Annex D Plots of Maximum SAR Test Results

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2024/11/13

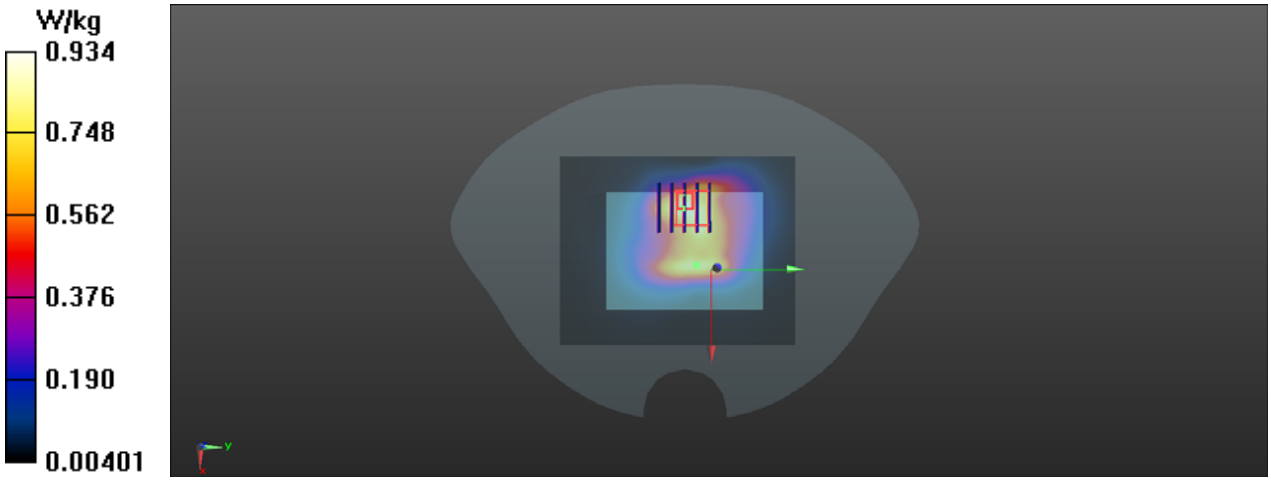
RFID_UHF_Front Side_0mm_915.25

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used : f = 915.25 MHz; σ = 0.949 S/m; ε_r = 43.15; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3295; ConvF(6.3, 6.3, 6.3) @ 915.25 MHz; Calibrated: 2024/7/17
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2024/7/5
- Phantom: SAM 1; Type: QD000P40CD; Serial: 1811
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

RFID915.25/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.934 W/kg

RFID915.25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.56 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.450 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 58.2%
Maximum value of SAR (measured) = 0.827 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2024/11/11

RFID_UHF_Front Side_10mm_915.25

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used : f = 915.25 MHz; σ = 0.949 S/m; ε_r = 41.198; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3295; ConvF(6.3, 6.3, 6.3) @ 915.25 MHz; Calibrated: 2024/7/17
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2024/7/5
- Phantom: SAM 1; Type: QD000P40CD; Serial: 1811
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

RFID915.25/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.25 W/kg

RFID915.25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.20 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.765 W/kg
Smallest distance from peaks to all points 3 dB below = 17.2 mm
Ratio of SAR at M2 to SAR at M1 = 60.4%
Maximum value of SAR (measured) = 1.26 W/kg