

Meas.1 Body Plane with Horizontal-Down 5mm on 78 Channel in Bluetooth mode

Date: 2026-08-26

Communication System Band: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.3

Medium parameters used (interpolated): $f = 2480$ MHz; $\sigma = 1.813$ S/m; $\epsilon_r = 39.012$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3 °C Liquid Temperature: 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - 7893; ConvF(7.69, 7.69, 7.69) @ 2480 MHz; Calibrated: 2026-07-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2026-03-23
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1858
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch78/Area Scan (51x51x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.401 W/kg

Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.97 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.913 W/kg

SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.182 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 46.1%

Maximum value of SAR (measured) = 0.455 W/kg

