Appendix C - Highest Measurement Plots

Date: 2022/12/1

1_WLAN 2.4 GHz_802.11b_Ch1_Bottom of laptop_0 mm_ANT Main

DUT: H7604J

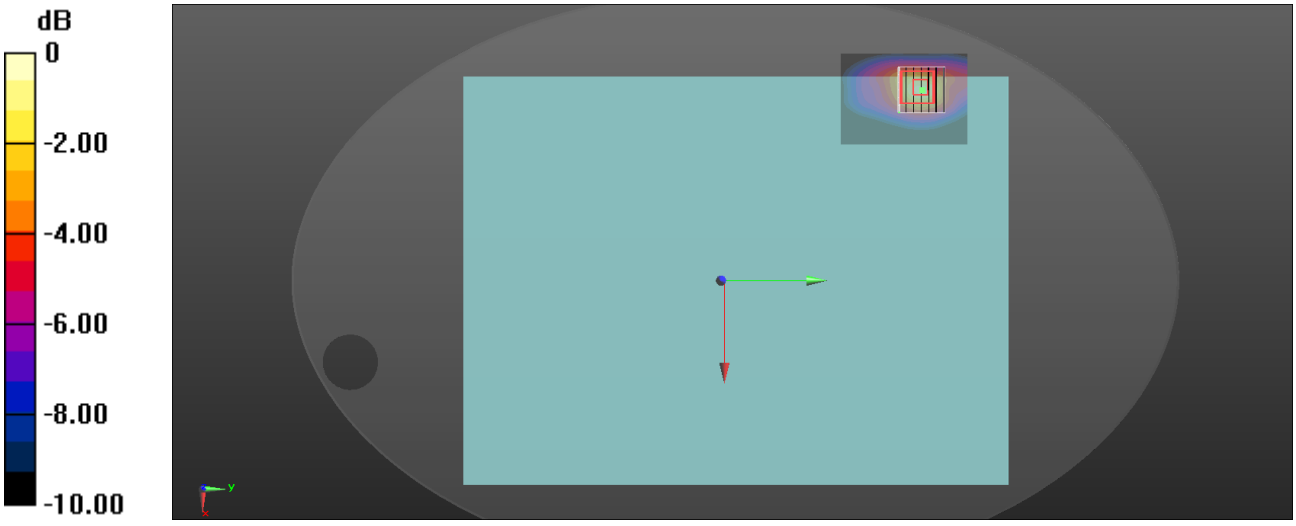
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1.011
Medium parameters used: f = 2412 MHz; σ = 1.734 S/m; ε_r = 40.353; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.44, 7.44, 7.44) @ 2412 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.46 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 0.828 W/kg; SAR(10 g) = 0.388 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 44.3%
Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

Date: 2022/12/1

2_WLAN 2.4 GHz_802.11b_Ch11_Bottom of laptop_0 mm_ANT Aux

DUT: H7604J

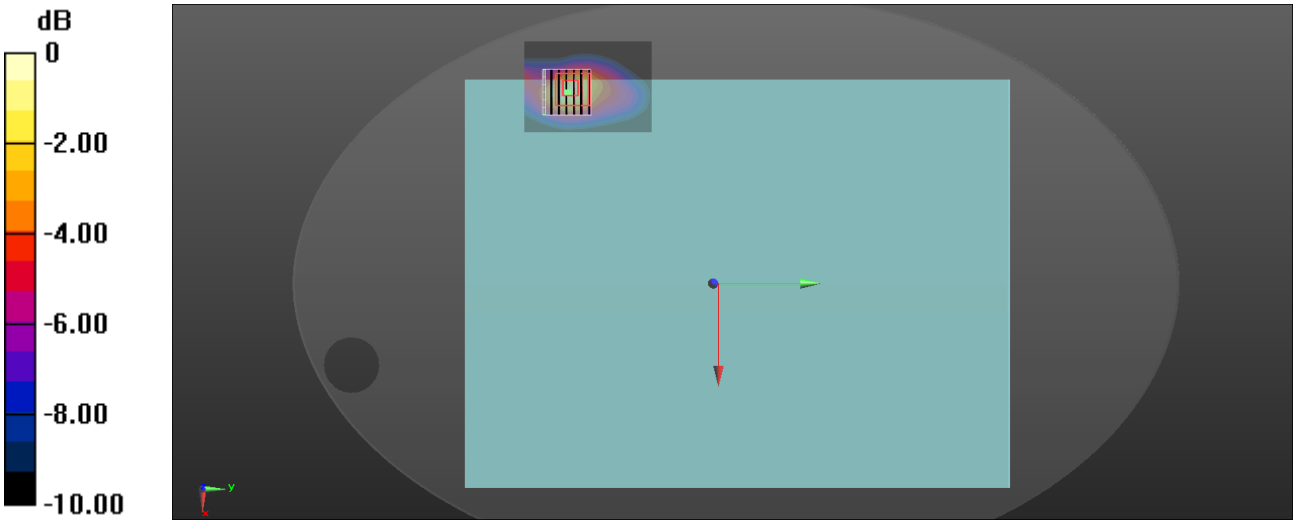
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:1.011
Medium parameters used: f = 2462 MHz; σ = 1.786 S/m; ε_r = 40.194; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.44, 7.44, 7.44) @ 2462 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.11 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.403 W/kg
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 41.1%
Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

Date: 2022/12/1

21_WLAN 2.4 GHz_802.11n HT20_Ch6_Bottom of laptop_0 mm_ANT MIMO

DUT: H7604J

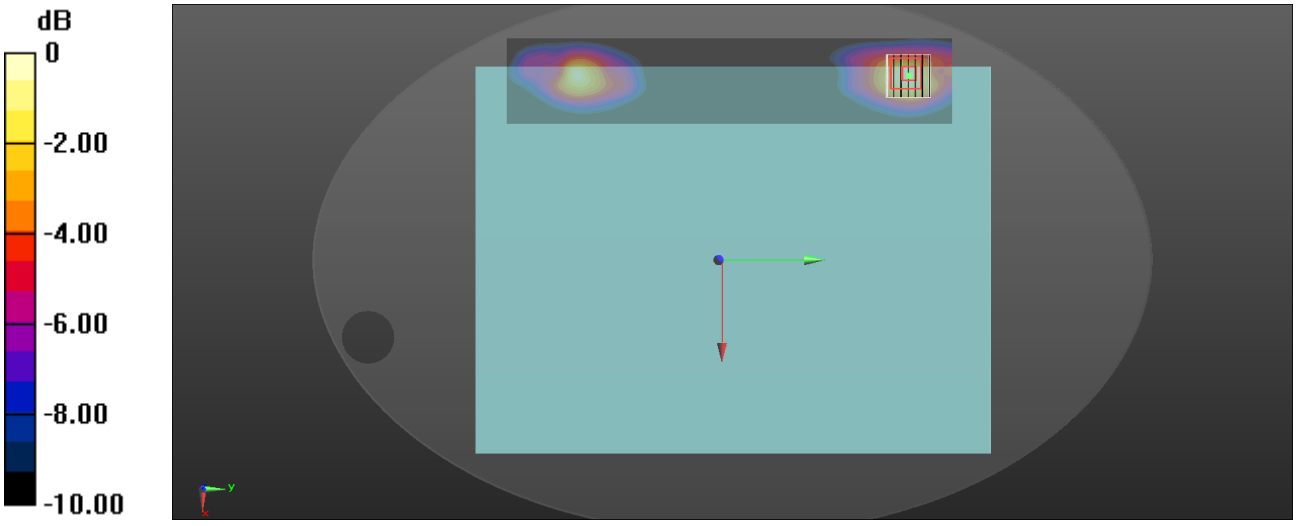
Communication System: UID 0, IEEE 802.11n(2.4GHz)HT20 (0); Frequency: 2437 MHz;Duty Cycle: 1:1.01
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.76 S/m; ε_r = 40.256; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.44, 7.44, 7.44) @ 2437 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x261x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.47 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.72 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.403 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 46.9%
Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

Date: 2022/12/1

3_Blutooth_GFSK_Ch39_Bottom of laptop_0 mm_ANT Aux

DUT: H7604J

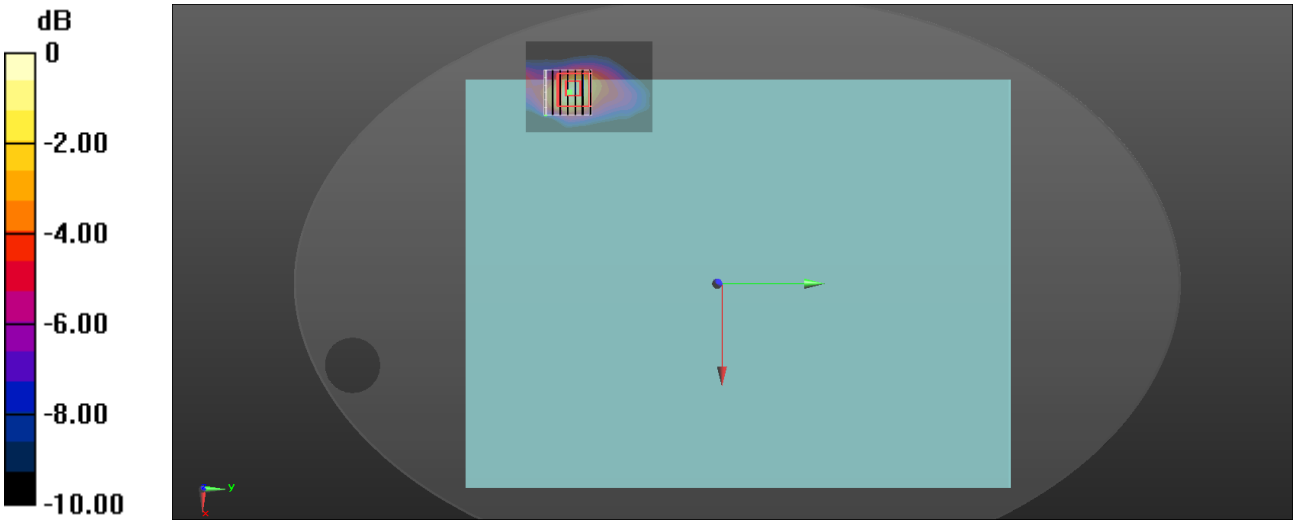
Communication System: UID 0, Bluetooth 3.0 (0); Frequency: 2441 MHz;Duty Cycle: 1:1.296
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.765 S/m; ε_r = 40.241; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.44, 7.44, 7.44) @ 2441 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.135 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.714 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.192 W/kg
SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.037 W/kg
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 39.8%
Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg

Date: 2022/11/30

4_WLAN 5 GHz_802.11ac VHT160_Ch50_Bottom of laptop_0 mm_ANT Main

DUT: H7604J

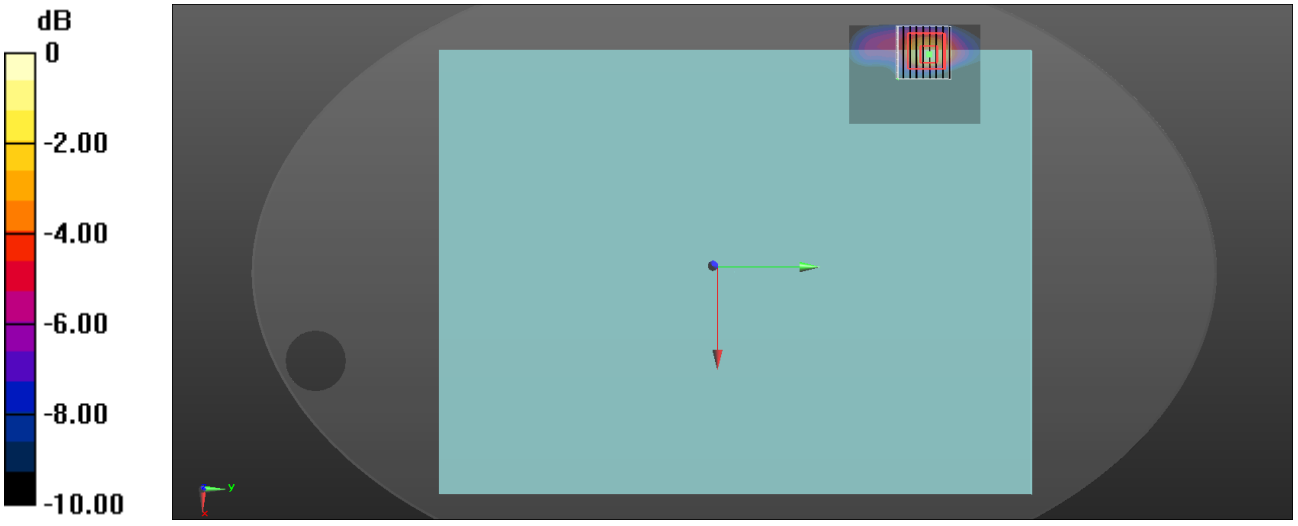
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz;Duty Cycle: 1:1.015
Medium parameters used: f = 5250 MHz; σ = 4.619 S/m; ε_r = 35.437; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(5.01, 5.01, 5.01) @ 5250 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.63 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.69 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.64 W/kg
SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.195 W/kg
Smallest distance from peaks to all points 3 dB below = 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 63.1%
Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg

Date: 2022/11/30

5_WLAN 5 GHz_802.11ac VHT160_Ch50_Bottom of laptop_0 mm_ANT Aux

DUT: H7604J

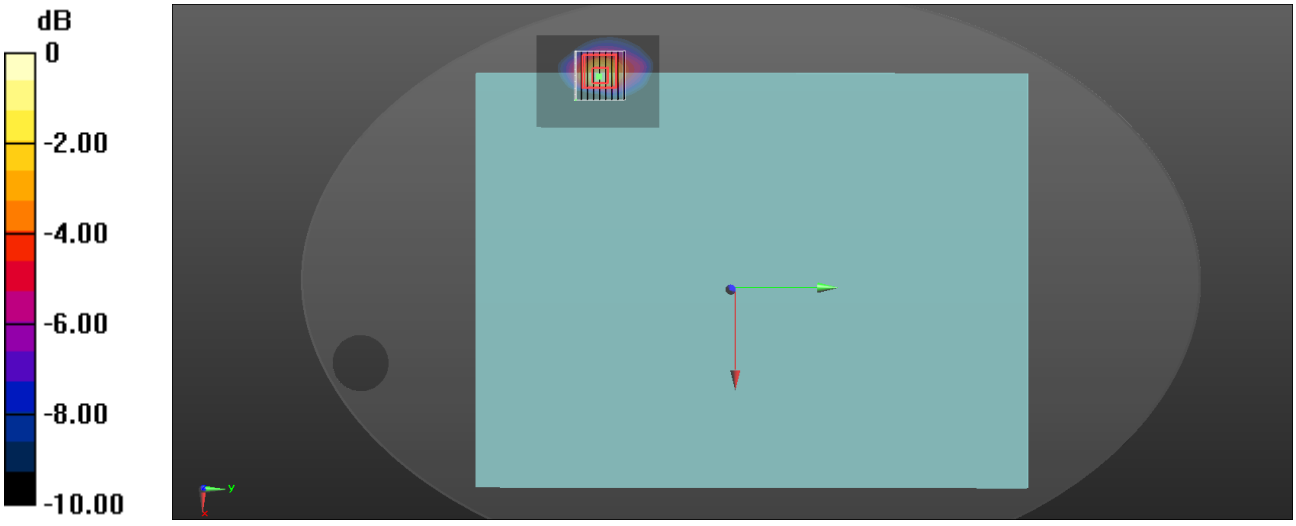
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz;Duty Cycle: 1:1.018
Medium parameters used: f = 5250 MHz; σ = 4.619 S/m; ε_r = 35.437; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(5.01, 5.01, 5.01) @ 5250 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.76 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 18.10 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.85 W/kg
SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.225 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.9%
Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg

Date: 2022/11/30

22_WLAN 5 GHz_802.11n HT40_Ch54_Bottom of laptop_0 mm_ANT MIMO

DUT: H7604J

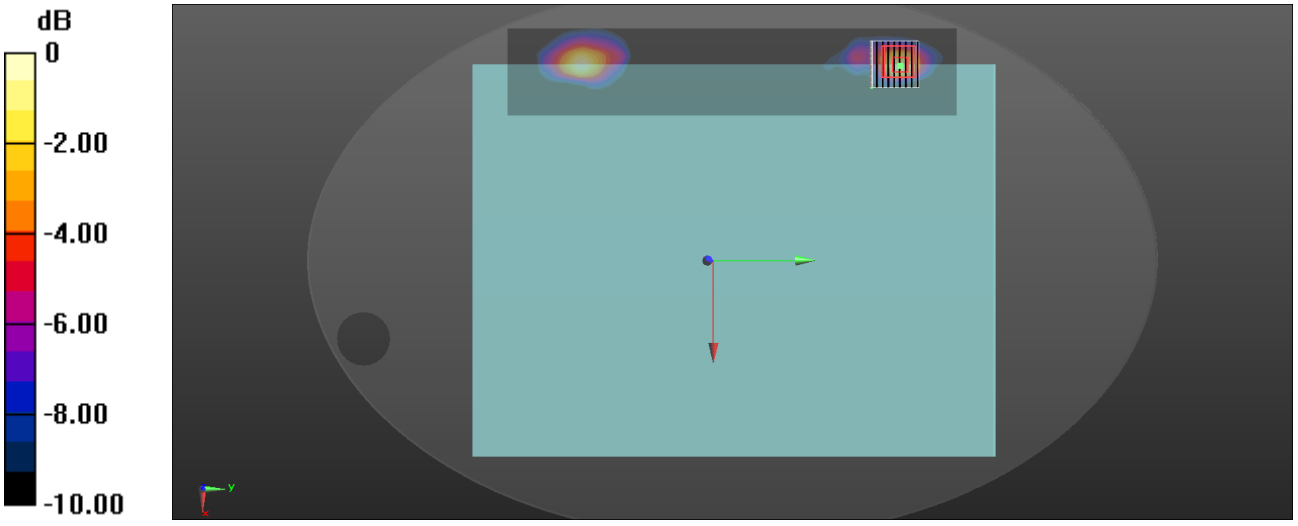
Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5270 MHz;Duty Cycle: 1:1.013
Medium parameters used: f = 5270 MHz; σ = 4.643 S/m; ε_r = 35.404; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(5.01, 5.01, 5.01) @ 5270 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x311x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.83 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 2.29 W/kg
SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.181 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 63.6%
Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

Date: 2022/11/30

6_WLAN 5 GHz_802.11ac VHT80_Ch138_Bottom of laptop_0 mm_ANT Main

DUT: H7604J

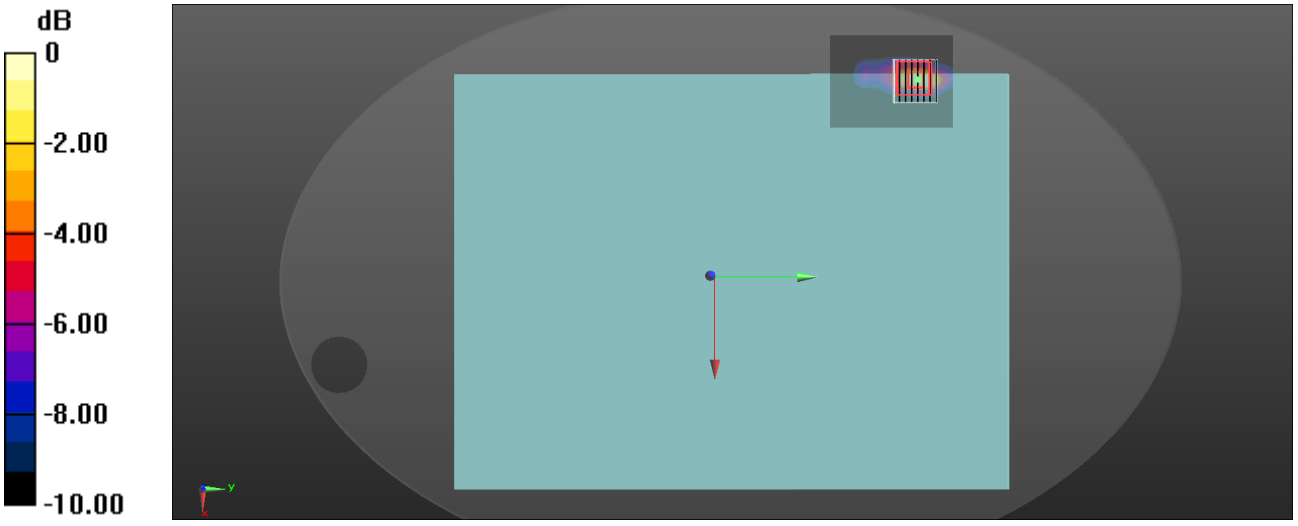
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.014
Medium parameters used: f = 5690 MHz; σ = 5.061 S/m; ε_r = 34.59; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5690 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.87 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 18.50 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 3.67 W/kg
SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.229 W/kg
Smallest distance from peaks to all points 3 dB below = 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 59.4%
Maximum value of SAR (measured) = 1.84 W/kg



0 dB = 1.84 W/kg = 2.65 dBW/kg

Date: 2022/11/30

7_WLAN 5 GHz_802.11ac VHT80_Ch138_Bottom of laptop_0 mm_ANT Aux

DUT: H7604J

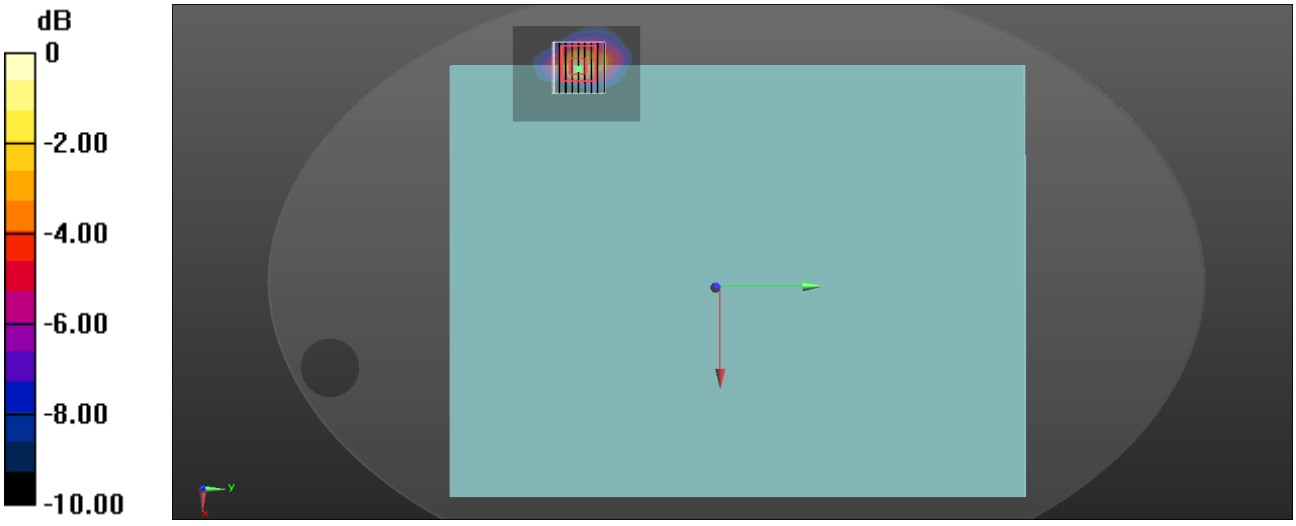
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.017
Medium parameters used: f = 5690 MHz; σ = 5.061 S/m; ε_r = 34.59; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5690 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.70 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 15.08 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 3.11 W/kg
SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.204 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 60.5%
Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg

Date: 2022/11/30

23_WLAN 5 GHz_802.11ac VHT80_Ch138_Bottom of laptop_0 mm_ANT MIMO

DUT: H7604J

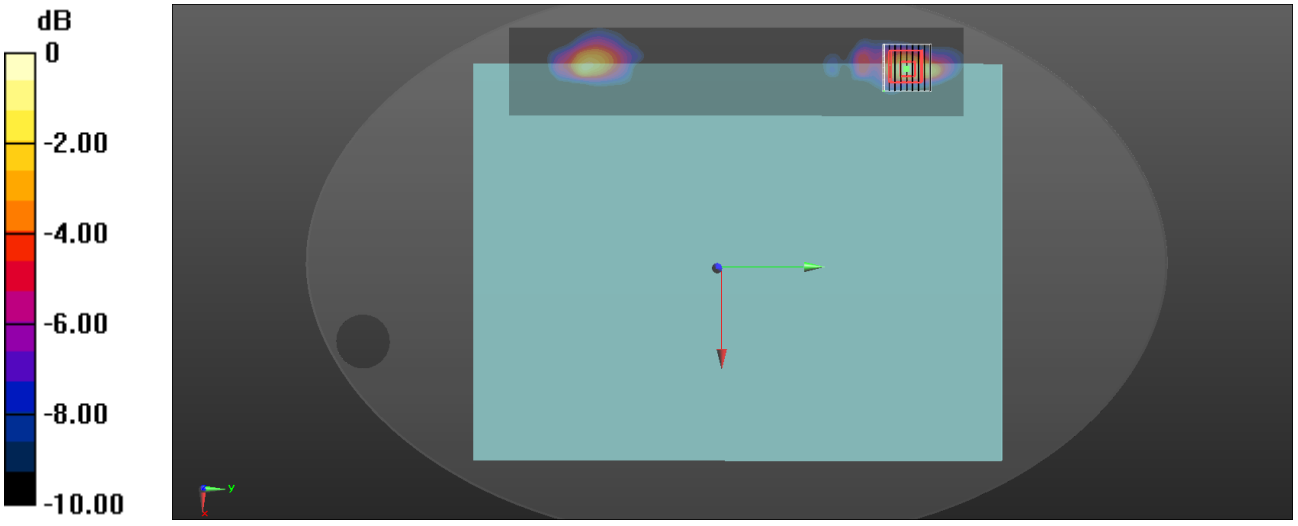
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.017
Medium parameters used: f = 5690 MHz; σ = 5.061 S/m; ε_r = 34.59; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5690 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x311x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.59 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 15.16 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 2.95 W/kg
SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.203 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 60.2%
Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg = 2.04 dBW/kg

Date: 2022/11/30

8_WLAN 5 GHz_802.11ac VHT80_Ch155_Bottom of laptop_0 mm_ANT Main

DUT: H7604J

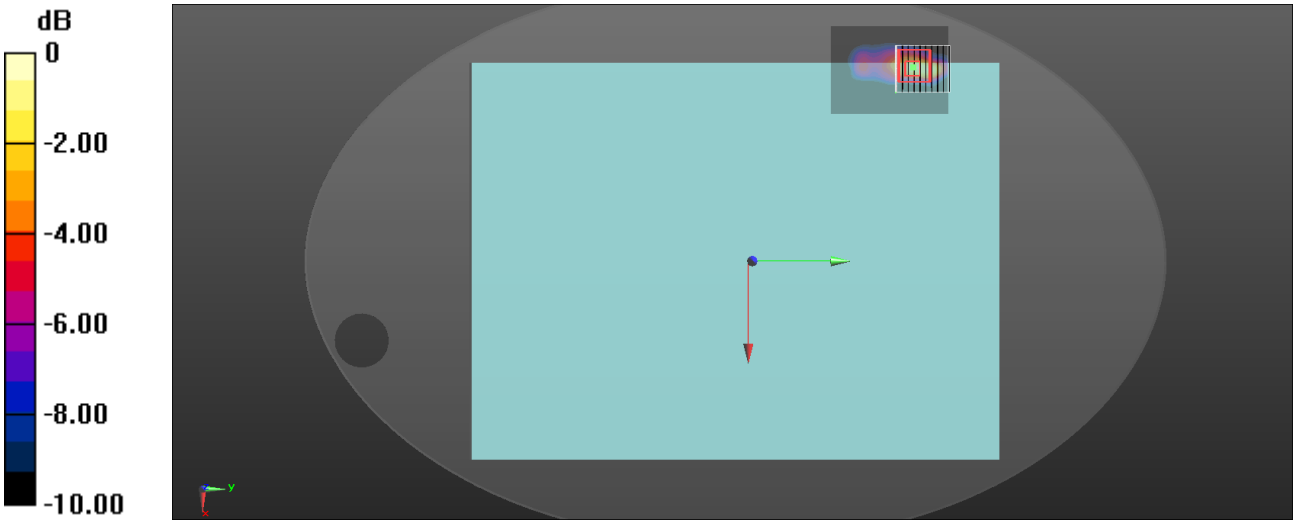
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.014
Medium parameters used: f = 5775 MHz; σ = 5.138 S/m; ε_r = 34.422; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5775 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.65 W/kg

Zoom Scan (9x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.98 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 3.39 W/kg
SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.203 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 58.4%
Maximum value of SAR (measured) = 1.86 W/kg



0 dB = 1.86 W/kg = 2.71 dBW/kg

Date: 2022/11/30

9_WLAN 5 GHz_802.11ac VHT80_Ch155_Bottom of laptop_0 mm_ANT Aux

DUT: H7604J

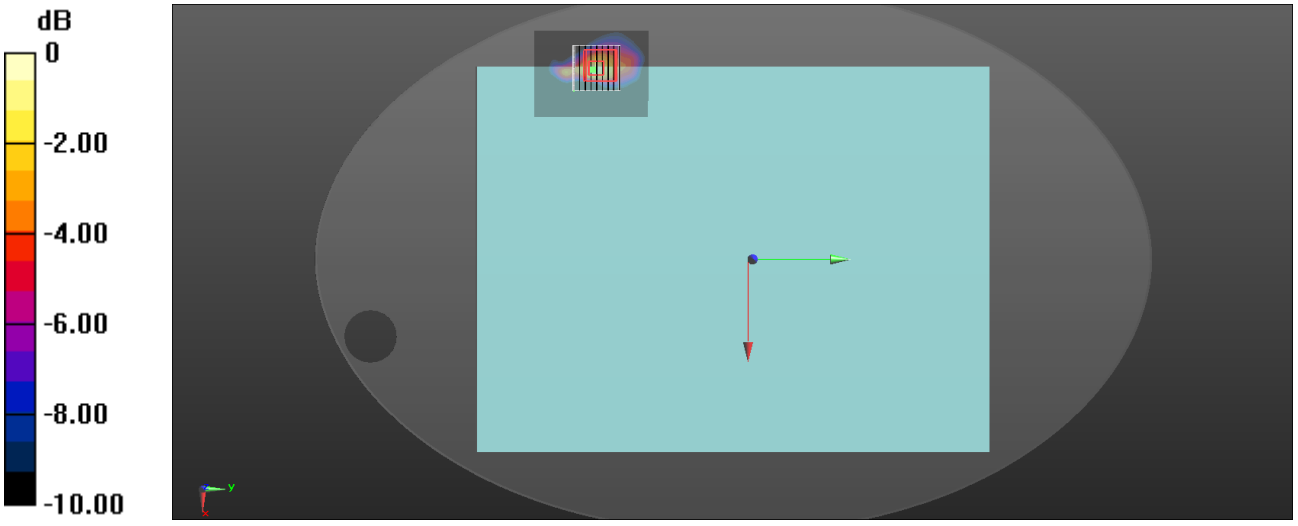
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.017
Medium parameters used: f = 5775 MHz; σ = 5.138 S/m; ε_r = 34.422; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5775 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.89 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.11 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.21 W/kg
SAR(1 g) = 0.641 W/kg; SAR(10 g) = 0.191 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 57.7%
Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

Date: 2022/11/30

24_WLAN 5 GHz_802.11ac VHT80_Ch155_Bottom of laptop_0 mm_ANT MIMO

DUT: H7604J

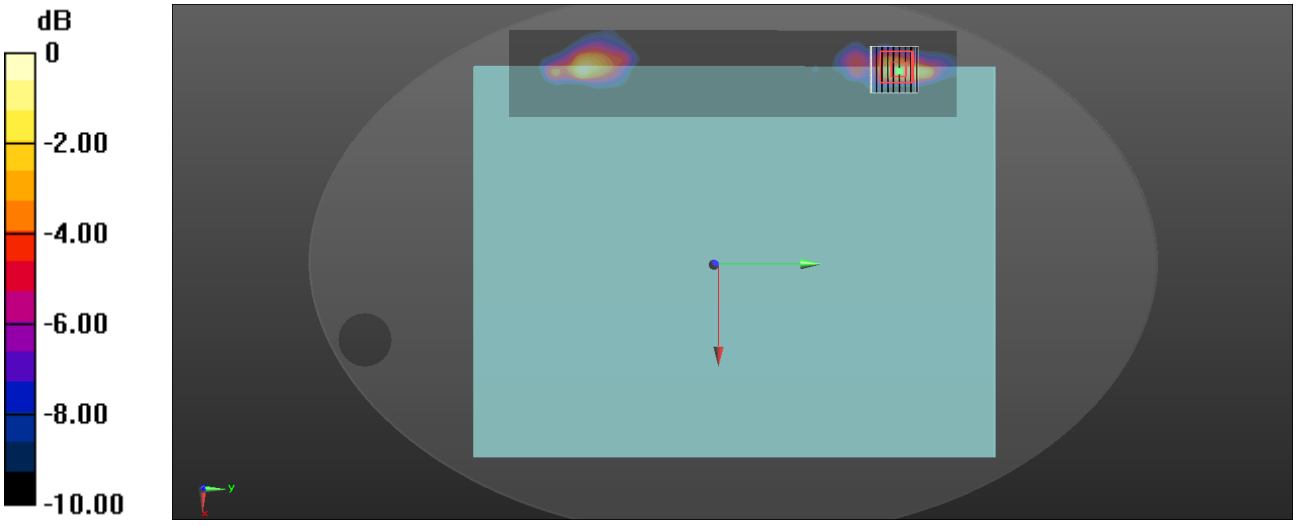
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.017
Medium parameters used: f = 5775 MHz; σ = 5.138 S/m; ε_r = 34.422; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5775 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x311x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.54 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 15.86 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 3.02 W/kg
SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.178 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 57.5%
Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

10_WLAN 6 GHz_802.11ax HE160_Ch79_Bottom of laptop_0 mm_ANT Main

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	5.5	5.99	34.9

Hardware Setup

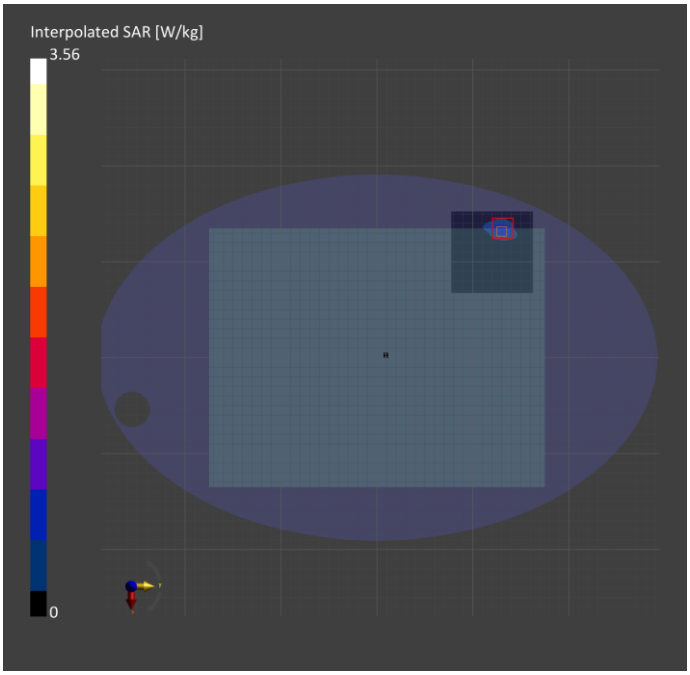
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.683	0.757
psSAR10g [W/Kg]	0.223	0.230
psPDab (1.0cm2, sq) [W/m2]		7.57
psPDab (4.0cm2, sq) [W/m2]		5.31
Power Drift [dB]	-0.01	-0.02
TSL Correction	Positive only	Positive only
M2/M1 [%]		54.4
Dist 3dB Peak [mm]		6.1



11_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom of laptop_0 mm_ANT Main

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	5.5	5.65	35.5

Hardware Setup

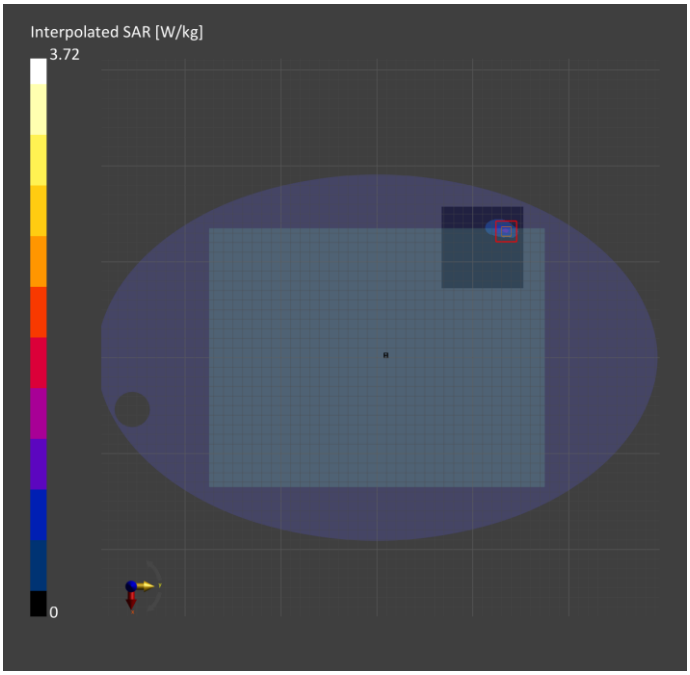
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.681	0.740
psSAR10g [W/Kg]	0.205	0.211
psPDab (1.0cm2, sq) [W/m2]		7.40
psPDab (4.0cm2, sq) [W/m2]		4.97
Power Drift [dB]	0.14	-0.13
TSL Correction	Positive only	Positive only
M2/M1 [%]		54.6
Dist 3dB Peak [mm]		4.1



12_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_0 mm_ANT Main

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	5.5	6.12	34.7

Hardware Setup

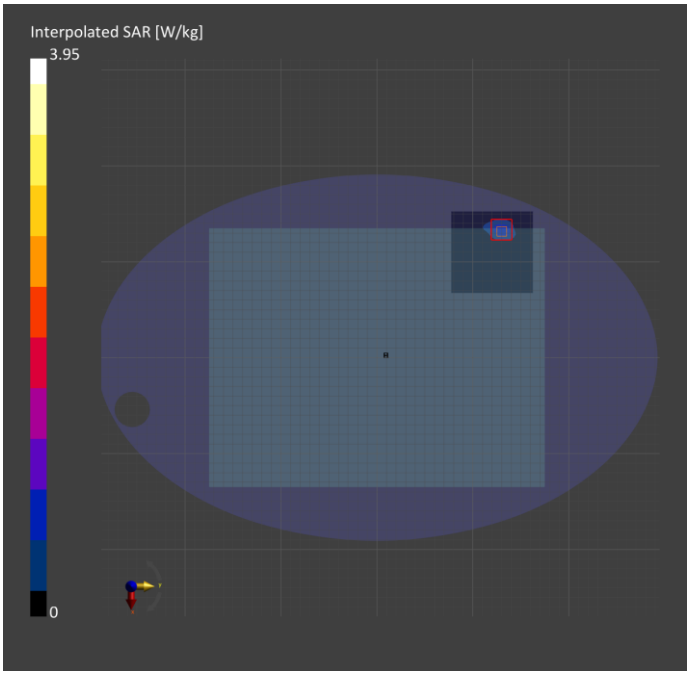
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.744	0.814
psSAR10g [W/Kg]	0.242	0.243
psPDab (1.0cm2, sq) [W/m2]		8.14
psPDab (4.0cm2, sq) [W/m2]		5.64
Power Drift [dB]	-0.06	-0.04
TSL Correction	Positive only	Positive only
M2/M1 [%]		52.6
Dist 3dB Peak [mm]		5.5



13_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_0 mm_ANT Main

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.5	6.33	34.2

Hardware Setup

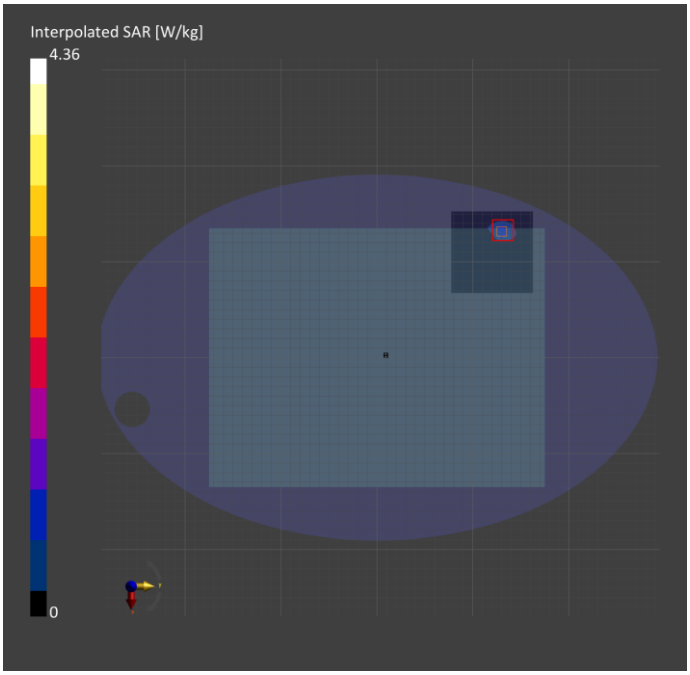
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.764	0.840
psSAR10g [W/Kg]	0.239	0.241
psPDab (1.0cm2, sq) [W/m2]		8.40
psPDab (4.0cm2, sq) [W/m2]		5.58
Power Drift [dB]	-0.12	-0.03
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.2
Dist 3dB Peak [mm]		5.4



14_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_0 mm_ANT Main

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.5	6.67	33.7

Hardware Setup

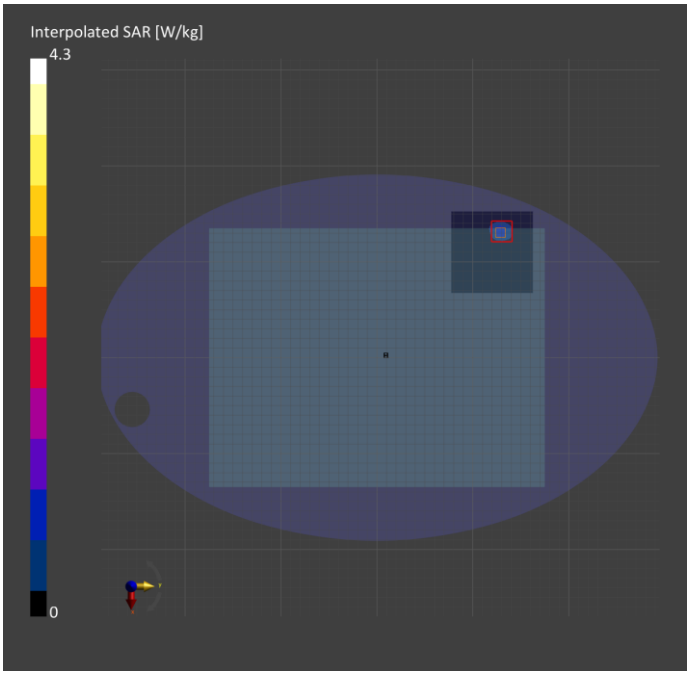
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.740	0.787
psSAR10g [W/Kg]	0.226	0.221
psPDab (1.0cm2, sq) [W/m2]		7.87
psPDab (4.0cm2, sq) [W/m2]		5.17
Power Drift [dB]	-0.13	-0.01
TSL Correction	Positive only	Positive only
M2/M1 [%]		48.8
Dist 3dB Peak [mm]		5.8



15_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_0 mm_ANT Aux

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	5.5	6.12	34.7

Hardware Setup

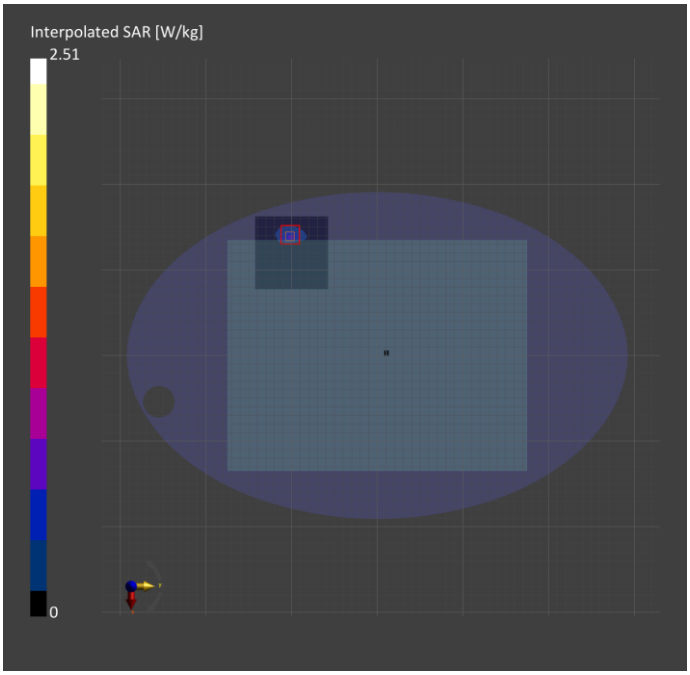
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.483	0.503
psSAR10g [W/Kg]	0.141	0.144
psPDab (1.0cm2, sq) [W/m2]		5.03
psPDab (4.0cm2, sq) [W/m2]		3.53
Power Drift [dB]	-0.09	-0.08
TSL Correction	Positive only	Positive only
M2/M1 [%]		48.1
Dist 3dB Peak [mm]		5.1



16_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom of laptop_0 mm_ANT Aux

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	5.5	5.65	35.5

Hardware Setup

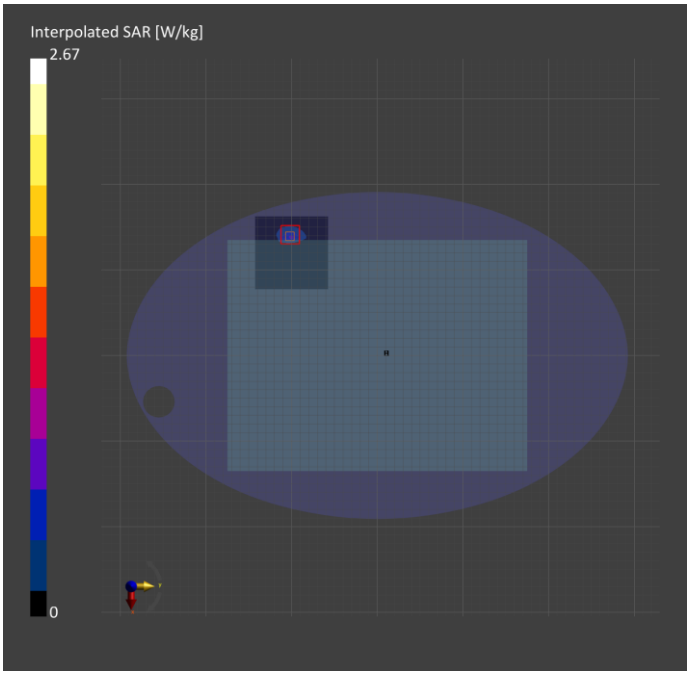
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.498	0.522
psSAR10g [W/Kg]	0.152	0.154
psPDab (1.0cm2, sq) [W/m2]		5.22
psPDab (4.0cm2, sq) [W/m2]		3.89
Power Drift [dB]	-0.03	0.15
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.1
Dist 3dB Peak [mm]		5.8



17_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_0 mm_ANT Aux

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.5	6.33	34.2

Hardware Setup

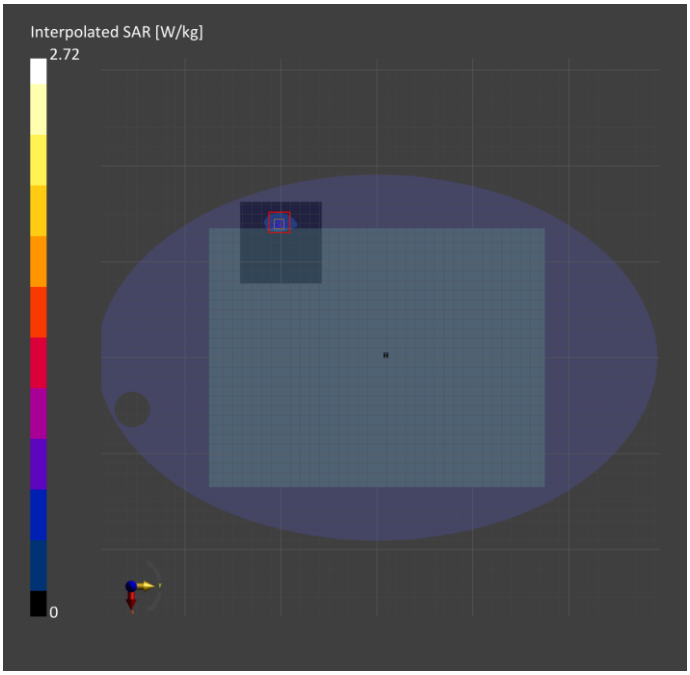
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.512	0.536
psSAR10g [W/Kg]	0.157	0.159
psPDab (1.0cm2, sq) [W/m2]		5.36
psPDab (4.0cm2, sq) [W/m2]		3.72
Power Drift [dB]	-0.09	-0.05
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.3
Dist 3dB Peak [mm]		5.4



18_WLAN 6 GHz_802.11ax HE160_Ch175_Bottom of laptop_0 mm_ANT Aux

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-7	WLAN, 10755-AAC	6825.0, 175	5.5	6.54	34.1

Hardware Setup

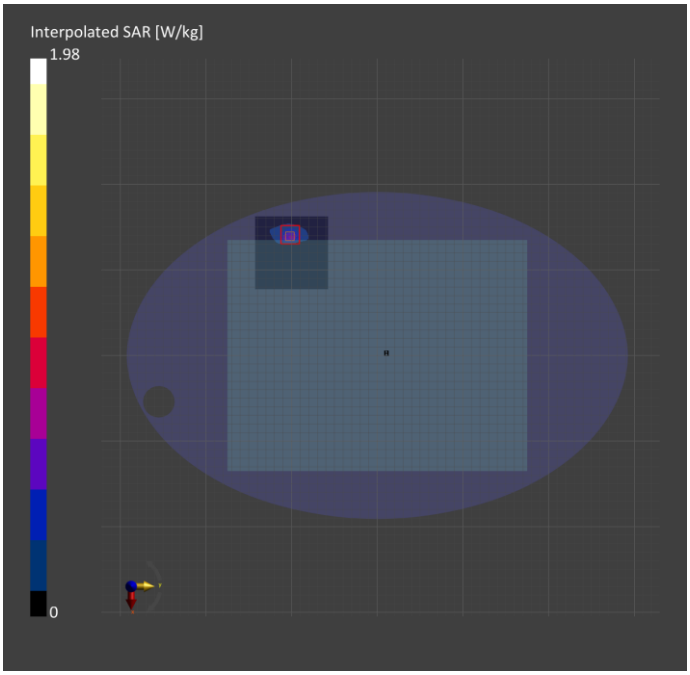
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.398	0.379
psSAR10g [W/Kg]	0.128	0.111
psPDab (1.0cm2, sq) [W/m2]		3.79
psPDab (4.0cm2, sq) [W/m2]		2.42
Power Drift [dB]	-0.11	-0.14
TSL Correction	Positive only	Positive only
M2/M1 [%]		47.8
Dist 3dB Peak [mm]		4.7



19_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_0 mm_ANT Aux

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.5	6.67	33.7

Hardware Setup

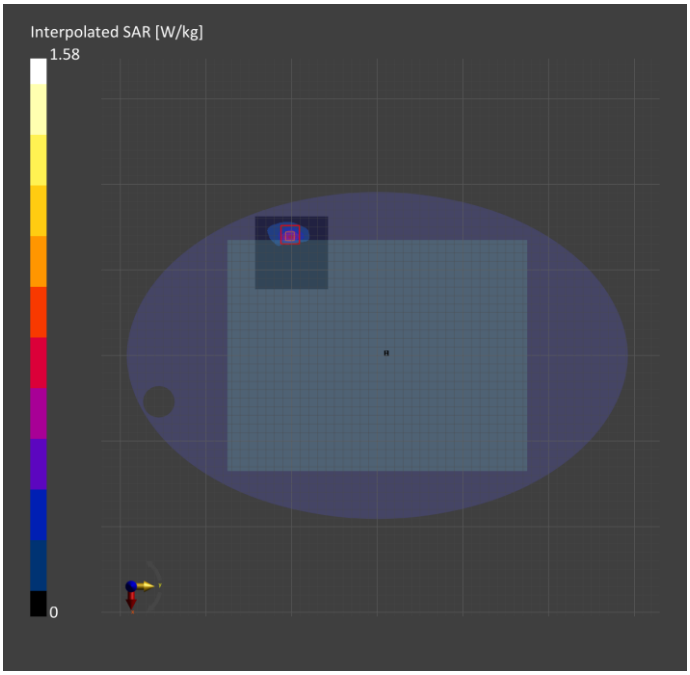
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.249	0.232
psSAR10g [W/Kg]	0.089	0.064
psPDab (1.0cm2, sq) [W/m2]		2.32
psPDab (4.0cm2, sq) [W/m2]		2.12
Power Drift [dB]	-0.16	-0.11
TSL Correction	Positive only	Positive only
M2/M1 [%]		41.1
Dist 3dB Peak [mm]		4.9



34_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_0 mm_ANT MIMO

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	5.5	6.12	34.7

Hardware Setup

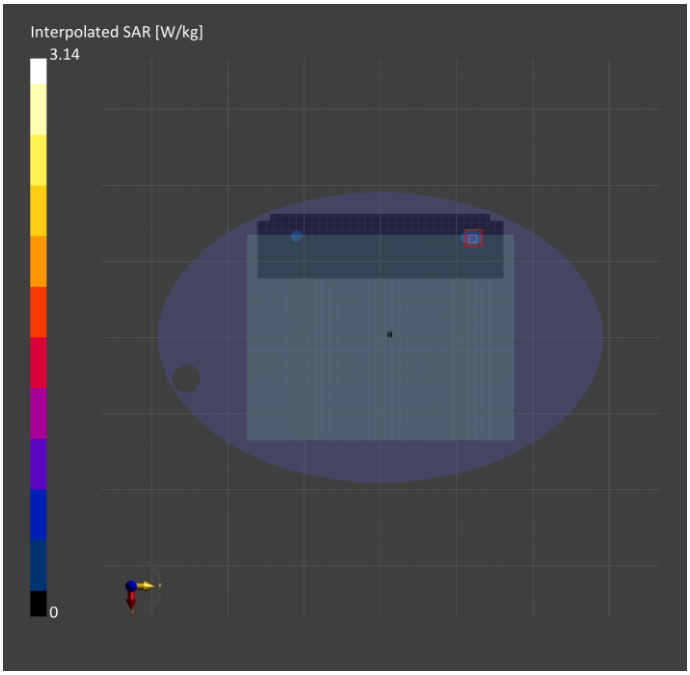
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 323.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.577	0.626
psSAR10g [W/Kg]	0.174	0.183
psPDab (1.0cm2, sq) [W/m2]		6.26
psPDab (4.0cm2, sq) [W/m2]		4.23
Power Drift [dB]	0.12	0.11
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.3
Dist 3dB Peak [mm]		5.8



35_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_0 mm_ANT MIMO

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	5.5	5.54	35.5

Hardware Setup

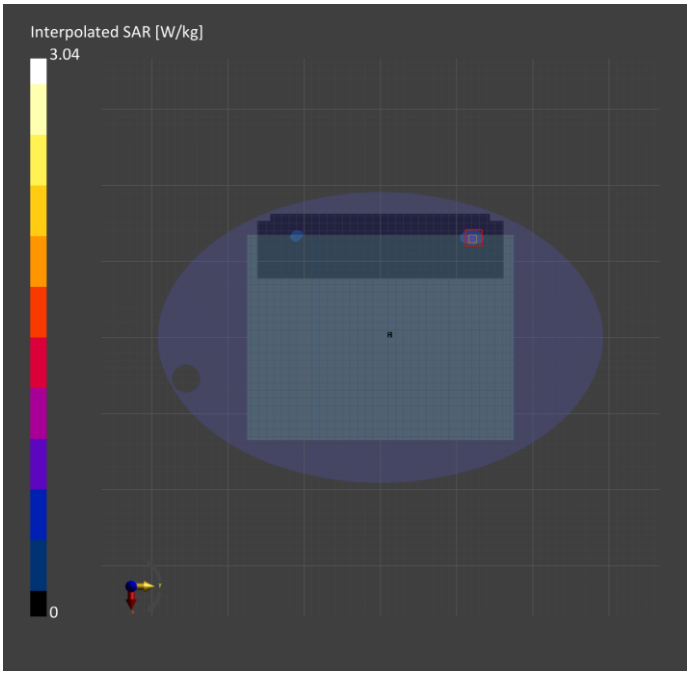
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 323.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.512	0.557
psSAR10g [W/Kg]	0.123	0.154
psPDab (1.0cm2, sq) [W/m2]		5.57
psPDab (4.0cm2, sq) [W/m2]		3.57
Power Drift [dB]	-0.06	-0.08
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.5
Dist 3dB Peak [mm]		5.4



36_WLAN 6 GHz_802.11ax HE160_Ch79_Bottom of laptop_0 mm_ANT MIMO

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	5.5	5.99	34.9

Hardware Setup

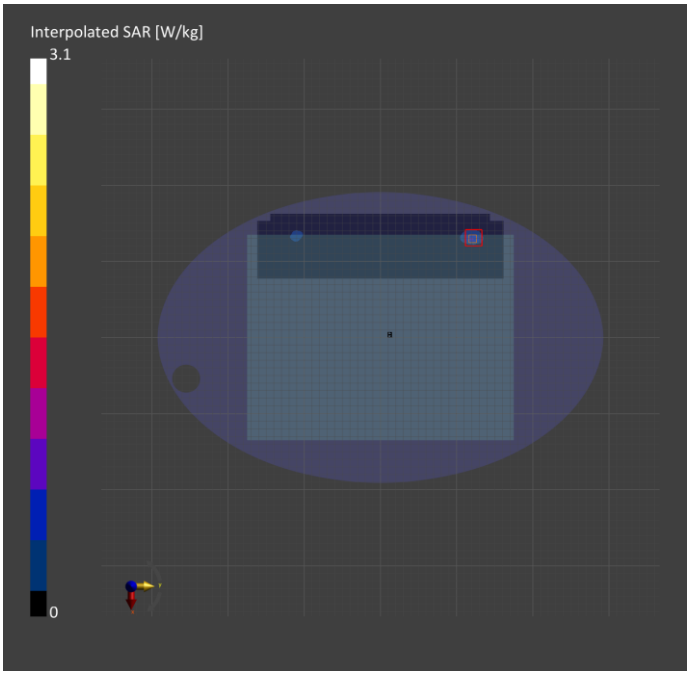
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 323.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.529	0.587
psSAR10g [W/Kg]	0.134	0.166
psPDab (1.0cm2, sq) [W/m2]		5.87
psPDab (4.0cm2, sq) [W/m2]		3.84
Power Drift [dB]	0.06	-0.01
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.4
Dist 3dB Peak [mm]		5.5



37_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_0 mm_ANT MIMO

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.5	6.33	34.2

Hardware Setup

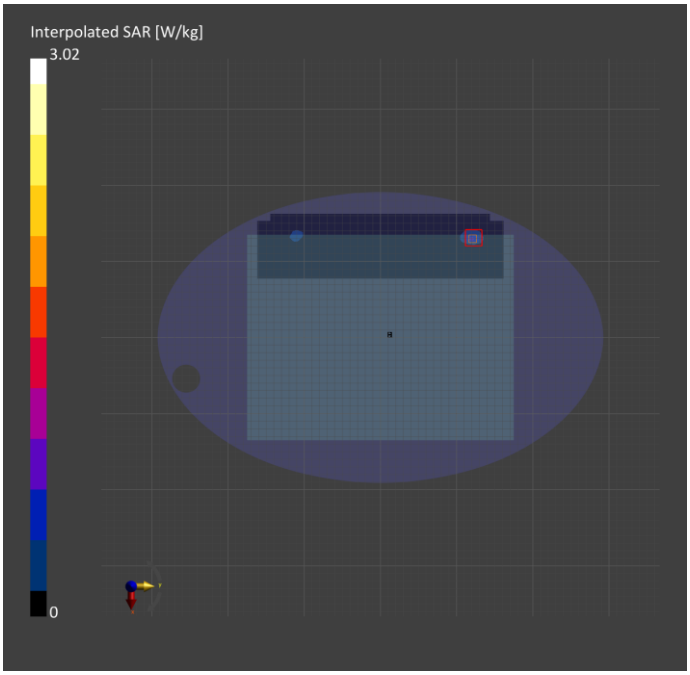
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 323.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.555	0.598
psSAR10g [W/Kg]	0.152	0.173
psPDab (1.0cm2, sq) [W/m2]		5.98
psPDab (4.0cm2, sq) [W/m2]		4.08
Power Drift [dB]	-0.12	-0.18
TSL Correction	Positive only	Positive only
M2/M1 [%]		49.8
Dist 3dB Peak [mm]		5.1



38_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_0 mm_ANT MIMO

Device under Test Properties

Model: H7604J

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.5	6.67	33.7

Hardware Setup

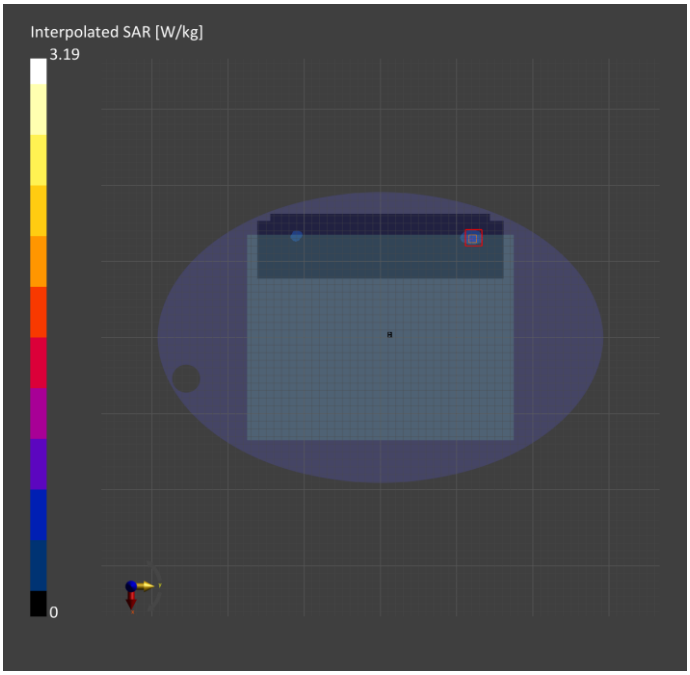
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 323.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-02	2022-12-02
psSAR1g [W/Kg]	0.587	0.618
psSAR10g [W/Kg]	0.159	0.178
psPDab (1.0cm2, sq) [W/m2]		6.18
psPDab (4.0cm2, sq) [W/m2]		4.13
Power Drift [dB]	0.04	-0.06
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.4
Dist 3dB Peak [mm]		5.6



120_WLAN 6 GHz_802.11ax HE160_Ch79_Bottom of laptop_2 mm_ANT Main

Device under Test Properties

Model:H7604J

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

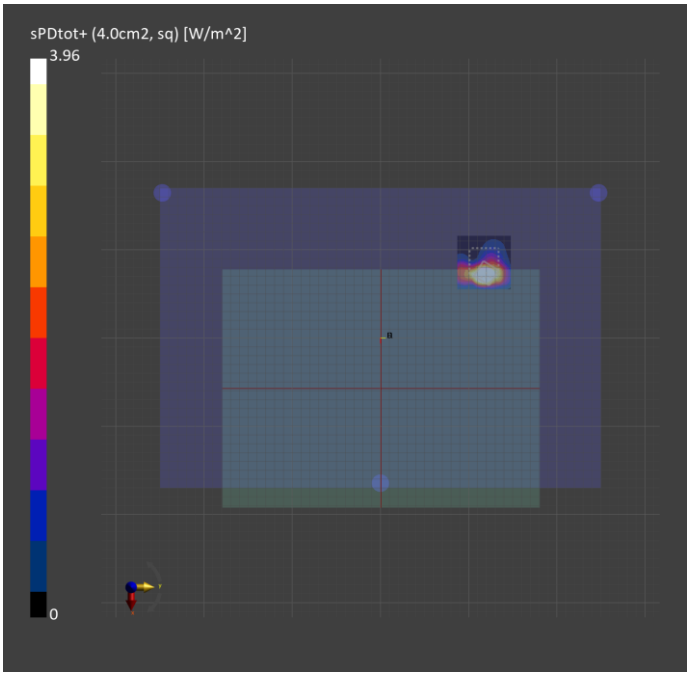
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.92
psPDtot+ [W/m²]	3.87
psPDmod+ [W/m²]	6.27
E_{max} [V/m]	54.3
H_{max} [A/m]	0.363
Power Drift [dB]	0.03



121_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom of laptop_2 mm_ANT Main

Device under Test Properties

Model:H7604J

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	1.0

Hardware Setup

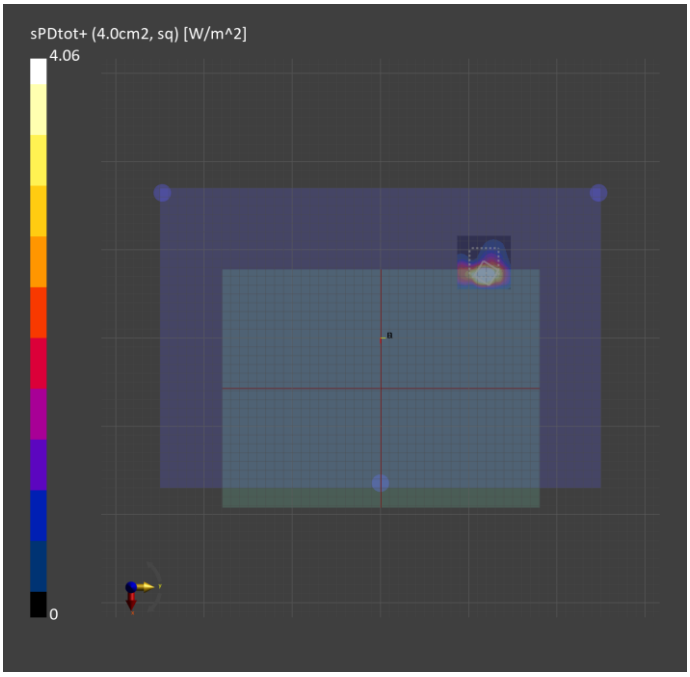
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.89
psPDtot+ [W/m²]	3.98
psPDmod+ [W/m²]	4.49
E_{max} [V/m]	56.1
H_{max} [A/m]	0.381
Power Drift [dB]	-0.09



122_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_2 mm_ANT Main

Device under Test Properties

Model:H7604J

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

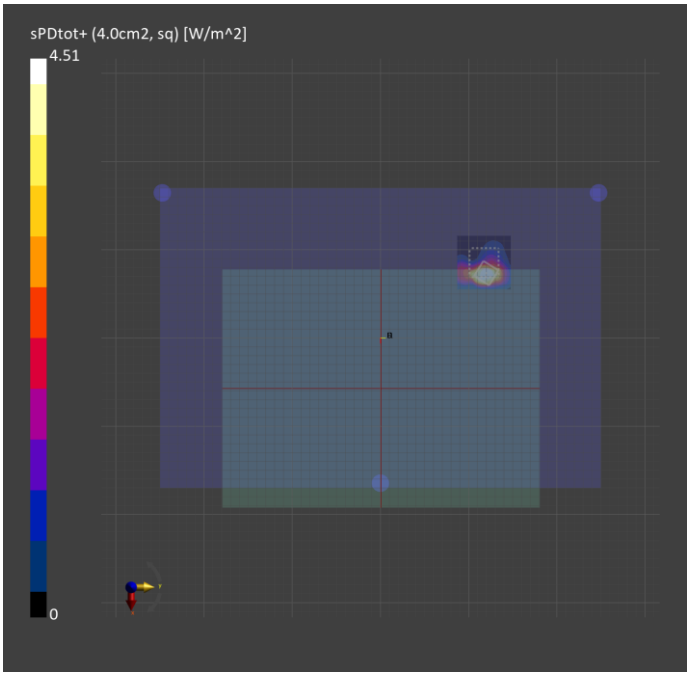
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	2.21
psPDtot+ [W/m²]	4.41
psPDmod+ [W/m²]	7.16
E_{max} [V/m]	64.3
H_{max} [A/m]	0.496
Power Drift [dB]	0.11



123_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_2 mm_ANT Main

Device under Test Properties

Model:H7604J

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	1.0

Hardware Setup

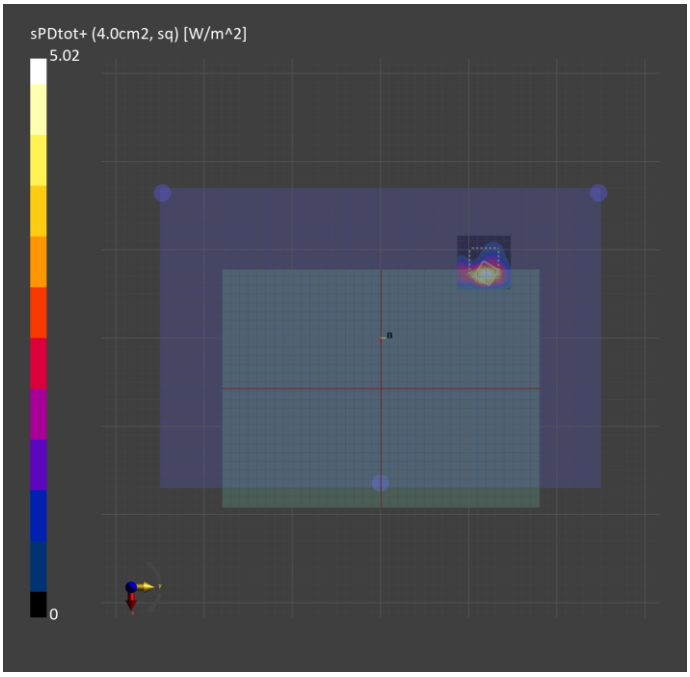
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	2.59
psPDtot+ [W/m²]	4.93
psPDmod+ [W/m²]	8.07
E_{max} [V/m]	68.5
H_{max} [A/m]	0.552
Power Drift [dB]	-0.02



124_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_2 mm_ANT Main

Device under Test Properties

Model:H7604J

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

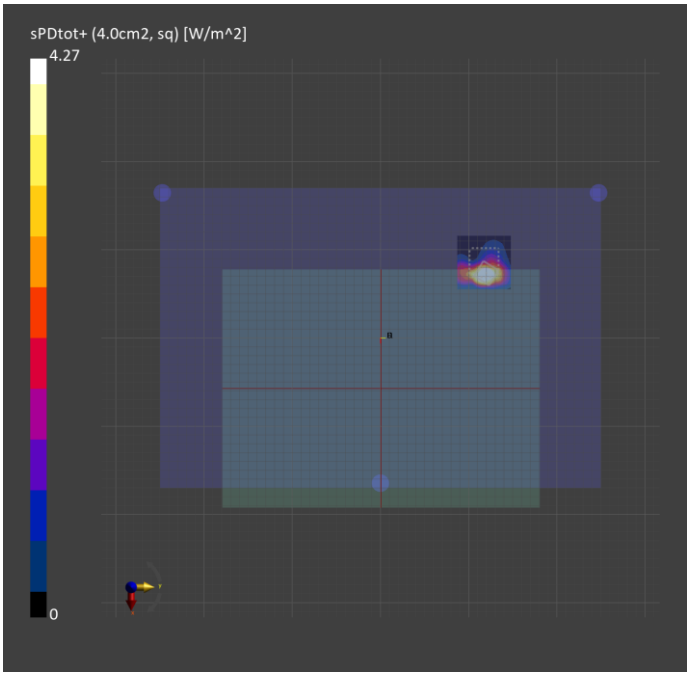
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	2.02
psPDtot+ [W/m²]	4.19
psPDmod+ [W/m²]	6.69
E_{max} [V/m]	60.1
H_{max} [A/m]	0.401
Power Drift [dB]	0.05



125_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_2 mm_ANT Aux

Device under Test Properties

Model:H7604J

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

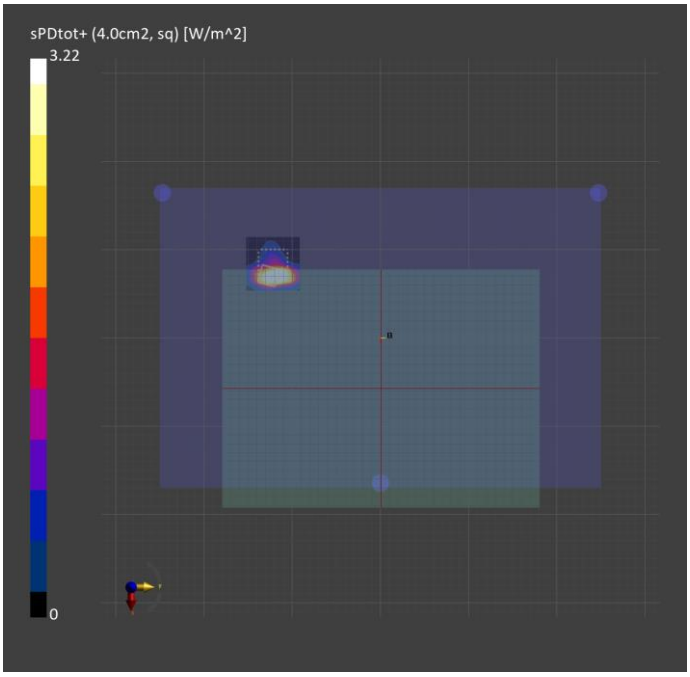
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.73
psPDtot+ [W/m²]	3.12
psPDmod+ [W/m²]	5.52
E_{max} [V/m]	51.2
H_{max} [A/m]	0.442
Power Drift [dB]	-0.03



126_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom of laptop_2 mm_ANT Aux

Device under Test Properties

Model:H7604J

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	1.0

Hardware Setup

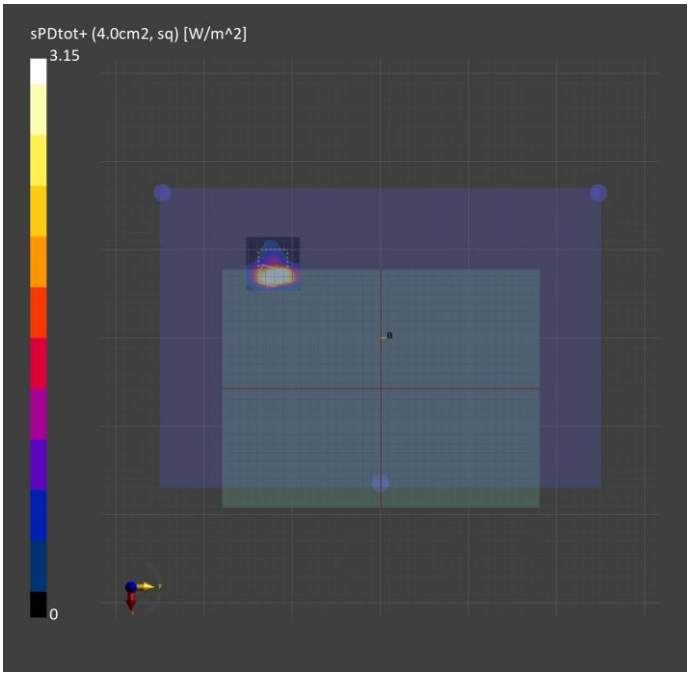
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.69
psPDtot+ [W/m²]	3.03
psPDmod+ [W/m²]	5.21
E_{max} [V/m]	48.3
H_{max} [A/m]	0.413
Power Drift [dB]	-0.11



127_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_2 mm_ANT Aux

Device under Test Properties

Model:H7604J

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	1.0

Hardware Setup

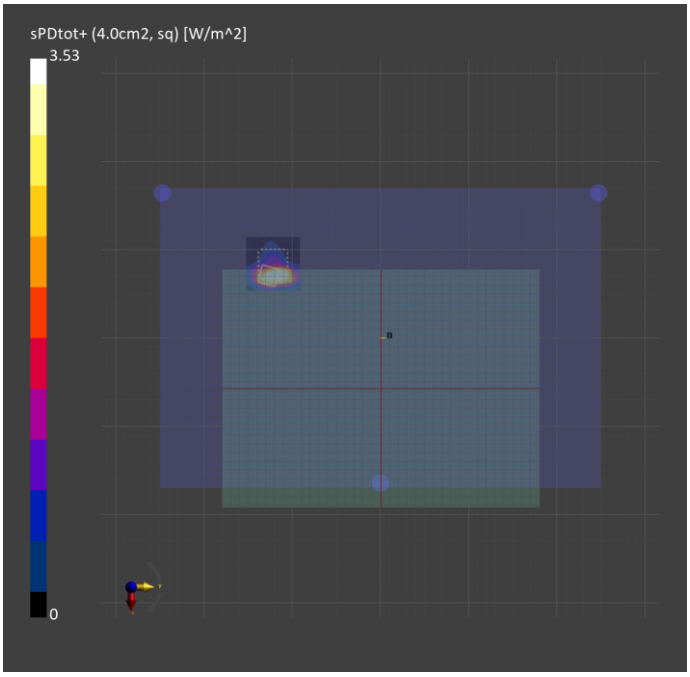
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.81
psPDtot+ [W/m²]	3.36
psPDmod+ [W/m²]	5.63
E_{max} [V/m]	56.9
H_{max} [A/m]	0.495
Power Drift [dB]	-0.08



128_WLAN 6 GHz_802.11ax HE160_Ch175_Bottom of laptop_2 mm_ANT Aux

Device under Test Properties

Model:H7604J

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-7	WLAN, 10755-AAC	6825.0, 175	1.0

Hardware Setup

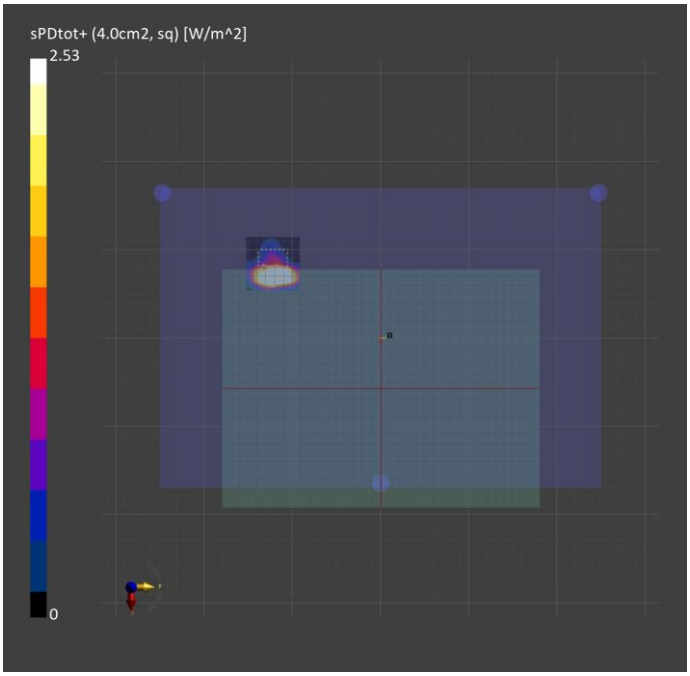
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.42
psPDtot+ [W/m²]	2.42
psPDmod+ [W/m²]	4.29
E_{max} [V/m]	39.6
H_{max} [A/m]	0.381
Power Drift [dB]	-0.01



129_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_2 mm_ANT Aux

Device under Test Properties

Model:H7604J

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

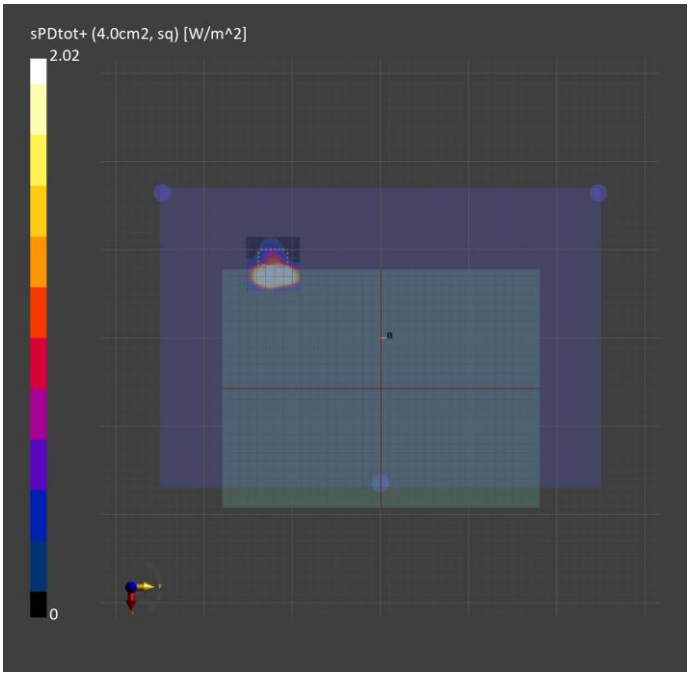
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.21
psPDtot+ [W/m²]	1.93
psPDmod+ [W/m²]	3.67
E_{max} [V/m]	28.1
H_{max} [A/m]	0.298
Power Drift [dB]	-0.09



140_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_2 mm_ANT MIMO

Device under Test Properties

Model:H7604J

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

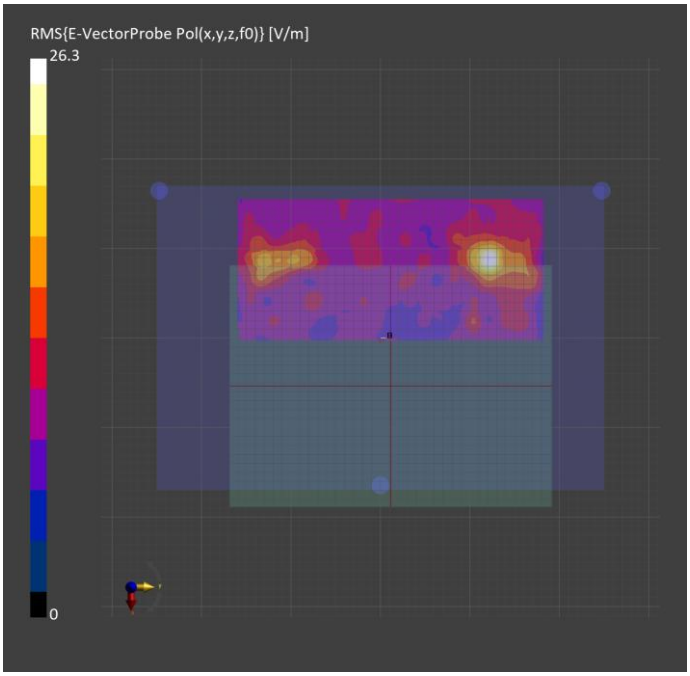
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.15
psPDtot+ [W/m²]	2.82
psPDmod+ [W/m²]	5.07
E_{max} [V/m]	50.7
H_{max} [A/m]	0.502
Power Drift [dB]	0.14



141_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_2 mm_ANT MIMO

Device under Test Properties

Model:H7604J

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	1.0

Hardware Setup

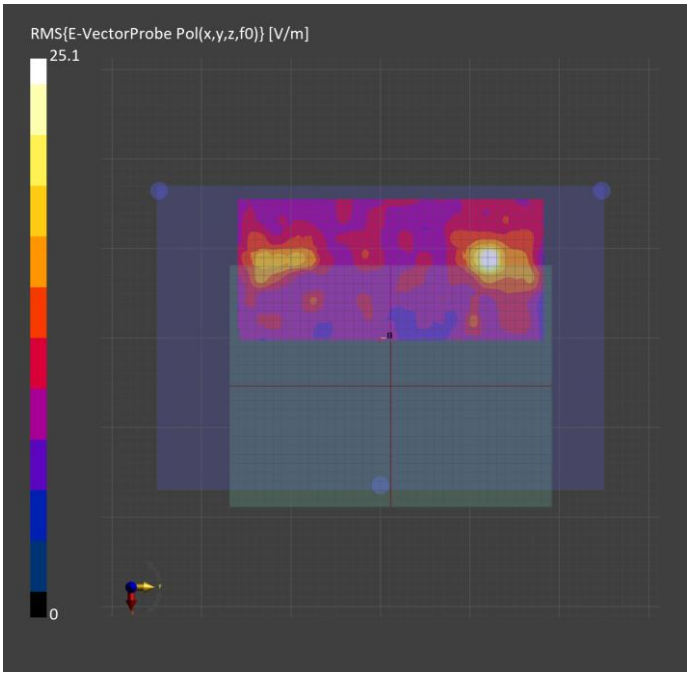
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.11
psPDtot+ [W/m²]	2.38
psPDmod+ [W/m²]	4.51
E_{max} [V/m]	48.3
H_{max} [A/m]	0.472
Power Drift [dB]	-0.03



142_WLAN 6 GHz_802.11ax HE160_Ch79_Bottom of laptop_2 mm_ANT MIMO

Device under Test Properties

Model:H7604J

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

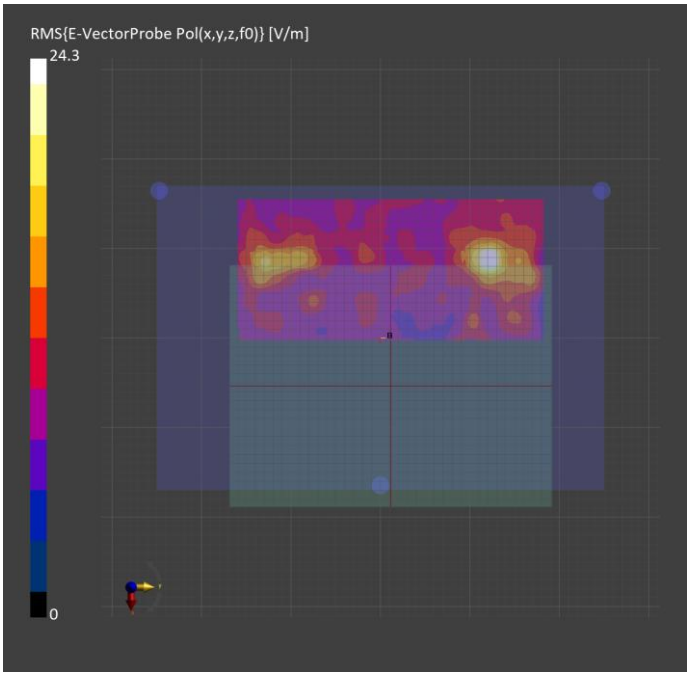
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.07
psPDtot+ [W/m²]	2.64
psPDmod+ [W/m²]	4.81
E_{max} [V/m]	49.6
H_{max} [A/m]	0.489
Power Drift [dB]	-0.05



143_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_2 mm_ANT MIMO

Device under Test Properties

Model:H7604J

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	1.0

Hardware Setup

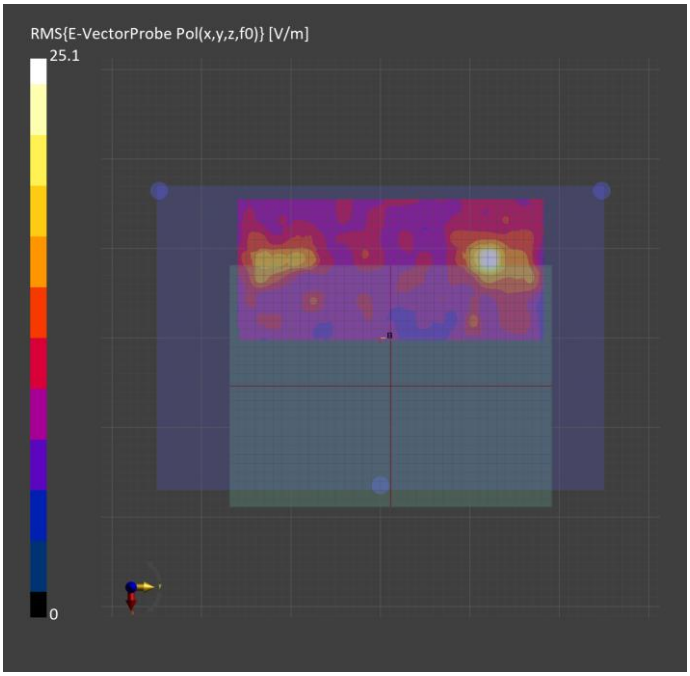
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.04
psPDtot+ [W/m²]	2.53
psPDmod+ [W/m²]	4.77
E_{max} [V/m]	46.5
H_{max} [A/m]	0.452
Power Drift [dB]	0.04



144_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_2 mm_ANT MIMO

Device under Test Properties

Model:H7604J

Exposure Conditions

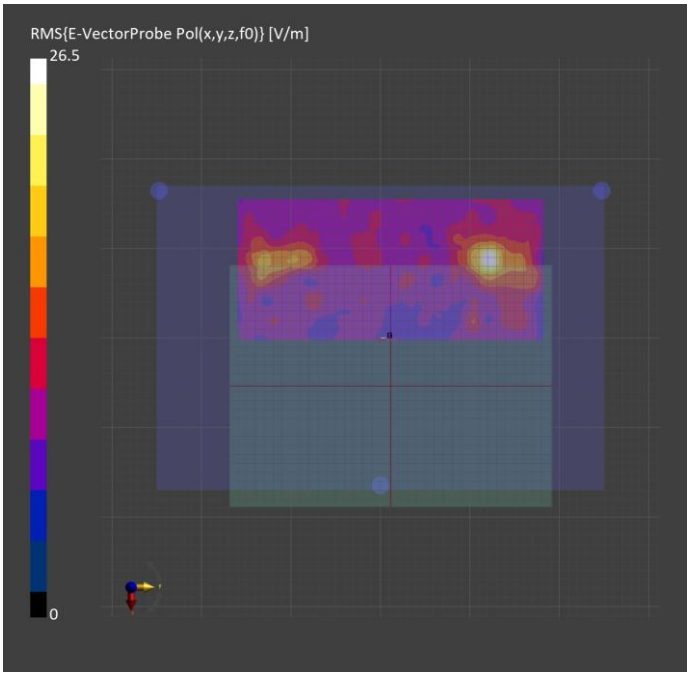
Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.13
psPDtot+ [W/m²]	2.78
psPDmod+ [W/m²]	4.89
E_{max} [V/m]	49.9
H_{max} [A/m]	0.521
Power Drift [dB]	-0.04