

## **Appendix C – Highest Test Plots**

Date: 2024/10/15

**7\_WLAN2.4G\_802.11b\_Bottom of laptop\_0 mm\_Ch13\_ANT 0**

**DUT: TP3607S**

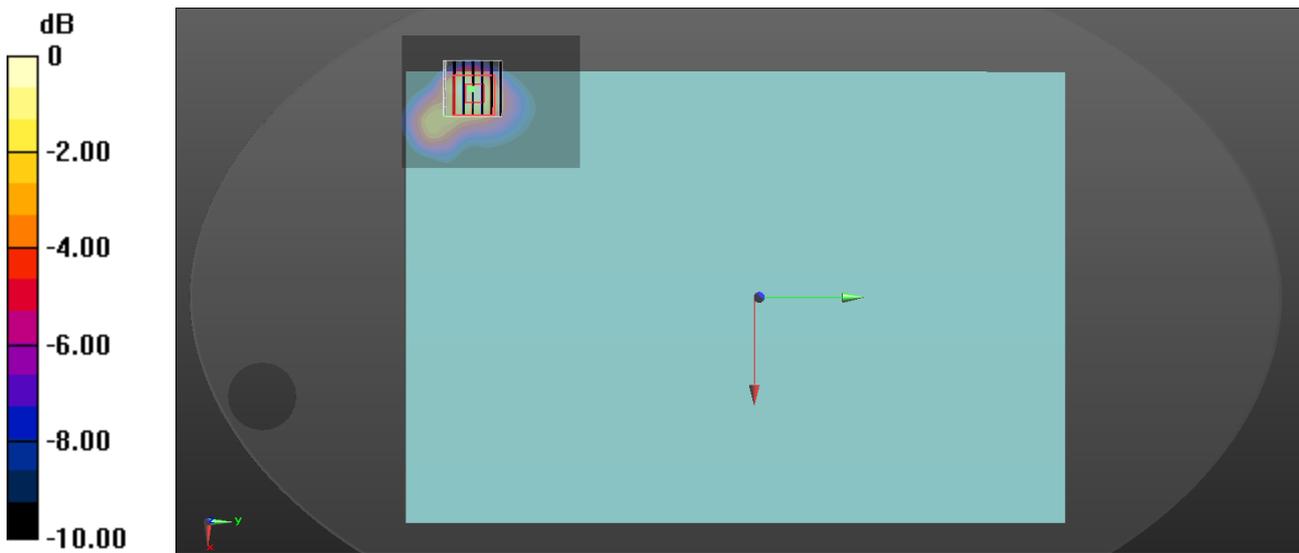
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2472 MHz; Duty Cycle: 1:1.007  
 Medium parameters used:  $f = 2472$  MHz;  $\sigma = 1.759$  S/m;  $\epsilon_r = 39.135$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section  
 Measurement Standard: DASYS5

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(7.73, 7.11, 7.58) @ 2472 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
 Maximum value of SAR (interpolated) = 0.938 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
 Reference Value = 22.42 V/m; Power Drift = 0.05 dB  
 Peak SAR (extrapolated) = 1.06 W/kg  
**SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.228 W/kg**  
 Smallest distance from peaks to all points 3 dB below = 9.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 45%  
 Maximum value of SAR (measured) = 0.802 W/kg



0 dB = 0.802 W/kg = -0.96 dBW/kg

Date: 2024/10/16

**9\_WLAN5.3G\_802.11ac VHT160\_Bottom of laptop\_0 mm\_Ch50\_ANT 0**

**DUT: TP3607S**

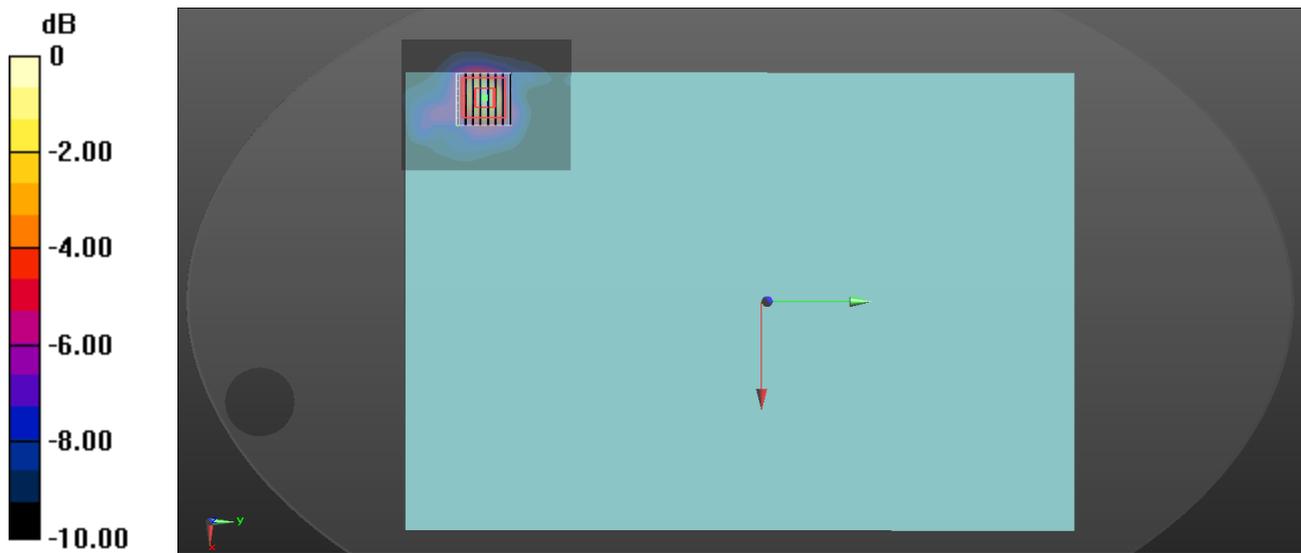
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz;Duty Cycle: 1:1.012  
Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.43$  S/m;  $\epsilon_r = 35.176$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS

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(5.68, 5.15, 5.5) @ 5250 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.705 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 8.751 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 1.15 W/kg  
**SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.164 W/kg**  
Smallest distance from peaks to all points 3 dB below = 8 mm  
Ratio of SAR at M2 to SAR at M1 = 69.1%  
Maximum value of SAR (measured) = 0.727 W/kg



0 dB = 0.727 W/kg = -1.38 dBW/kg

Date: 2024/10/17

**13\_WLAN5.6G\_802.11ac VHT160\_Bottom of laptop\_0 mm\_Ch114\_ANT 0**

**DUT: TP3607S**

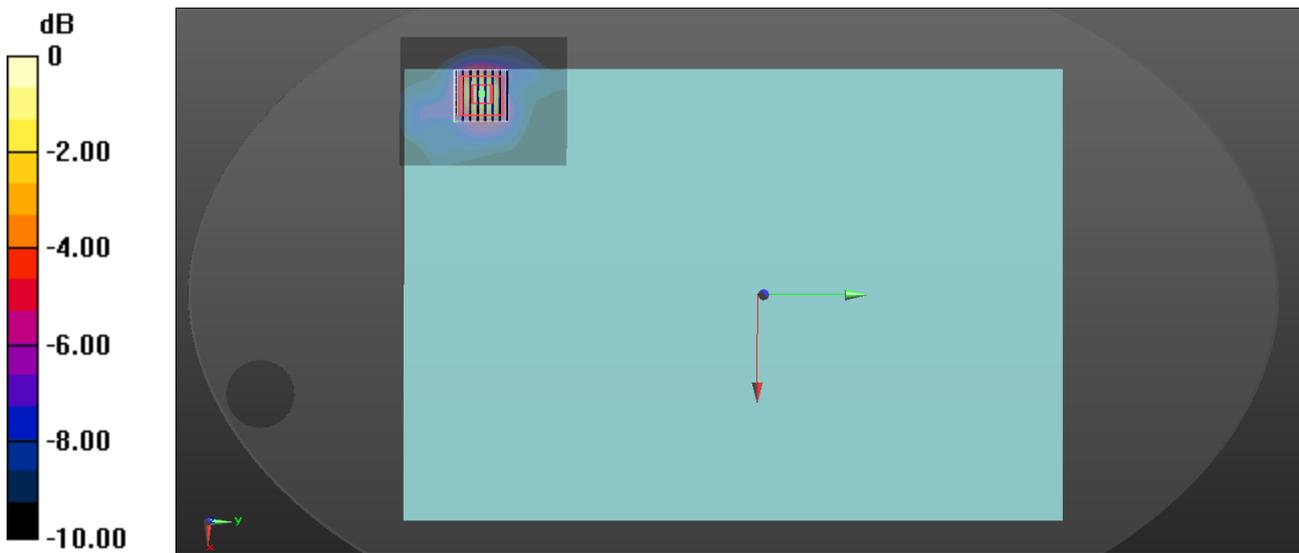
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5570 MHz;Duty Cycle: 1:1.012  
Medium parameters used:  $f = 5570$  MHz;  $\sigma = 4.687$  S/m;  $\epsilon_r = 34.875$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS

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(4.9, 4.47, 4.74) @ 5570 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.853 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 9.070 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 1.31 W/kg  
**SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.184 W/kg**  
Smallest distance from peaks to all points 3 dB below = 7.9 mm  
Ratio of SAR at M2 to SAR at M1 = 68.4%  
Maximum value of SAR (measured) = 0.820 W/kg



0 dB = 0.820 W/kg = -0.86 dBW/kg

Date: 2024/10/18

**22\_WLAN5.8G\_802.11ac VHT160\_Bottom of laptop\_0 mm\_Ch163\_ANT 0**

**DUT: TP3607S**

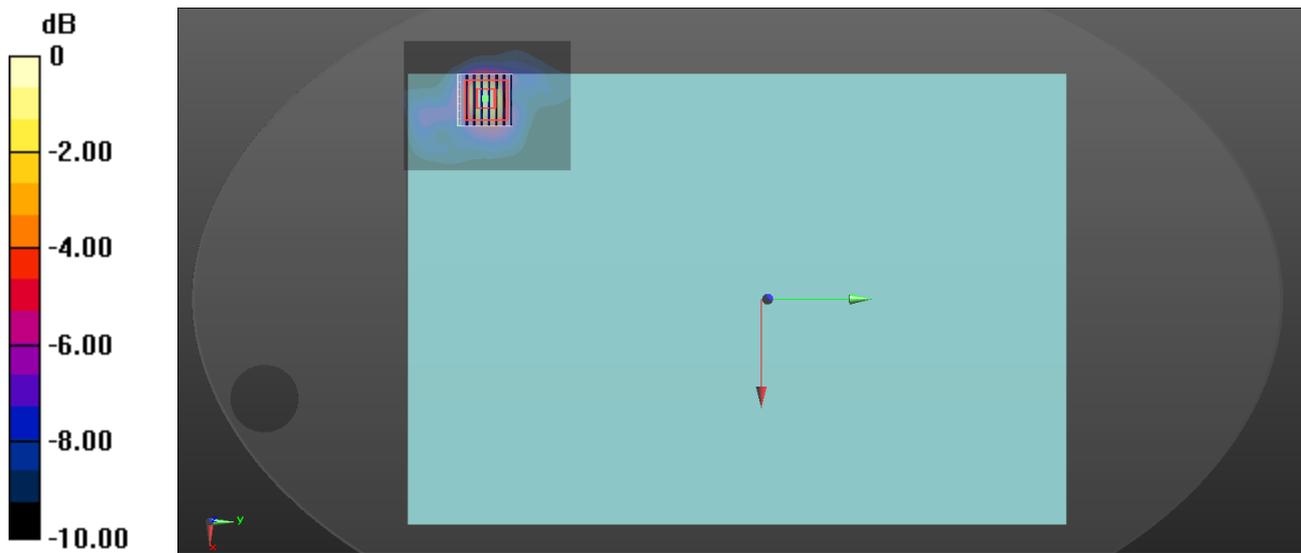
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5815 MHz;Duty Cycle: 1:1.012  
Medium parameters used:  $f = 5815$  MHz;  $\sigma = 4.932$  S/m;  $\epsilon_r = 34.299$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS

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(5.03, 4.62, 4.96) @ 5815 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x91x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) = 0.875 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm  
Reference Value = 9.280 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 1.46 W/kg  
**SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.191 W/kg**  
Smallest distance from peaks to all points 3 dB below = 7.9 mm  
Ratio of SAR at M2 to SAR at M1 = 66.2%  
Maximum value of SAR (measured) = 0.860 W/kg



0 dB = 0.860 W/kg = -0.66 dBW/kg

Test Date : 2024-10-21 | Ambient Temp : 22.8 °C | Tissue Temp : 22.0 °C

**Test Mode**

**25\_U-NII 5\_802.11be EHT320\_Bottom of laptop\_0 mm\_Ch31\_ANT 0**

**Device Under Test Properties**

| Manufacturer or Brand | Model No. or Code Name | Sample No. or IMEI | DUT Type |
|-----------------------|------------------------|--------------------|----------|
| ASUS                  | TP3607S                | S9NTCVN00291366    | Laptop   |

**Exposure Conditions**

| Phantom Section | Band    | Group, UID        | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------|---------|-------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat            | U-NII-5 | WLAN, 11026 - AAB | 6105.000, 31                    | 5.5               | 5.57                   | 34.5             |

**Hardware Setup**

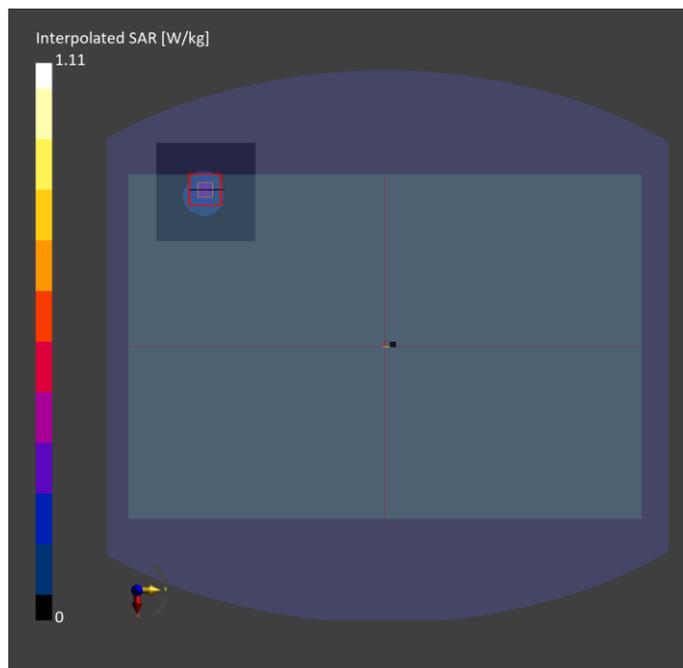
| Phantom                            | Tissue Simulating Liquid | Probe   Calibration Date     | DAE   Calibration Date   |
|------------------------------------|--------------------------|------------------------------|--------------------------|
| ELI V5.0 (20deg probe tilt) - 1175 | HBBL-600-10000V6         | EX3DV4 - SN3847 / 2024-02-21 | DAE4 Sn1253 / 2024-04-22 |

**Scan Setup**

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 68.0 x 68.0 | 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                |
| Graded Grid         | N/A         | Yes                |
| Grading Ratio       | N/A         | 1.4                |

**Measurement Results**

|  | Area Scan     | Zoom Scan     |
|--|---------------|---------------|
| psSAR-1g [W/kg]                                      | 0.262         | <b>0.262</b>  |
| psSAR-10g [W/kg]                                     | 0.082         | <b>0.081</b>  |
| psAPD (1.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ] |               | <b>2.62</b>   |
| psAPD (4.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ] |               | <b>1.86</b>   |
| Power Drift [dB]                                     |               | -0.03         |
| TSL Correction                                       | Positive only | Positive only |
| M2 / M1 [%]  |               | 56.8          |
| Dist 3dB Peak [mm]                                   |               | 7.5           |



Date: 2024/10/15

**36\_Bluetooth\_GFSK\_Bottom of laptop\_0 mm\_Ch78\_ANT 1**

**DUT: TP3607S**

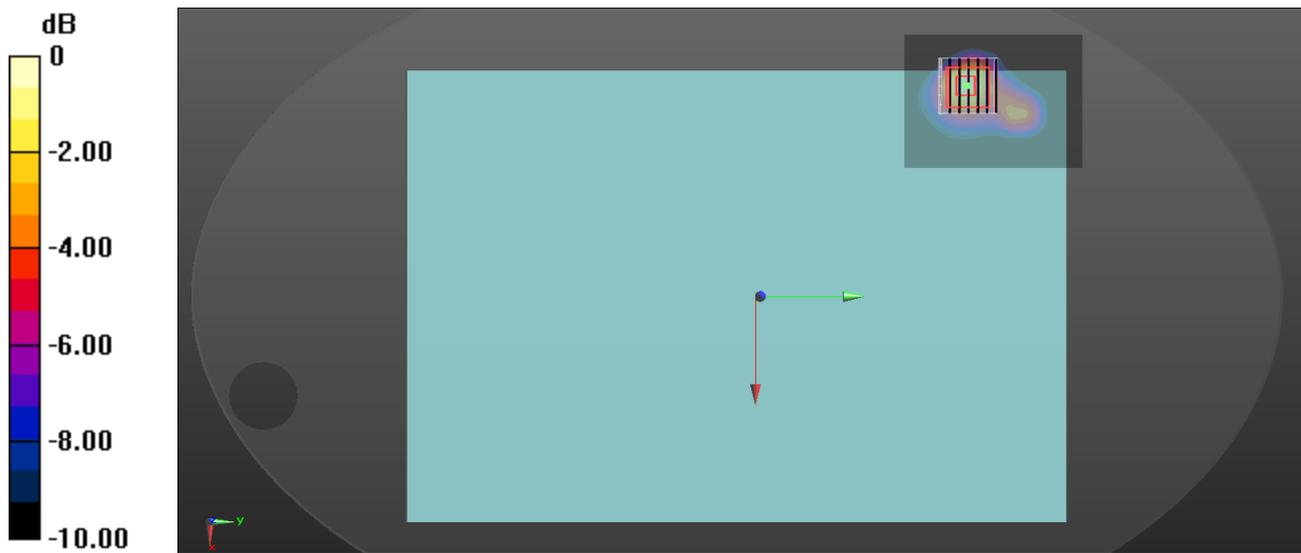
Communication System: UID 0, Bluetooth 3.0 (0); Frequency: 2480 MHz;Duty Cycle: 1:1.302  
 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.765$  S/m;  $\epsilon_r = 39.125$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section  
 Measurement Standard: DASYS

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(7.73, 7.11, 7.58) @ 2480 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
 Maximum value of SAR (interpolated) = 0.920 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
 Reference Value = 2.878 V/m; Power Drift = -0.08 dB  
 Peak SAR (extrapolated) = 1.19 W/kg  
**SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.243 W/kg**  
 Smallest distance from peaks to all points 3 dB below = 8.5 mm  
 Ratio of SAR at M2 to SAR at M1 = 47.2%  
 Maximum value of SAR (measured) = 0.924 W/kg



0 dB = 0.924 W/kg = -0.34 dBW/kg

Date: 2024/10/15

**41\_WLAN2.4G\_802.11b\_Bottom Surface\_0 mm\_Ch6\_ANT 0**

**DUT: TP3607S**

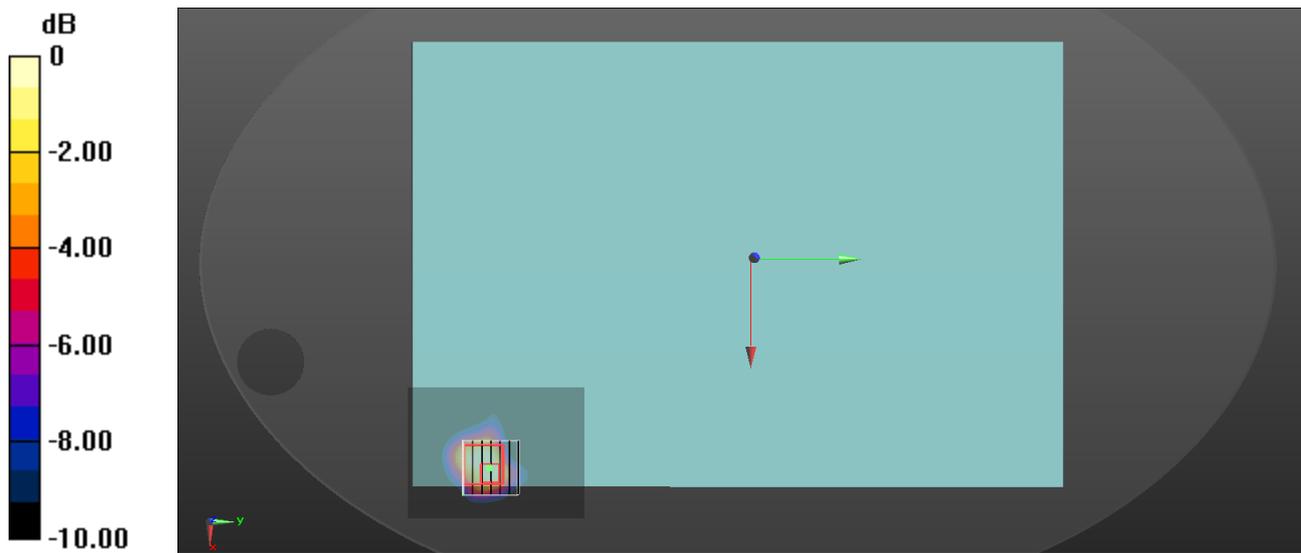
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.007  
 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.736$  S/m;  $\epsilon_r = 39.185$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section  
 Measurement Standard: DASYS

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(7.73, 7.11, 7.58) @ 2437 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 1.38 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 20.48 V/m; Power Drift = 0.15 dB  
 Peak SAR (extrapolated) = 1.47 W/kg  
**SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.317 W/kg**  
 Smallest distance from peaks to all points 3 dB below = 7.3 mm  
 Ratio of SAR at M2 to SAR at M1 = 43.8%  
 Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

Date: 2024/10/16

**53\_WLAN5.3G\_802.11ac VHT160\_Bottom Surface\_0 mm\_Ch50\_ANT 0**

**DUT: TP3607S**

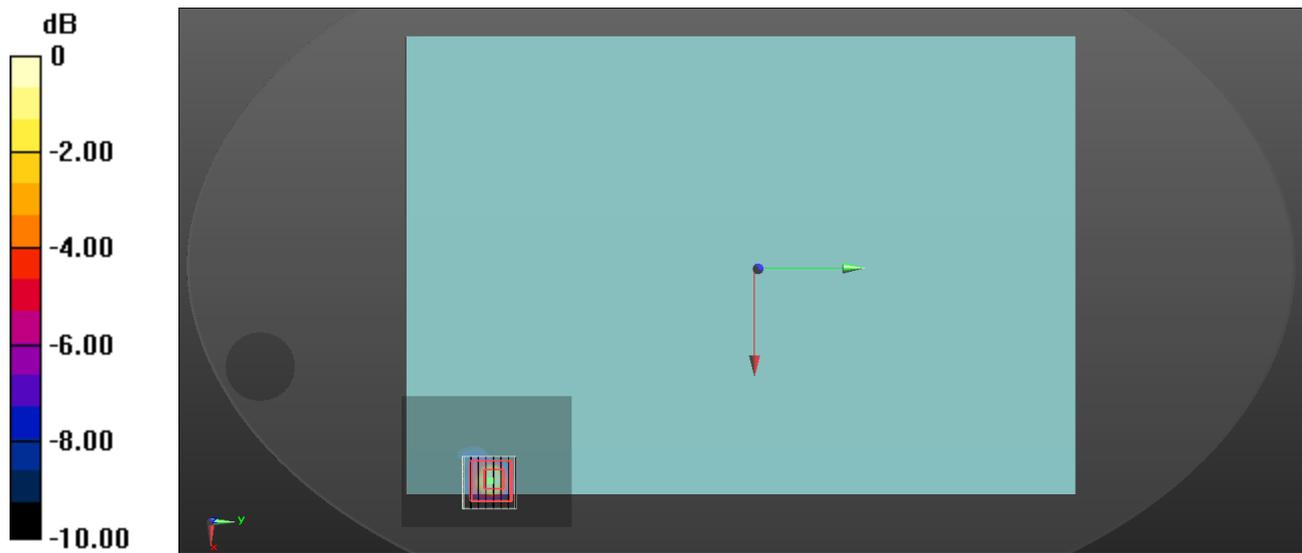
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz;Duty Cycle: 1:1.012  
Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.43$  S/m;  $\epsilon_r = 35.176$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS

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(5.68, 5.15, 5.5) @ 5250 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 3.14 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 20.33 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 4.31 W/kg  
**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.318 W/kg**  
Smallest distance from peaks to all points 3 dB below = 5.6 mm  
Ratio of SAR at M2 to SAR at M1 = 66%  
Maximum value of SAR (measured) = 2.65 W/kg



0 dB = 2.65 W/kg = 4.23 dBW/kg

Date: 2024/10/17

**61\_WLAN5.6G\_802.11ac VHT160\_Bottom Surface\_0 mm\_Ch114\_ANT 0**

**DUT: TP3607S**

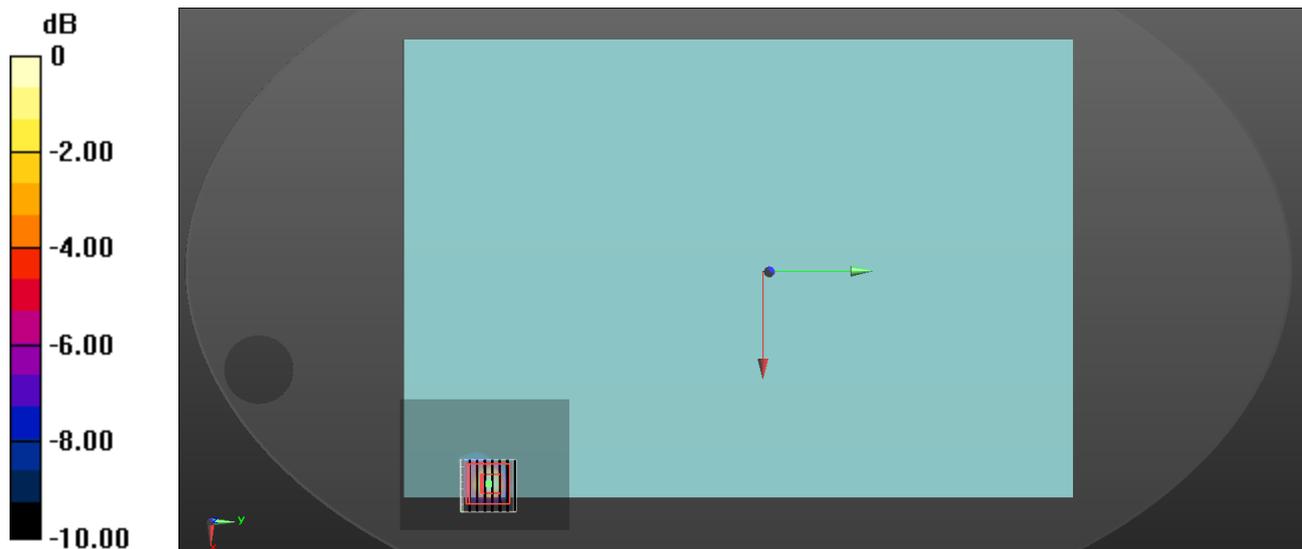
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5570 MHz;Duty Cycle: 1:1.012  
Medium parameters used:  $f = 5570$  MHz;  $\sigma = 4.687$  S/m;  $\epsilon_r = 34.875$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS

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(4.9, 4.47, 4.74) @ 5570 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 3.4 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 16.7 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 4.78 W/kg  
**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.328 W/kg**  
Smallest distance from peaks to all points 3 dB below = 5.8 mm  
Ratio of SAR at M2 to SAR at M1 = 64.7%  
Maximum value of SAR (measured) = 2.91 W/kg



0 dB = 2.91 W/kg = 4.64 dBW/kg

Date: 2024/10/18

**78\_WLAN5.8G\_802.11ac VHT160\_Bottom Surface\_0 mm\_Ch163\_ANT 0**

**DUT: TP3607S**

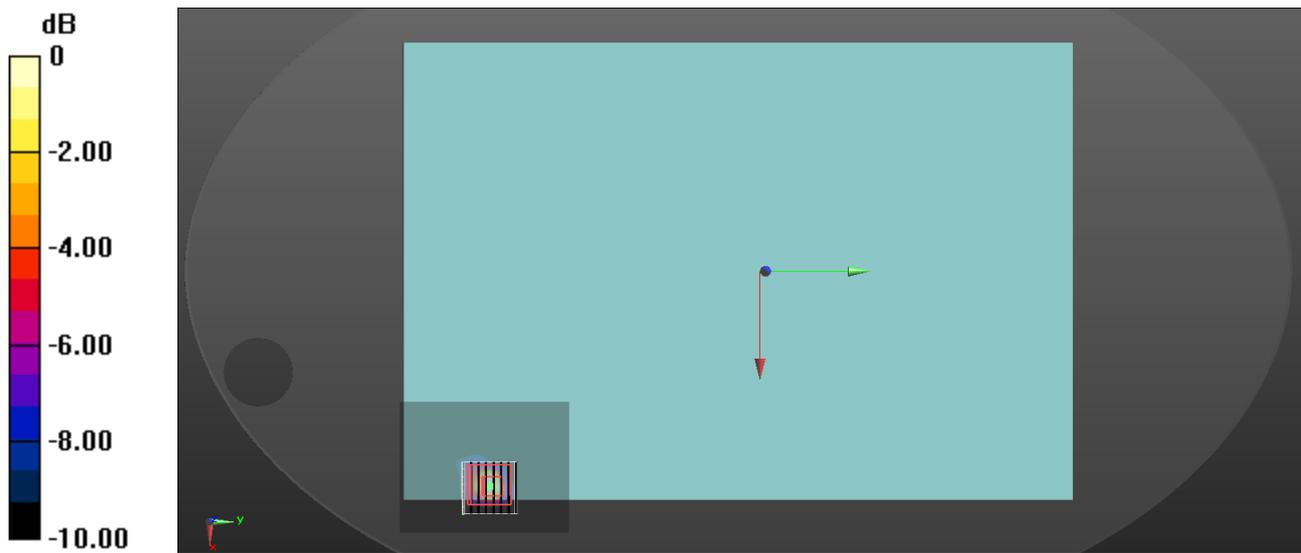
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5815 MHz;Duty Cycle: 1:1.012  
Medium parameters used:  $f = 5815$  MHz;  $\sigma = 4.932$  S/m;  $\epsilon_r = 34.299$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS

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(5.03, 4.62, 4.96) @ 5815 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 3.22 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 13.47 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 4.77 W/kg  
**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.337 W/kg**  
Smallest distance from peaks to all points 3 dB below = 6.4 mm  
Ratio of SAR at M2 to SAR at M1 = 63.3%  
Maximum value of SAR (measured) = 2.81 W/kg



0 dB = 2.81 W/kg = 4.49 dBW/kg

Test Date : 2024-10-21 | Ambient Temp : 22.8 °C | Tissue Temp : 22.0 °C

**Test Mode**

**89\_U-NII 5\_802.11be EHT320\_Bottom Surface\_0 mm\_Ch31\_ANT 0**

**Device Under Test Properties**

| Manufacturer or Brand | Model No. or Code Name | Sample No. or IMEI | DUT Type |
|-----------------------|------------------------|--------------------|----------|
| ASUS                  | TP3607S                | S9NTCVN00291366    | Tablet   |

**Exposure Conditions**

| Phantom Section | Band    | Group, UID        | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------|---------|-------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat            | U-NII-5 | WLAN, 11026 - AAB | 6105.000, 31                    | 5.5               | 5.57                   | 34.5             |

**Hardware Setup**

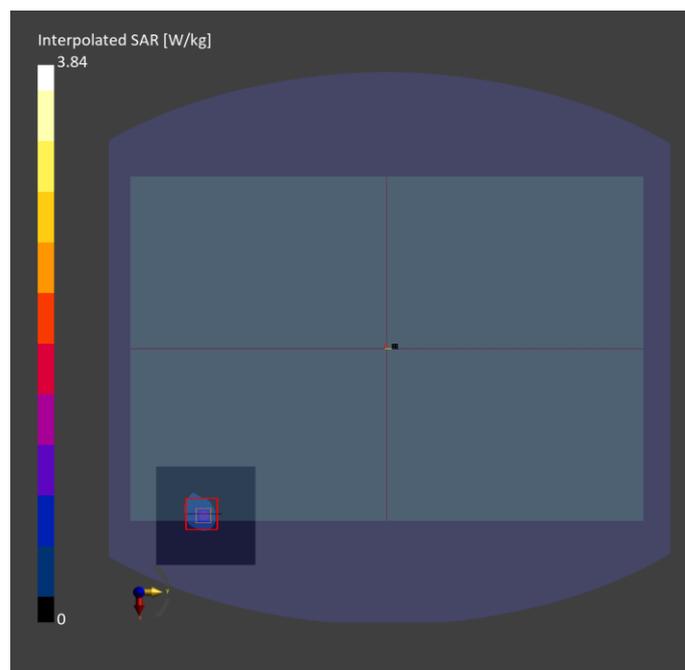
| Phantom                            | Tissue Simulating Liquid | Probe   Calibration Date     | DAE   Calibration Date   |
|------------------------------------|--------------------------|------------------------------|--------------------------|
| ELI V5.0 (20deg probe tilt) - 1175 | HBBL-600-10000V6         | EX3DV4 - SN3847 / 2024-02-21 | DAE4 Sn1253 / 2024-04-22 |

**Scan Setup**

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 68.0 x 68.0 | 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                |
| Graded Grid         | N/A         | Yes                |
| Grading Ratio       | N/A         | 1.4                |

**Measurement Results**

|  | Area Scan     | Zoom Scan     |
|--|---------------|---------------|
| psSAR-1g [W/kg]                                      | 0.741         | <b>0.877</b>  |
| psSAR-10g [W/kg]                                     | 0.209         | <b>0.226</b>  |
| psAPD (1.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ] |               | <b>8.77</b>   |
| psAPD (4.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ] |               | <b>5.34</b>   |
| Power Drift [dB]                                     |               | 0.14          |
| TSL Correction                                       | Positive only | Positive only |
| M2 / M1 [%]  |               | 55.8          |
| Dist 3dB Peak [mm]                                   |               | 6.2           |



Date: 2024/10/15

**111\_Bluetooth\_GFSK\_Bottom Surface\_0 mm\_Ch39\_ANT 1**

**DUT: TP3607S**

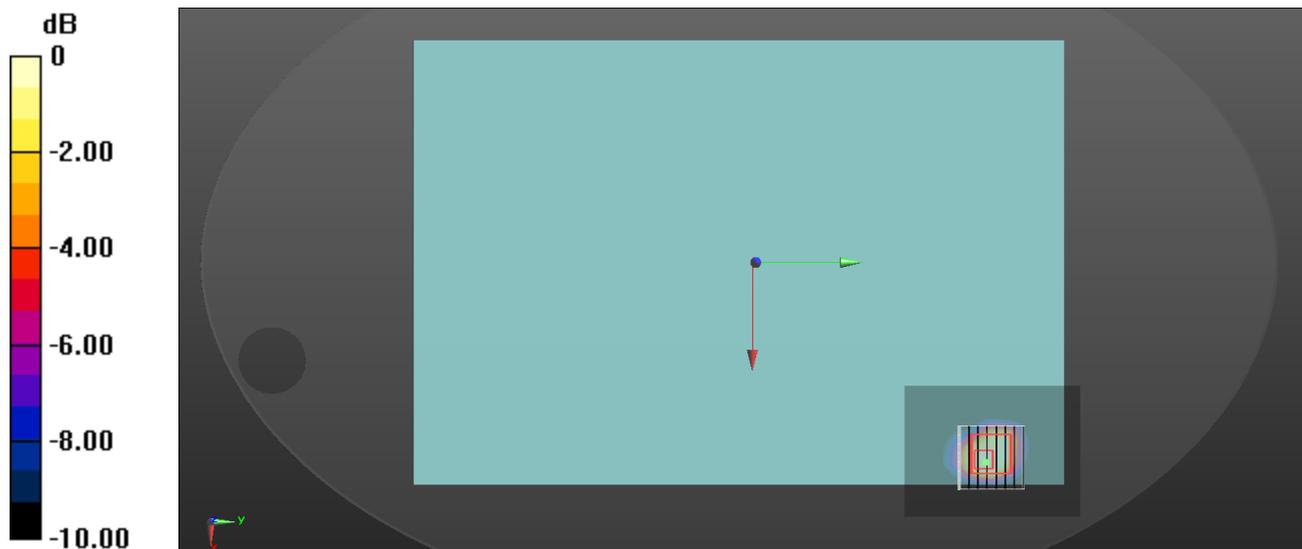
Communication System: UID 0, Bluetooth 3.0 (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302  
Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.739$  S/m;  $\epsilon_r = 39.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS

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(7.73, 7.11, 7.58) @ 2441 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.65 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 23.18 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 1.73 W/kg  
**SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.282 W/kg**  
Smallest distance from peaks to all points 3 dB below = 7.6 mm  
Ratio of SAR at M2 to SAR at M1 = 41.1%  
Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

Test Date : 2024-10-22 | Ambient Temp : 22.8 °C

**Test Mode**

123\_U-NII 5\_802.11be EHT320\_Bottom of laptop\_2 mm\_Ch31\_ANT 0

**Device Under Test Properties**

| Manufacturer or Brand | Model No. or Code Name | Sample No. or IMEI | DUT Type |
|-----------------------|------------------------|--------------------|----------|
| ASUS                  | TP3607S                | S9NTCVN00291366    | Laptop   |

**Exposure Conditions**

| Phantom Section | Band    | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|---------|------------|---------------------------------|-------------------|
| 5G              | U-NII-5 | WLAN,      | 6105.0, 31                      | 1.0               |

**Hardware Setup**

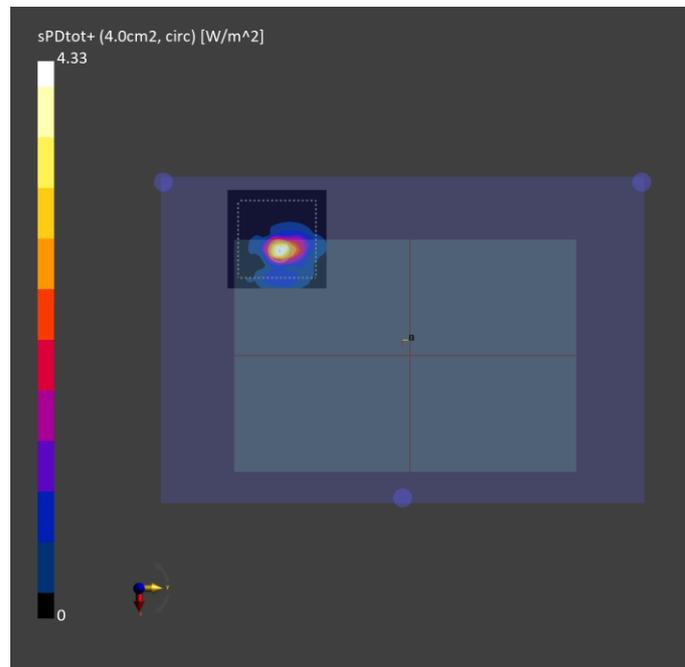
| Phantom             | Medium | Probe   Calibration Date               | DAE   Calibration Date   |
|---------------------|--------|--|--------------------------|
| mmWave - 5G Phantom | Air    | EUmmWV3 - SN9403_F1-55GHz / 2023-12-05 | DAE4 Sn1253 / 2024-04-22 |

**Scan Setup**

|                     | 5G Scan         |
|---------------------|-----------------|
| Grid Extents [mm]   | 98.0 x 98.0     |
| Grid Steps [mm]     | 0.0509 x 0.0509 |
| Sensor Surface [mm] | 2.0             |

**Measurement Results**

|                               | 5G Scan |
|-------------------------------|---------|
| Avg. Area [cm <sup>2</sup> ]  | 4.00    |
| psPD n+ [W/m <sup>2</sup> ]   | 1.95    |
| psPD tot+ [W/m <sup>2</sup> ] | 4.33    |
| psPD mod+ [W/m <sup>2</sup> ] | 7.41    |
| E max [V/m]                   | 57.5    |
| Power Drift [dB]              | 0.00    |



Test Date : 2024-10-23 | Ambient Temp : 23.1 °C

**Test Mode**

143\_U-NII 5\_802.11be EHT320\_Bottom Surface\_2 mm\_Ch31\_ANT 0

**Device Under Test Properties**

| Manufacturer or Brand | Model No. or Code Name | Sample No. or IMEI | DUT Type |
|-----------------------|------------------------|--------------------|----------|
| ASUS                  | TP3607S                | S9NTCVN00291366    | Tablet   |

**Exposure Conditions**

| Phantom Section | Band    | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|---------|------------|---------------------------------|-------------------|
| 5G              | U-NII-5 | WLAN,      | 6105.0, 31                      | 1.0               |

**Hardware Setup**

| Phantom             | Medium | Probe   Calibration Date               | DAE   Calibration Date   |
|---------------------|--------|--|--------------------------|
| mmWave - 5G Phantom | Air    | EUmmWV3 - SN9403_F1-55GHz / 2023-12-05 | DAE4 Sn1253 / 2024-04-22 |

**Scan Setup**

|                     | 5G Scan         |
|---------------------|-----------------|
| Grid Extents [mm]   | 98.0 x 98.0     |
| Grid Steps [mm]     | 0.0509 x 0.0509 |
| Sensor Surface [mm] | 2.0             |

**Measurement Results**

|                               | 5G Scan |
|-------------------------------|---------|
| Avg. Area [cm <sup>2</sup> ]  | 4.00    |
| psPD n+ [W/m <sup>2</sup> ]   | 2.97    |
| psPD tot+ [W/m <sup>2</sup> ] | 8.12    |
| psPD mod+ [W/m <sup>2</sup> ] | 15.8    |
| E max [V/m]                   | 71.2    |
| Power Drift [dB]              | 0.01    |

