

Appendix C:Plots of SAR test Data

#1

Date/Time: 28/7/2026 15:11:42

LTE-Band 2-CH18900-Front

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: $f = 1880$ MHz; $\sigma = 1.436$ S/m; $\epsilon_r = 39.978$; $\rho = 1000$ 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 (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.177 W/kg

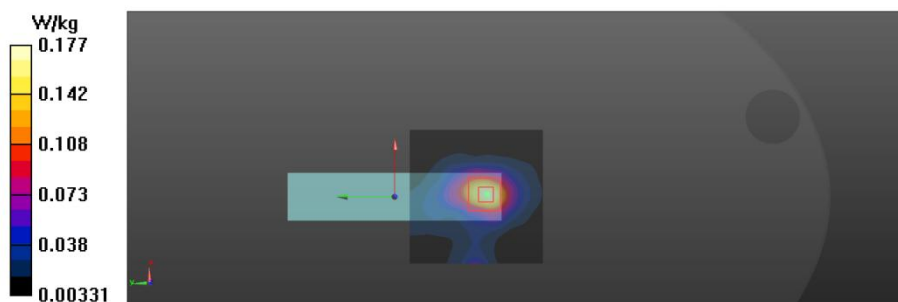
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.499 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.176 W/kg



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#2

Date/Time: 29/7/2026 9:44:49

LTE-Band 4-CH20050-Front

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: $f = 1720$ MHz; $\sigma = 1.395$ S/m; $\epsilon_r = 39.631$; $\rho = 1000$ 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 (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.114 W/kg

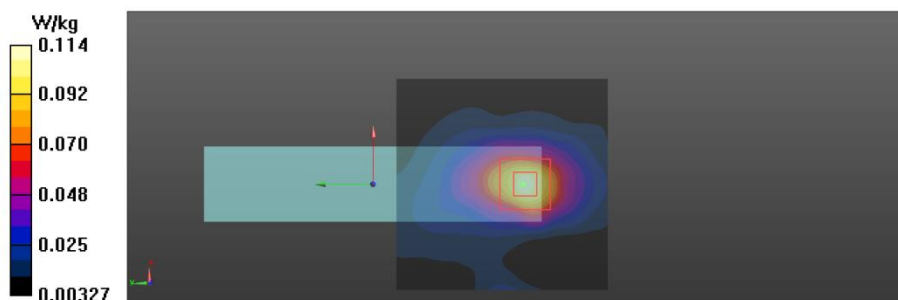
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.534 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.107 W/kg



#3

Date/Time: 30/7/2026 9:00:19

LTE-Band 5-CH20525-Front

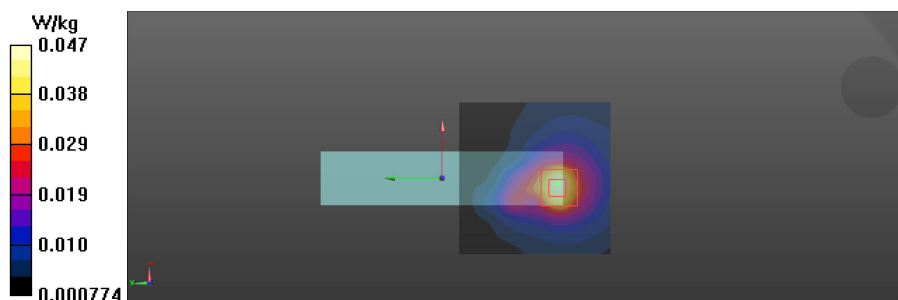
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz;
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 41.33$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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 (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.0473 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 2.665 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0740 W/kg
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.018 W/kg
Maximum value of SAR (measured) = 0.0542 W/kg



#4

Date/Time: 30/7/2026 14:16:29

LTE-Band 12-CH23060--Front

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 704 MHz;

Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 42.527$; $\rho = 1000 \text{ kg/m}^3$

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 (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0748 W/kg

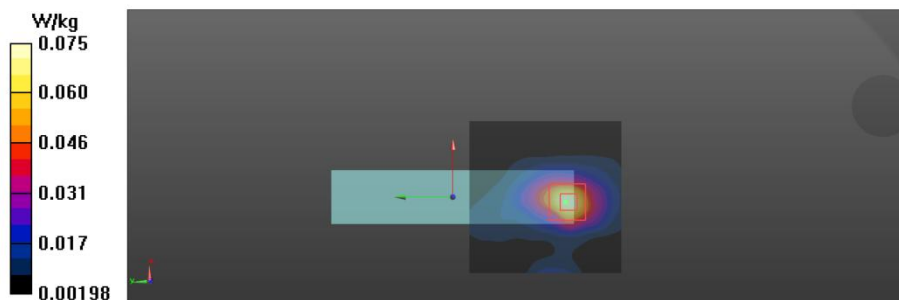
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.248 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0880 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0695 W/kg



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#5

Date/Time: 29/7/2026 13:34:15

LTE-Band 66-CH132572-Front

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 66, E-UTRA/FDD (1710.0 - 1785.0 MHz); Frequency: 1770 MHz;

Medium parameters used: $f = 1770$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 39.949$; $\rho = 1000$ 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 (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.169 W/kg

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

Reference Value = 2.619 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.153 W/kg

