APPENDIX B. Plots of SAR Measurement

P02 802.11b_Front Face_0cm_Ch1

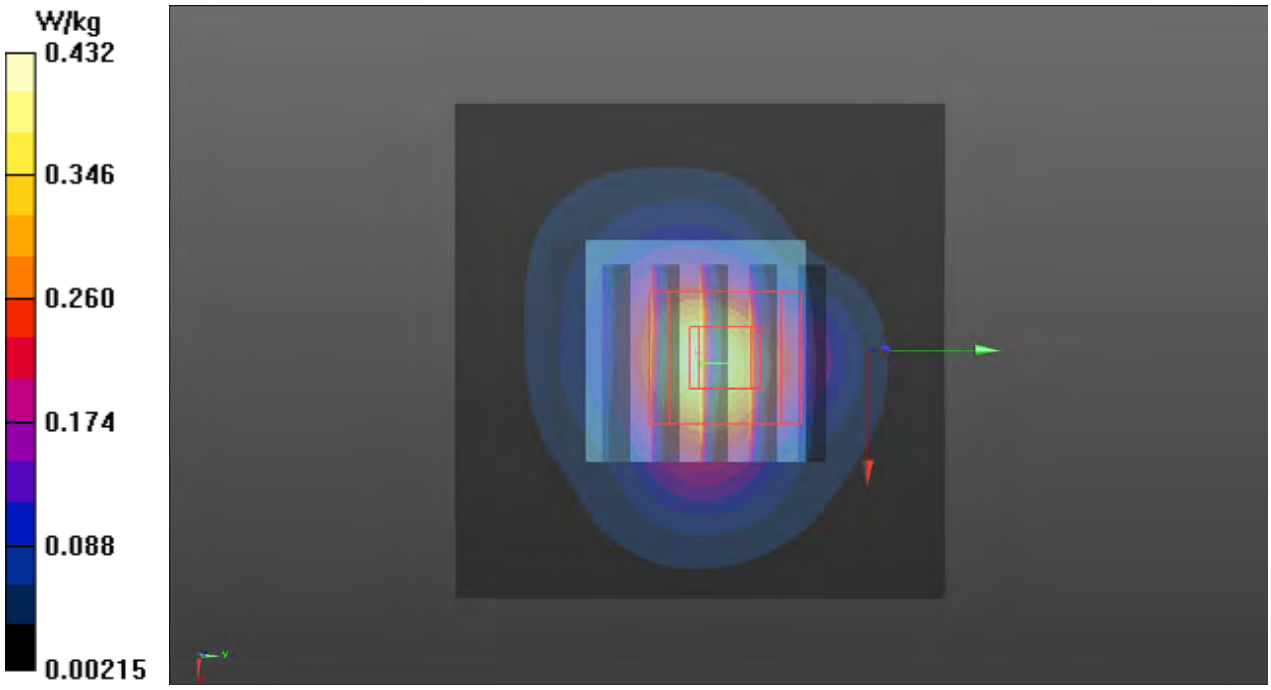
DUT: 572429

Communication System: WLAN_2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: B2450_150820 Medium parameters used: f = 2412 MHz; σ = 1.954 S/m; ε_r = 51.423; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; **Liquid Temperature**：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.26, 7.26, 7.26); Calibrated: 2015/2/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2015/2/20
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.432 W/kg

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.88 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.637 W/kg
SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.174 W/kg
Maximum value of SAR (measured) = 0.447 W/kg



P03 802.11b_Rear Face_0cm_Ch1

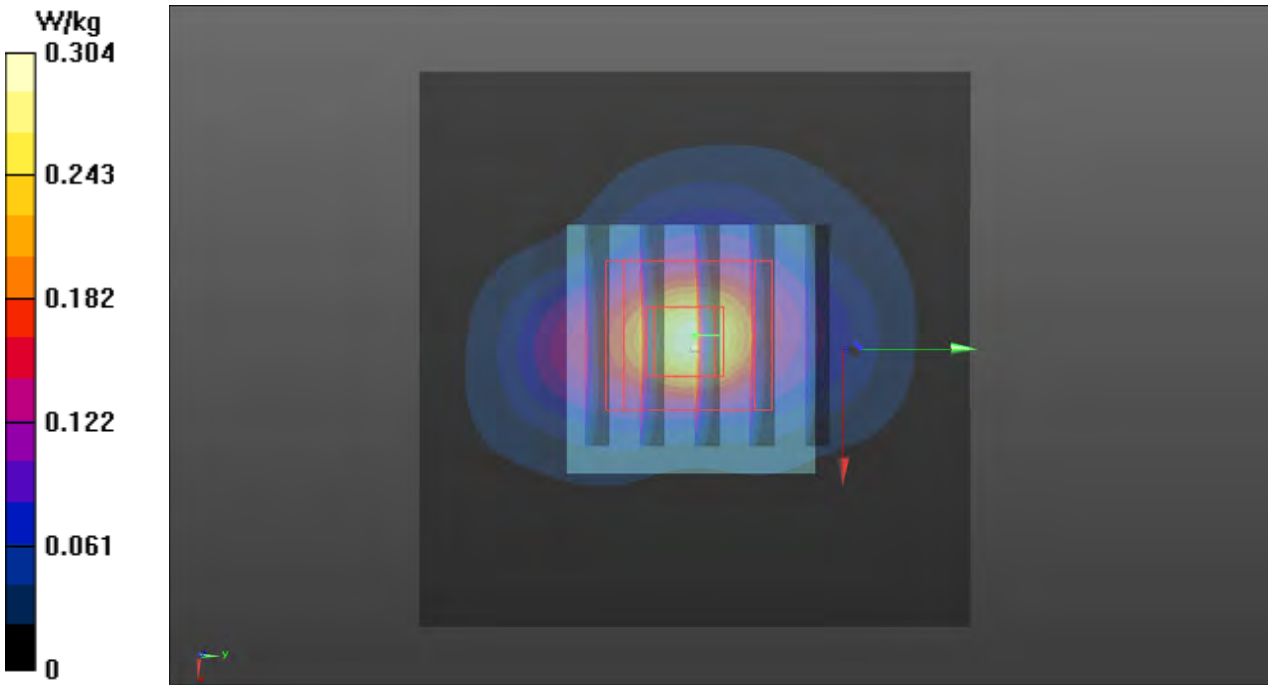
DUT: 572429

Communication System: WLAN_2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: B2450_150820 Medium parameters used: f = 2412 MHz; σ = 1.954 S/m; ε_r = 51.423; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; **Liquid Temperature**：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.26, 7.26, 7.26); Calibrated: 2015/2/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2015/2/20
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.304 W/kg

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.33 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.387 W/kg
SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.104 W/kg
Maximum value of SAR (measured) = 0.286 W/kg



P04 802.11b_Edge1_0cm_Ch1

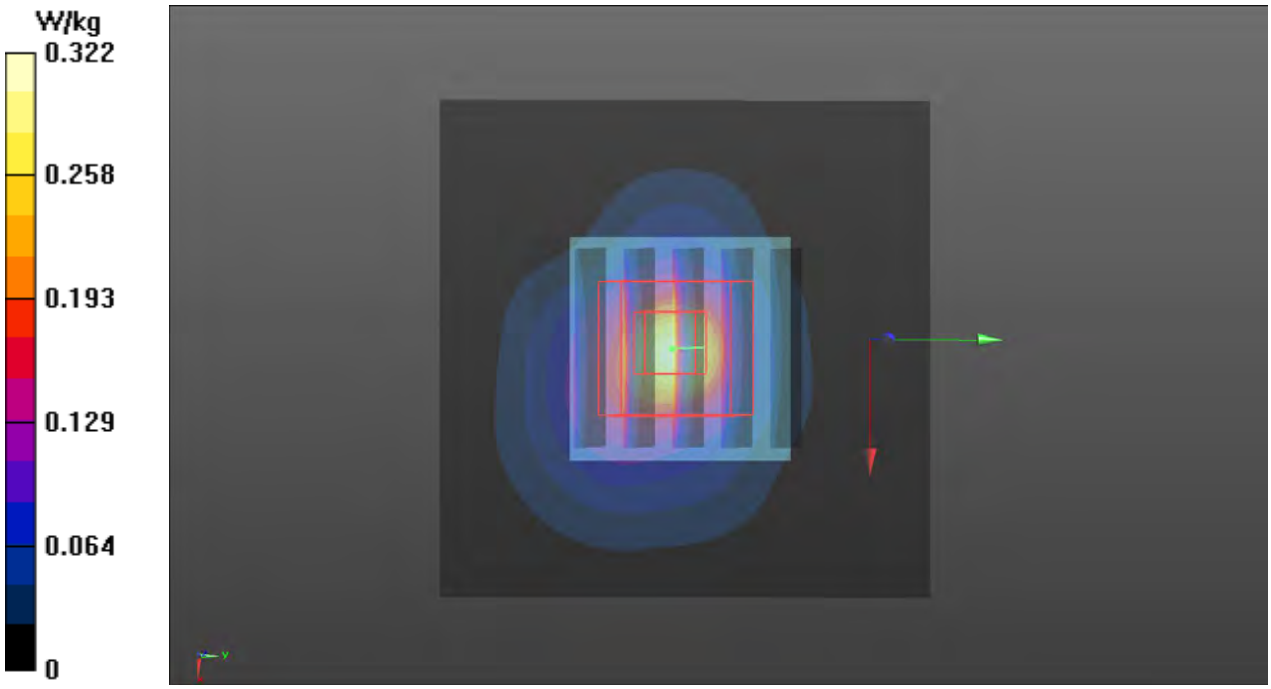
DUT: 572429

Communication System: WLAN_2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: B2450_150820 Medium parameters used: f = 2412 MHz; σ = 1.954 S/m; ε_r = 51.423; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; **Liquid Temperature**：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.26, 7.26, 7.26); Calibrated: 2015/2/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2015/2/20
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.322 W/kg

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.78 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.434 W/kg
SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.314 W/kg



P05 802.11b_Edge2_0cm_Ch1

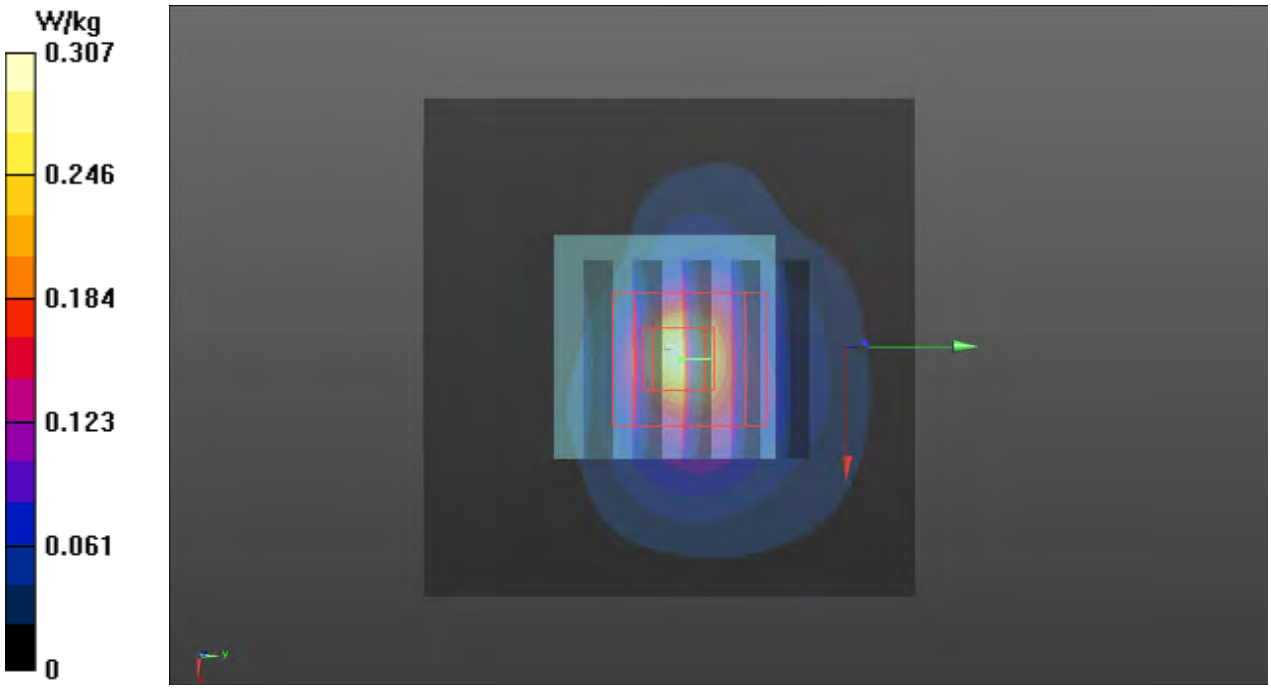
DUT: 572429

Communication System: WLAN_2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: B2450_150820 Medium parameters used: f = 2412 MHz; σ = 1.954 S/m; ε_r = 51.423; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; **Liquid Temperature**：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.26, 7.26, 7.26); Calibrated: 2015/2/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2015/2/20
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.307 W/kg

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.29 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.385 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.095 W/kg
Maximum value of SAR (measured) = 0.288 W/kg



P06 802.11b_Edge3_0cm_Ch1

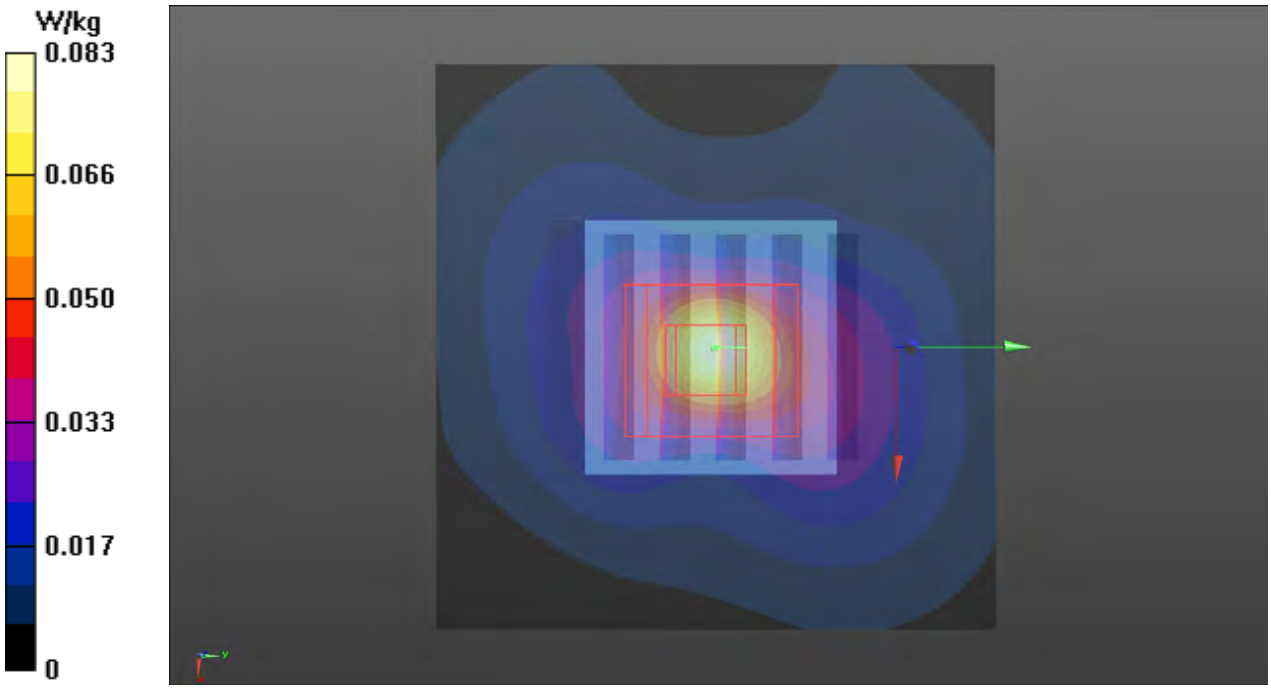
DUT: 572429

Communication System: WLAN_2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: B2450_150820 Medium parameters used: f = 2412 MHz; σ = 1.954 S/m; ε_r = 51.423; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; **Liquid Temperature**：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.26, 7.26, 7.26); Calibrated: 2015/2/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2015/2/20
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0831 W/kg

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.679 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.0858 W/kg



P07 802.11b_Edge4_0cm_Ch1

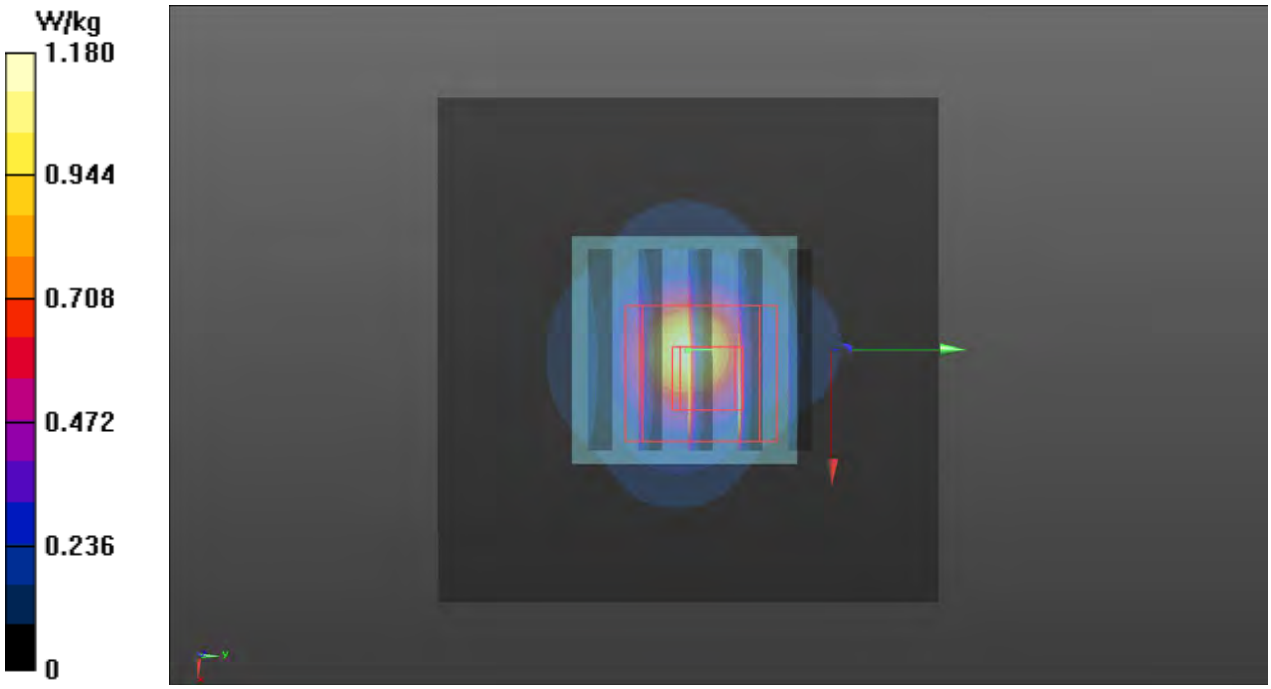
DUT: 572429

Communication System: WLAN_2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: B2450_150820 Medium parameters used: f = 2412 MHz; σ = 1.954 S/m; ε_r = 51.423; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; **Liquid Temperature**：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.26, 7.26, 7.26); Calibrated: 2015/2/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2015/2/20
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.72 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.45 W/kg
SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.399 W/kg
Maximum value of SAR (measured) = 1.39 W/kg



P08 802.11b_Edge4_0cm_Ch1

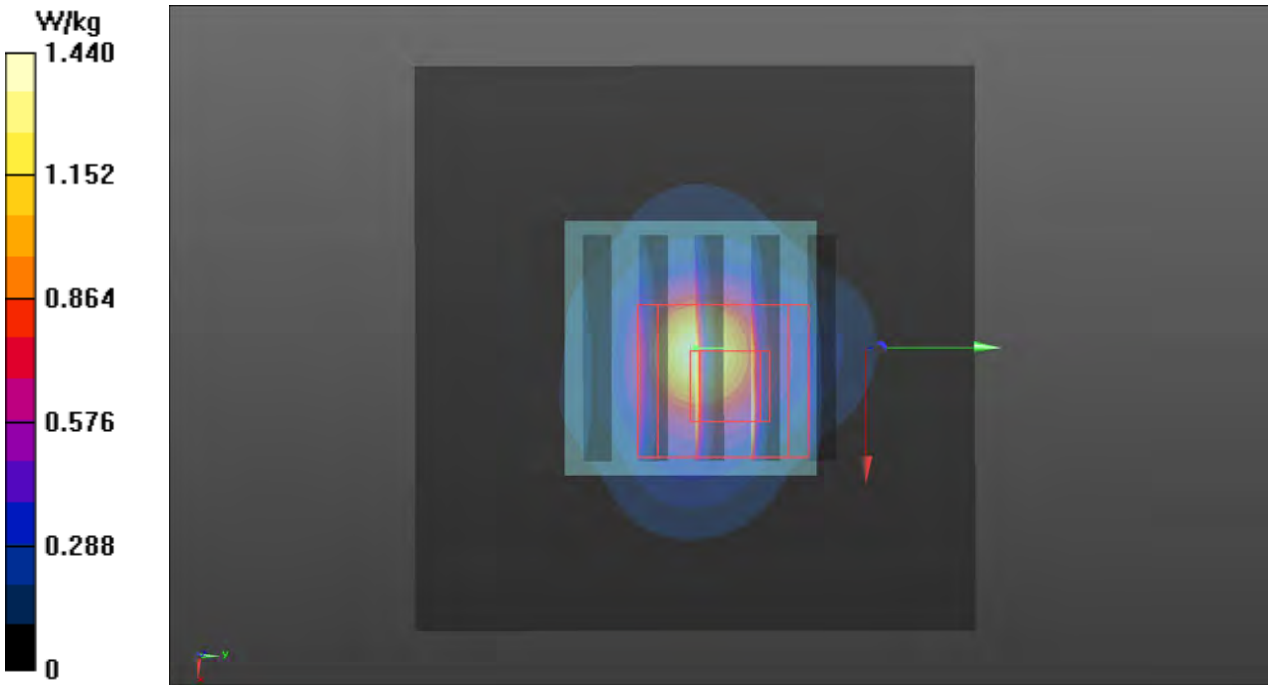
DUT: 572429

Communication System: WLAN_2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: B2450_150820 Medium parameters used: f = 2412 MHz; σ = 1.954 S/m; ε_r = 51.423; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; **Liquid Temperature**：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.26, 7.26, 7.26); Calibrated: 2015/2/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2015/2/20
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.50 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 3.16 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.525 W/kg
Maximum value of SAR (measured) = 1.96 W/kg



P10 802.11b_Edge4_0cm_Ch6

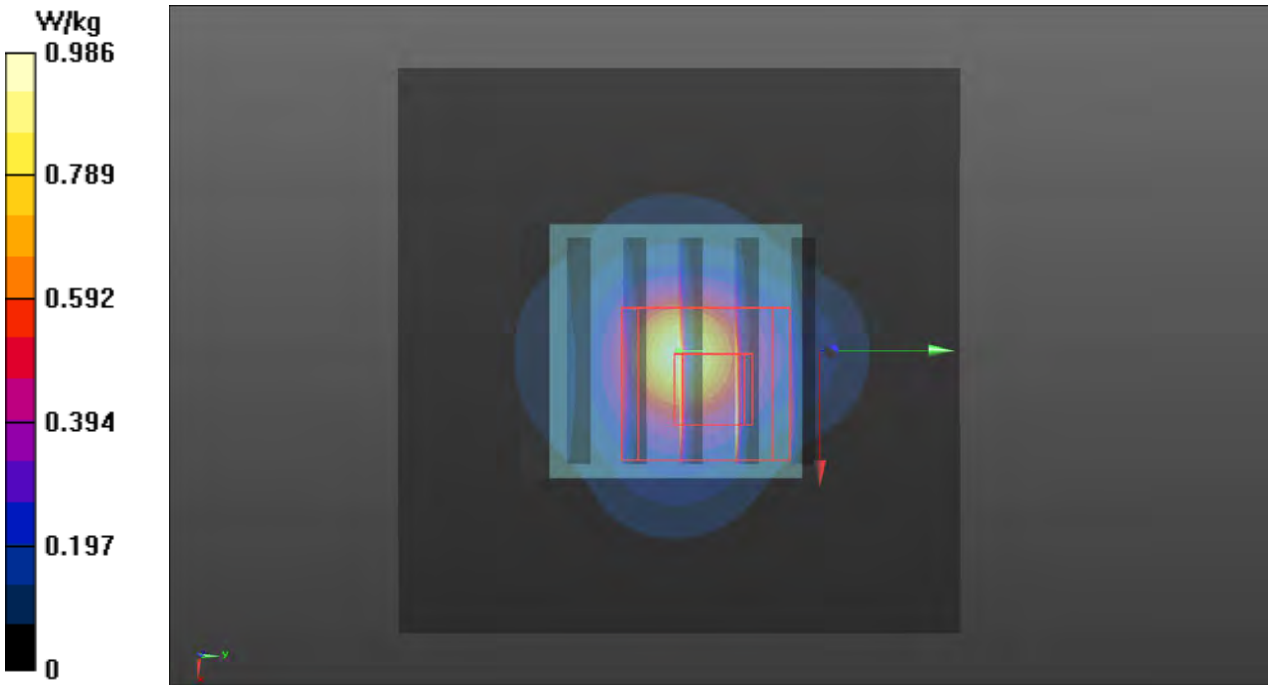
DUT: 572429

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_150820 Medium parameters used: f = 2437 MHz; σ = 1.985 S/m; ε_r = 51.34; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; **Liquid Temperature**：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.26, 7.26, 7.26); Calibrated: 2015/2/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2015/2/20
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.986 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.52 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.354 W/kg
Maximum value of SAR (measured) = 1.37 W/kg



P11 802.11b_Edge4_0cm_Ch1_Repeated

DUT: 572429

Communication System: WLAN_2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: B2450_150820 Medium parameters used: f = 2412 MHz; σ = 1.954 S/m; ε_r = 51.423; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; **Liquid Temperature**：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.26, 7.26, 7.26); Calibrated: 2015/2/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2015/2/20
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.47 W/kg

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.67 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.22 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.519 W/kg
Maximum value of SAR (measured) = 1.93 W/kg