

Meas.1 Body Plane with Back Side 0mm on Low Channel in LTE Band5 mode with Antenna 0

Date: 2025.12.15

Communication System Band: Band 5; Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 41.968$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7664; ConvF(10.25, 10.25, 10.25); Calibrated: 2025.06.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2025.03.05
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1858
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20450/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.890 W/kg

Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.47 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.484 W/kg

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 65%

Maximum value of SAR (measured) = 0.859 W/kg

