

#01_LTE Band 106_3M_QPSK_1_0_Top_0mm_Ch134322

Communication System: LTE; Frequency: 899 MHz; Duty Cycle: 1:1

Medium: HSL_600-7200_260309 Medium parameters used : $f = 899$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 41.825$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.96, 5.84, 6.02) @ 899 MHz; Calibrated: 2025/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2025/12/3
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.830 W/kg

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

Reference Value = 31.64 V/m; Power Drift = 0.02 dB

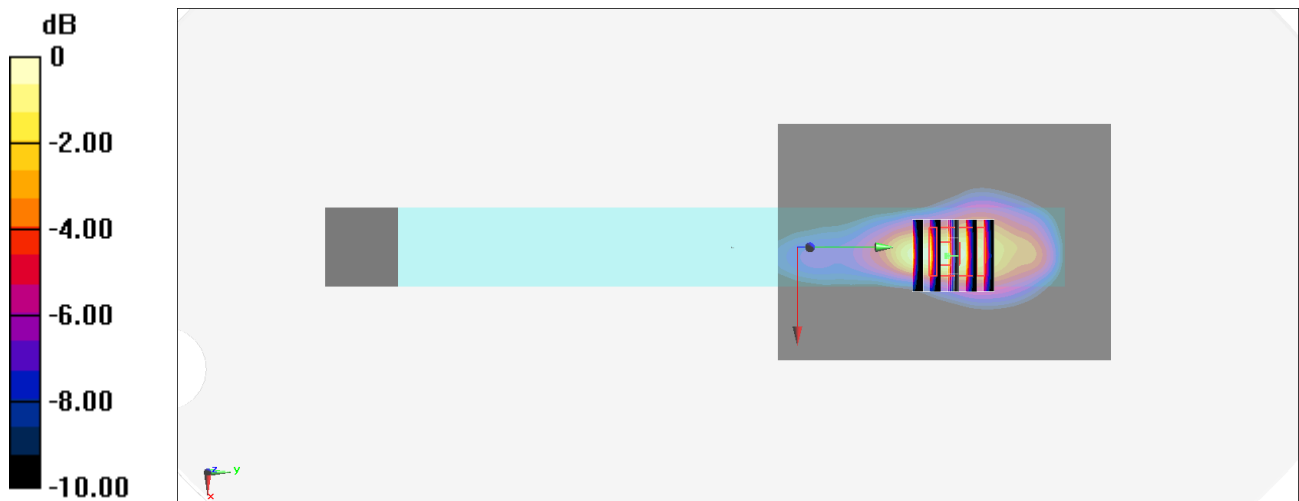
Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.367 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 56.1%

Maximum value of SAR (measured) = 0.842 W/kg



0 dB = 0.842 W/kg = -0.75 dBW/kg