

915.25_FACE UP

DUT: HY820

Communication System: RFID; Frequency: 915.25 MHz; Duty Cycle: 1:1

Medium: H900 Medium parameters used: $f = 915 \text{ MHz}$; $\sigma = 0.955 \text{ S/m}$; $\epsilon_r = 40.869$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(10.24, 10.24, 10.24); Calibrated: 2020/2/8;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2020/1/8
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Face up/Area Scan (121x141x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.463 W/kg

Face up/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.237 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.822 W/kg

SAR(1 g) = 0.367 W/kg ; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 0.402 W/kg

