Test Laboratory: Compliance Certification Services

2_Host # 2_Dell Laptop (Separation Distance: 11 mm)

DUT: Airgo; Type: AGN1022PC-01; Serial: 6154W007931

Communication System: 802.11bg; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

Room Ambient Temperature: 24 deg. C; Liquid Temperature: 23 deg. C

DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(6.94, 6.94, 6.94); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

b mode, M-ch (P: 20)/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 1.66 mW/g

b mode, M-ch (P: 20)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.4 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.480 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 1.19 mW/g

b mode, M-ch (P: 20)/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.4 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.427 mW/g
Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 1.03 mW/g