

## Appendix C - Highest Measurement Plots

Date: 2022/10/3

**201\_WLAN 2.4 GHz\_802.11b\_Ch1\_Bottom Face\_0 mm\_ANT Main**

**DUT: GV601V**

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1.01  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.722$  S/m;  $\epsilon_r = 38.982$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

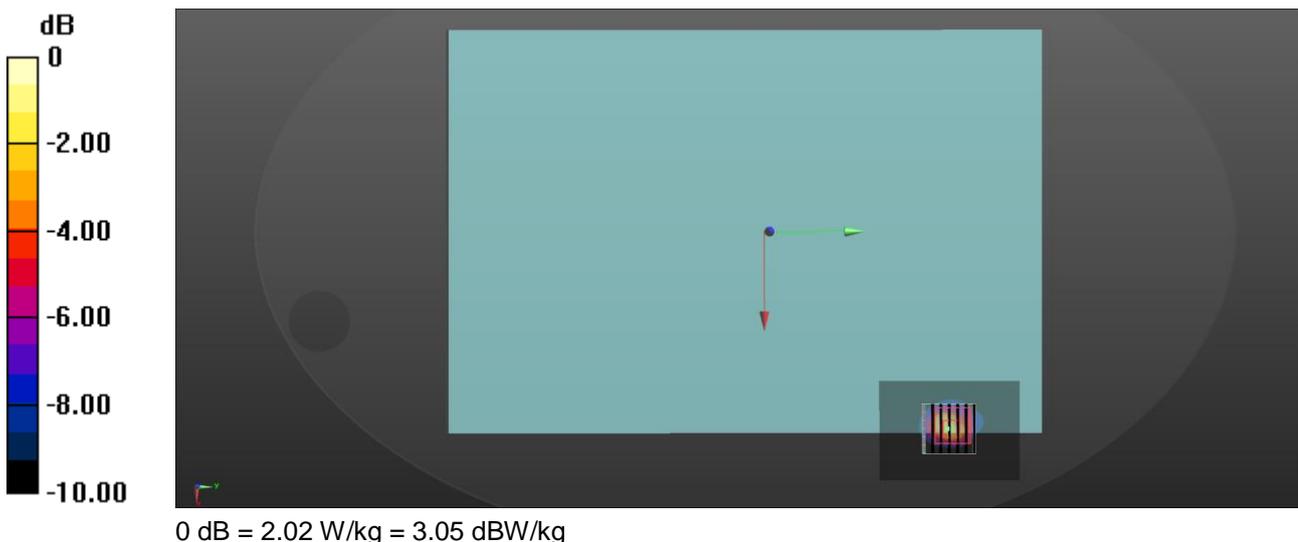
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.51, 7.51, 7.51) @ 2412 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- 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) = 1.67 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 22.99 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 2.75 W/kg

**SAR(1 g) = 1 W/kg; SAR(10 g) = 0.380 W/kg**  
Smallest distance from peaks to all points 3 dB below = 5.1 mm  
Ratio of SAR at M2 to SAR at M1 = 37%  
Maximum value of SAR (measured) = 2.02 W/kg



Date: 2022/10/3

**211\_WLAN 2.4 GHz\_802.11b\_Ch1\_Bottom Face\_0 mm\_ANT Aux**

**DUT: GV601V**

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.01  
 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.722 \text{ S/m}$ ;  $\epsilon_r = 38.982$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section  
 Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

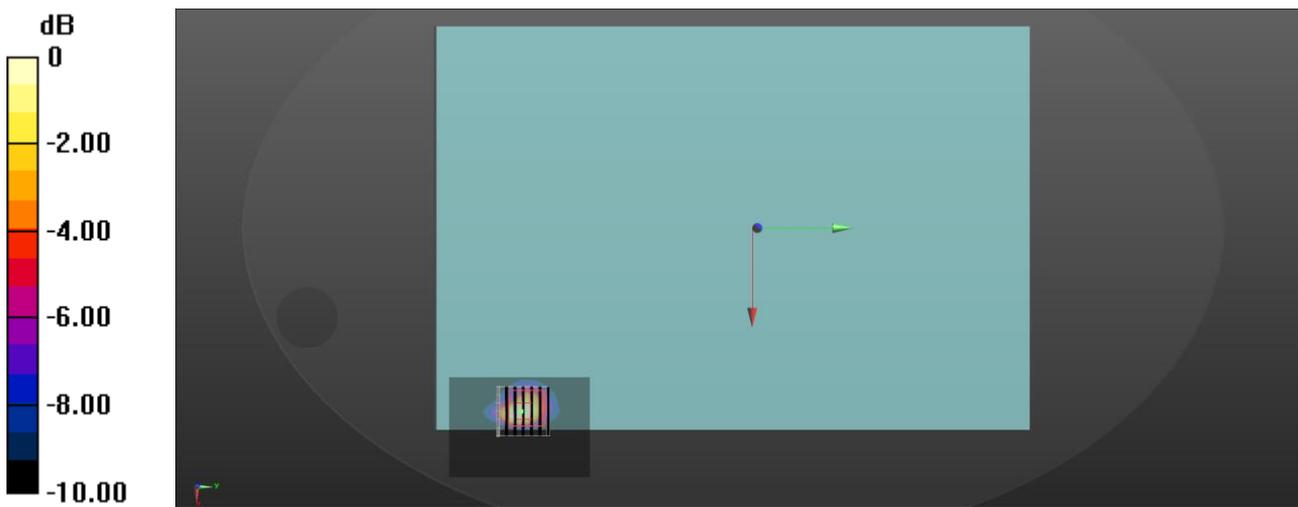
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.51, 7.51, 7.51) @ 2412 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (51x71x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$   
 Maximum value of SAR (interpolated) = 2.08 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 29.68 V/m; Power Drift = -0.08 dB  
 Peak SAR (extrapolated) = 2.46 W/kg

**SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.377 W/kg**  
 Smallest distance from peaks to all points 3 dB below = 5.1 mm  
 Ratio of SAR at M2 to SAR at M1 = 40.1%  
 Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg

Date: 2022/10/3

**219\_WLAN 2.4 GHz\_802.11n HT40\_Ch3\_Bottom Face\_0 mm\_ANT MIMO**

**DUT: GV601V**

Communication System: UID 0, IEEE 802.11n(2.4GHz) (0); Frequency: 2422 MHz;Duty Cycle: 1:1.01  
Medium parameters used:  $f = 2422$  MHz;  $\sigma = 1.733$  S/m;  $\epsilon_r = 38.932$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

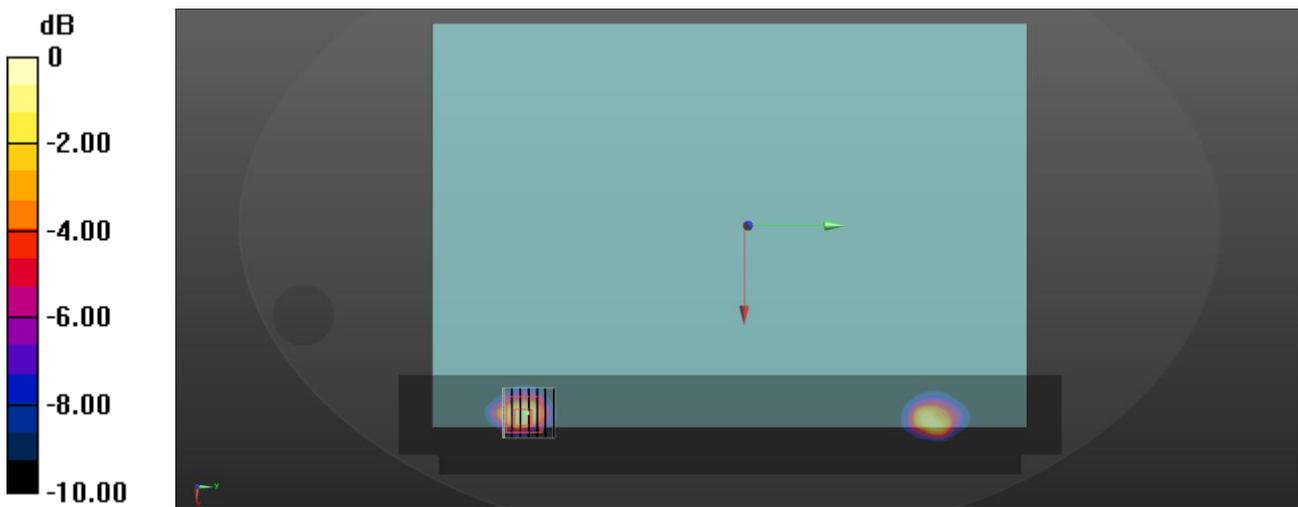
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.51, 7.51, 7.51) @ 2422 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (51x331x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.50 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 32.15 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 2.33 W/kg

**SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.344 W/kg**  
Smallest distance from peaks to all points 3 dB below = 5.8 mm  
Ratio of SAR at M2 to SAR at M1 = 36.9%  
Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.71 W/kg = 2.33 dBW/kg

Date: 2022/10/3

**228\_Bluetooth\_GFSK\_Ch78\_Bottom Face\_0 mm\_ANT Aux**

**DUT: GV601V**

Communication System: UID 0, Bluetooth 3.0 (0); Frequency: 2480 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.794$  S/m;  $\epsilon_r = 38.722$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

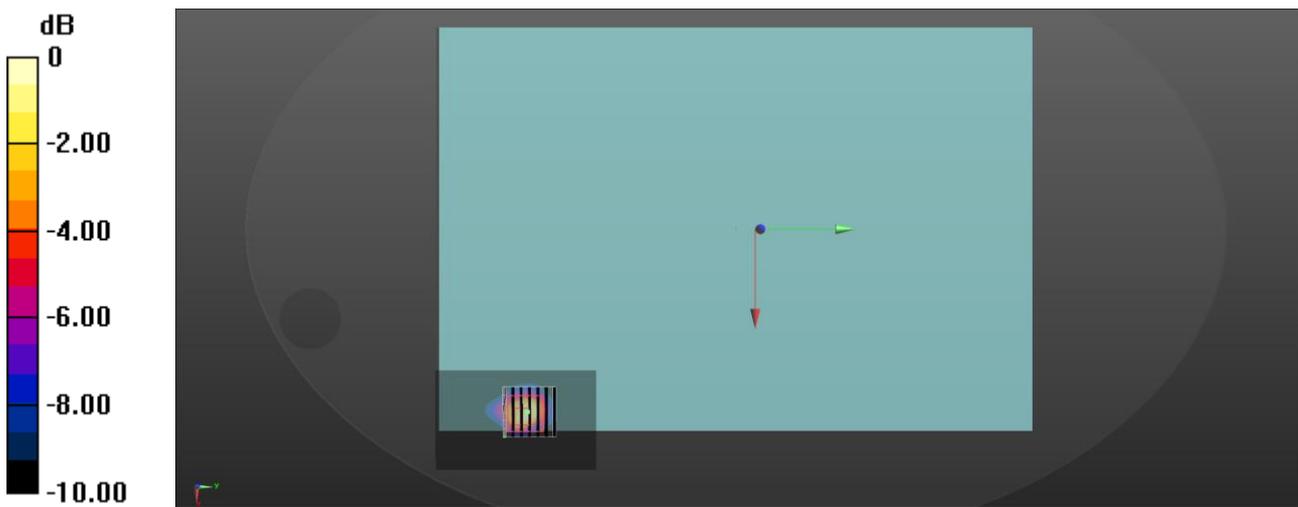
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.51, 7.51, 7.51) @ 2480 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.602 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 17.52 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 0.904 W/kg

**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.098 W/kg**  
Smallest distance from peaks to all points 3 dB below = 5.2 mm  
Ratio of SAR at M2 to SAR at M1 = 39.6%  
Maximum value of SAR (measured) = 0.657 W/kg



Date: 2022/10/4

**238\_WLAN 5 GHz\_802.11ac VHT80\_Ch58\_Bottom Face\_0 mm\_ANT Main**

**DUT: GV601V**

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5290 MHz;Duty Cycle: 1:1.014  
Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.688$  S/m;  $\epsilon_r = 35.358$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

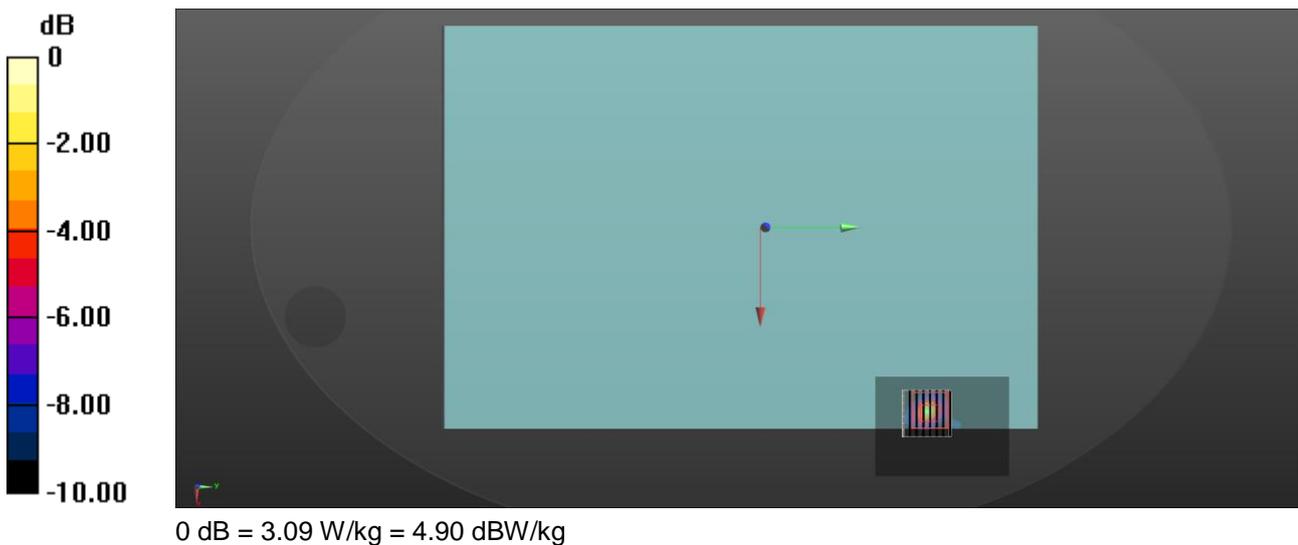
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(5.24, 5.24, 5.24) @ 5290 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- 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) = 2.32 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 19.19 V/m; Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 6.15 W/kg

**SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.236 W/kg**  
Smallest distance from peaks to all points 3 dB below = 4.3 mm  
Ratio of SAR at M2 to SAR at M1 = 57.7%  
Maximum value of SAR (measured) = 3.09 W/kg



Date: 2022/10/4

**245\_WLAN 5 GHz\_802.11ac VHT160\_Ch50\_Bottom Face\_0 mm\_ANT Aux**

**DUT: GV601V**

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz;Duty Cycle: 1:1.018  
Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.645$  S/m;  $\epsilon_r = 35.419$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

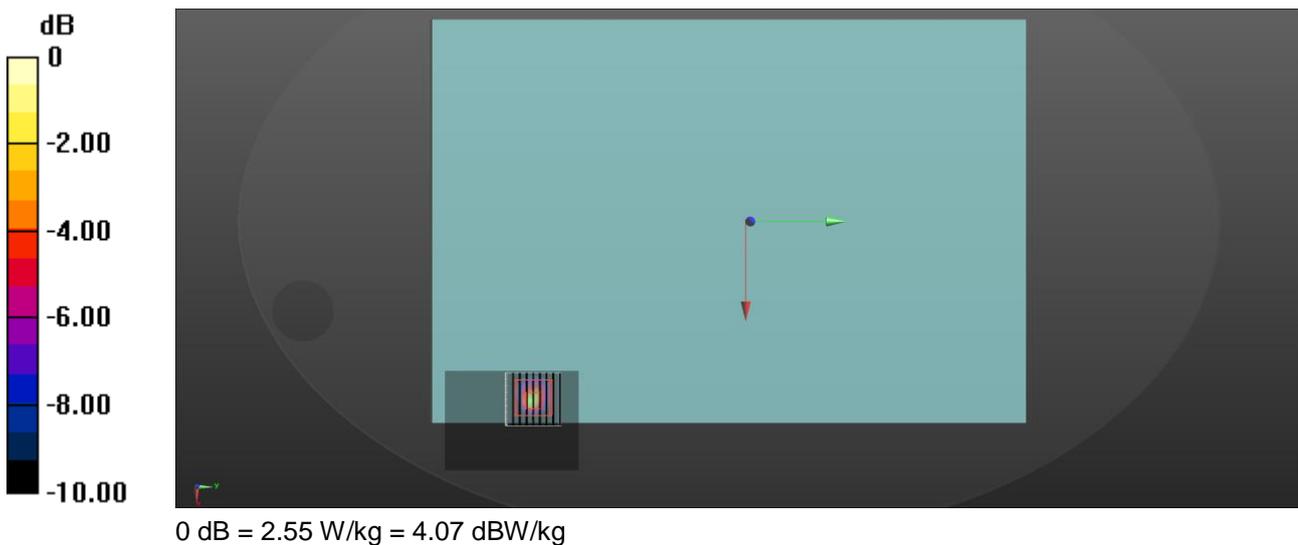
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(5.24, 5.24, 5.24) @ 5250 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- 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) = 2.27 W/kg

**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 14.36 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 6.15 W/kg

**SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.213 W/kg**  
Smallest distance from peaks to all points 3 dB below = 4.2 mm  
Ratio of SAR at M2 to SAR at M1 = 61.4%  
Maximum value of SAR (measured) = 2.55 W/kg



Date: 2022/10/4

**253\_WLAN 5 GHz\_802.11ac VHT160\_Ch50\_Bottom Face\_0 mm\_ANT MIMO**

**DUT: GV601V**

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz;Duty Cycle: 1:1.018  
Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.645$  S/m;  $\epsilon_r = 35.419$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

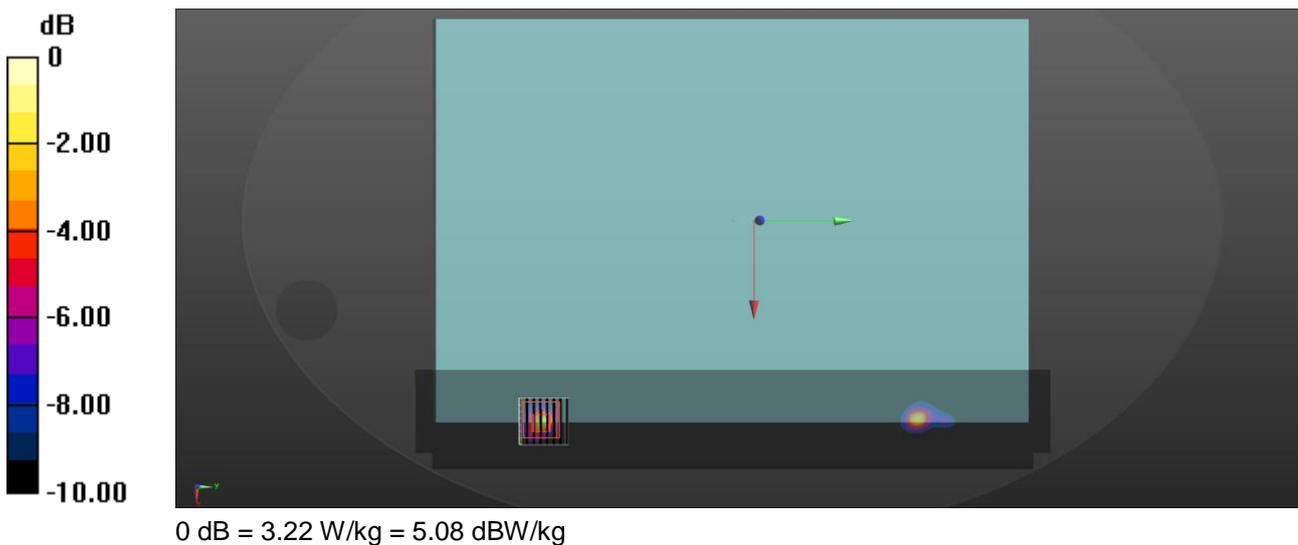
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(5.24, 5.24, 5.24) @ 5250 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x381x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 2.34 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 25.02 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 7.26 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.238 W/kg**  
Smallest distance from peaks to all points 3 dB below = 4.2 mm  
Ratio of SAR at M2 to SAR at M1 = 55.8%  
Maximum value of SAR (measured) = 3.22 W/kg



Date: 2022/10/5

**262\_WLAN 5 GHz\_802.11ac VHT80\_Ch138\_Bottom Face\_0 mm\_ANT Main**

**DUT: GV601V**

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.014  
Medium parameters used:  $f = 5690$  MHz;  $\sigma = 5.129$  S/m;  $\epsilon_r = 35.51$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

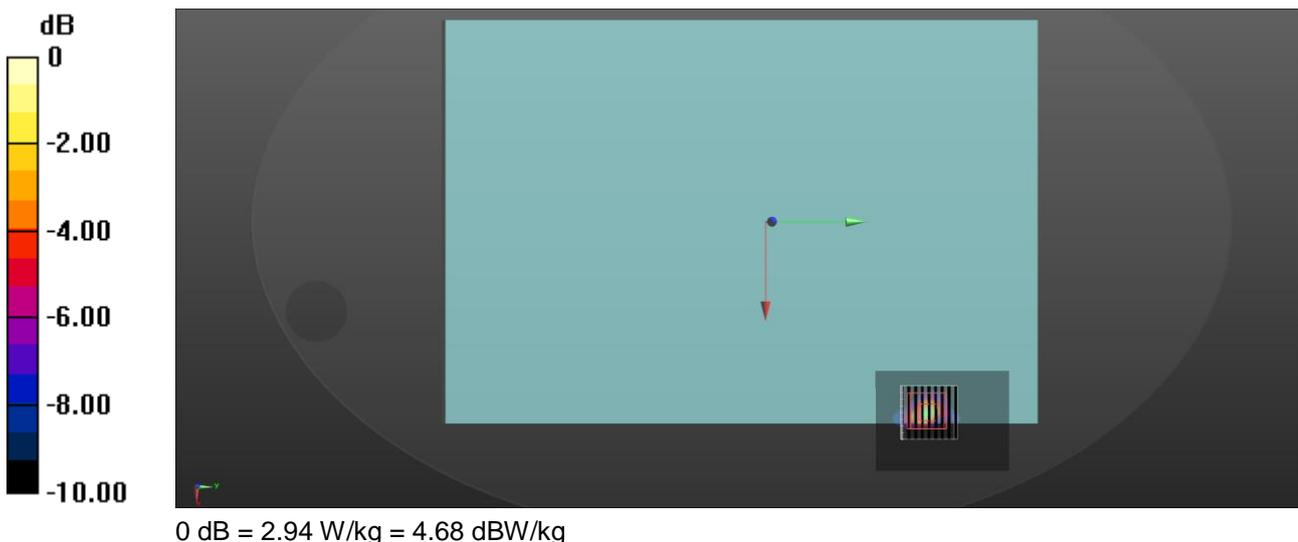
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.9, 4.9, 4.9) @ 5690 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- 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) = 3.17 W/kg

**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 15.53 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 6.08 W/kg

**SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.228 W/kg**  
Smallest distance from peaks to all points 3 dB below = 5.1 mm  
Ratio of SAR at M2 to SAR at M1 = 57.1%  
Maximum value of SAR (measured) = 2.94 W/kg



Date: 2022/10/5

**270\_WLAN 5 GHz\_802.11ac VHT80\_Ch106\_Bottom Face\_0 mm\_ANT Aux**

**DUT: GV601V**

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5530 MHz;Duty Cycle: 1:1.014  
Medium parameters used:  $f = 5530$  MHz;  $\sigma = 4.96$  S/m;  $\epsilon_r = 35.833$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

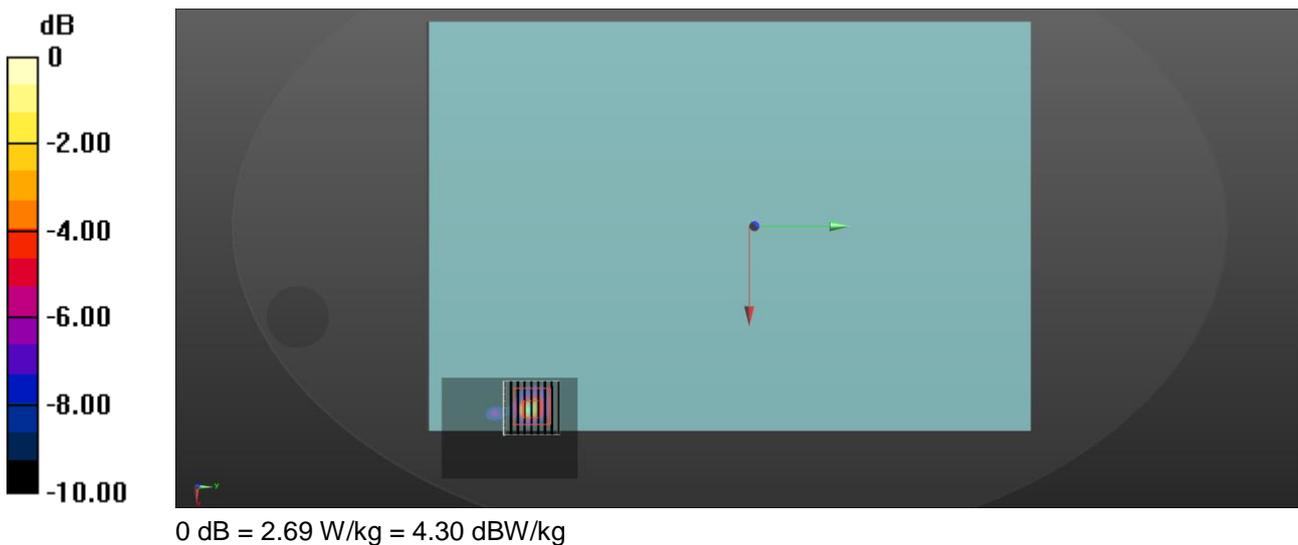
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.68, 4.68, 4.68) @ 5530 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- 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) = 2.57 W/kg

**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 16.63 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 5.79 W/kg

**SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.218 W/kg**  
Smallest distance from peaks to all points 3 dB below = 4.1 mm  
Ratio of SAR at M2 to SAR at M1 = 58%  
Maximum value of SAR (measured) = 2.69 W/kg



Date: 2022/10/6

**301\_WLAN 5 GHz\_802.11ac VHT80\_Ch138\_Bottom Face\_0 mm\_ANT MIMO**

**DUT: GV601V**

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.014  
Medium parameters used:  $f = 5690$  MHz;  $\sigma = 5.208$  S/m;  $\epsilon_r = 36.232$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

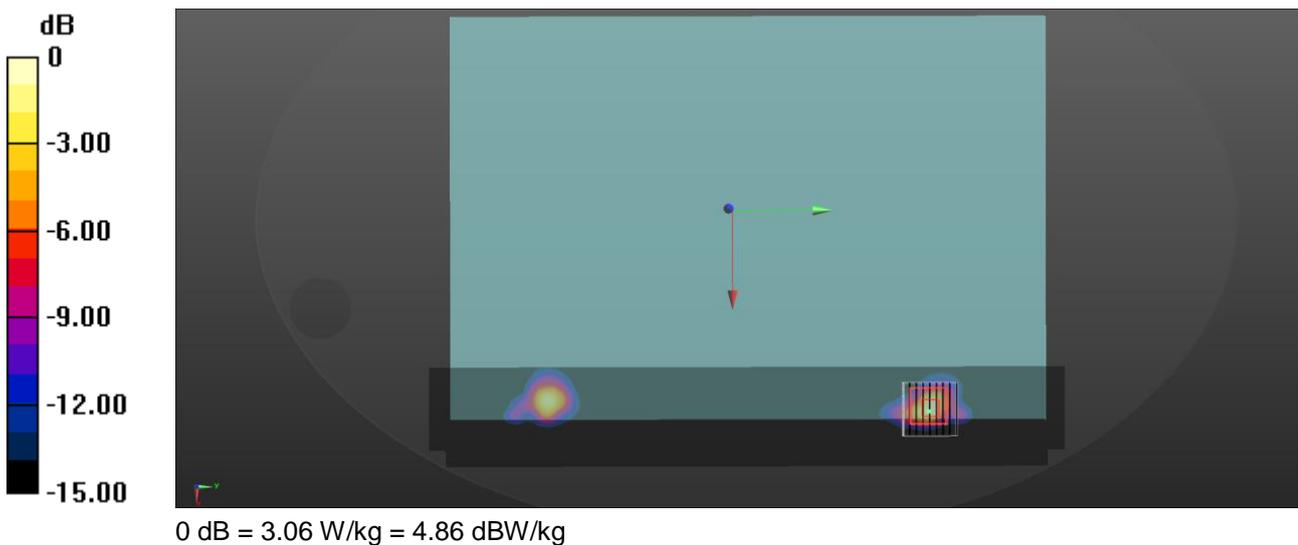
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.9, 4.9, 4.9) @ 5690 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x381x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 2.74 W/kg

**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 25.88 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 6.01 W/kg

**SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.239 W/kg**  
Smallest distance from peaks to all points 3 dB below = 5.1 mm  
Ratio of SAR at M2 to SAR at M1 = 55.7%  
Maximum value of SAR (measured) = 3.06 W/kg



Date: 2022/10/7

**309\_WLAN 5 GHz\_802.11ac VHT80\_Ch155\_Bottom Face\_0 mm\_ANT Main**

**DUT: GV601V**

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.014  
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.29$  S/m;  $\epsilon_r = 36.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

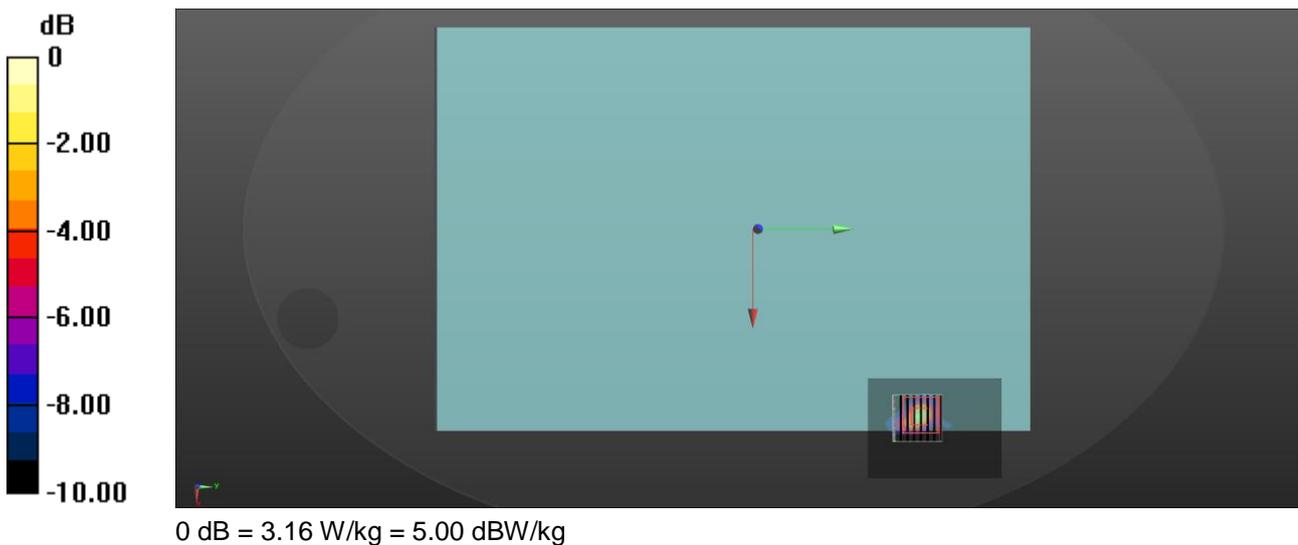
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.9, 4.9, 4.9) @ 5775 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- 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) = 2.84 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 16.46 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 7.06 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.251 W/kg**  
Smallest distance from peaks to all points 3 dB below = 4.7 mm  
Ratio of SAR at M2 to SAR at M1 = 57.1%  
Maximum value of SAR (measured) = 3.16 W/kg



Date: 2022/10/7

**318\_WLAN 5 GHz\_802.11n HT40\_Ch159\_Bottom Face\_0 mm\_ANT Aux**

**DUT: GV601V**

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5795 MHz;Duty Cycle: 1:1.014  
Medium parameters used: f = 5795 MHz;  $\sigma = 5.313$  S/m;  $\epsilon_r = 36.341$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

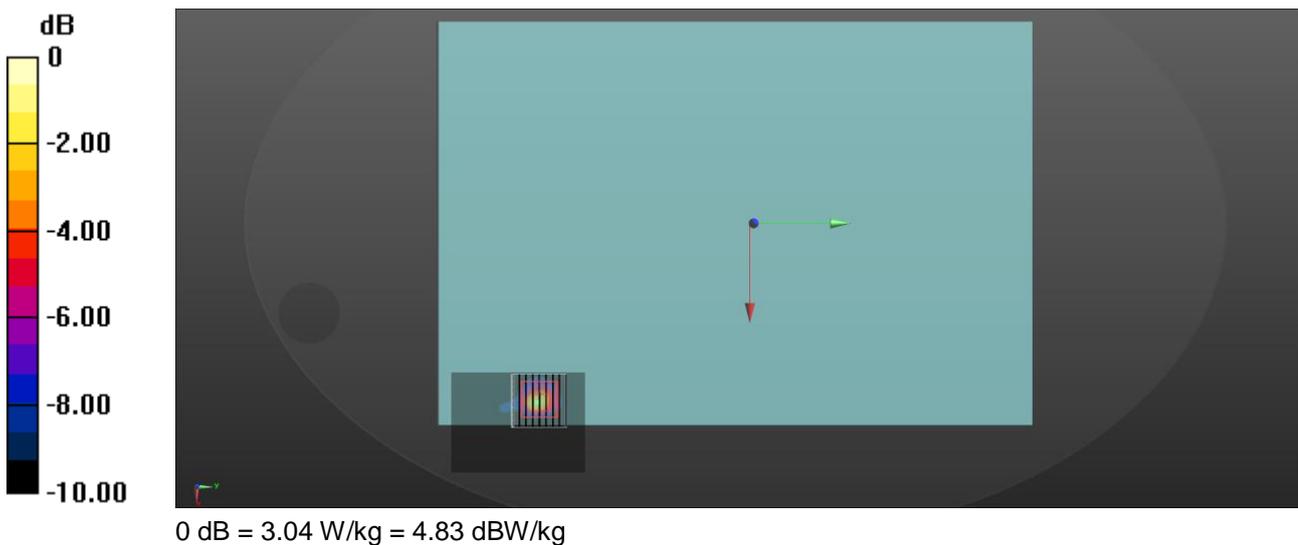
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.9, 4.9, 4.9) @ 5795 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- 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) = 2.64 W/kg

**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 15.58 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 6.80 W/kg

**SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.225 W/kg**  
Smallest distance from peaks to all points 3 dB below = 4.2 mm  
Ratio of SAR at M2 to SAR at M1 = 55.2%  
Maximum value of SAR (measured) = 3.04 W/kg



Date: 2022/10/7

**325\_WLAN 5 GHz\_802.11ac VHT80\_Ch155\_Bottom Face\_0 mm\_ANT MIMO**

**DUT: GV601V**

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.014  
Medium parameters used: f = 5775 MHz;  $\sigma = 5.29$  S/m;  $\epsilon_r = 36.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

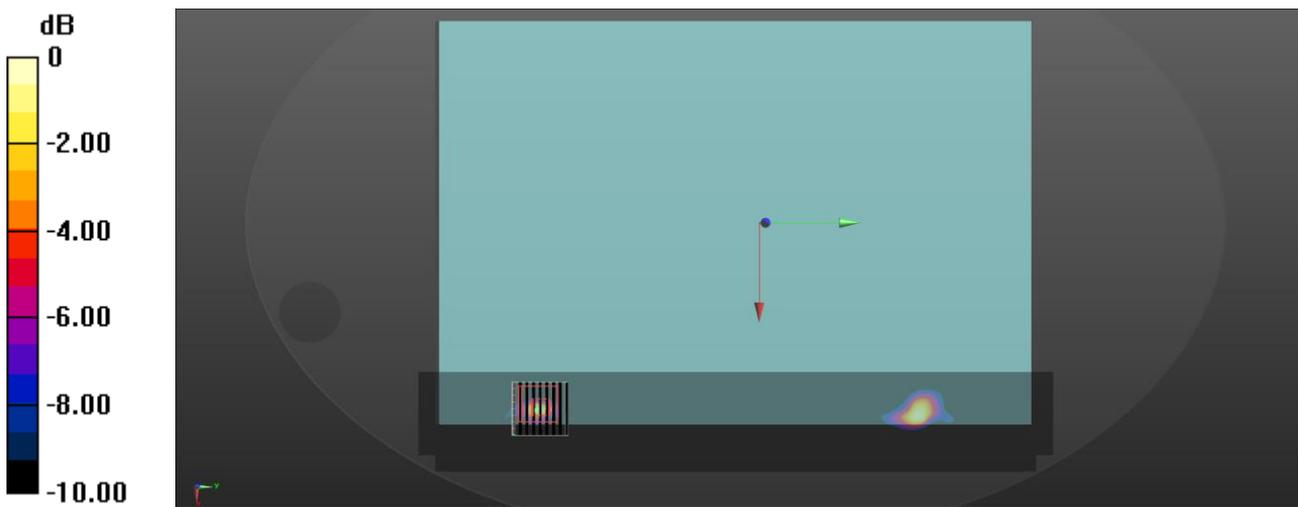
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.9, 4.9, 4.9) @ 5775 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x381x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 2.88 W/kg

**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 24.42 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 7.32 W/kg

**SAR(1 g) = 0.984 W/kg; SAR(10 g) = 0.234 W/kg**  
Smallest distance from peaks to all points 3 dB below = 4.6 mm  
Ratio of SAR at M2 to SAR at M1 = 55.7%  
Maximum value of SAR (measured) = 2.86 W/kg



0 dB = 2.86 W/kg = 4.56 dBW/kg

333\_WLAN 6 GHz\_802.11ax HE160\_Ch15\_Bottom Face\_0 mm\_ANT Main

Device under Test Properties

Model: GV601V

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 Face 0.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	5.5	5.44	36.0

Hardware Setup

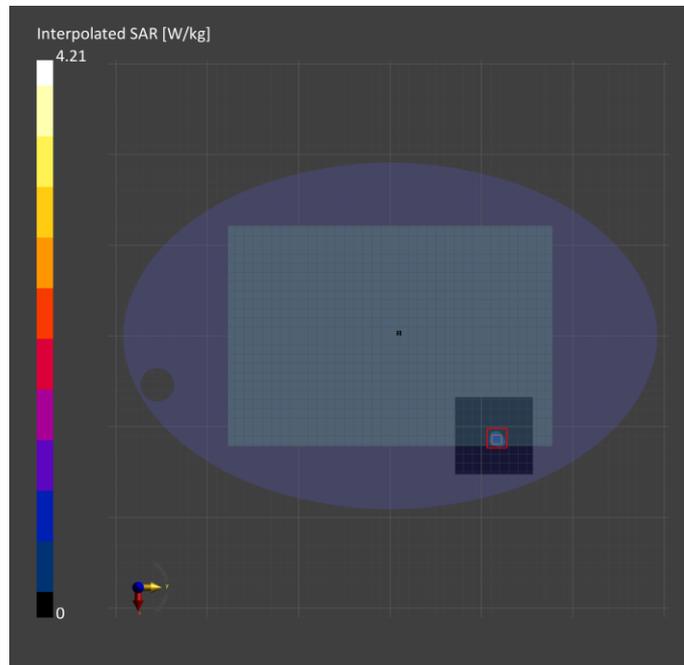
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

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	2022-09-30	2022-09-30
psSAR1g [W/Kg]	0.526	0.743
psSAR10g [W/Kg]	0.150	0.181
psPDab (1.0cm2, sq) [W/m2]		7.43
psPDab (4.0cm2, sq) [W/m2]		4.30
Power Drift [dB]	0.01	0.02
TSL Correction	Positive only	Positive only
M2/M1 [%]		48.1
Dist 3dB Peak [mm]		3.8



334\_WLAN 6 GHz\_802.11ax HE160\_Ch111\_Bottom Face\_0 mm\_ANT Main

Device under Test Properties

Model: GV601V

Exposure Conditions

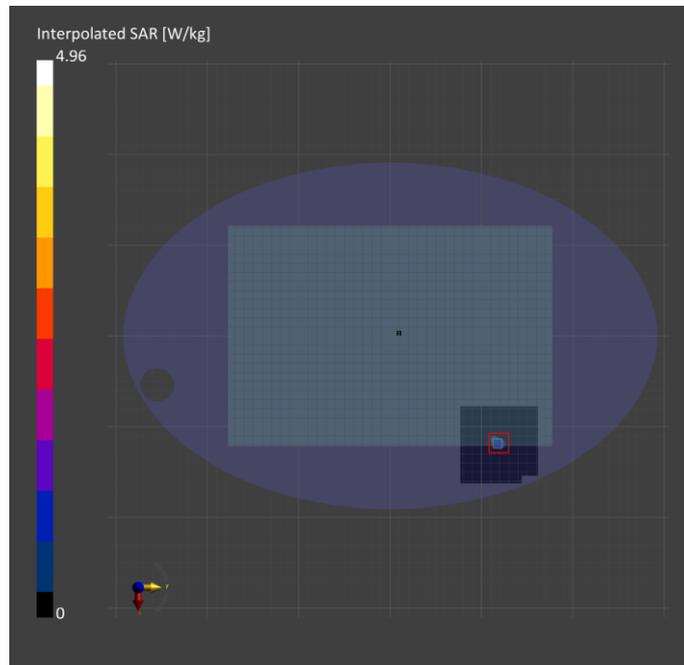
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Face 0.00	U-NII-6	WLAN, 10743-AAC	6505.0, 111	5.5	6.03	35.2

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	Measurement Results	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0	Date	2022-09-30	2022-09-30
Grid Steps [mm]	8.5 x 8.5	3.2 x 3.2 x 1.2	psSAR1g [W/Kg]	0.674	0.771
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/Kg]	0.159	0.164
			psPDab (1.0cm2, sq) [W/m2]		7.71
			psPDab (4.0cm2, sq) [W/m2]		3.94
			Power Drift [dB]	-0.06	-0.14
			TSL Correction	Positive only	Positive only
			M2/M1 [%]		53.4
			Dist 3dB Peak [mm]		3.9



335\_WLAN 6 GHz\_802.11ax HE160\_Ch143\_Bottom Face\_0 mm\_ANT Main

Device under Test Properties

Model: GV601V

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 Face 0.00	U-NII-7	WLAN, 10743-AAC	6665.0, 143	5.5	6.27	34.7

Hardware Setup

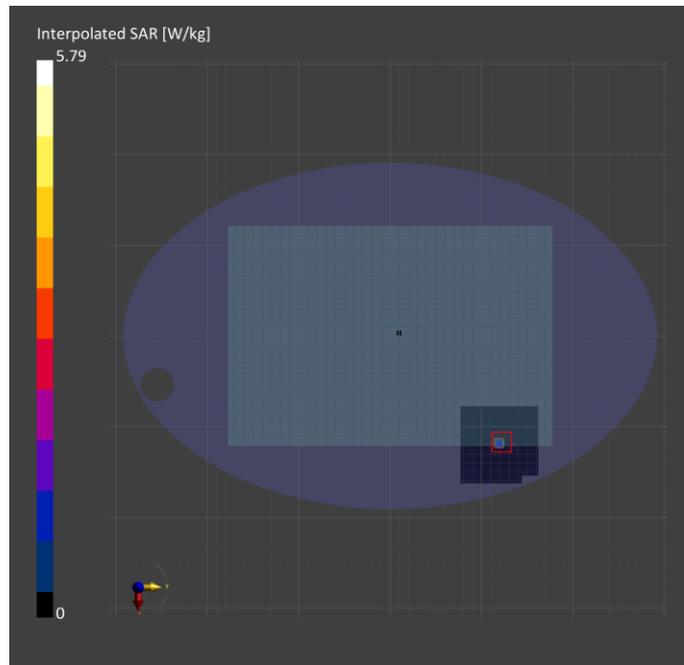
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

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	3.0 x 3.0 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-09-30	2022-09-30
psSAR1g [W/Kg]	0.683	0.801
psSAR10g [W/Kg]	0.145	0.153
psPDab (1.0cm2, sq) [W/m2]		8.01
psPDab (4.0cm2, sq) [W/m2]		3.66
Power Drift [dB]	0.12	-0.03
TSL Correction	Positive only	Positive only
M2/M1 [%]		52.4
Dist 3dB Peak [mm]		4.0



336\_WLAN 6 GHz\_802.11ax HE160\_Ch175\_Bottom Face\_0 mm\_ANT Main

Device under Test Properties

Model: GV601V

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 Face 0.00	U-NII-7	WLAN, 10743-AAC	6825.0, 175	5.5	6.48	34.7

Hardware Setup

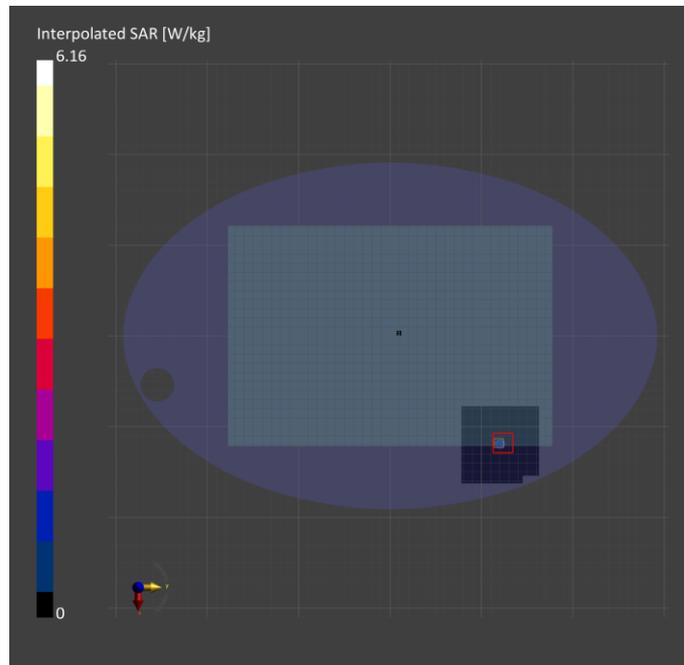
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

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	3.1 x 3.1 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-09-30	2022-09-30
psSAR1g [W/Kg]	0.715	0.800
psSAR10g [W/Kg]	0.147	0.152
psPDab (1.0cm2, sq) [W/m2]		8.00
psPDab (4.0cm2, sq) [W/m2]		3.64
Power Drift [dB]	0.13	-0.05
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.5
Dist 3dB Peak [mm]		3.9



337\_WLAN 6 GHz\_802.11ax HE160\_Ch207\_Bottom Face\_0 mm\_ANT Main

Device under Test Properties

Model: GV601V

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 Face, 0.00	U-NII-8	WLAN, 10743-AAC	6985.0, 207	5.5	6.62	34.1

Hardware Setup

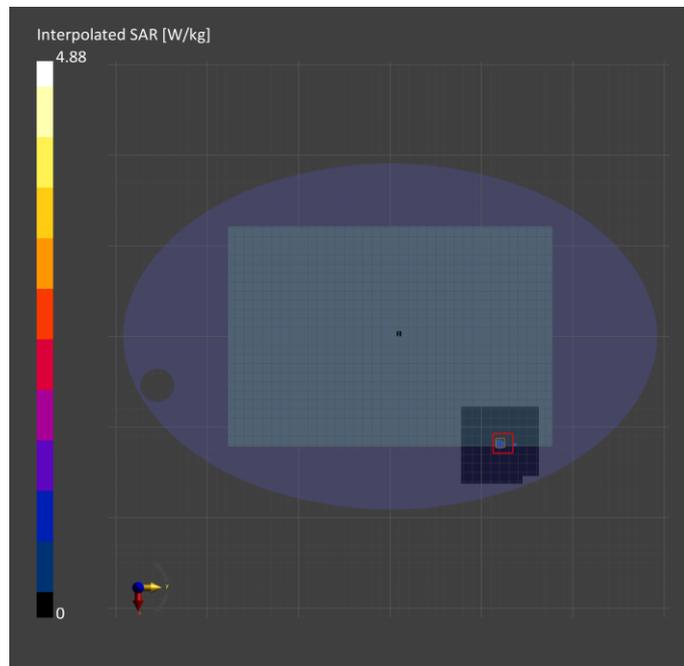
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

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	3.1 x 3.1 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-09-30	2022-09-30
psSAR1g [W/Kg]	0.553	0.615
psSAR10g [W/Kg]	0.112	0.117
psPDab (1.0cm2, sq) [W/m2]		6.15
psPDab (4.0cm2, sq) [W/m2]		2.78
Power Drift [dB]	0.10	-0.01
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.8
Dist 3dB Peak [mm]		3.9



344\_WLAN 6 GHz\_802.11ax HE160\_Ch47\_Bottom Face\_0 mm\_ANT Aux

Device under Test Properties

Model: GV601V

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 Face, 0.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	5.5	5.53	36.0

Hardware Setup

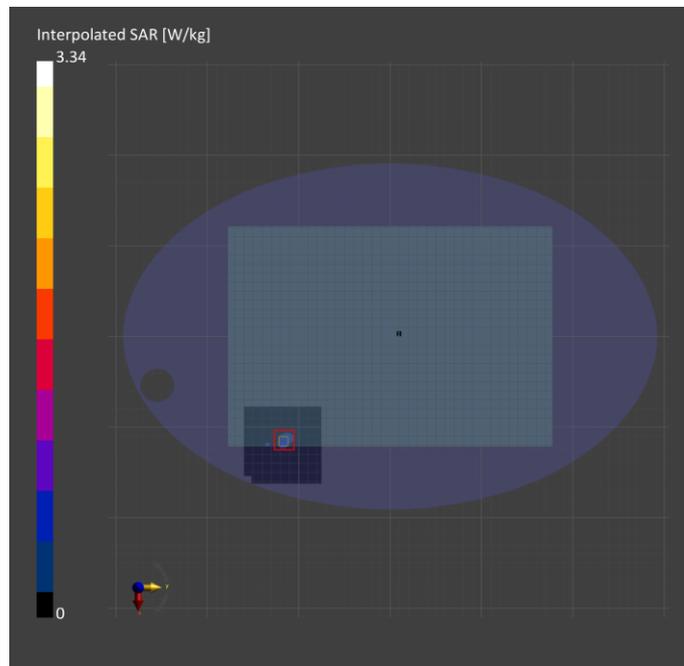
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

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	2022-09-30	2022-09-30
psSAR1g [W/Kg]	0.453	0.587
psSAR10g [W/Kg]	0.121	0.131
psPDab (1.0cm2, sq) [W/m2]		5.87
psPDab (4.0cm2, sq) [W/m2]		3.16
Power Drift [dB]	-0.03	-0.01
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.9
Dist 3dB Peak [mm]		4.0



345\_WLAN 6 GHz\_802.11ax HE160\_Ch79\_Bottom Face\_0 mm\_ANT Aux

Device under Test Properties

Model: GV601V

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 Face 0.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	5.5	5.86	35.4

Hardware Setup

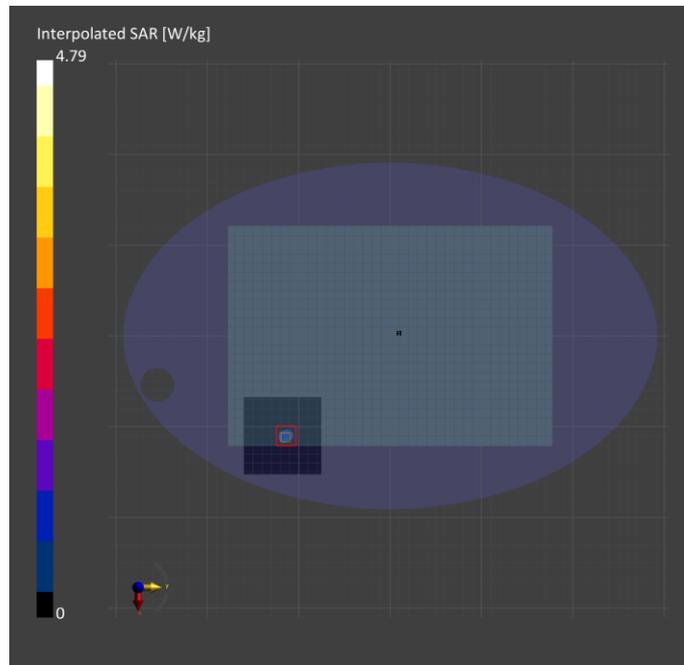
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

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	2022-09-30	2022-09-30
psSAR1g [W/Kg]	0.605	0.786
psSAR10g [W/Kg]	0.151	0.184
psPDab (1.0cm2, sq) [W/m2]		7.86
psPDab (4.0cm2, sq) [W/m2]		4.40
Power Drift [dB]	0.09	-0.14
TSL Correction	Positive only	Positive only
M2/M1 [%]		49.6
Dist 3dB Peak [mm]		4.0



346\_WLAN 6 GHz\_802.11ax HE160\_Ch111\_Bottom Face\_0 mm\_ANT Aux

Device under Test Properties

Model: GV601V

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 Face, 0.00	U-NII-6	WLAN, 10743-AAC	6505.0, 111	5.5	6.03	35.2

Hardware Setup

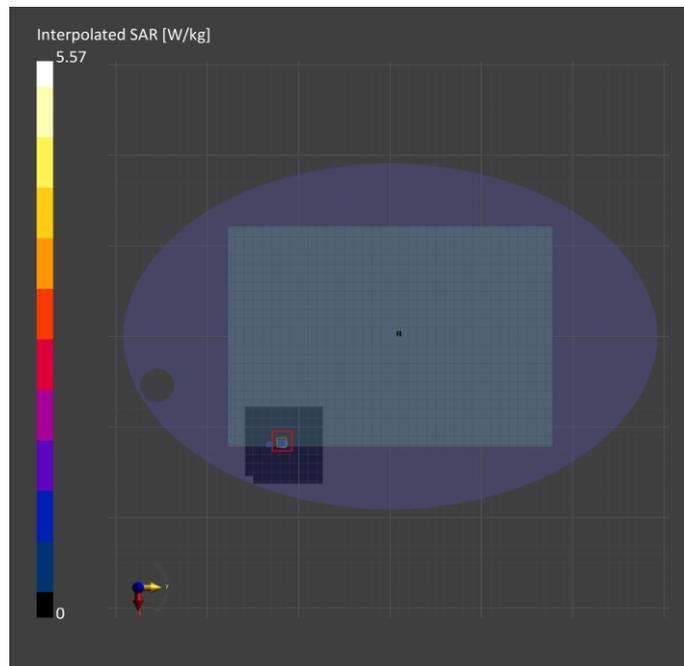
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

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	2022-09-30	2022-09-30
psSAR1g [W/Kg]	0.574	0.817
psSAR10g [W/Kg]	0.149	0.153
psPDab (1.0cm2, sq) [W/m2]		8.17
psPDab (4.0cm2, sq) [W/m2]		3.69
Power Drift [dB]	0.05	-0.01
TSL Correction	Positive only	Positive only
M2/M1 [%]		49.2
Dist 3dB Peak [mm]		3.7



347\_WLAN 6 GHz\_802.11ax HE160\_Ch175\_Bottom Face\_0 mm\_ANT Aux

Device under Test Properties

Model: GV601V

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 Face, 0.00	U-NII-7	WLAN, 10743-AAC	6825.0, 175	5.5	6.48	34.7

Hardware Setup

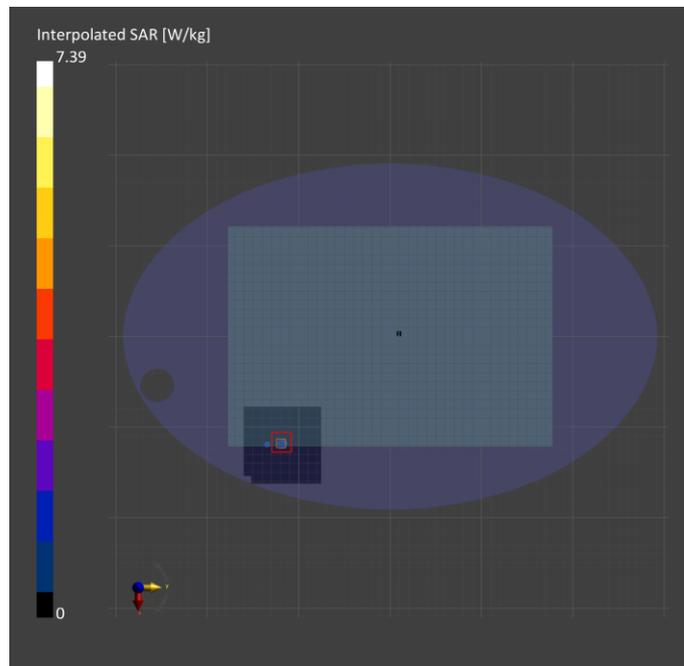
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

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 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-09-30	2022-09-30
psSAR1g [W/Kg]	0.825	0.921
psSAR10g [W/Kg]	0.189	0.179
psPDab (1.0cm2, sq) [W/m2]		9.87
psPDab (4.0cm2, sq) [W/m2]		4.32
Power Drift [dB]	0.03	-0.02
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.5
Dist 3dB Peak [mm]		4.1



348\_WLAN 6 GHz\_802.11ax HE160\_Ch207\_Bottom Face\_0 mm\_ANT Aux

Device under Test Properties

Model: GV601V

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 Face, 0.00	U-NII-8	WLAN, 10743-AAC	6985.0, 207	5.5	6.62	34.1

Hardware Setup

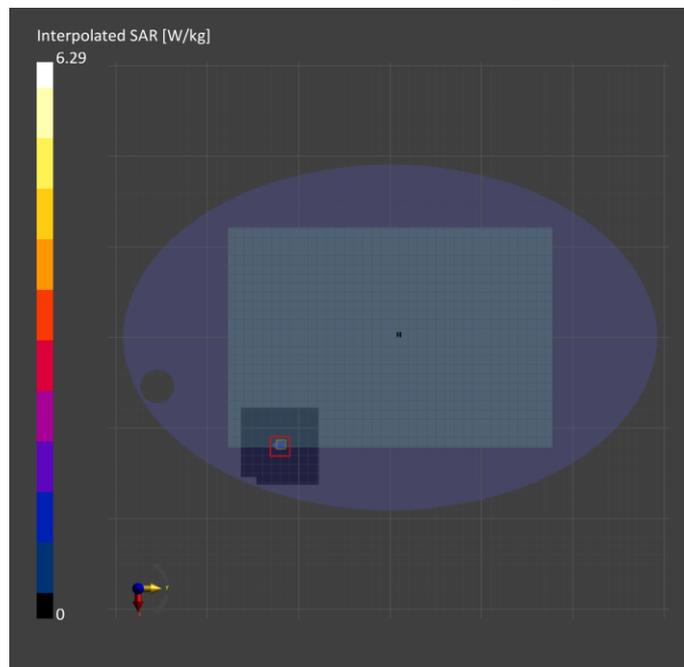
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

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	3.1 x 3.1 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-09-30	2022-09-30
psSAR1g [W/Kg]	0.736	0.786
psSAR10g [W/Kg]	0.165	0.143
psPDab (1.0cm2, sq) [W/m2]		7.86
psPDab (4.0cm2, sq) [W/m2]		3.48
Power Drift [dB]	0.10	-0.08
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.5
Dist 3dB Peak [mm]		3.9



355\_WLAN 6 GHz\_802.11ax HE160\_Ch15\_Bottom Face\_0 mm\_ANT MIMO

Device under Test Properties

Model: GV601V

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 Face, 0.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	5.5	5.40	34.7

Hardware Setup

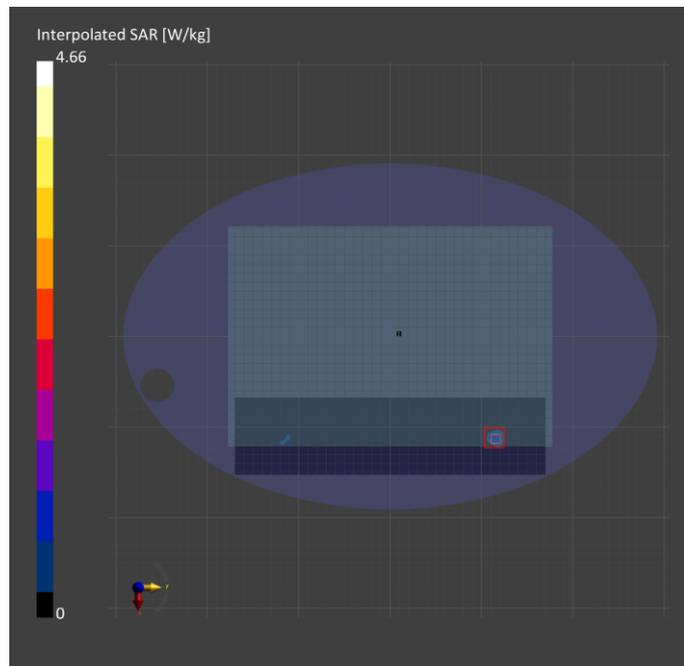
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 340.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.2 x 3.2 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-01	2022-10-01
psSAR1g [W/Kg]	0.629	0.869
psSAR10g [W/Kg]	0.189	0.211
psPDab (1.0cm2, sq) [W/m2]		8.69
psPDab (4.0cm2, sq) [W/m2]		5.03
Power Drift [dB]	-0.02	-0.01
TSL Correction	Positive only	Positive only
M2/M1 [%]		58.2
Dist 3dB Peak [mm]		3.4



356\_WLAN 6 GHz\_802.11ax HE160\_Ch79\_Bottom Face\_0 mm\_ANT MIMO

Device under Test Properties

Model: GV601V

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 Face, 0.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	5.5	5.84	34.1

Hardware Setup

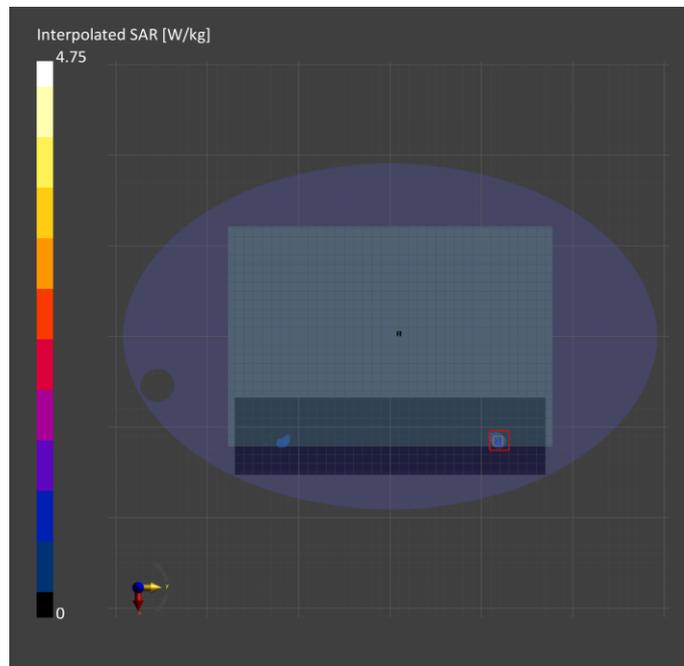
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 340.0	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	2022-10-01	2022-10-01
psSAR1g [W/Kg]	0.715	0.868
psSAR10g [W/Kg]	0.192	0.213
psPDab (1.0cm2, sq) [W/m2]		8.68
psPDab (4.0cm2, sq) [W/m2]		5.08
Power Drift [dB]	0.02	-0.01
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.4
Dist 3dB Peak [mm]		4.3



357\_WLAN 6 GHz\_802.11ax HE160\_Ch111\_Bottom Face\_0 mm\_ANT MIMO

Device under Test Properties

Model: GV601V

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 Face, 0.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	5.5	5.97	33.9

Hardware Setup

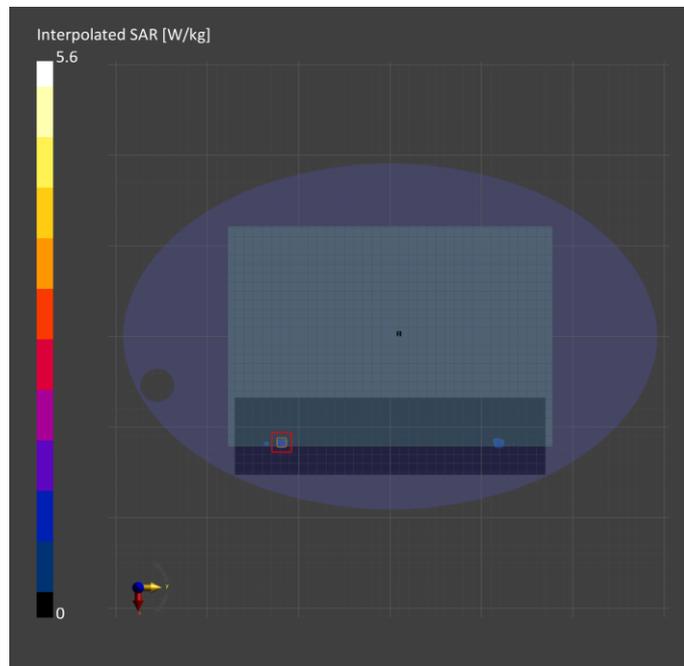
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 340.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	2.8 x 2.8 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-01	2022-10-01
psSAR1g [W/Kg]	0.718	0.832
psSAR10g [W/Kg]	0.156	0.156
psPDab (1.0cm2, sq) [W/m2]		8.32
psPDab (4.0cm2, sq) [W/m2]		3.77
Power Drift [dB]	0.01	-0.05
TSL Correction	Positive only	Positive only
M2/M1 [%]		56.0
Dist 3dB Peak [mm]		4.1



358\_WLAN 6 GHz\_802.11ax HE160\_Ch143\_Bottom Face\_0 mm\_ANT MIMO

Device under Test Properties

Model: GV601V

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 Face, 0.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.5	6.17	33.4

Hardware Setup

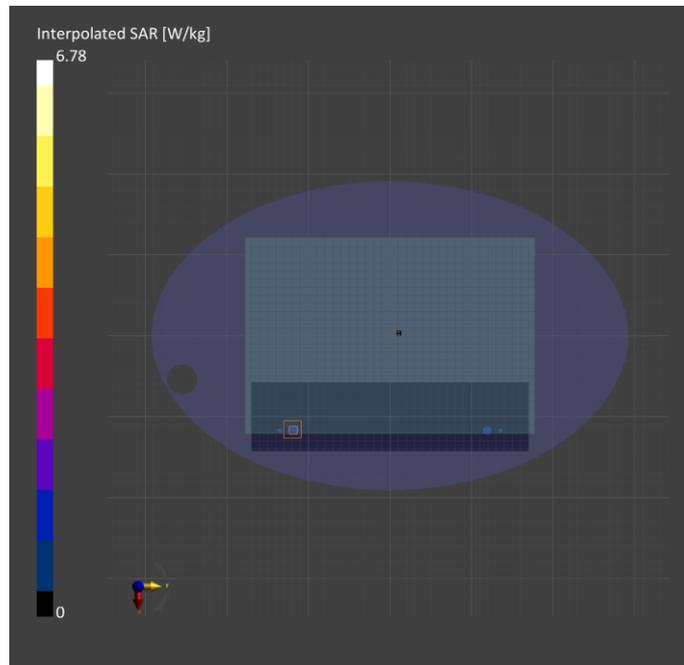
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 340.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.1 x 3.1 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-01	2022-10-01
psSAR1g [W/Kg]	0.919	0.940
psSAR10g [W/Kg]	0.182	0.179
psPDab (1.0cm2, sq) [W/m2]		9.40
psPDab (4.0cm2, sq) [W/m2]		4.30
Power Drift [dB]	-0.11	-0.05
TSL Correction	Positive only	Positive only
M2/M1 [%]		52.9
Dist 3dB Peak [mm]		3.7



359\_WLAN 6 GHz\_802.11ax HE160\_Ch207\_Bottom Face\_0 mm\_ANT MIMO

Device under Test Properties

Model: GV601V

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 Face, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.5	6.51	32.9

Hardware Setup

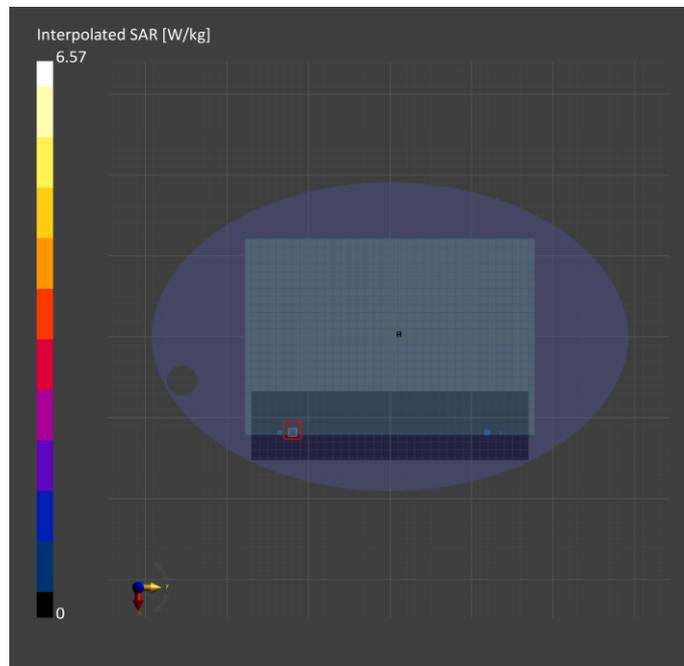
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 340.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.0 x 3.0 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-01	2022-10-01
psSAR1g [W/Kg]	0.733	0.822
psSAR10g [W/Kg]	0.155	0.148
psPDab (1.0cm2, sq) [W/m2]		8.22
psPDab (4.0cm2, sq) [W/m2]		3.59
Power Drift [dB]	-0.08	-0.01
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.9
Dist 3dB Peak [mm]		3.8



101\_WLAN 6 GHz\_802.11ax HE160\_Ch15\_Bottom Face\_2 mm\_ANT Main

Device under Test Properties

Model:GV601V

Exposure Conditions

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

Hardware Setup

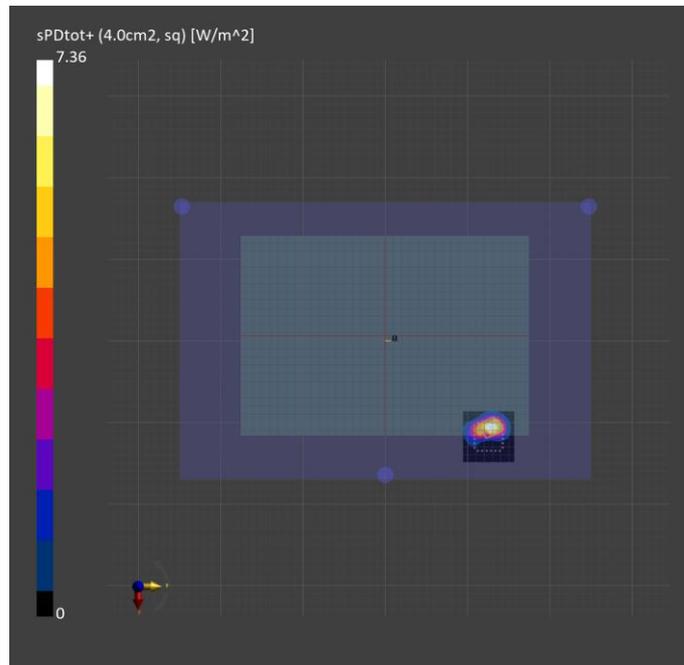
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

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	2022-09-27
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	2.70
psPDtot+ [W/m <sup>2</sup> ]	6.92
psPDmod+ [W/m <sup>2</sup> ]	16.5
E <sub>max</sub> [V/m]	123
H <sub>max</sub> [A/m]	0.691
Power Drift [dB]	-0.14



102\_WLAN 6 GHz\_802.11ax HE160\_Ch111\_Bottom Face\_2 mm\_ANT Main

Device under Test Properties

Model:GV601V

Exposure Conditions

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

Hardware Setup

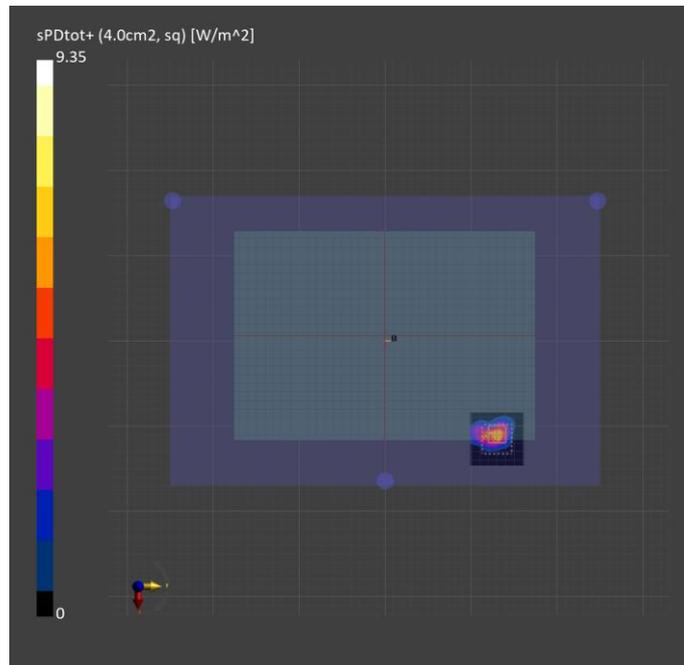
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

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	2022-09-27
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	3.51
psPDtot+ [W/m <sup>2</sup> ]	6.10
psPDmod+ [W/m <sup>2</sup> ]	18.9
E <sub>max</sub> [V/m]	120
H <sub>max</sub> [A/m]	0.738
Power Drift [dB]	-0.01



103\_WLAN 6 GHz\_802.11ax HE160\_Ch143\_Bottom Face\_2 mm\_ANT Main

Device under Test Properties

Model:GV601V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-7	WLAN, 10743-AAC	6665.0, 143	1.0

Hardware Setup

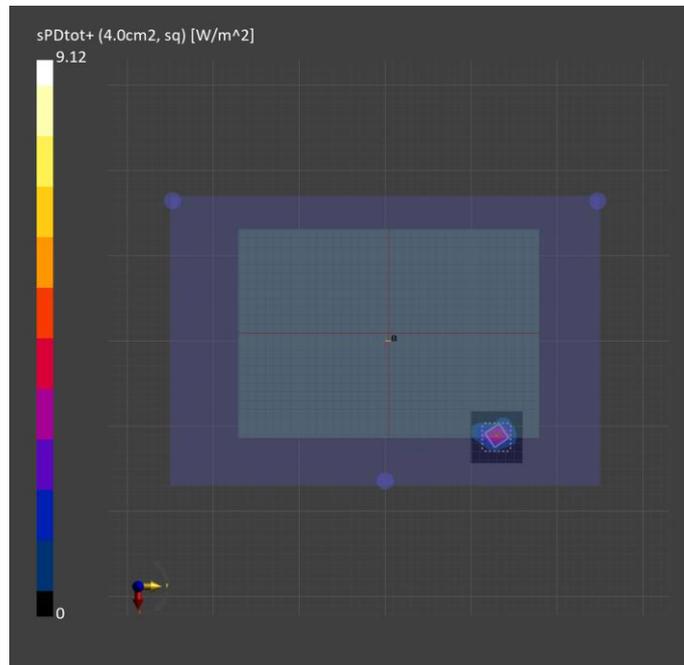
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

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	2022-09-27
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	2.29
psPDtot+ [W/m <sup>2</sup> ]	3.99
psPDmod+ [W/m <sup>2</sup> ]	7.96
E <sub>max</sub> [V/m]	77.0
H <sub>max</sub> [A/m]	0.438
Power Drift [dB]	-0.02



104\_WLAN 6 GHz\_802.11ax HE160\_Ch175\_Bottom Face\_2 mm\_ANT Main

Device under Test Properties

Model:GV601V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-7	WLAN, 10743-AAC	6825.0, 175	1.0

Hardware Setup

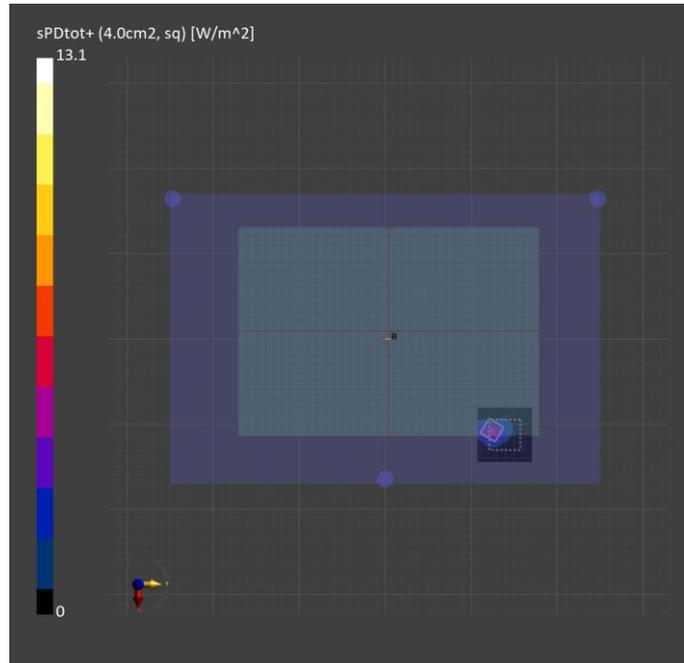
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

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	2022-09-27
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	2.21
psPDtot+ [W/m <sup>2</sup> ]	4.53
psPDmod+ [W/m <sup>2</sup> ]	9.22
E <sub>max</sub> [V/m]	77.4
H <sub>max</sub> [A/m]	0.569
Power Drift [dB]	0.10



105\_WLAN 6 GHz\_802.11ax HE160\_Ch207\_Bottom Face\_2 mm\_ANT Main

Device under Test Properties

Model:GV601V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-8	WLAN, 10743-AAC	6985.0, 207	1.0

Hardware Setup

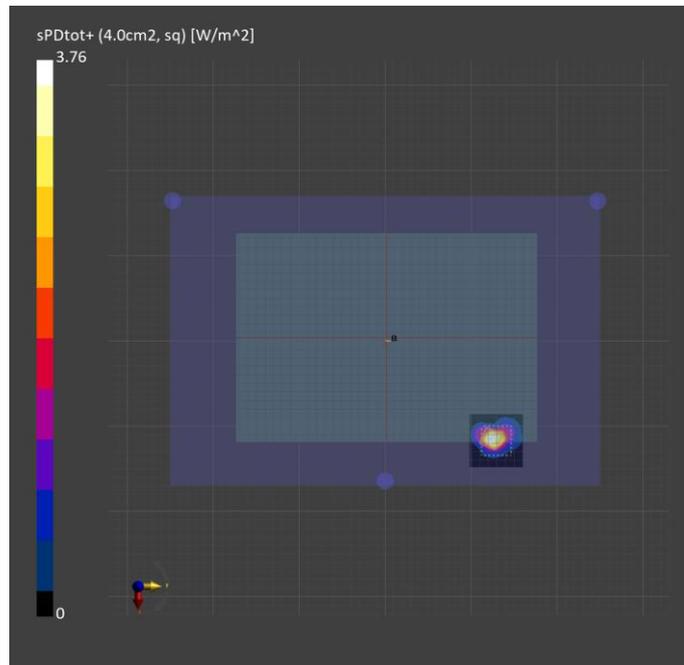
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

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	2022-09-27
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	1.83
psPDtot+ [W/m <sup>2</sup> ]	3.61
psPDmod+ [W/m <sup>2</sup> ]	7.46
E <sub>max</sub> [V/m]	63.0
H <sub>max</sub> [A/m]	0.429
Power Drift [dB]	-0.03



106\_WLAN 6 GHz\_802.11ax HE160\_Ch47\_Bottom Face\_2 mm\_ANT Aux

Device under Test Properties

Model:GV601V

Exposure Conditions

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

Hardware Setup

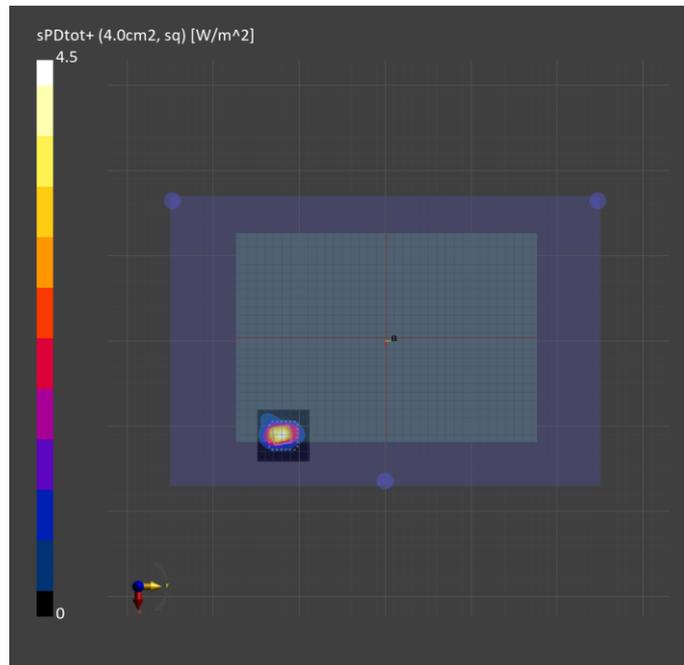
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

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	2022-09-27
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	1.64
psPDtot+ [W/m <sup>2</sup> ]	4.19
psPDmod+ [W/m <sup>2</sup> ]	12.4
E <sub>max</sub> [V/m]	88.6
H <sub>max</sub> [A/m]	0.586
Power Drift [dB]	-0.07



107\_WLAN 6 GHz\_802.11ax HE160\_Ch79\_Bottom Face\_2 mm\_ANT Aux

Device under Test Properties

Model:GV601V

Exposure Conditions

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

Hardware Setup

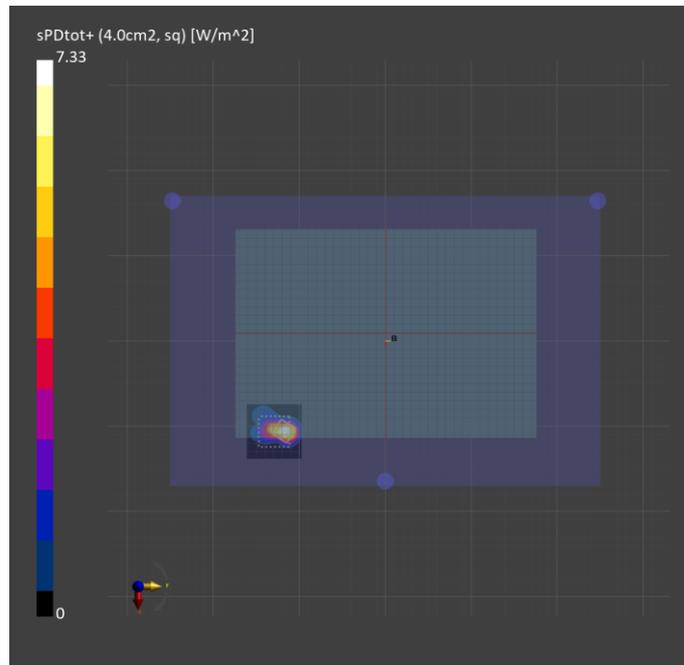
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

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	2022-09-27
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	2.20
psPDtot+ [W/m <sup>2</sup> ]	6.32
psPDmod+ [W/m <sup>2</sup> ]	15.1
E <sub>max</sub> [V/m]	121
H <sub>max</sub> [A/m]	0.682
Power Drift [dB]	-0.09



108\_WLAN 6 GHz\_802.11ax HE160\_Ch111\_Bottom Face\_2 mm\_ANT Aux

Device under Test Properties

Model:GV601V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-6	WLAN, 10743-AAC	6505.0, 111	1.0

Hardware Setup

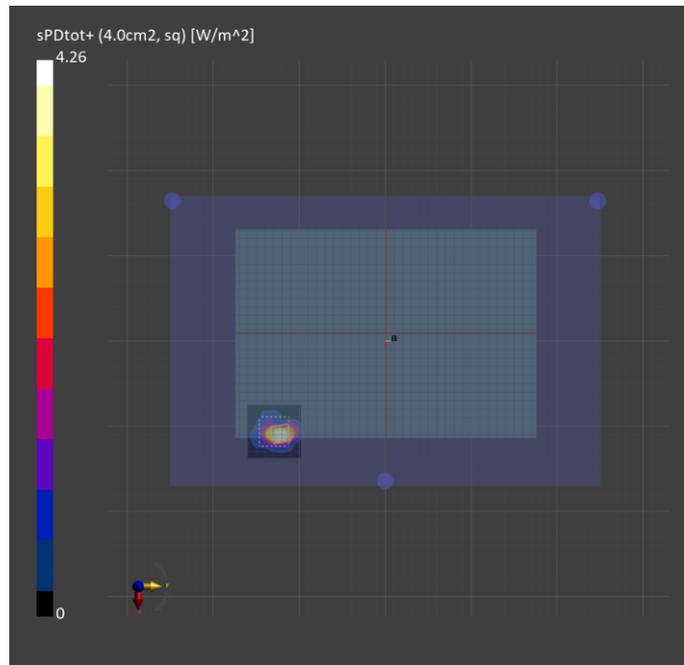
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

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	2022-09-27
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	1.89
psPDtot+ [W/m <sup>2</sup> ]	3.98
psPDmod+ [W/m <sup>2</sup> ]	13.3
E <sub>max</sub> [V/m]	91.2
H <sub>max</sub> [A/m]	0.619
Power Drift [dB]	-0.10



109\_WLAN 6 GHz\_802.11ax HE160\_Ch175\_Bottom Face\_2 mm\_ANT Aux

Device under Test Properties

Model:GV601V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-7	WLAN, 10743-AAC	6825.0, 175	1.0

Hardware Setup

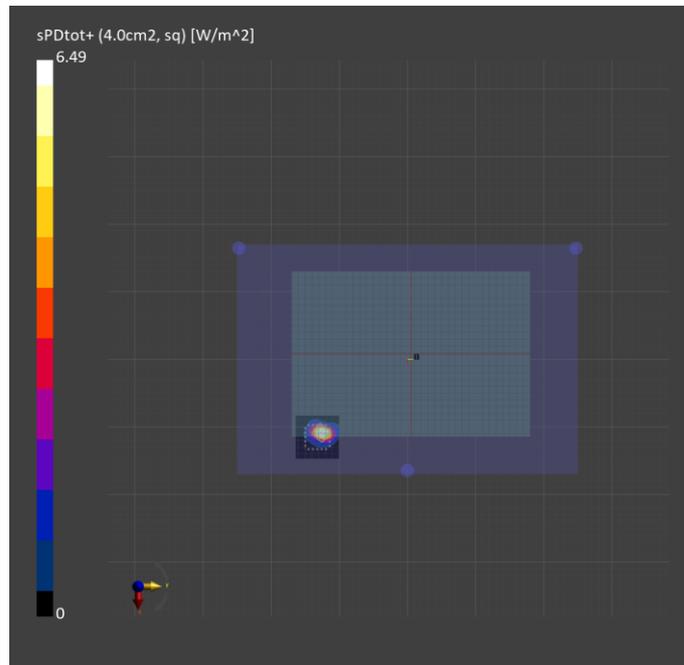
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

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	2022-09-27
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	3.29
psPDtot+ [W/m <sup>2</sup> ]	6.11
psPDmod+ [W/m <sup>2</sup> ]	11.6
E <sub>max</sub> [V/m]	82.9
H <sub>max</sub> [A/m]	0.732
Power Drift [dB]	-0.17



110\_WLAN 6 GHz\_802.11ax HE160\_Ch207\_Bottom Face\_2 mm\_ANT Aux

Device under Test Properties

Model:GV601V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-8	WLAN, 10743-AAC	6985.0, 207	1.0

Hardware Setup

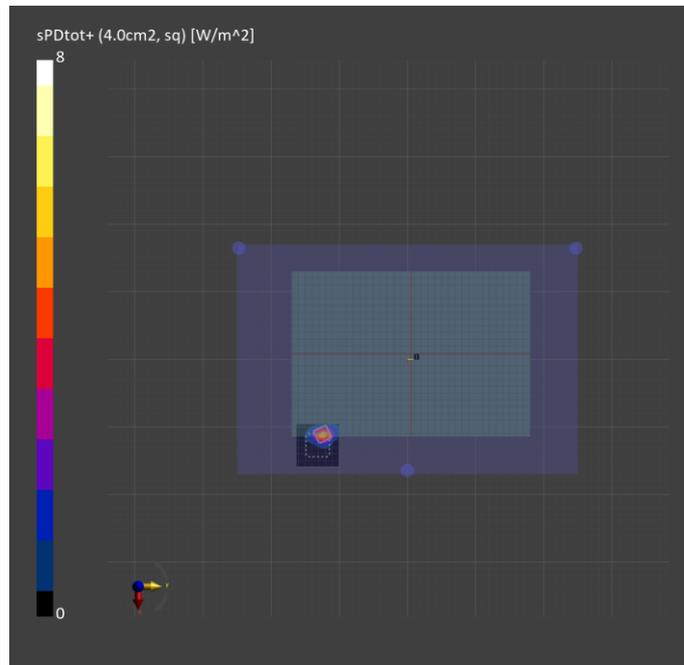
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

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	2022-09-27
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	2.28
psPDtot+ [W/m <sup>2</sup> ]	4.89
psPDmod+ [W/m <sup>2</sup> ]	10.5
E <sub>max</sub> [V/m]	88.4
H <sub>max</sub> [A/m]	0.628
Power Drift [dB]	-0.14



111\_WLAN 6 GHz\_802.11ax HE160\_Ch15\_Bottom Face\_2 mm\_ANT MIMO

Device under Test Properties

Model:GV601V

Exposure Conditions

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

Hardware Setup

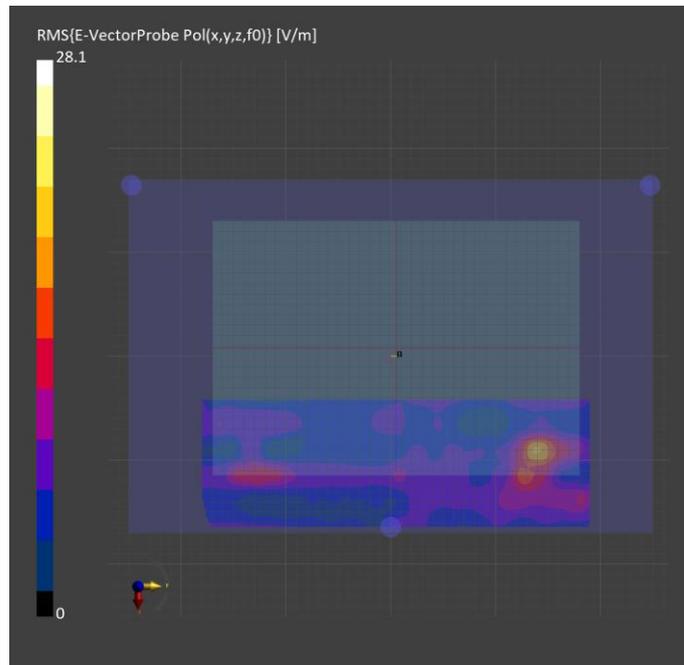
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

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	2022-09-29
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	2.03
psPDtot+ [W/m <sup>2</sup> ]	5.48
psPDmod+ [W/m <sup>2</sup> ]	14.0
E <sub>max</sub> [V/m]	90.1
H <sub>max</sub> [A/m]	0.678
Power Drift [dB]	-0.07



112\_WLAN 6 GHz\_802.11ax HE160\_Ch79\_Bottom Face\_2 mm\_ANT MIMO

Device under Test Properties

Model:GV601V

Exposure Conditions

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

Hardware Setup

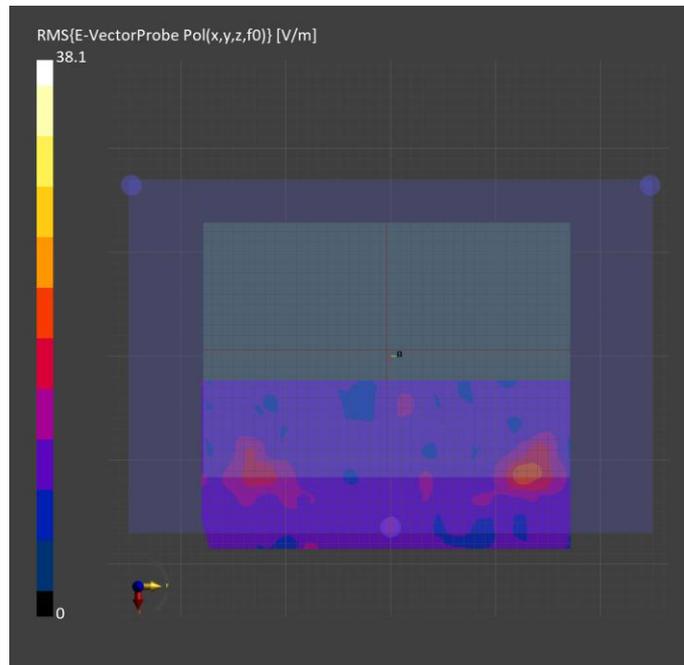
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

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	2022-09-29
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	3.08
psPDtot+ [W/m <sup>2</sup> ]	6.84
psPDmod+ [W/m <sup>2</sup> ]	21.1
E <sub>max</sub> [V/m]	135
H <sub>max</sub> [A/m]	0.784
Power Drift [dB]	-0.03



113\_WLAN 6 GHz\_802.11ax HE160\_Ch111\_Bottom Face\_2 mm\_ANT MIMO

Device under Test Properties

Model:GV601V

Exposure Conditions

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

Hardware Setup

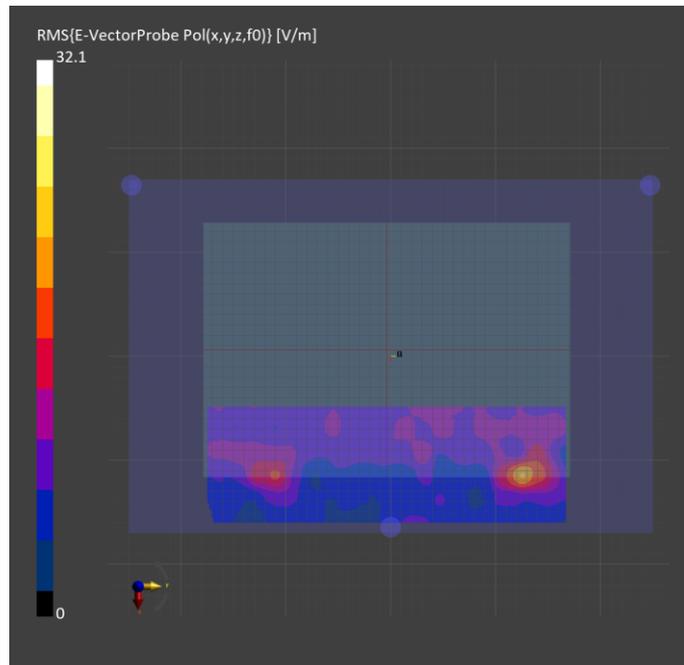
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

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	2022-09-29
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	2.62
psPDtot+ [W/m <sup>2</sup> ]	6.87
psPDmod+ [W/m <sup>2</sup> ]	16.7
E <sub>max</sub> [V/m]	124
H <sub>max</sub> [A/m]	0.793
Power Drift [dB]	-0.07



114\_WLAN 6 GHz\_802.11ax HE160\_Ch143\_Bottom Face\_2 mm\_ANT MIMO

Device under Test Properties

Model:GV601V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-7	WLAN, 10743-AAC	6665.0, 143	1.0

Hardware Setup

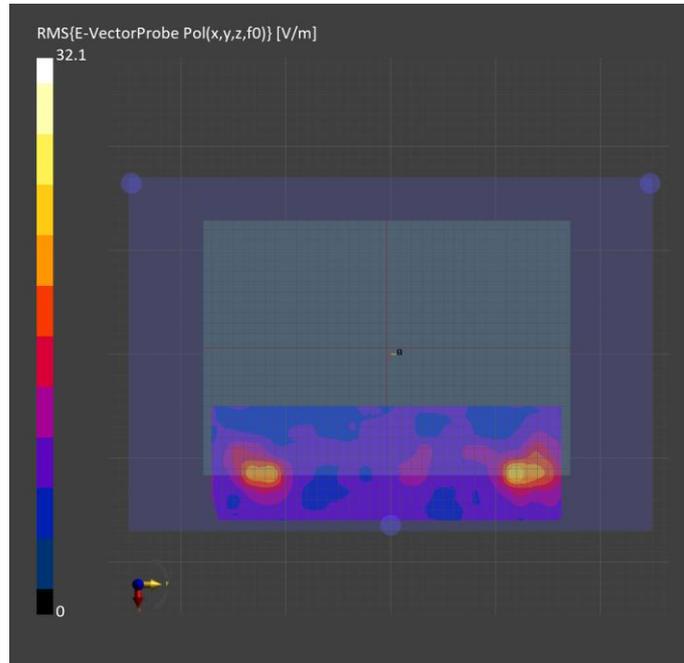
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

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	2022-09-29
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	3.51
psPDtot+ [W/m <sup>2</sup> ]	6.21
psPDmod+ [W/m <sup>2</sup> ]	16.8
E <sub>max</sub> [V/m]	101
H <sub>max</sub> [A/m]	0.831
Power Drift [dB]	-0.14



115\_WLAN 6 GHz\_802.11ax HE160\_Ch207\_Bottom Face\_2 mm\_ANT MIMO

Device under Test Properties

Model:GV601V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-8	WLAN, 10743-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	2022-09-29
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	1.41
psPDtot+ [W/m <sup>2</sup> ]	3.58
psPDmod+ [W/m <sup>2</sup> ]	8.50
E <sub>max</sub> [V/m]	73.8
H <sub>max</sub> [A/m]	0.486
Power Drift [dB]	0.05

