

Date: 2025-07-25

#01_LoRa_125kHz_Front_902.3MHz

Communication System: Pulse Waveform; Frequency: 902.300 MHz

Medium: HSL_900_250725 Medium parameters used: $f=902.300$ MHz; $\sigma=0.950$ S/m; $\epsilon_r=42.3$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(9.17, 8.81, 8.86); Calibrated: 2025-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1424; Calibrated: 2024-12-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2126; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 10661-AAB

Area Scan (90.0 mm x 90.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.133 W/kg; SAR (10g) = 0.082 W/kg;

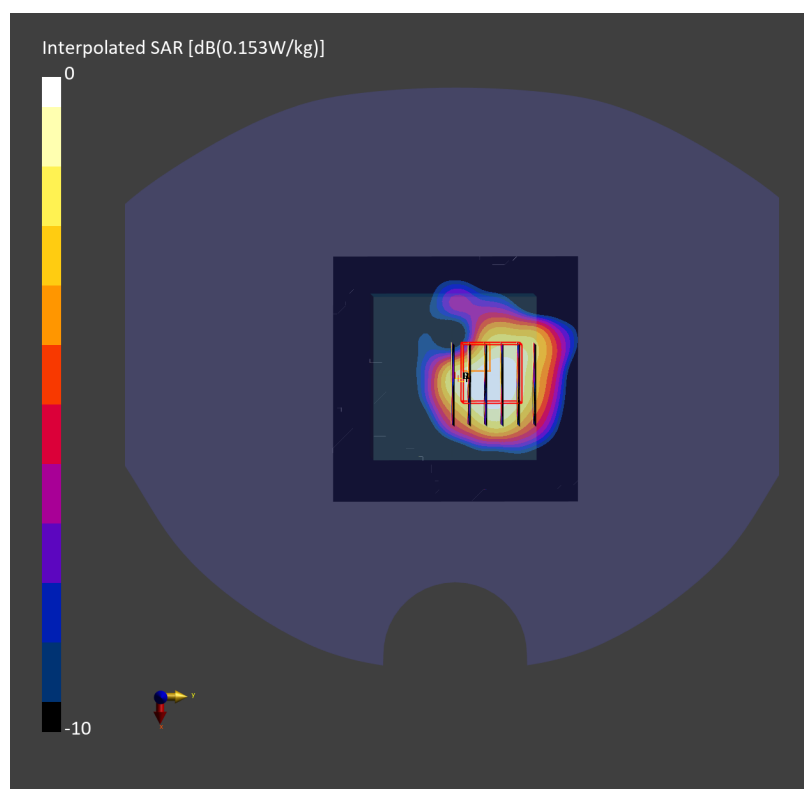
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.11 dB

SAR (1g) = 0.109 W/kg; SAR (8g) = 0.055 W/kg; SAR (10g) = 0.052 W/kg

Smallest distance from peaks to all points 3 dB below = 3.4 mm

Ratio of SAR at M2 to SAR at M1 = 24.1 %



Date: 2025-07-25

#02_LoRa_500kHz_Front_923.3MHz

Communication System: Pulse Waveform; Frequency: 923.300 MHz

Medium: HSL_900_250725 Medium parameters used: $f = 923.300$ MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 41.5$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(9.17, 8.81, 8.86); Calibrated: 2025-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1424; Calibrated: 2024-12-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2126; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 10659-AAB

Area Scan (90.0 mm x 90.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.040 W/kg; SAR (10g) = 0.025 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.11 dB

SAR (1g) = 0.033 W/kg; SAR (8g) = 0.020 W/kg; SAR (10g) = 0.019 W/kg

Smallest distance from peaks to all points 3 dB below = 2.4 mm

Ratio of SAR at M2 to SAR at M1 = 30.2 %

