Appendix A: Plots

Plot 1: 802.11b, Ch. 6, Front

Date/Time: 3/15/2019 2:42:13 PM

Test Laboratory: TUV Rheinland of North America
DUT: Intel Tracker; Serial: Unit #1

Communication System: UID 0, WiFi - 100% Duty Cycle (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2.107 S/m; ε_r = 51.18; ρ = 1000 kg/m^3
Phantom section: Flat Section

Procedure Notes: Operator: Josie; Ambient Temp: 21°C; Liquid Temp: 20°C; Comments: ;

DASY5 Configuration:

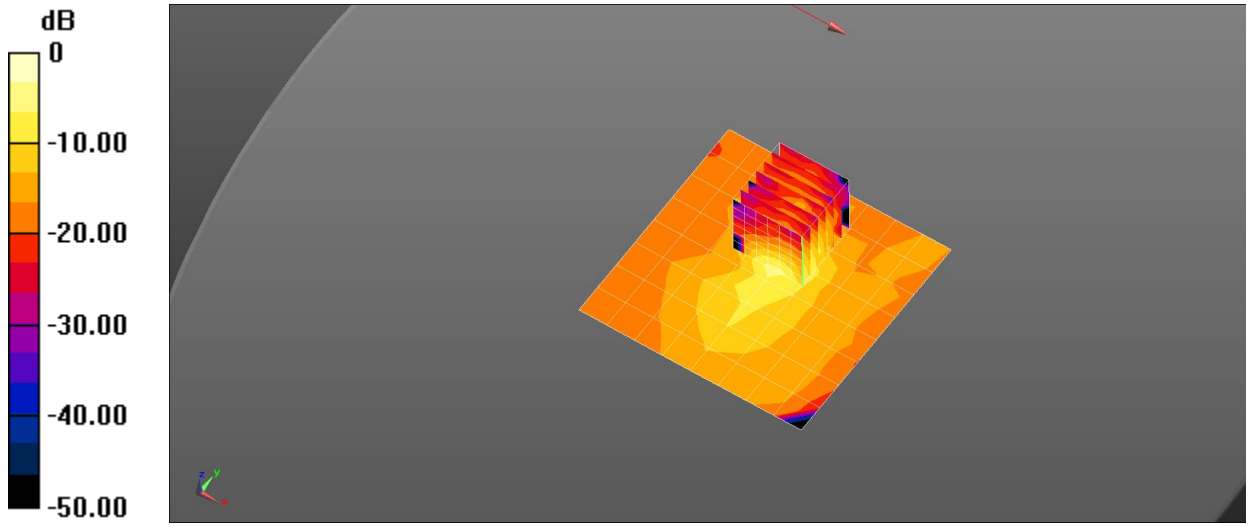
- Probe: EX3DV4 - SN7350; ConvF(7.69, 7.69, 7.69); Calibrated: 12/14/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1419; Calibrated: 2/1/2019
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP: 1254
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Front_0 mm_Mid Ch/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.357 W/kg

Body/Front_0 mm_Mid Ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.18 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.785 W/kg
SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.082 W/kg (SAR corrected for target medium)

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.439 W/kg



0 dB = 0.357 W/kg = -4.47 dBW/kg

Plot 2: 802.11b, Ch. 6, Back

Date/Time: 3/15/2019 3:10:14 PM

Test Laboratory: TUV Rheinland of North America
DUT: Intel Tracker; Serial: Unit #1

Communication System: UID 0, WiFi - 100% Duty Cycle (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2.107 S/m; ε_r = 51.18; ρ = 1000 kg/m^3
Phantom section: Flat Section

Procedure Notes: Operator: Josie; Ambient Temp: 21°C; Liquid Temp: 20°C; Comments: ;

DASY5 Configuration:

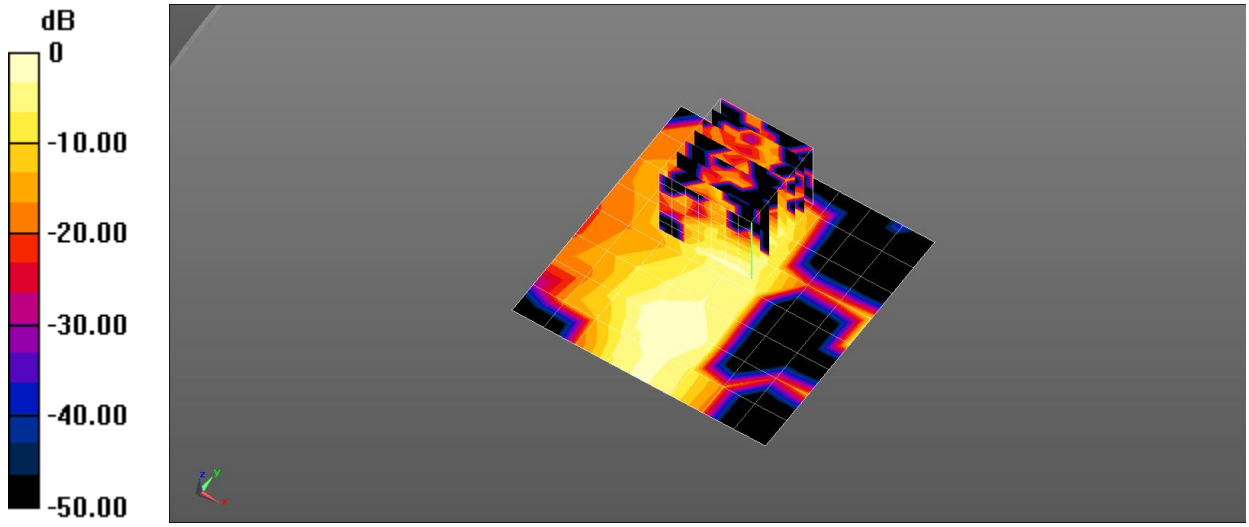
- Probe: EX3DV4 - SN7350; ConvF(7.69, 7.69, 7.69); Calibrated: 12/14/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1419; Calibrated: 2/1/2019
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP: 1254
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Back_0 mm_Mid Ch/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0323 W/kg

Body/Back_0 mm_Mid Ch/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.976 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.0500 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00356 W/kg (SAR corrected for target medium)

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0229 W/kg



0 dB = 0.0323 W/kg = -14.91 dBW/kg

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Plot 3: 802.11b, Ch. 1, Front

Date/Time: 3/15/2019 3:41:52 PM

Test Laboratory: TUV Rheinland of North America
DUT: Intel Tracker; Serial: Unit #1

Communication System: UID 0, WiFi - 100% Duty Cycle (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 2.082 S/m; ε_r = 51.231; ρ = 1000 kg/m^3
Phantom section: Flat Section

Procedure Notes: Operator: Josie; Ambient Temp: 21°C; Liquid Temp: 20°C; Comments: ;

DASY5 Configuration:

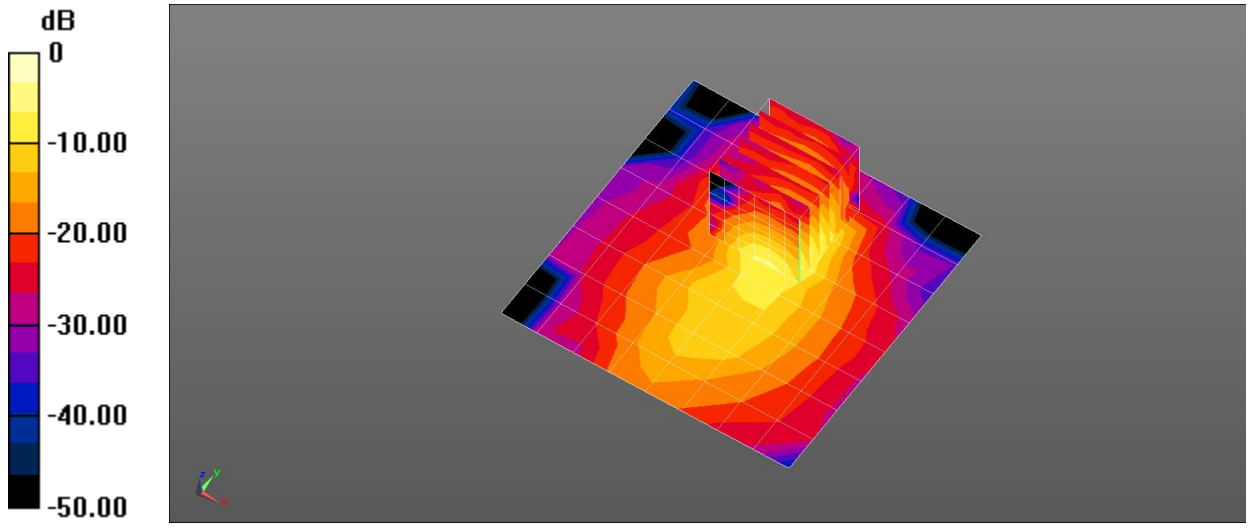
- Probe: EX3DV4 - SN7350; ConvF(7.69, 7.69, 7.69); Calibrated: 12/14/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1419; Calibrated: 2/1/2019
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP: 1254
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Front_0 mm_Low Ch/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.795 W/kg

Body/Front_0 mm_Low Ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.52 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.108 W/kg (SAR corrected for target medium)

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.603 W/kg



0 dB = 0.795 W/kg = -0.99 dBW/kg

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Plot 4: 802.11b, Ch. 11, Front

Date/Time: 3/15/2019 4:03:22 PM

Test Laboratory: TUV Rheinland of North America
DUT: Intel Tracker; Serial: Unit #1

Communication System: UID 0, WiFi - 100% Duty Cycle (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.131 S/m; ε_r = 51.127; ρ = 1000 kg/m^3
Phantom section: Flat Section

Procedure Notes: Operator: Josie; Ambient Temp: 21°C; Liquid Temp: 20°C; Comments: ;

DASY5 Configuration:

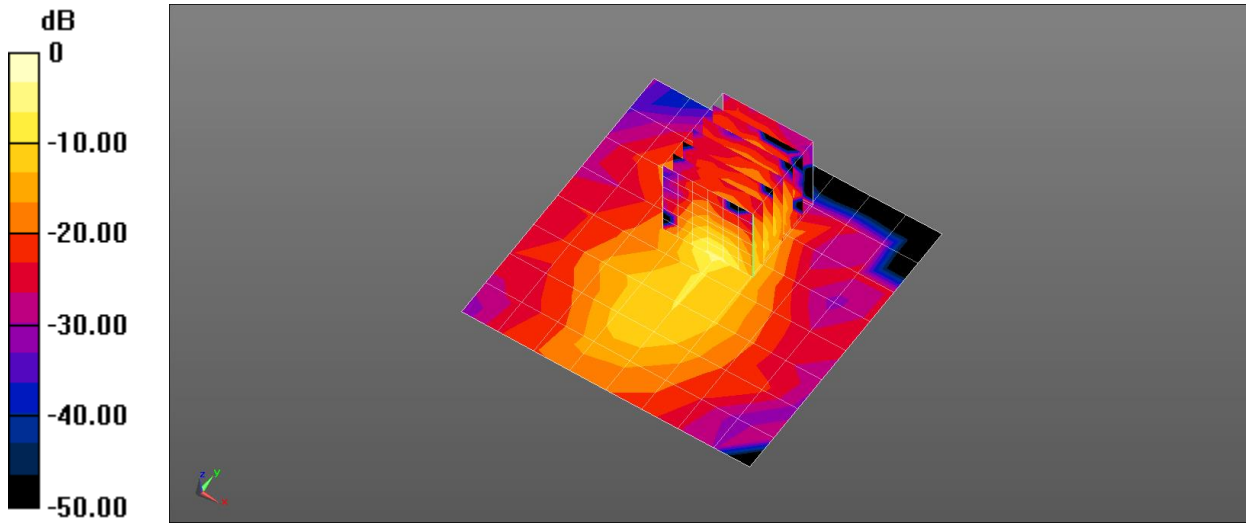
- Probe: EX3DV4 - SN7350; ConvF(7.69, 7.69, 7.69); Calibrated: 12/14/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1419; Calibrated: 2/1/2019
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP: 1254
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Front_0 mm_High Ch/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.420 W/kg

Body/Front_0 mm_High Ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.42 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.579 W/kg
SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.053 W/kg (SAR corrected for target medium)

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.314 W/kg



0 dB = 0.420 W/kg = -3.77 dBW/kg

Plot 5: 2450 MHz System Check, March 15, 2019

Date/Time: 3/15/2019 2:11:42 PM

Test Laboratory: TUV Rheinland of North America
DUT: Dipole 2450 MHz; Serial: 304324-2402103

Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 2.12 S/m; ε_r = 51.153; ρ = 1000 kg/m^3
Phantom section: Flat Section

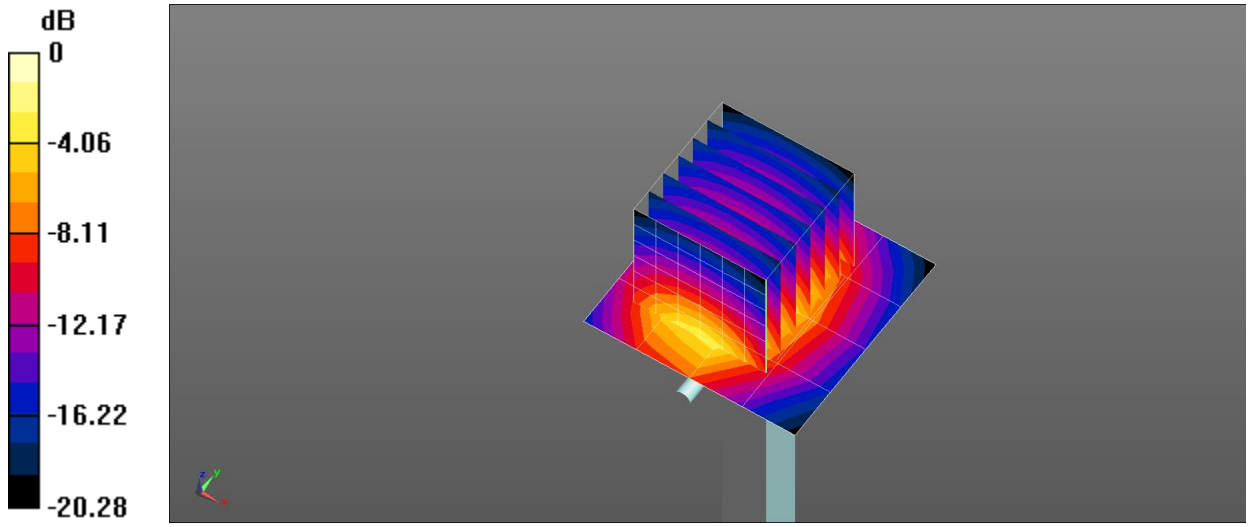
Procedure Notes: Operator: Josie; Ambient Temp: 21°C; Liquid Temp: 20°C; Comments: ;

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.69, 7.69, 7.69); Calibrated: 12/14/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1419; Calibrated: 2/1/2019
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP: 1254
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/SysCheck_2450MHz_MBBL/Area Scan (5x5x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 7.79 W/kg

Body/SysCheck_2450MHz_MBBL/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 63.62 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 12.0 W/kg
SAR(1 g) = 5.56 W/kg; SAR(10 g) = 2.57 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.90 W/kg



0 dB = 7.79 W/kg = 8.92 dBW/kg