

#21_NFC_ASK_Bottom Face_0mm_13.56MHz

Communication System: CW; Frequency: 13.56 MHz

Medium: HSL_13_240712 Medium parameters used: $f = 14$ MHz; $\sigma = 0.748$ S/m; $\epsilon_r = 53.679$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(14.84, 14.84, 14.84) @ 13.56 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2023/9/13
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0380 W/kg

Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.084 V/m; Power Drift = 0.10 dB

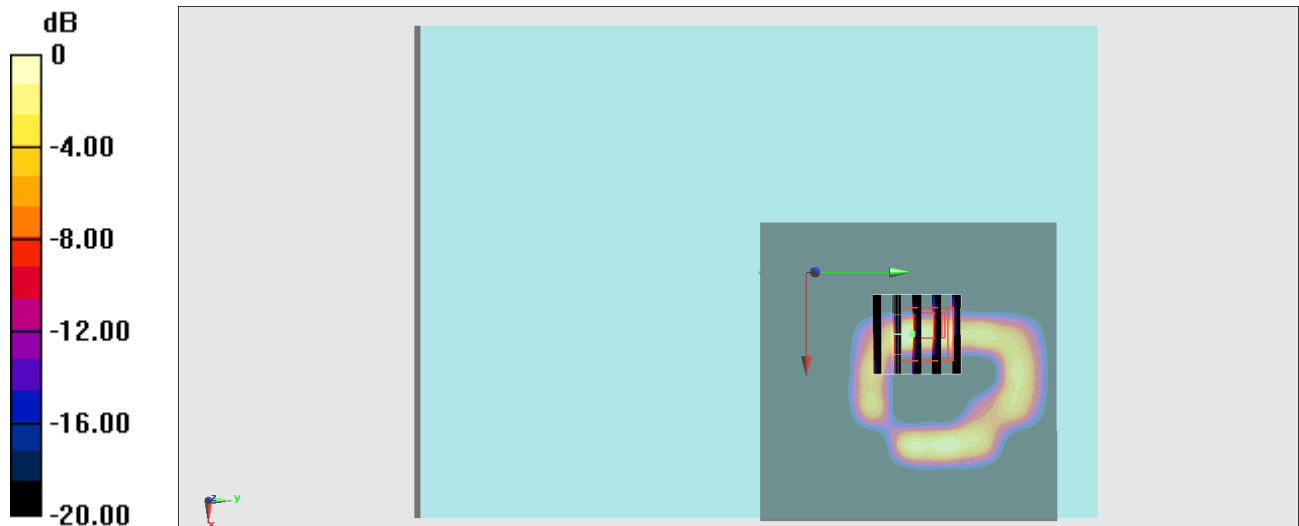
Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.0066 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 39.2%

Maximum value of SAR (measured) = 0.0401 W/kg



0 dB = 0.0401 W/kg = -13.97 dBW/kg