

## #01\_FR1\_n77\_100M\_BPSK\_1\_1\_Edge\_4\_0mm\_Ch633332

Communication System: NR; Frequency: 3499.98 MHz; Duty Cycle: 1:1

Medium: HSL\_3300-4200\_220525 Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.917$  S/m;  $\epsilon_r = 38.092$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.12, 7.12, 7.12) @ 3499.98 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.446 W/kg

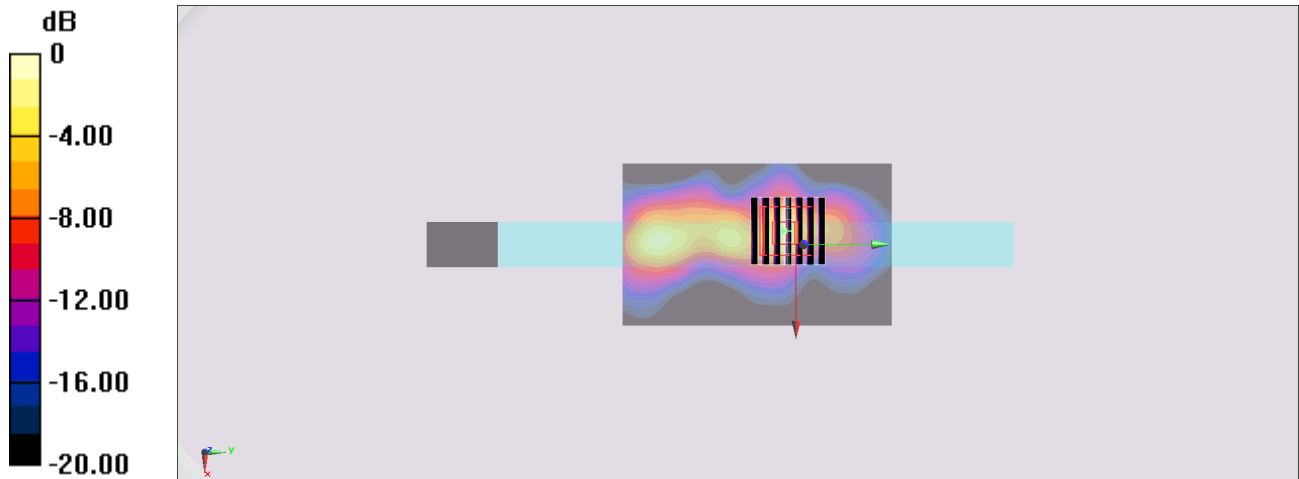
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 5.827 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.847 W/kg

**SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.080 W/kg**

Maximum value of SAR (measured) = 0.583 W/kg



0 dB = 0.583 W/kg = -2.34 dBW/kg