Appendix E SAR Test Plots for Repeat Measurement

2.4GHz Ant 2/Rear tilt(Edge 1 side) 11b 2412MHz Repeat

Communication System: UID 0, #WLAN 11a/b/g/n (0); Communication System Band: 11b/g/n (2.4G); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.969 S/m; ε_r = 51.652; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY Configuration:
Probe: EX3DV4 - SN3922; ConvF(7.7, 7.7, 7.7) @ 2412 MHz; Calibrated: 2020/08/17

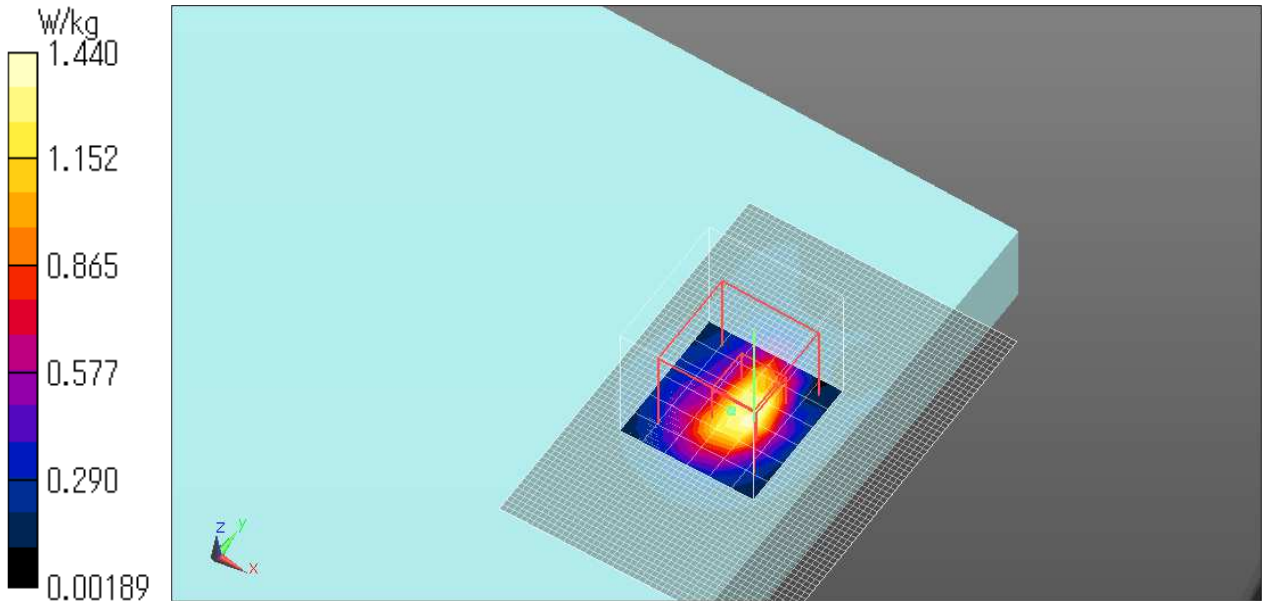
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2020/08/12
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)
2.4GHz Ant 2/Rear tilt(Edge 1 side) 11b 2412MHz Repeat/Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.36 W/kg

2.4GHz Ant 2/Rear tilt(Edge 1 side) 11b 2412MHz Repeat /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.12 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.305 W/kg
Smallest distance from peaks to all points 3 dB below = 5 mm
Ratio of SAR at M2 to SAR at M1 = 44.7%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.44 W/kg

Ambient Temp. : 22.5 degree.C. Liquid Temp.; 22.0 degree.C.
Liquid temp. is kept within the 2 degree.C. during the test.
Date: 2021/02/15



Plot No. 1