

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

Test Date : 2025-03-04 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

**Test Mode**

**1\_WLAN2.4G\_802.11n\_HT20\_Top Side\_0mm\_Ch6\_Ant 0+1**

**Device Under Test Properties**

| Manufacturer or Brand | Model No. or Code Name | Sample No. or IMEI | DUT Type |
|-----------------------|------------------------|--------------------|----------|
| ASUS                  | E1600WK                | A002               | Tablet   |

**Exposure Conditions**

| Phantom Section | Band        | Group, UID        | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------|-------------|-------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat            | WLAN 2.4GHz | WLAN, 10591 – AAC | 2437.000, 6                     | 6.64              | 1.87                   | 40.7             |

**Hardware Setup**

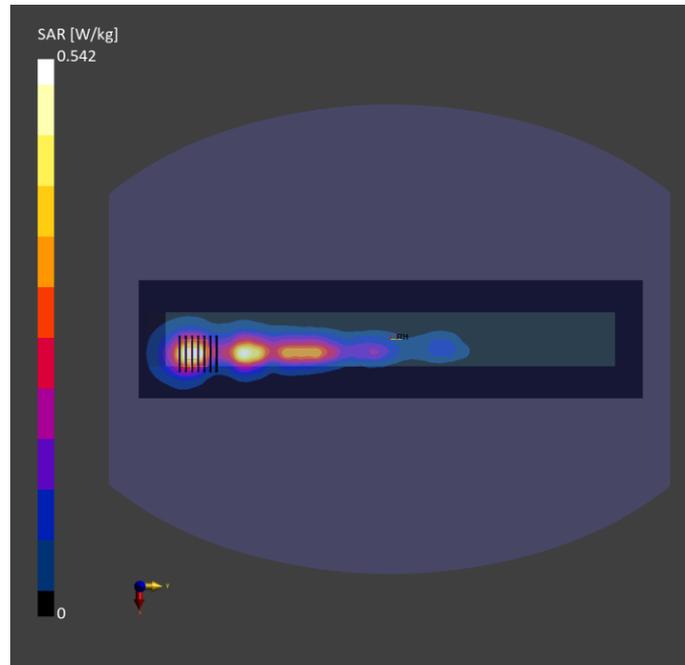
| Phantom                             | Tissue Simulating Liquid | Probe   Calibration Date     | DAE   Calibration Date   |
|-------------------------------------|--------------------------|------------------------------|--------------------------|
| ELI V8.0 (20deg probe tilt) - 2176  | HBBL-600-10000           | EX3DV4 - SN7757 / 2024-09-18 | DAE4 Sn1743 / 2024-09-19 |
| <b>Measurement Software Version</b> |                          | 16.4.0.5005                  |                          |

**Scan Setup**

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 96.0 x 408.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0  | 5.0 x 5.0 x 5.0    |
| 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]    | 0.510         | <b>0.548</b>  |
| psSAR-10g [W/kg]   | 0.245         | <b>0.266</b>  |
| Power Drift [dB]   |               | 0.06          |
| TSL Correction     | Positive only | Positive only |
| M2 / M1 [%]        |               | 48.3          |
| Dist 3dB Peak [mm] |               | 9.3           |



Test Date : 2025-03-05 | Ambient Temp : 22.6 °C | Tissue Temp : 22.2 °C

**Test Mode**

**2\_WLAN5.3G\_802.11ac VHT160\_Top Side\_0mm\_Ch50\_Ant 1**

**Device Under Test Properties**

| Manufacturer or Brand | Model No. or Code Name | Sample No. or IMEI | DUT Type |
|-----------------------|------------------------|--------------------|----------|
| ASUS                  | E1600WK                | A002               | Tablet   |

**Exposure Conditions**

| Phantom Section | Band      | Group, UID        | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------|-----------|-------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat            | WLAN 5GHz | WLAN, 10554 - AAE | 5250.000, 50                    | 5.05              | 4.75                   | 34.8             |

**Hardware Setup**

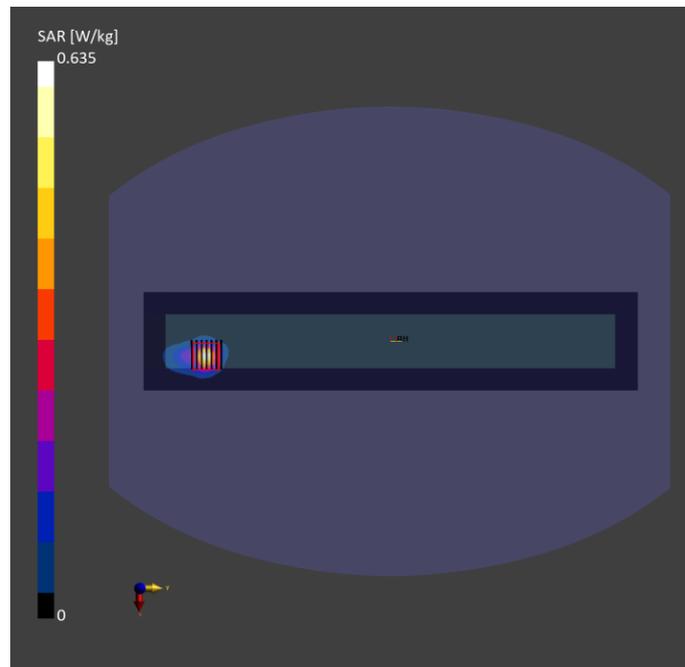
| Phantom                             | Tissue Simulating Liquid | Probe   Calibration Date     | DAE   Calibration Date   |
|-------------------------------------|--------------------------|------------------------------|--------------------------|
| ELI V8.0 (20deg probe tilt) - 2176  | HBBL-600-10000           | EX3DV4 - SN7757 / 2024-09-18 | DAE4 Sn1743 / 2024-09-19 |
| <b>Measurement Software Version</b> |                          | 16.4.0.5005                  |                          |

**Scan Setup**

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 80.0 x 400.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0  | 4.0 x 4.0 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]    | 0.622         | <b>0.732</b>  |
| psSAR-10g [W/kg]   | 0.189         | <b>0.200</b>  |
| Power Drift [dB]   |               | 0.03          |
| TSL Correction     | Positive only | Positive only |
| M2 / M1 [%]        |               | 62.6          |
| Dist 3dB Peak [mm] |               | 7.2           |



Test Date : 2025-03-05 | Ambient Temp : 22.6 °C | Tissue Temp : 22.2 °C

**Test Mode**

**3\_WLAN5.6G\_802.11ac VHT160\_Top Side\_0mm\_Ch114\_Ant 0+1**

**Device Under Test Properties**

| Manufacturer or Brand | Model No. or Code Name | Sample No. or IMEI | DUT Type |
|-----------------------|------------------------|--------------------|----------|
| ASUS                  | E1600WK                | A002               | Tablet   |

**Exposure Conditions**

| Phantom Section | Band      | Group, UID        | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------|-----------|-------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat            | WLAN 5GHz | WLAN, 10554 - AAE | 5570.000, 114                   | 4.56              | 5.09                   | 34.5             |

**Hardware Setup**

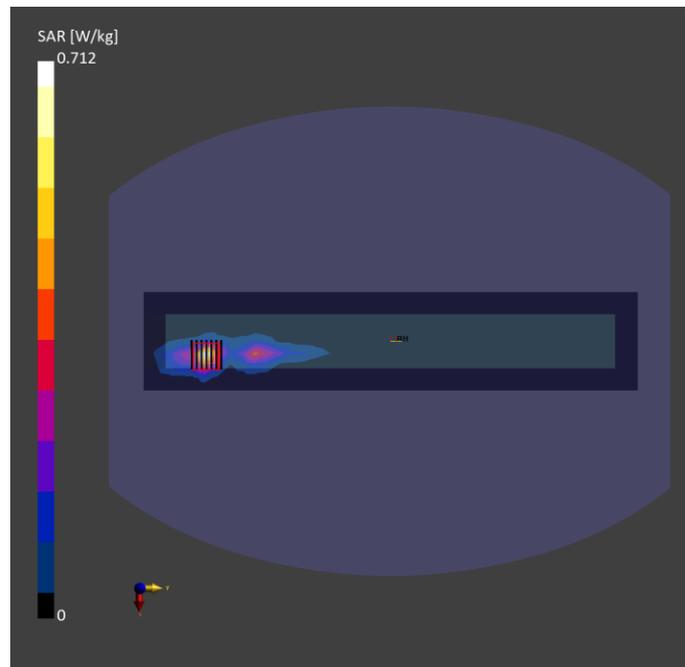
| Phantom                             | Tissue Simulating Liquid | Probe   Calibration Date     | DAE   Calibration Date   |
|-------------------------------------|--------------------------|------------------------------|--------------------------|
| ELI V8.0 (20deg probe tilt) - 2176  | HBBL-600-10000           | EX3DV4 - SN7757 / 2024-09-18 | DAE4 Sn1743 / 2024-09-19 |
| <b>Measurement Software Version</b> |                          | 16.4.0.5005                  |                          |

**Scan Setup**

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 80.0 x 400.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0  | 4.0 x 4.0 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]    | 0.464         | <b>0.522</b>  |
| psSAR-10g [W/kg]   | 0.143         | <b>0.146</b>  |
| Power Drift [dB]   |               | 0.11          |
| TSL Correction     | Positive only | Positive only |
| M2 / M1 [%]        |               | 56.1          |
| Dist 3dB Peak [mm] |               | 7.4           |



Test Date : 2025-03-05 | Ambient Temp : 22.6 °C | Tissue Temp : 22.2 °C

**Test Mode**

**5\_WLAN5.8G\_802.11ac VHT80\_Top Side\_0mm\_Ch155\_Ant 1**

**Device Under Test Properties**

| Manufacturer or Brand | Model No. or Code Name | Sample No. or IMEI | DUT Type |
|-----------------------|------------------------|--------------------|----------|
| ASUS                  | E1600WK                | A002               | Tablet   |

**Exposure Conditions**

| Phantom Section | Band      | Group, UID        | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------|-----------|-------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat            | WLAN 5GHz | WLAN, 10544 - AAD | 5775.000, 155                   | 4.51              | 5.17                   | 35.0             |

**Hardware Setup**

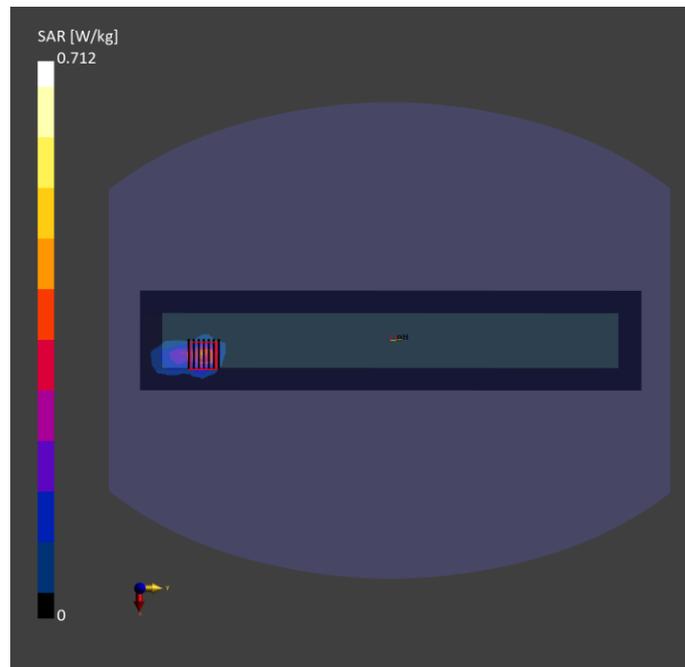
| Phantom                             | Tissue Simulating Liquid | Probe   Calibration Date     | DAE   Calibration Date   |
|-------------------------------------|--------------------------|------------------------------|--------------------------|
| ELI V8.0 (20deg probe tilt) - 2176  | HBBL-600-10000           | EX3DV4 - SN7757 / 2024-09-18 | DAE4 Sn1743 / 2024-09-19 |
| <b>Measurement Software Version</b> |                          | 16.4.0.5005                  |                          |

**Scan Setup**

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 80.0 x 400.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0  | 4.0 x 4.0 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]    | 0.309         | <b>0.350</b>  |
| psSAR-10g [W/kg]   | 0.098         | <b>0.097</b>  |
| Power Drift [dB]   |               | -0.09         |
| TSL Correction     | Positive only | Positive only |
| M2 / M1 [%]        |               | 57.8          |
| Dist 3dB Peak [mm] |               | 7.3           |



Test Date : 2025-03-04 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

**Test Mode**

**6\_Bluetooth\_GFSK\_Top Side\_0mm\_Ch78\_Ant 1**

**Device Under Test Properties**

| Manufacturer or Brand | Model No. or Code Name | Sample No. or IMEI | DUT Type |
|-----------------------|------------------------|--------------------|----------|
| ASUS                  | E1600WK                | A002               | Tablet   |

**Exposure Conditions**

| Phantom Section | Band             | Group, UID             | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------|------------------|------------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat            | ISM 2.4 GHz Band | Bluetooth, 10032 - CAA | 2480.000, 78                    | 6.64              | 1.90                   | 40.7             |

**Hardware Setup**

| Phantom                            | Tissue Simulating Liquid | Probe   Calibration Date     | DAE   Calibration Date   |
|------------------------------------|--------------------------|------------------------------|--------------------------|
| ELI V8.0 (20deg probe tilt) - 2176 | HBBL-600-10000           | EX3DV4 - SN7757 / 2024-09-18 | DAE4 Sn1743 / 2024-09-19 |
| Measurement Software Version       |                          | 16.4.0.5005                  |                          |

**Scan Setup**

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 96.0 x 408.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0  | 5.0 x 5.0 x 5.0    |
| Sensor Surface [mm] | 3.0          | 1.4                |
| Graded Grid         | N/A          | Yes                |
| Grading Ratio       | N/A          | 1.5                |

**Measurement Results**

|                    | Area Scan     | Zoom Scan     |
|--------------------|---------------|---------------|
| psSAR-1g [W/kg]    | 0.045         | <b>0.047</b>  |
| psSAR-10g [W/kg]   | 0.021         | <b>0.020</b>  |
| Power Drift [dB]   |               | -0.05         |
| TSL Correction     | Positive only | Positive only |
| M2 / M1 [%]        |               | 49.7          |
| Dist 3dB Peak [mm] |               | 9.9           |

