Appendix B
Detailed Test Results

1. NR
NR Band n48
NR Band n77(78)

Date: 2025/03/04

Test Laboratory: SGS-SAR Lab

NDQ2300 NR n48 40M QPSK 1RB1 Ch641666 Front side 5mm

DUT: NDQ2300; Type: Dongle; Serial: 355241830371192

Communication System: UID 0, NR (0); Frequency: 3624.99 MHz;Duty Cycle: 1:1

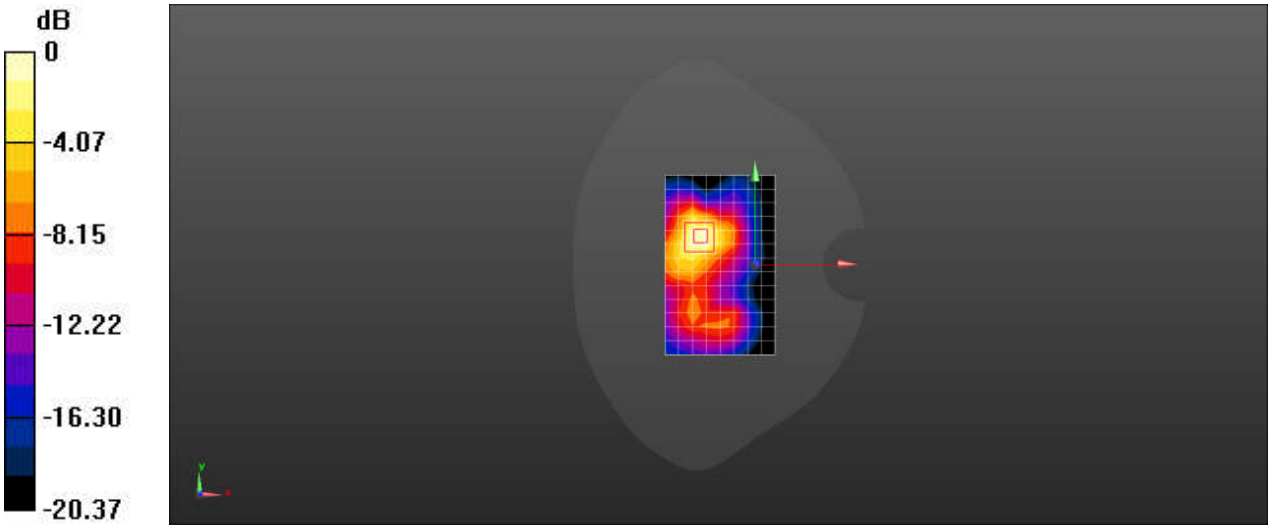
Medium: HSL3700;Medium parameters used: f = 3625 MHz; σ = 2.976 S/m; ε_r = 38.622; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.08, 7.08, 7.08); Calibrated: 2024/04/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.34 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.899 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.370 W/kg
Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

Date: 2025/03/03

Test Laboratory: SGS-SAR Lab

NDQ2300 NR n77 100M QPSK 1RB1 Ch633334 Front Side 24mm

DUT: NDQ2300; Type: Dongle; Serial: 355241830371192

Communication System: UID 0, NR (0); Frequency: 3500 MHz;Duty Cycle: 1:1

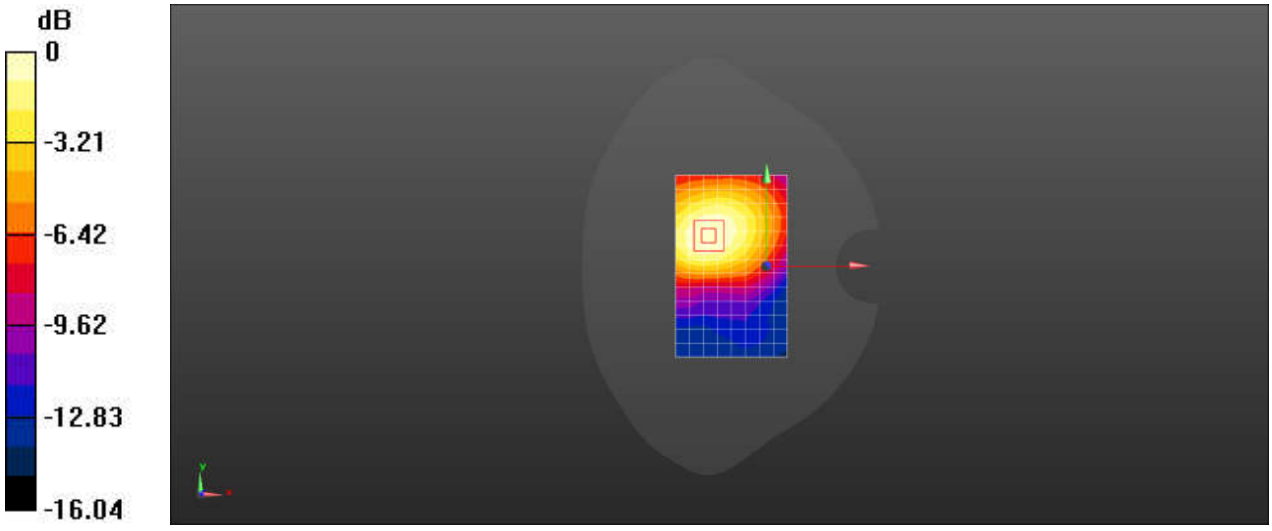
Medium: HSL3500;Medium parameters used: f = 3500 MHz; σ = 2.873 S/m; ε_r = 38.697; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.28, 7.28, 7.28); Calibrated: 2024/04/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.68 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.21 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.524 W/kg
Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

Date: 2025/03/05

Test Laboratory: SGS-SAR Lab

NDQ2300 NR n77 100M QPSK 1RB1 Ch656000 Front Side 24mm

DUT: NDQ2300; Type: Dongle; Serial: 355241830371192

Communication System: UID 0, NR (0); Frequency: 3840 MHz;Duty Cycle: 1:1

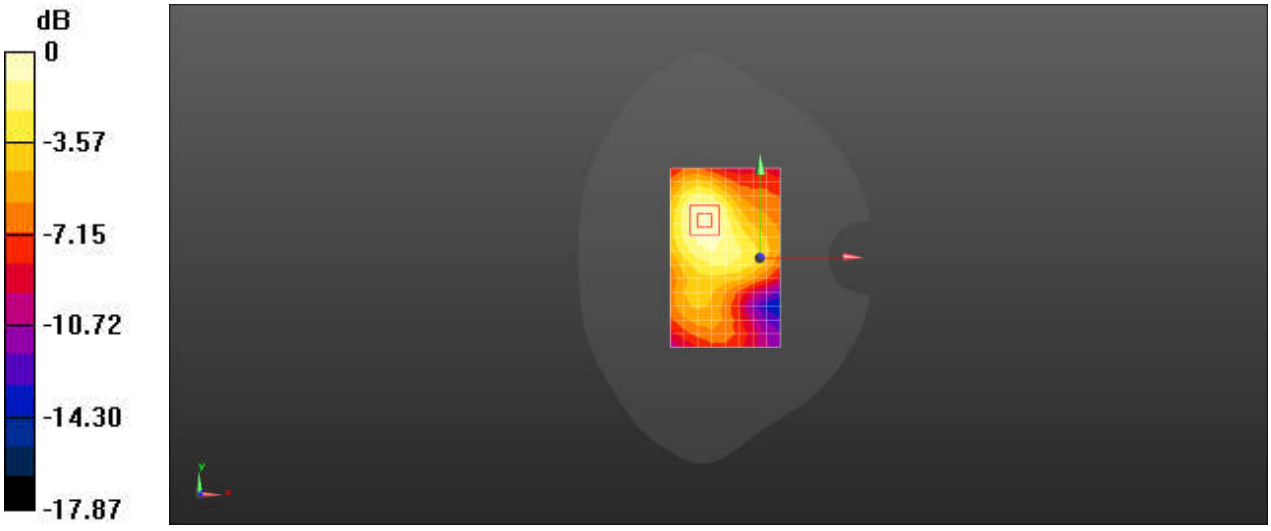
Medium: HSL3900;Medium parameters used: f = 3840 MHz; σ = 3.225 S/m; ε_r = 38.367; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.01, 7.01, 7.01); Calibrated: 2024/04/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.855 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 15.16 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.263 W/kg
Maximum value of SAR (measured) = 0.887 W/kg



0 dB = 0.887 W/kg = -0.52 dBW/kg