

#01_FR1 n77_100M_BPSK_1_1_Edge 1_10mm_Ch633332

Communication System: 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid
AntennaCfg:SISO; Frequency: 3500.0 MHz; Duty Cycle: 1:1
Medium: HSL_3500_221013 Medium parameters used: $f = 3500.0$ MHz; $\sigma = 2.93$ S/m; $\epsilon_r = 37.5$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(7.17, 7.17, 7.17); Calibrated: 2021-11-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2021-11-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: 5G NR FR1 TDD, 10803-AAD

Area Scan (80.0 mm x 60.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.952 W/kg; SAR (10g) = 0.350 W/kg;

Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm
Power Drift = 0.05 dB
SAR (1g) = 0.951 W/kg; SAR (8g) = 0.418 W/kg; SAR (10g) = 0.372 W/kg
Smallest distance from peaks to all points 3 dB below = 7.0 mm
Ratio of SAR at M2 to SAR at M1 = 80.3 %

