



REPORT No.: SZ21120157S01

Annex D Plots of Maximum SAR Test Results

RFID_915.75_Front Side_5mm_Ch902.75

Communication System: UID 0, RFID (0); Frequency: 902.75 MHz; Duty Cycle: 1:1

Medium: HSL_900 Medium parameters used: $f = 903 \text{ MHz}$; $\sigma = 1.003 \text{ S/m}$; $\epsilon_r = 42.638$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.81, 9.81, 9.81) @ 902.75 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch902.75/Area Scan (51x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.39 W/kg

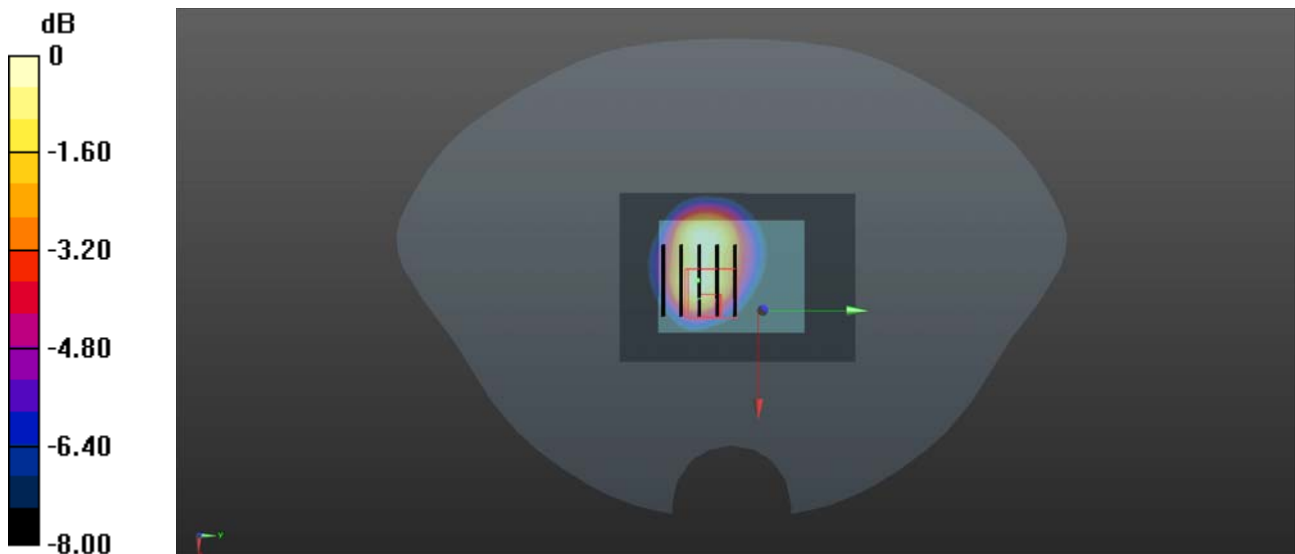
Ch902.75/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.64 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 4.43 W/kg

SAR(1 g) = 1.37 W/kg ; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 2.39 W/kg