

Appendix B

Detailed Test Results

1. NFC
NFC for Body

Test Laboratory: SGS-SAR Lab

V2318 NFC 13.56MHz Back side 0mm

DUT: V2318; Type: Smart Phone; Serial: 869975079983295

Communication System: UID 0, NFC (0); Frequency: 13.56 MHz; Duty Cycle: 1:1

Medium: HSL_13.56; Medium parameters used: $f = 13.56$ MHz; $\sigma = 0.726$ S/m; $\epsilon_r = 54.547$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(18.47, 18.47, 18.47); Calibrated: 2023-01-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2023-11-03
- Phantom: SAR 8-2; Type: EL4; Serial: TP:1143
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Ch/Area Scan (9x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.181 W/kg

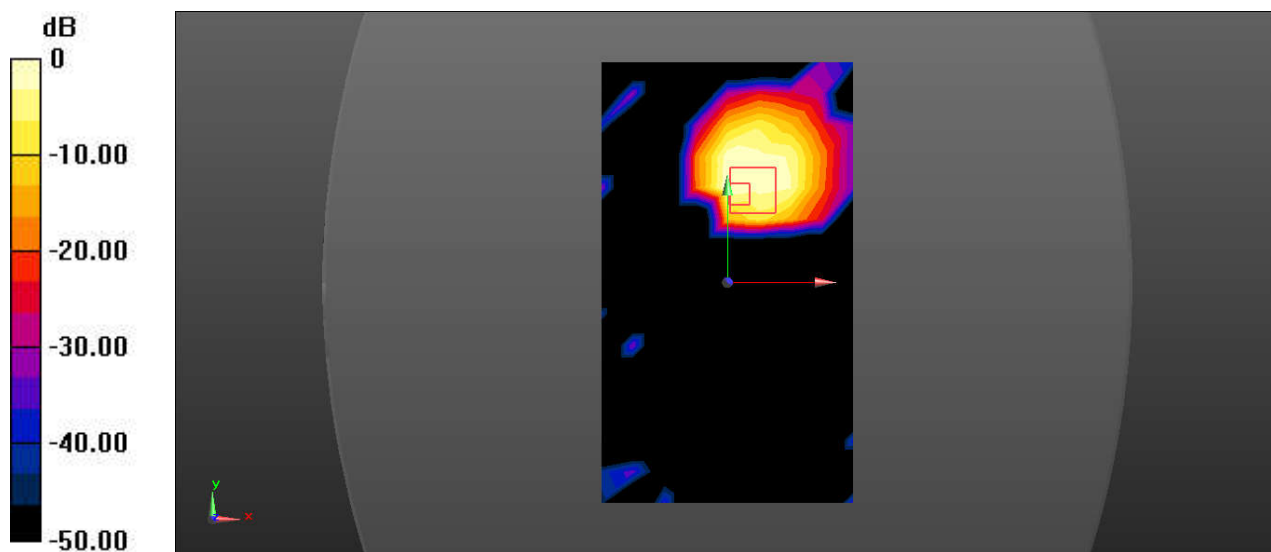
Configuration/Ch/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.258 W/kg



0 dB = 0.181 W/kg = -7.42 dBW/kg