

Date: 2025-06-11

#01_RFID_GFSK_Back_0mm

Communication System: CW; Frequency: 13.600 MHz

Medium: HSL_13_250611 Medium parameters used: $f = 13.600$ MHz; $\sigma = 0.728$ S/m; $\epsilon_r = 54.7$

Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(16.65, 15.49, 16.14); Calibrated: 2024-11-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1424; Calibrated: 2024-12-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 0

Area Scan (150.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.066 W/kg; SAR (10g) = 0.044 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 4.2 mm x 4.2 mm x 1.4 mm

Power Drift = -0.07 dB

SAR (1g) = 0.069 W/kg; SAR (8g) = 0.027 W/kg; SAR (10g) = 0.024 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 57.6 %

