



REPORT No.: SZ25090043S01

Annex D Plots of Maximum SAR Test Results

SRD 2.4GHz_Back Side_5mm_2420 MHz

Communication System: UID 0, 2.4GHz; Frequency: 2420 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2420\text{MHz}$; $\sigma = 1.786\text{ S/m}$; $\epsilon_r = 39.406$; $\rho = 1000\text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.57, 7.51, 6.91) @ 2420 MHz; Calibrated: 2025/3/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2024/11/11
- Phantom: SAM 1; Type: QD000P40CD; Serial: 1811
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x151x1): Interpolated grid: $dx=1.200\text{ mm}$, $dy=1.200\text{ mm}$
Maximum value of SAR (interpolated) = 0.550 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.766 V/m; Power Drift = -0.06 dB

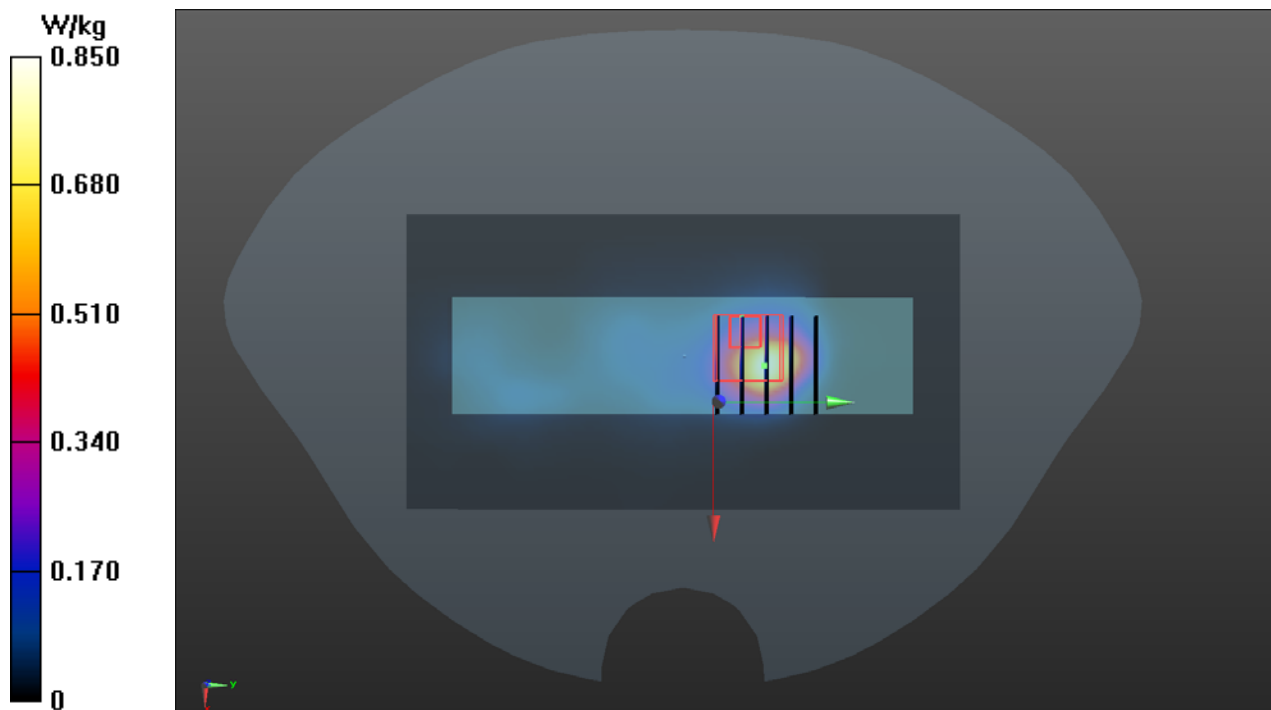
Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.163 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 56%

Maximum value of SAR (measured) = 0.565 W/kg



SRD 2.4GHz_Back Side_0mm_2420 MHz

Communication System: UID 0, 2.4GHz (0); Frequency: 24720MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2420$ MHz; $\sigma = 1.786$ S/m; $\epsilon_r = 39.406$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.57, 7.51, 6.91) @ 2420 MHz; Calibrated: 2025/3/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2024/11/11
- Phantom: SAM 1; Type: QD000P40CD; Serial: 1811
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.957 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 10.476 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.471 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 56%
Maximum value of SAR (measured) = 0.979 W/kg

