Test Laboratory: UnionTrust

Date: 9/30/2019

P01_802.11b_Top Side_11

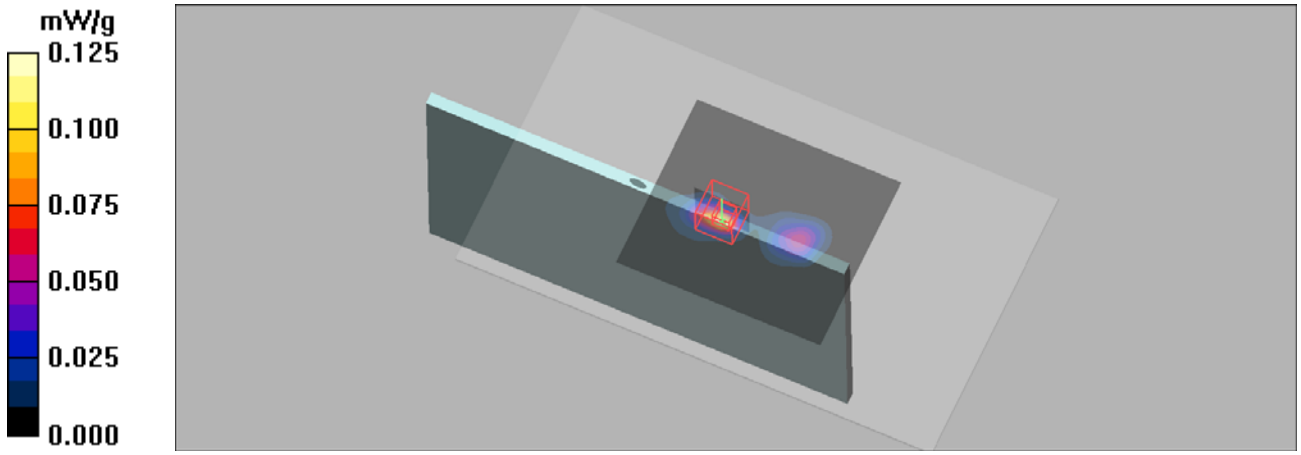
DUT: EUT

Communication System: Wlan 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450 Medium parameters used: f = 2462 MHz; σ = 1.794 mho/m; ε_r = 40.18; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(4.57, 4.57, 4.57); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

Test/Area Scan (81x71x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.125 mW/g

Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.95 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.116 mW/g



Test Laboratory: UnionTrust Date: 10/15/2019

P02 802.11a_Top Side_0mm_Ch56

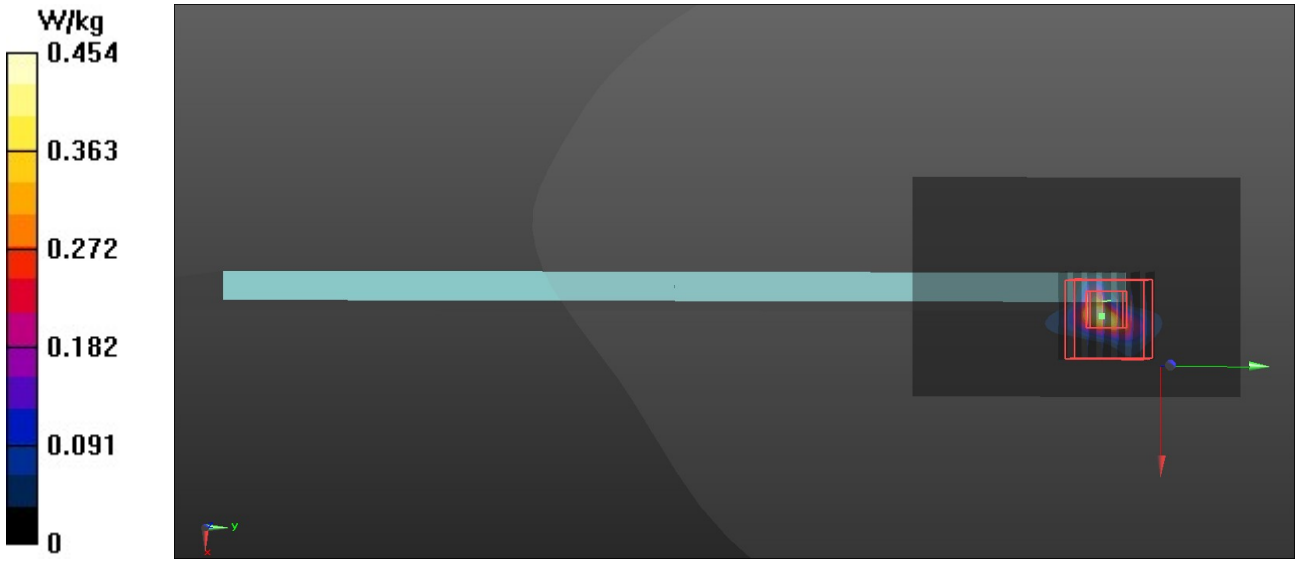
DUT: EUT

Communication System: 802.11a; Frequency: 5280 MHz;Duty Cycle: 1:1.03
Medium: H5G Medium parameters used: f = 5280 MHz; σ = 4.763 S/m; ε_r = 36.249; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN7506; ConvF(5.4, 5.4, 5.4); Calibrated: 6/27/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 6/18/2019
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/137
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

- Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.454 W/kg

- Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.751 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.667 W/kg



Test Laboratory: UnionTrust Date: 10/15/2019

P03 802.11a_Top Side_0mm_Ch140

DUT: EUT

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1.03
Medium: H5G Medium parameters used: f = 5700 MHz; σ = 5.2 S/m; ε_r = 35.641; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN7506; ConvF(4.92, 4.92, 4.92); Calibrated: 6/27/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 6/18/2019
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/137
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

- Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.34 W/kg

- Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.855 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.095 W/kg
Maximum value of SAR (measured) = 1.24 W/kg

Test Laboratory: UnionTrust Date: 10/15/2019

P04 802.11a_Top Side_0mm_Ch157

DUT: EUT

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1.03
Medium: H5G Medium parameters used: f = 5785 MHz; σ = 5.286 S/m; ε_r = 35.523; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: EX3DV4 - SN7506; ConvF(5.05, 5.05, 5.05); Calibrated: 6/27/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 6/18/2019
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/137
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

- Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.755 W/kg

- Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.639 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.68 W/kg
SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.796 W/kg