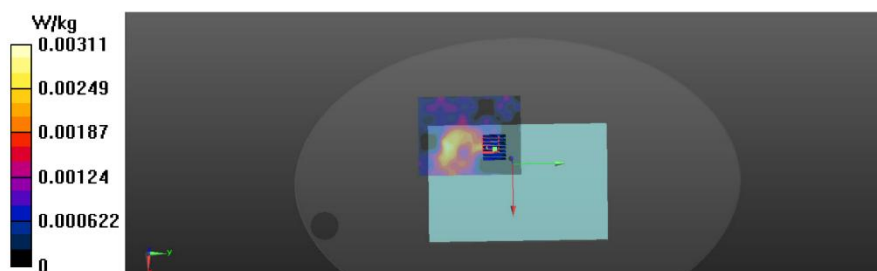
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.208 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.00451 W/kg

SAR(1 g) = 0.006 W/kg; SAR(10 g) = 0.002 W/kg

Maximum value of SAR (measured) = 0.008 W/kg



LTE-Band 12-CH23095-Body 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; $\sigma = 0.915$ S/m; $\epsilon_r = 43.286$; $\rho = 1000$ 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 (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

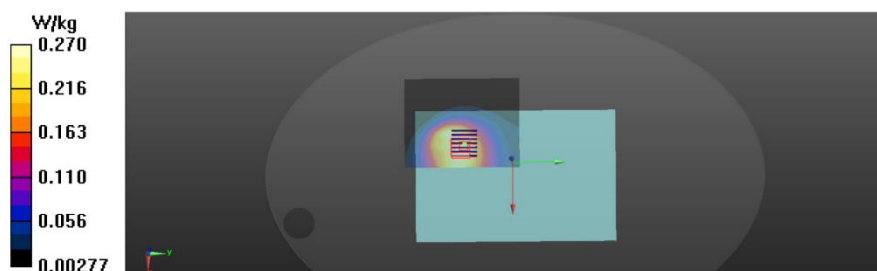
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.519 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.269 W/kg



LTE-Band 13-CH23230-Body 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 (interpolated): $f = 782$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 43.152$; $\rho = 1000$ 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 (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.278 W/kg

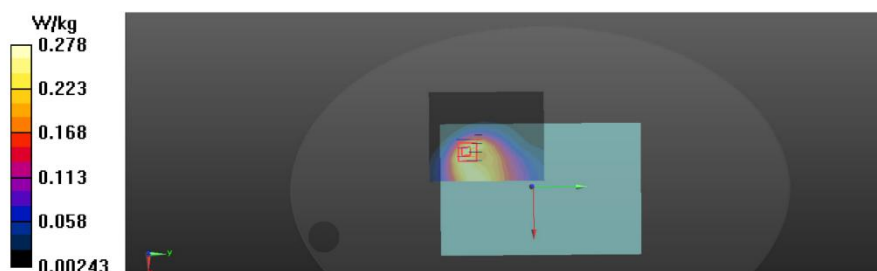
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.082 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.256 W/kg



LTE-Band 17-CH23800-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17,
E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 711 MHz;
Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 43.285$; $\rho = 1000$ 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 (91x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.268 W/kg

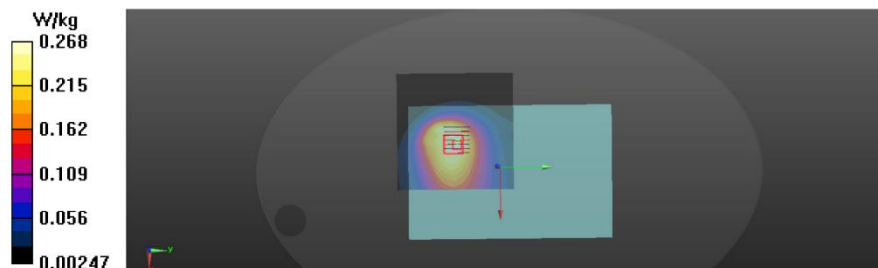
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.406 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.175 W/kg

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



LTE-Band 26-CH26765-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 26,
E-UTRA/FDD (814.0 - 849.0 MHz); Frequency: 821.5 MHz;
Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 42.953$; $\rho = 1000$ 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 (91x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00442 W/kg

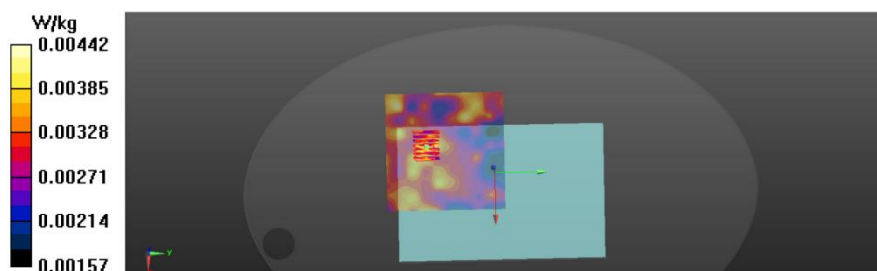
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.426 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.00823 W/kg

SAR(1 g) = 0.00434 W/kg; SAR(10 g) = 0.00359 W/kg

Maximum value of SAR (measured) = 0.00497 W/kg



WLAN2.4G-CH1-Body Left

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

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.689$ S/m; $\epsilon_r = 37.491$; $\rho = 1000$ 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 (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.576 W/kg

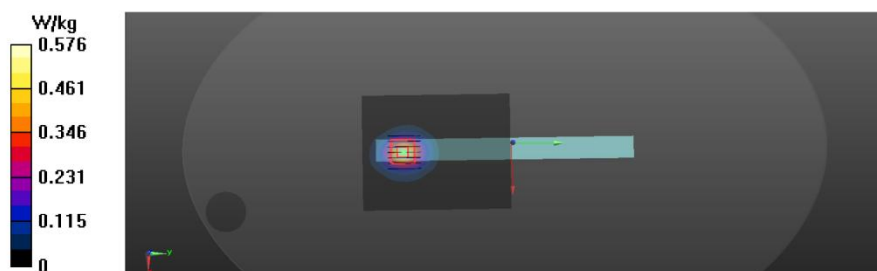
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.652 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.900 W/kg

SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.523 W/kg



RLAN5.2G-AC20-CH36-Body Left

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

Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 4.823$ S/m; $\epsilon_r = 36.829$; $\rho = 1000$ 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 (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.146 W/kg

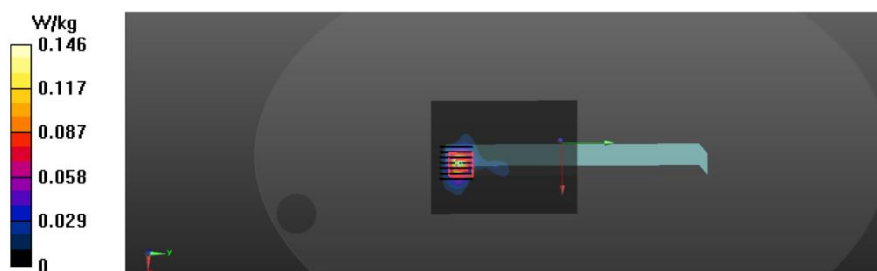
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.108 W/kg



RLAN5.8G-N20-CH149-Body Left

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

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.346$ S/m; $\epsilon_r = 36.273$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(5.35, 5.61, 5.36); Calibrated: 9/10/2025;
- Sensor-Surface: 4mm (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 (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.184 W/kg

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

Reference Value = 0 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.106 W/kg

