

Date: 2025-07-16

#01_Lightspeed_1Mbps_Horizontal_Down_5mm_Ch78

Communication System: IEEE 802.15.1 Bluetooth ; Frequency: 2480.000 MHz; Duty Cycle: 1:1
Medium: HSL_2450_250716 Medium parameters used: $f=2480.000$ MHz; $\sigma=1.90$ S/m; $\epsilon_r=38.9$
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(7.96, 7.65, 7.69); Calibrated: 2025-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1424; Calibrated: 2024-12-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2126; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (60.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.151 W/kg; SAR (10g) = 0.069 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = 0.18 dB
SAR (1g) = 0.160 W/kg; SAR (8g) = 0.080 W/kg; SAR (10g) = 0.072 W/kg
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 79.7 %

