



Appendix B

Detailed Test Results

1. NFC
NFC

Test Laboratory: SGS-SAR Lab

NFC 13.56MHz Back side 0mm

DUT: T523P; Type: Smart phone; Serial: 354789540211162

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

Medium: HSL_13.56; Medium parameters used: $f = 14 \text{ MHz}$; $\sigma = 0.742 \text{ S/m}$; $\epsilon_r = 51.166$; $\rho = 1055 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(15.44, 17.46, 16.16); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/NFC/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.0417 W/kg

Configuration/NFC/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0.01 dB

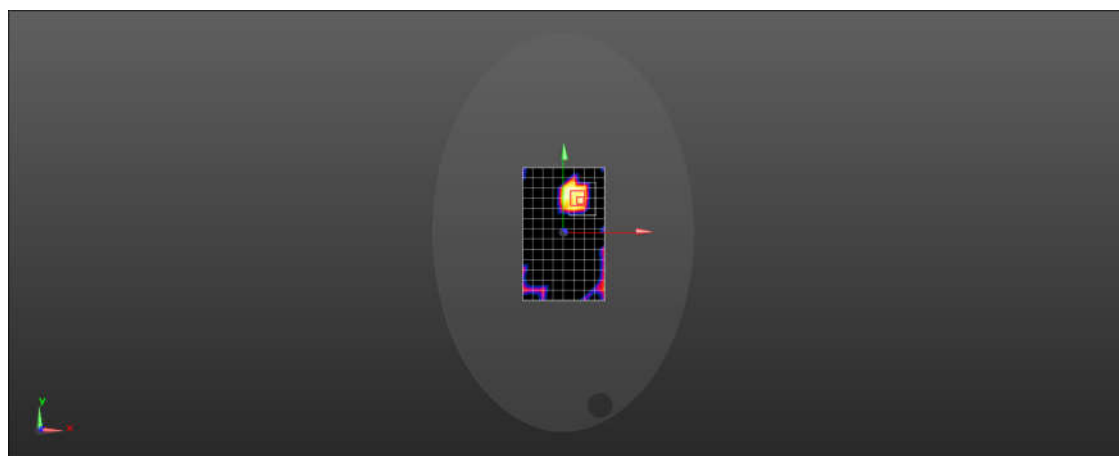
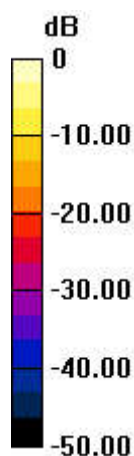
Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.020 W/kg ; SAR(10 g) = 0.00638 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 34.7%

Maximum value of SAR (measured) = 0.0531 W/kg



$0 \text{ dB} = 0.0417 \text{ W/kg} = -13.79 \text{ dBW/kg}$



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