



**Measurement Report for A3186, BACK, Custom Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 5250000 (5250.0 MHz)**

**Device Under Test Properties**

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | Custom Band | CW, 10032-CAA | 5250.0, 5250000                 | 5.18              | 4.45                   | 33.7             |

**Hardware Setup**

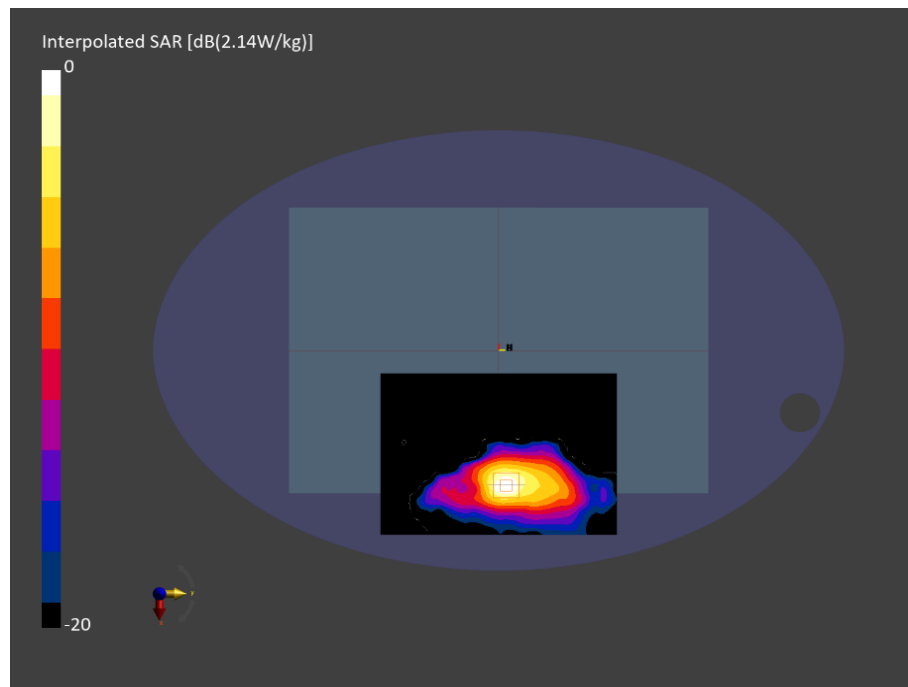
| Phantom                            | TSL, Measured Date                                                           | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|------------------------------------------------------------------------------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head 20.36 deg.C 2024-Sep-16 Sys5 B5.prn, 2024-Sep-16 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 140.0 x 200.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2024-09-18, 04:45 | 2024-09-18, 04:56 |
| psSAR1g [W/Kg]      | 0.450             | 0.517             |
| psSAR10g [W/Kg]     | 0.165             | 0.169             |
| Power Drift [dB]    | 0.13              | 0.06              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 59.7              |
| Dist 3dB Peak [mm]  |                   | 8.0               |



**Figure C.7: SAR testing results for the A3186 at 5250 MHz Core 0**



**Measurement Report for A3186, BACK, Custom Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 5250000 (5250.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | Custom Band | CW, 10032-CAA | 5250.0, 5250000                 | 5.18              | 4.45                   | 33.7             |

**Hardware Setup**

|                                    |                                                                              |                             |                           |
|------------------------------------|------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                           | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head 20.36 deg.C 2024-Sep-16 Sys5 B5.prn, 2024-Sep-16 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 140.0 x 200.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2024-09-18, 06:03 | 2024-09-18, 06:15 |
| psSAR1g [W/Kg]      | 0.363             | 0.406             |
| psSAR10g [W/Kg]     | 0.135             | 0.131             |
| Power Drift [dB]    | 0.06              | -0.04             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 60.1              |
| Dist 3dB Peak [mm]  |                   | 7.6               |

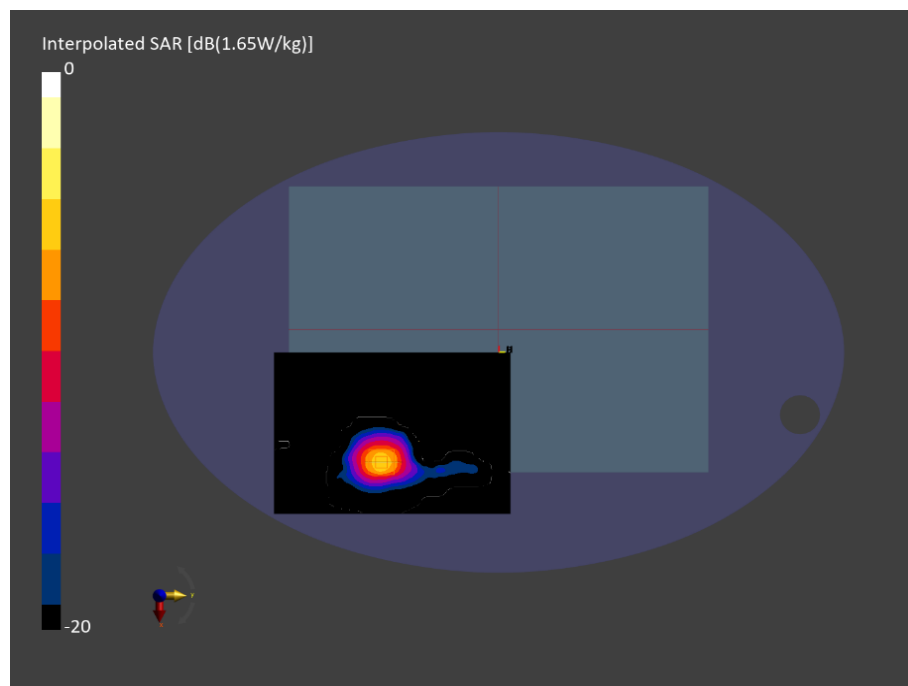


Figure C.8: SAR testing results for the A3186 at 5250 MHz Core 1



**Measurement Report for A3186, BACK, Custom Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 5850000 (5850.0 MHz)**

**Device Under Test Properties**

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | Custom Band | CW, 10032-CAA | 5850.0, 5850000                 | 4.63              | 5.09                   | 32.7             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date                                                           | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|------------------------------------------------------------------------------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head 20.36 deg.C 2024-Sep-16 Sys5 B5.prn, 2024-Sep-16 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 140.0 x 220.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2024-09-17, 20:47 | 2024-09-17, 20:58 |
| psSAR1g [W/Kg]      | 0.375             | 0.445             |
| psSAR10g [W/Kg]     | 0.141             | 0.142             |
| Power Drift [dB]    | 0.03              | -0.04             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 55.1              |
| Dist 3dB Peak [mm]  |                   | 8.0               |

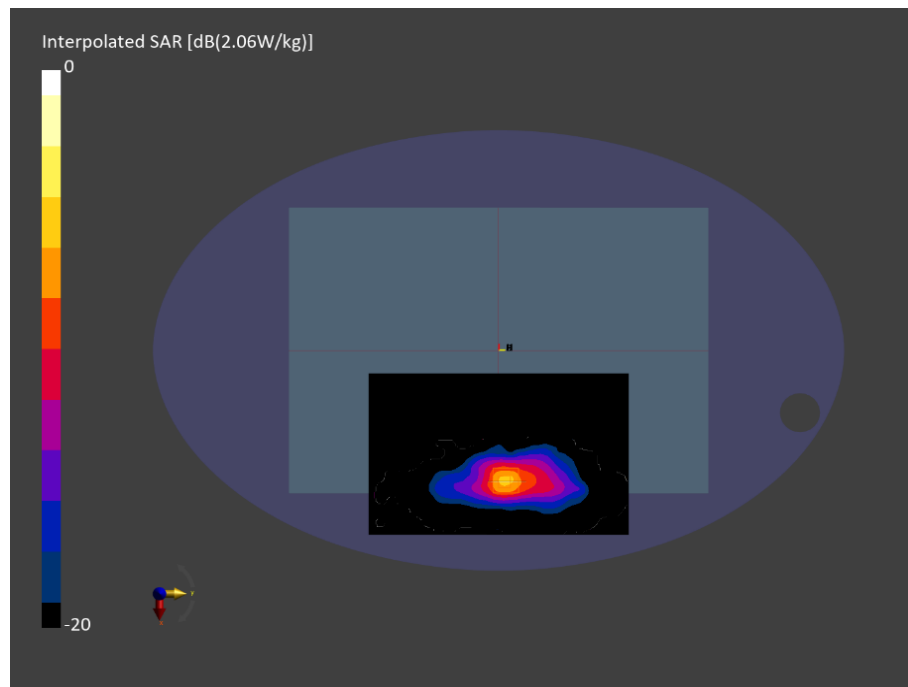


Figure C.9: SAR testing results for the A3186 at 5850 MHz Core 0



**Measurement Report for A3186, BACK, Custom Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 5850000 (5850.0 MHz)**

**Device Under Test Properties**

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | Custom Band | CW, 10032-CAA | 5850.0, 5850000                 | 4.63              | 5.09                   | 32.7             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date                                                           | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|------------------------------------------------------------------------------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head 20.36 deg.C 2024-Sep-16 Sys5 B5.prn, 2024-Sep-16 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 140.0 x 220.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2024-09-17, 23:02 | 2024-09-17, 23:10 |
| psSAR1g [W/Kg]      | 0.339             | 0.376             |
| psSAR10g [W/Kg]     | 0.129             | 0.128             |
| Power Drift [dB]    | -0.02             | 0.00              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 55.7              |
| Dist 3dB Peak [mm]  |                   | 8.4               |

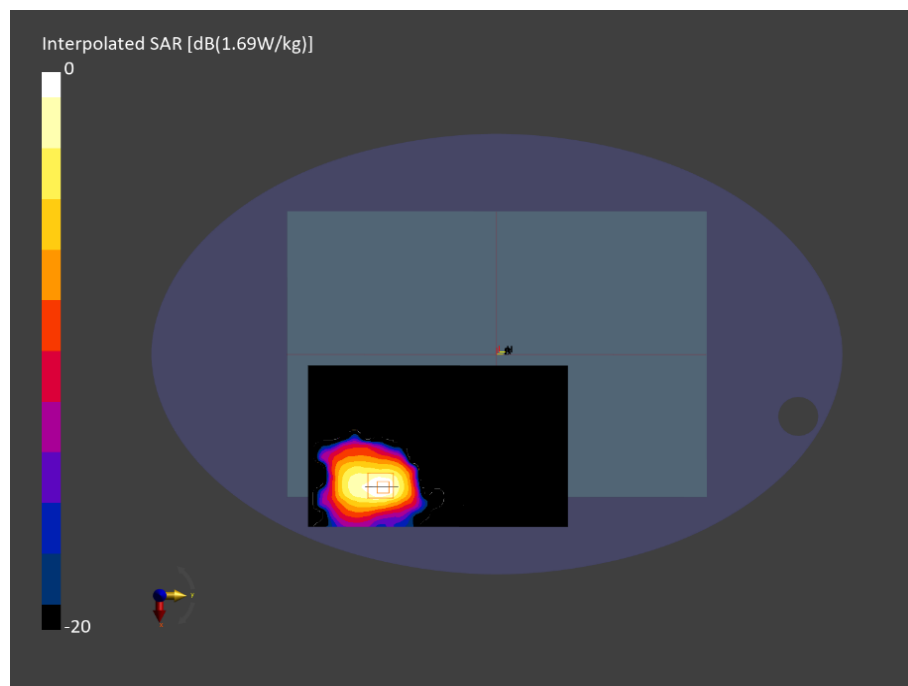


Figure C.10: SAR testing results for the A3186 at 5850 MHz Core 1



**Measurement Report for A3186, BACK, Custom Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 5250000 (5250.0 MHz)**

**Device Under Test Properties**

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | Custom Band | CW, 10032-CAA | 5250.0, 5250000                 | 5.18              | 4.51                   | 34.5             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.42 deg.C 2024-Sep-18 SYS5 B5.prn, 2024-Sep-18 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 140.0 x 220.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2024-09-18, 23:04 | 2024-09-18, 23:13 |
| psSAR1g [W/Kg]      | 0.189             | 0.226             |
| psSAR10g [W/Kg]     | 0.068             | 0.073             |
| Power Drift [dB]    | 0.20              | 0.19              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 57.5              |
| Dist 3dB Peak [mm]  |                   | 8.0               |

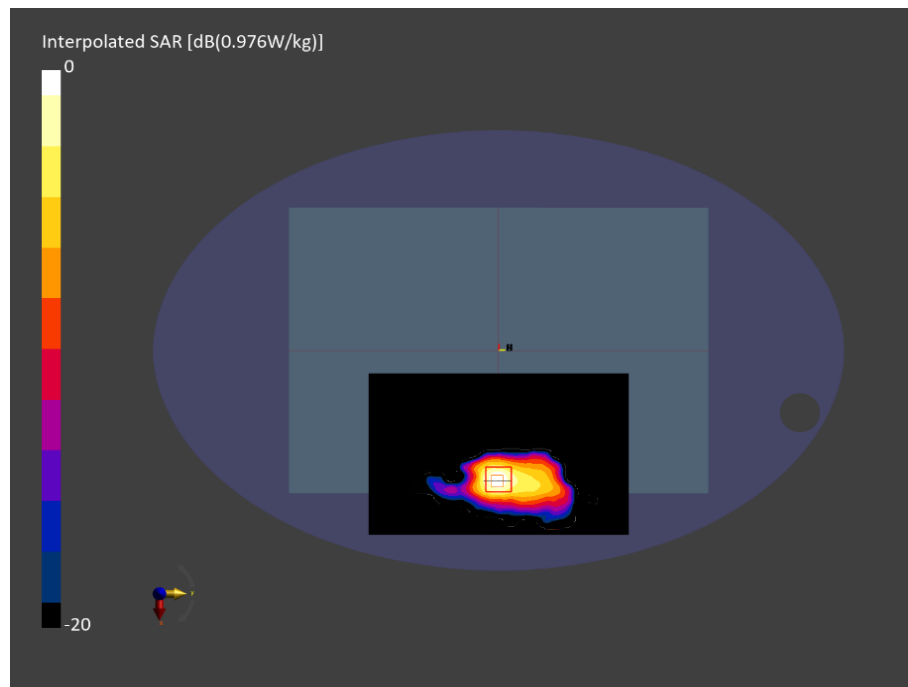


Figure C.11: SAR testing results for the A3186 at 5250 MHz Core 0



**Measurement Report for A3186, BACK, Custom Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 5250000 (5250.0 MHz)**

**Device Under Test Properties**

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | Custom Band | CW, 10032-CAA | 5250.0, 5250000                 | 5.18              | 4.51                   | 34.5             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.42 deg.C 2024-Sep-18 SYS5 B5.prn, 2024-Sep-18 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 140.0 x 220.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2024-09-19, 00:25 | 2024-09-19, 00:33 |
| psSAR1g [W/Kg]      | 0.161             | 0.169             |
| psSAR10g [W/Kg]     | 0.057             | 0.054             |
| Power Drift [dB]    | 0.14              | -0.03             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 59.1              |
| Dist 3dB Peak [mm]  |                   | 8.7               |

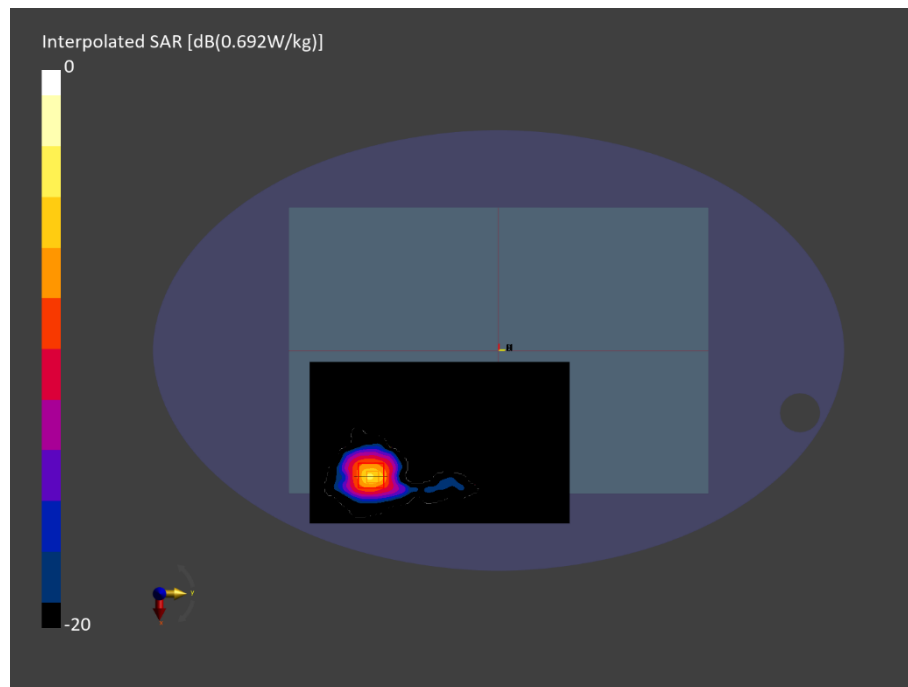


Figure C.12: SAR testing results for the A3186 at 5250 MHz Core 0



**Measurement Report for A3186, BACK, Custom Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 5850000 (5850.0 MHz)**

**Device Under Test Properties**

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | Custom Band | CW, 10032-CAA | 5850.0, 5850000                 | 4.63              | 5.18                   | 33.5             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.42 deg.C 2024-Sep-18 SYS5 B5.prn, 2024-Sep-18 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 140.0 x 200.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2024-09-18, 13:45 | 2024-09-18, 13:54 |
| psSAR1g [W/Kg]      | 0.159             | 0.176             |
| psSAR10g [W/Kg]     | 0.056             | 0.052             |
| Power Drift [dB]    | -0.13             | -0.42             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 54.3              |
| Dist 3dB Peak [mm]  |                   | 8.0               |

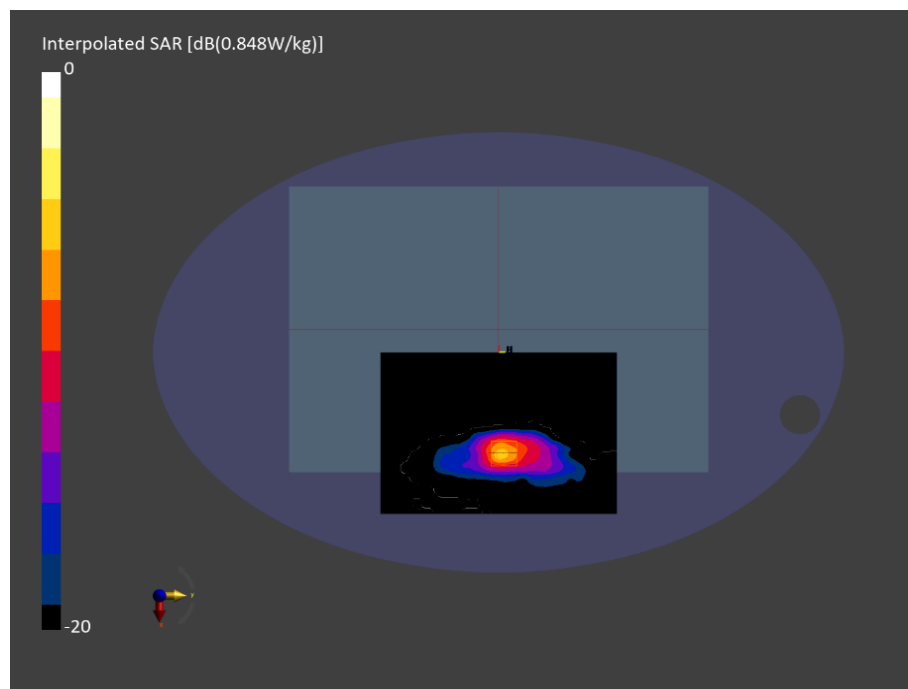


Figure C.13: SAR testing results for the A3186 at 5850 MHz Core 0



**Measurement Report for A3186, BACK, Custom Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 5850000 (5850.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | Custom Band | CW, 10032-CAA | 5850.0, 5850000                 | 4.63              | 5.18                   | 33.5             |

**Hardware Setup**

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.42 deg.C 2024-Sep-18 SYS5 B5.prn, 2024-Sep-18 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 140.0 x 200.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2024-09-18, 15:34 | 2024-09-18, 15:43 |
| psSAR1g [W/Kg]      | 0.134             | 0.139             |
| psSAR10g [W/Kg]     | 0.047             | 0.042             |
| Power Drift [dB]    | 0.33              | -0.06             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 53.9              |
| Dist 3dB Peak [mm]  |                   | 7.2               |

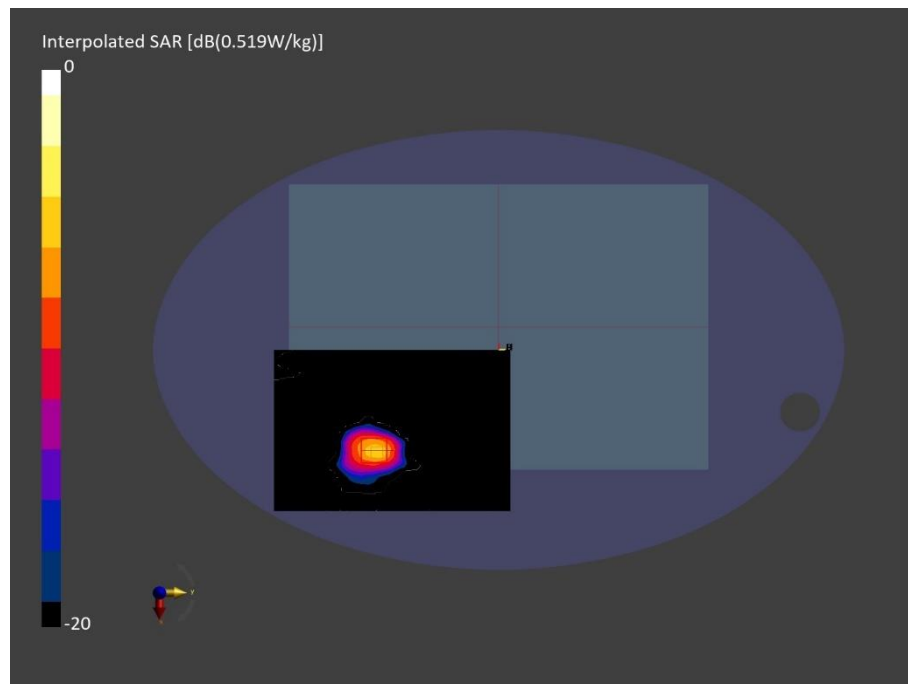


Figure C.14: SAR testing results for the A3186 at 5850 MHz Core 1



**Measurement Report for A3186, BACK, Custom Band, CW, Channel 2405000 (2405.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | Custom Band | CW, 0--    | 2405.0, 2405000                 | 7.22              | 1.76                   | 38.8             |

**Hardware Setup**

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2102 | HBBL-600-10000 DAK 3.5 Head ELI 20.86 deg.C 2024-Sep-18 SYS3 B3.prn, 2024-Sep-18 | EX3DV4 - SN7804, 2024-08-14 | DAE4ip Sn1786, 2024-08-07 |

**Scans Setup**

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 140.0 x 200.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0           | 1.4                |
| Graded Grid         | n/a           | Yes                |
| Grading Ratio       | n/a           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2024-09-18, 11:38 | 2024-09-18, 11:50 |
| psSAR1g [W/Kg]      | 0.707             | 0.721             |
| psSAR10g [W/Kg]     | 0.360             | 0.342             |
| Power Drift [dB]    | -0.10             | -0.10             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 76.5              |
| Dist 3dB Peak [mm]  |                   | 9.9               |

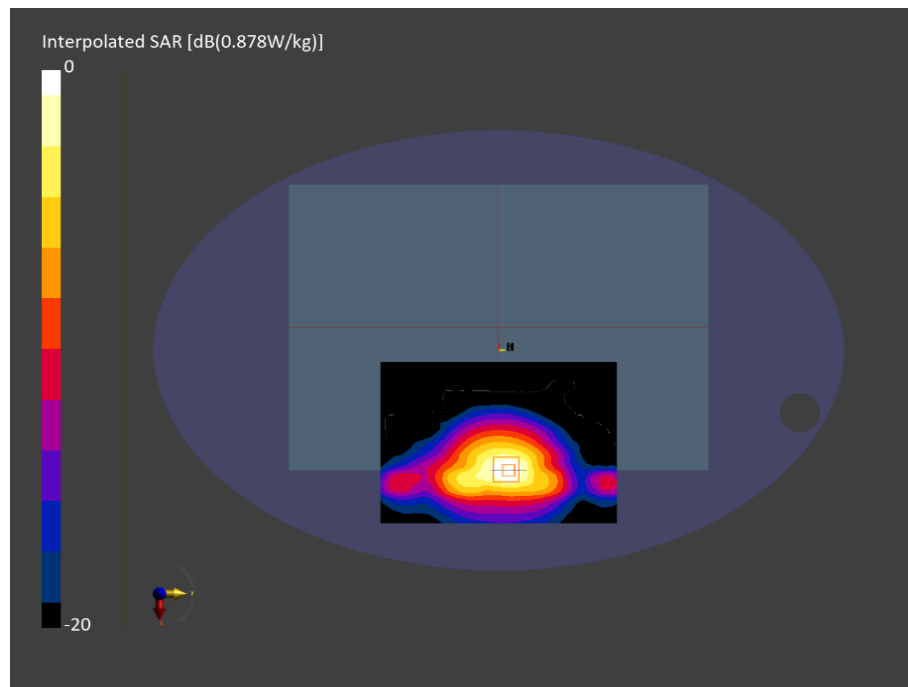


Figure C.15: SAR testing results for the A3186 at 2405 MHz Core 0



**Measurement Report for A3186, BACK, Custom Band, CW, Channel 2480000 (2480.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | Custom Band | CW, 0--    | 2480.0, 2480000                 | 7.22              | 1.82                   | 38.7             |

**Hardware Setup**

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2102 | HBBL-600-10000 DAK 3.5 Head ELI 20.86 deg.C 2024-Sep-18 SYS3 B3.prn, 2024-Sep-18 | EX3DV4 - SN7804, 2024-08-14 | DAE4ip Sn1786, 2024-08-07 |

**Scans Setup**

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 140.0 x 200.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0           | 1.4                |
| Graded Grid         | n/a           | Yes                |
| Grading Ratio       | n/a           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2024-09-18, 14:11 | 2024-09-18, 14:23 |
| psSAR1g [W/Kg]      | 0.707             | 0.739             |
| psSAR10g [W/Kg]     | 0.337             | 0.310             |
| Power Drift [dB]    | 0.01              | 0.00              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 75.6              |
| Dist 3dB Peak [mm]  |                   | 8.0               |

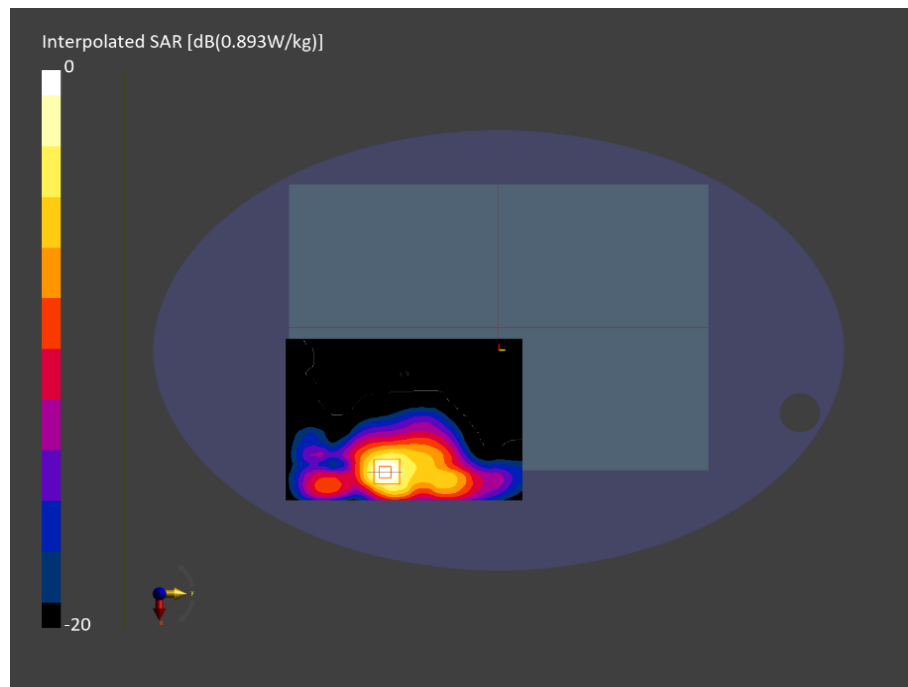


Figure C.16: SAR testing results for the A3186 at 2480 MHz Core 1



**Measurement Report for A3186, BACK, Custom Band, CW, Channel 2405000 (2405.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | Custom Band | CW, 0--    | 2405.0, 2405000                 | 7.22              | 1.76                   | 38.8             |

**Hardware Setup**

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2102 | HBBL-600-10000 DAK 3.5 Head ELI 20.86 deg.C 2024-Sep-18 SYS3 B3.prn, 2024-Sep-18 | EX3DV4 - SN7804, 2024-08-14 | DAE4ip Sn1786, 2024-08-07 |

**Scans Setup**

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 140.0 x 200.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0           | 1.4                |
| Graded Grid         | n/a           | Yes                |
| Grading Ratio       | n/a           | 1.5                |
| MAIA                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2024-09-18, 14:44 | 2024-09-18, 14:56 |
| psSAR1g [W/Kg]      | 0.039             | 0.042             |
| psSAR10g [W/Kg]     | 0.019             | 0.017             |
| Power Drift [dB]    | 0.06              | -0.10             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 73.5              |
| Dist 3dB Peak [mm]  |                   | 8.0               |

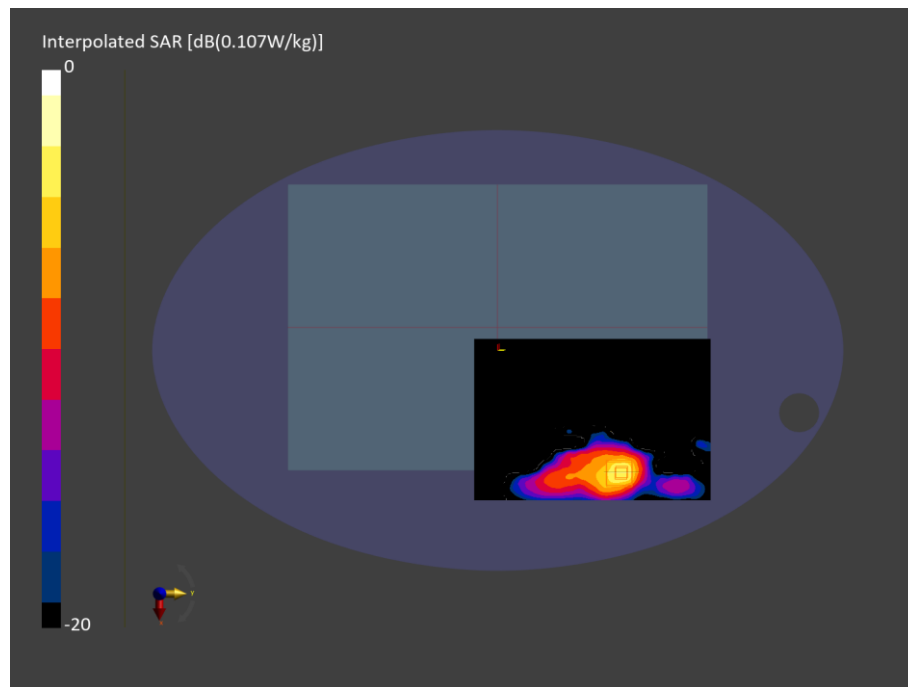


Figure C.17: SAR testing results for the A3186 at 2405 MHz Core 2



**Measurement Report for A3186, BACK, Custom Band, CW, Channel 2405000 (2405.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | Custom Band | CW, 0--    | 2405.0, 2405000                 | 7.22              | 1.76                   | 38.8             |

**Hardware Setup**

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2102 | HBBL-600-10000 DAK 3.5 Head ELI 20.86 deg.C 2024-Sep-18 SYS3 B3.prn, 2024-Sep-18 | EX3DV4 - SN7804, 2024-08-14 | DAE4ip Sn1786, 2024-08-07 |

**Scans Setup**

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 140.0 x 200.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0           | 1.4                |
| Graded Grid         | n/a           | Yes                |
| Grading Ratio       | n/a           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2024-09-18, 18:01 | 2024-09-18, 18:13 |
| psSAR1g [W/Kg]      | 0.235             | 0.243             |
| psSAR10g [W/Kg]     | 0.120             | 0.115             |
| Power Drift [dB]    | -0.04             | -0.04             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 76.1              |
| Dist 3dB Peak [mm]  |                   | 9.9               |

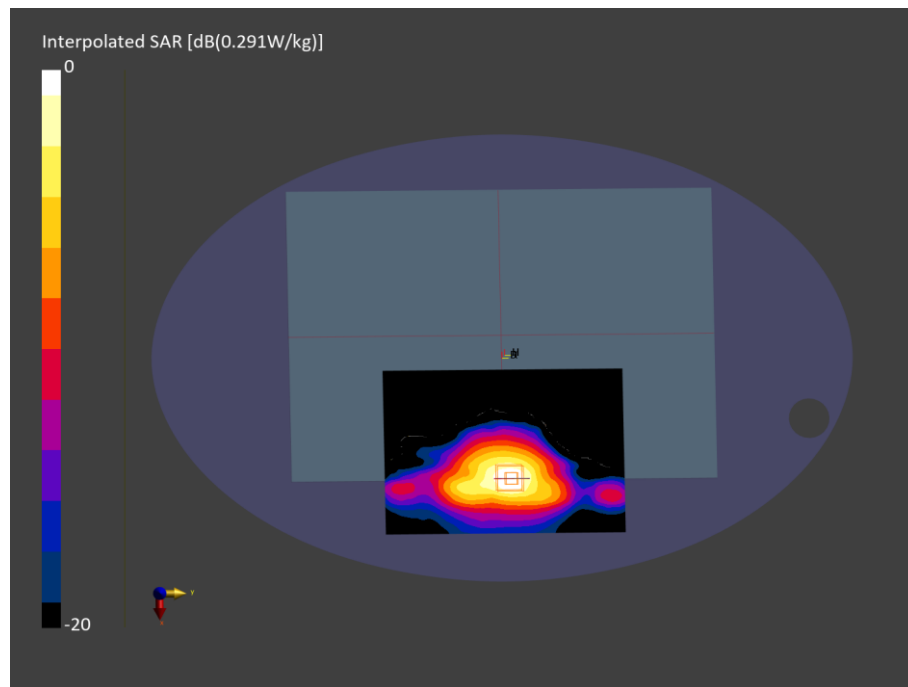


Figure C.18: SAR testing results for the A3186 at 2405 MHz Core 0



**Measurement Report for A3186, BACK, Custom Band, CW, Channel 2440000 (2440.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | Custom Band | CW, 0--    | 2440.0, 2440000                 | 7.22              | 1.79                   | 38.7             |

**Hardware Setup**

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2102 | HBBL-600-10000 DAK 3.5 Head ELI 20.86 deg.C 2024-Sep-18 SYS3 B3.prn, 2024-Sep-18 | EX3DV4 - SN7804, 2024-08-14 | DAE4ip Sn1786, 2024-08-07 |

**Scans Setup**

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 140.0 x 200.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0           | 1.4                |
| Graded Grid         | n/a           | Yes                |
| Grading Ratio       | n/a           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2024-09-18, 19:57 | 2024-09-18, 20:09 |
| psSAR1g [W/Kg]      | 0.186             | 0.188             |
| psSAR10g [W/Kg]     | 0.085             | 0.081             |
| Power Drift [dB]    | 0.05              | 0.03              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 74.8              |
| Dist 3dB Peak [mm]  |                   | 8.6               |

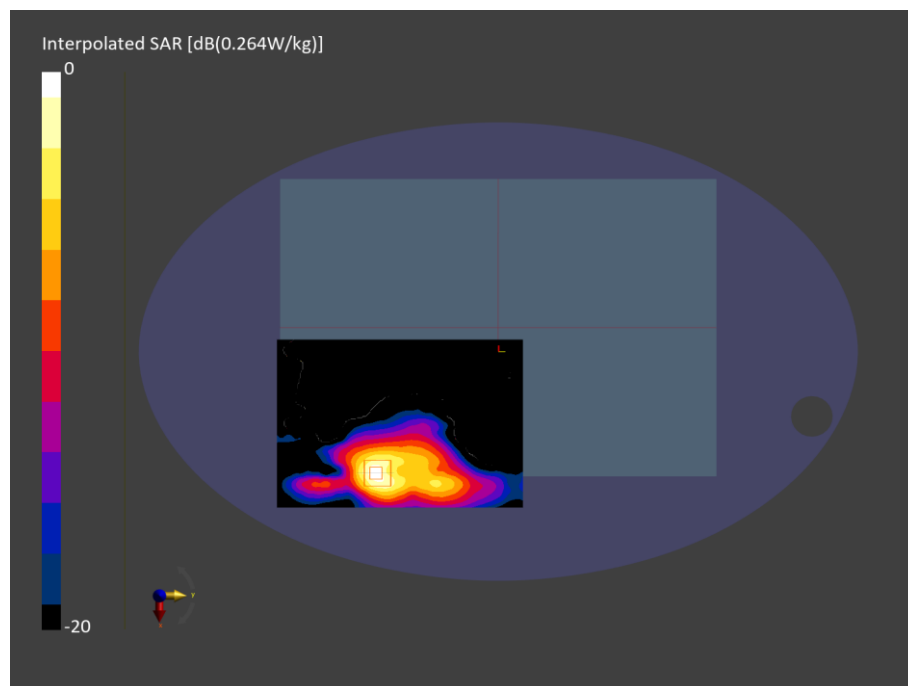


Figure C.19: SAR testing results for the A3186 at 2440 MHz Core 1



**Measurement Report for A3186, BACK, Custom Band, CW, Channel 2405000 (2405.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | Custom Band | CW, 0--    | 2405.0, 2405000                 | 7.22              | 1.76                   | 38.8             |

**Hardware Setup**

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2102 | HBBL-600-10000 DAK 3.5 Head ELI 20.86 deg.C 2024-Sep-18 SYS3 B3.prn, 2024-Sep-18 | EX3DV4 - SN7804, 2024-08-14 | DAE4ip Sn1786, 2024-08-07 |

**Scans Setup**

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 140.0 x 200.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0           | 1.4                |
| Graded Grid         | n/a           | Yes                |
| Grading Ratio       | n/a           | 1.5                |
| MAIA                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2024-09-18, 14:44 | 2024-09-18, 14:56 |
| psSAR1g [W/Kg]      | 0.039             | 0.042             |
| psSAR10g [W/Kg]     | 0.019             | 0.017             |
| Power Drift [dB]    | 0.06              | -0.10             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 73.5              |
| Dist 3dB Peak [mm]  |                   | 8.0               |

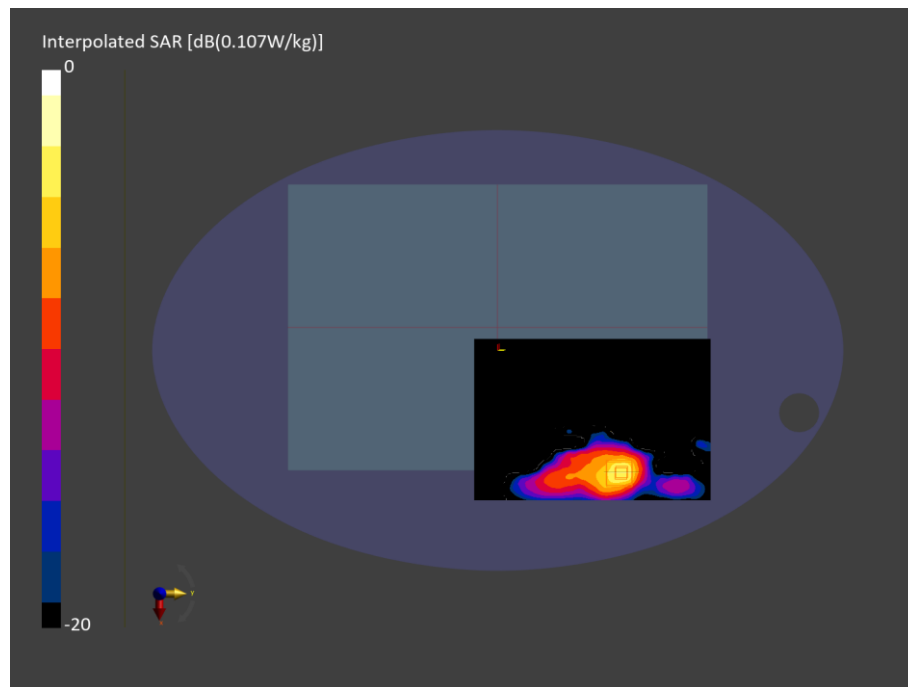


Figure C.20: SAR testing results for the A3186 at 2405 MHz Core 2



Measurement Report for A3186, BACK, WLAN 2.4GHz, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), Channel 1 (2412.0 MHz)

Device Under Test Properties

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

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            | BACK, 0.00                   | WLAN 2.4GHz | WLAN, 10415-AAA | 2412.0, 1                       | 7.22              | 1.76                   | 38.8             |

Hardware Setup

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2102 | HBBL-600-10000 DAK 3.5 Head ELI 20.86 deg.C 2024-Sep-18 SYS3 B3.prn, 2024-Sep-18 | EX3DV4 - SN7804, 2024-08-14 | DAE4ip Sn1786, 2024-08-07 |

Scans Setup

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 140.0 x 200.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0           | 1.4                |
| Graded Grid         | n/a           | Yes                |
| Grading Ratio       | n/a           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2024-09-18, 23:20 | 2024-09-18, 23:31 |
| psSAR1g [W/Kg]      | 0.722             | 0.725             |
| psSAR10g [W/Kg]     | 0.353             | 0.338             |
| Power Drift [dB]    | 0.00              | 0.01              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 75.3              |
| Dist 3dB Peak [mm]  |                   | 9.0               |

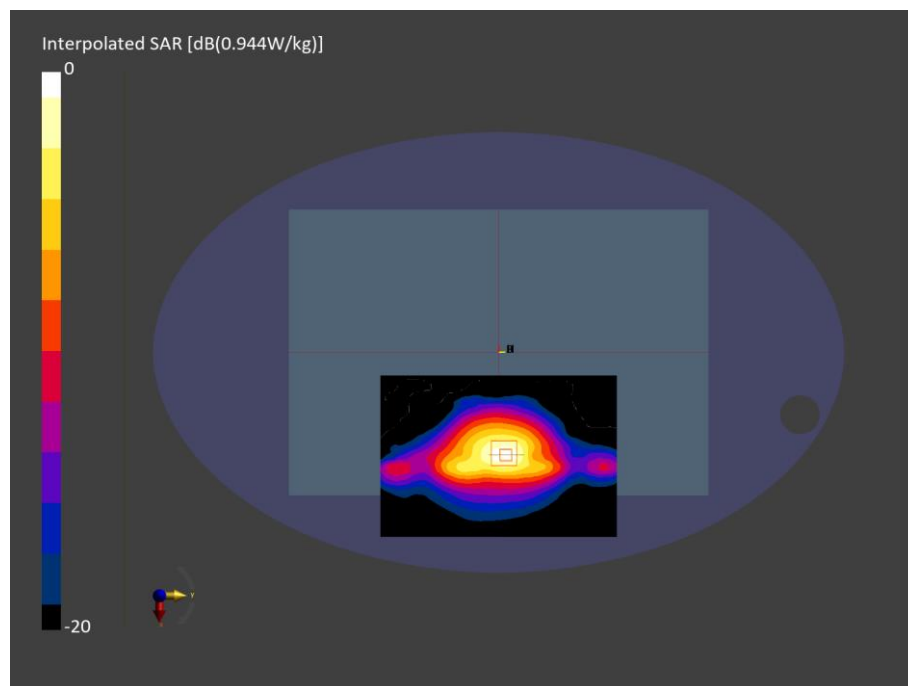


Figure C.21: SAR testing results for the A3186 at 2412 MHz Core 0



Measurement Report for A3186, BACK, WLAN 2.4GHz, IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle), Channel 6 (2437.0 MHz)

Device Under Test Properties

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

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            | BACK, 0.00                   | WLAN 2.4GHz | WLAN, 10416-AAA | 2437.0, 6                       | 7.22              | 1.78                   | 38.7             |

Hardware Setup

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2102 | HBBL-600-10000 DAK 3.5 Head ELI 20.86 deg.C 2024-Sep-18 SYS3 B3.prn, 2024-Sep-18 | EX3DV4 - SN7804, 2024-08-14 | DAE4ip Sn1786, 2024-08-07 |

Scans Setup

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 140.0 x 200.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0           | 1.4                |
| Graded Grid         | n/a           | Yes                |
| Grading Ratio       | n/a           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2024-09-19, 01:57 | 2024-09-19, 02:08 |
| psSAR1g [W/Kg]      | 0.852             | 0.857             |
| psSAR10g [W/Kg]     | 0.411             | 0.394             |
| Power Drift [dB]    | -0.01             | 0.01              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 74.4              |
| Dist 3dB Peak [mm]  |                   | 9.0               |

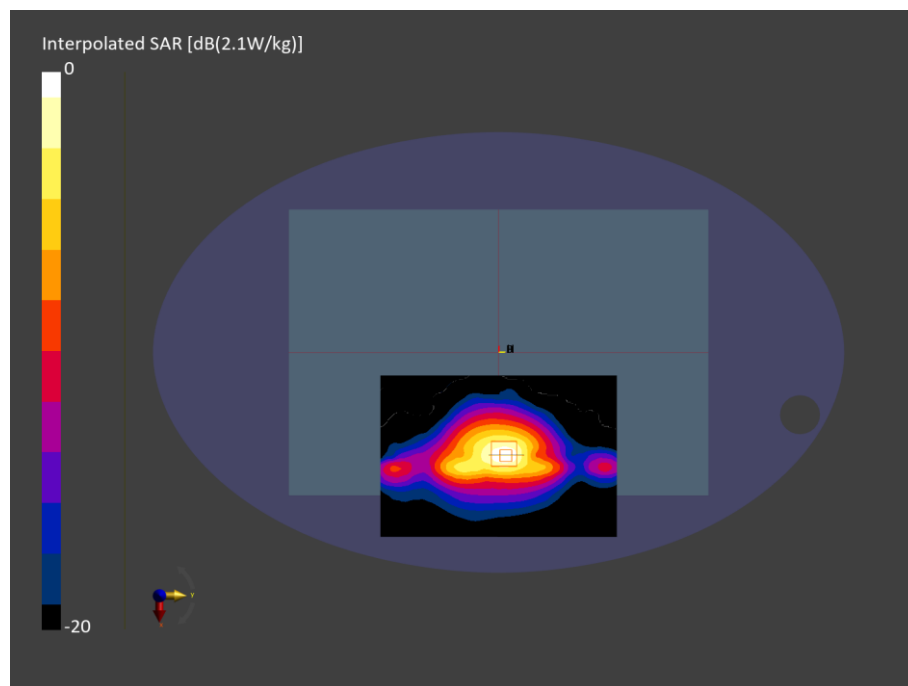


Figure C.22: SAR testing results for the A3186 at 2437 MHz Core 0



Measurement Report for A3186, BACK, WLAN 2.4GHz, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), Channel 11 (2462.0 MHz)

Device Under Test Properties

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

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            | BACK, 0.00                   | WLAN 2.4GHz | WLAN, 10415-AAA | 2462.0, 11                      | 7.22              | 1.80                   | 38.7             |

Hardware Setup

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2102 | HBBL-600-10000 DAK 3.5 Head ELI 20.86 deg.C 2024-Sep-18 SYS3 B3.prn, 2024-Sep-18 | EX3DV4 - SN7804, 2024-08-14 | DAE4ip Sn1786, 2024-08-07 |

Scans Setup

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 140.0 x 200.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0           | 1.4                |
| Graded Grid         | n/a           | Yes                |
| Grading Ratio       | n/a           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2024-09-19, 04:38 | 2024-09-19, 04:50 |
| psSAR1g [W/Kg]      | 0.607             | 0.608             |
| psSAR10g [W/Kg]     | 0.283             | 0.260             |
| Power Drift [dB]    | 0.02              | 0.02              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 75.0              |
| Dist 3dB Peak [mm]  |                   | 8.0               |

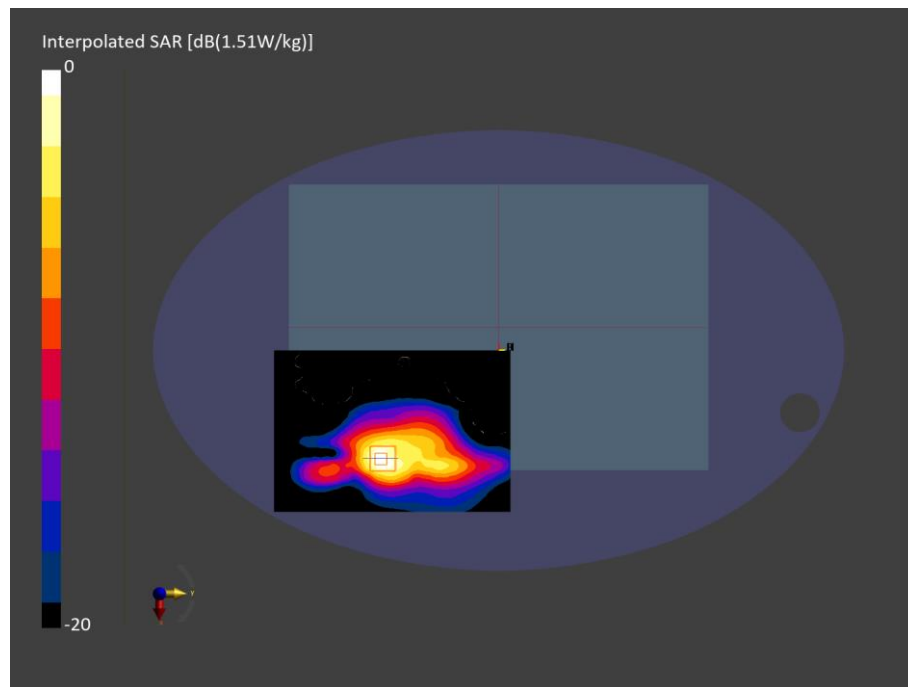


Figure C.23: SAR testing results for the A3186 at 2462 MHz Core 1



Measurement Report for A3186, BACK, WLAN 2.4GHz, IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle), Channel 6 (2437.0 MHz)

Device Under Test Properties

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

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            | BACK, 0.00                   | WLAN 2.4GHz | WLAN, 10416-AAA | 2437.0, 6                       | 7.22              | 1.78                   | 38.7             |

Hardware Setup

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2102 | HBBL-600-10000 DAK 3.5 Head ELI 20.86 deg.C 2024-Sep-18 SYS3 B3.prn, 2024-Sep-18 | EX3DV4 - SN7804, 2024-08-14 | DAE4ip Sn1786, 2024-08-07 |

Scans Setup

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 140.0 x 200.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0           | 1.4                |
| Graded Grid         | n/a           | Yes                |
| Grading Ratio       | n/a           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2024-09-19, 06:14 | 2024-09-19, 06:25 |
| psSAR1g [W/Kg]      | 0.697             | 0.704             |
| psSAR10g [W/Kg]     | 0.326             | 0.303             |
| Power Drift [dB]    | 0.02              | 0.10              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 74.9              |
| Dist 3dB Peak [mm]  |                   | 8.6               |

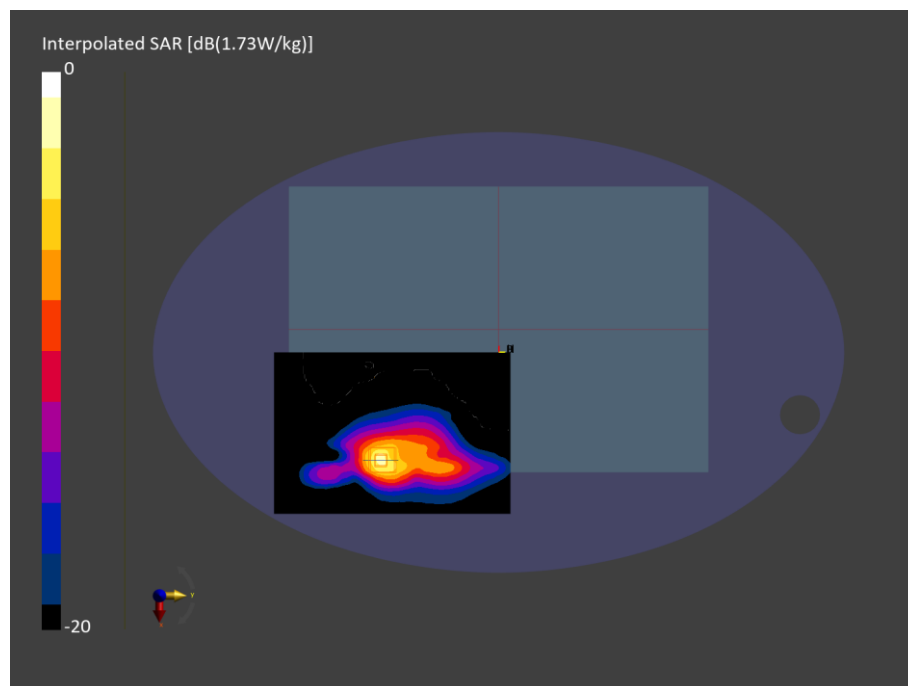


Figure C.24: SAR testing results for the A3186 at 2437 MHz Core 1



**Measurement Report for A3186, BACK, WLAN 2.4GHz, IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK), Channel 6 (2437.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | WLAN 2.4GHz | WLAN, 10196-CAD | , 6                             | 7.22              | 1.78                   | 38.7             |

**Hardware Setup**

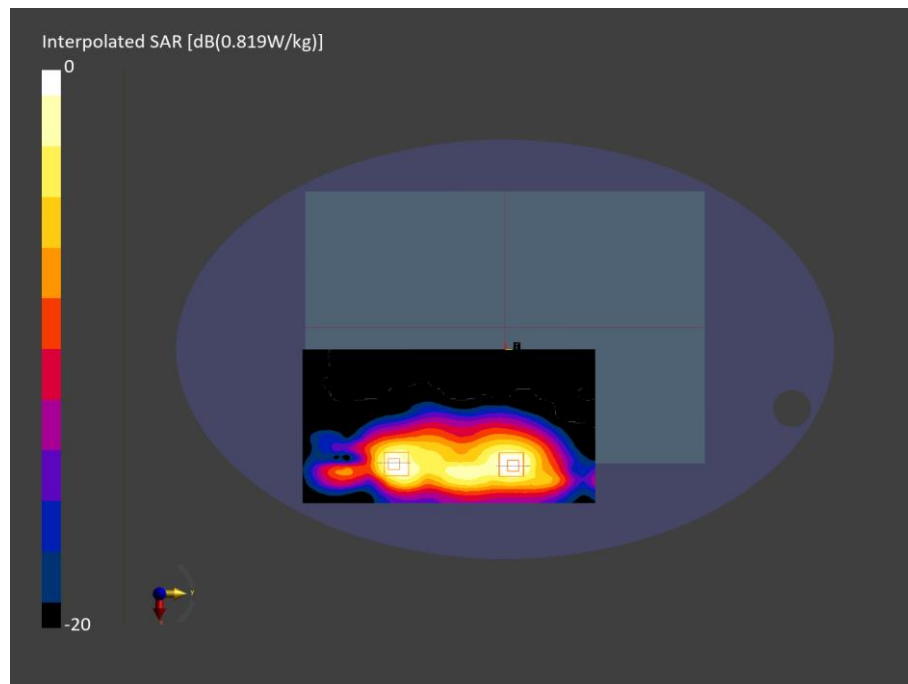
|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2102 | HBBL-600-10000 DAK 3.5 Head ELI 20.86 deg.C 2024-Sep-18 SYS3 B3.prn, 2024-Sep-18 | EX3DV4 - SN7804, 2024-08-14 | DAE4ip Sn1786, 2024-08-07 |

**Scans Setup**

|                     |             |                    |                    |
|---------------------|-------------|--------------------|--------------------|
|                     | Area Scan   | Zoom Scan          | Zoom Scan          |
| Grid Extents [mm]   | x 260.0     | 30.0 x 30.0 x 30.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 5.0 x 5.0 x 1.5    | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                | 1.4                |
| Graded Grid         | n/a         | Yes                | Yes                |
| Grading Ratio       | n/a         | 1.5                | 1.5                |
| MAIA                | N/A         | N/A                | N/A                |
| Surface Detection   | VMS + 6p    | VMS + 6p           | VMS + 6p           |
| Scan Method         | Measured    | Measured           | Measured           |

**Measurement Results**

|                           |                   |                   |                   |
|---------------------------|-------------------|-------------------|-------------------|
|                           | Area Scan         | Zoom Scan         | Zoom Scan         |
| Date                      | 2024-09-19, 11:33 | 2024-09-19, 11:44 | 2024-09-19, 11:56 |
| psSAR1g [W/kg]            | 0.640             | 0.630             | 0.681             |
| psSAR10g [W/kg]           | 0.326             | 0.277             | 0.320             |
| psAPD (4.0cm2, sq) [W/m2] |                   | n/a               | n/a               |
| Power Drift [dB]          | 0.00              | -0.01             | -0.01             |
| Power Scaling             | Disabled          | Disabled          | Disabled          |
| Scaling Factor [dB]       |                   |                   |                   |
| TSL Correction            | Positive only     | Positive only     | Positive only     |
| M2/M1 [%]                 |                   | 74.8              | 75.1              |
| Dist 3dB Peak [mm]        |                   | 8.6               | 9.0               |



**Figure C.25: SAR testing results for the A3186 at 2437 MHz Core 0 & Core 1**



**Measurement Report for A3186, BACK, U-NII-1, U-NII-2A, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 42 (5210.0 MHz)**

**Device Under Test Properties**

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | U-NII-1, U-NII-2A | WLAN, 10544-AAC | 5210.0, 42                      | 5.18              | 4.47                   | 34.6             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.42 deg.C 2024-Sep-18 SYS5 B5.prn, 2024-Sep-18 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 140.0 x 200.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2024-09-19, 06:53 | 2024-09-19, 07:01 |
| psSAR1g [W/Kg]      | 0.462             | 0.535             |
| psSAR10g [W/Kg]     | 0.170             | 0.175             |
| Power Drift [dB]    | 0.05              | 0.03              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 59.7              |
| Dist 3dB Peak [mm]  |                   | 7.6               |

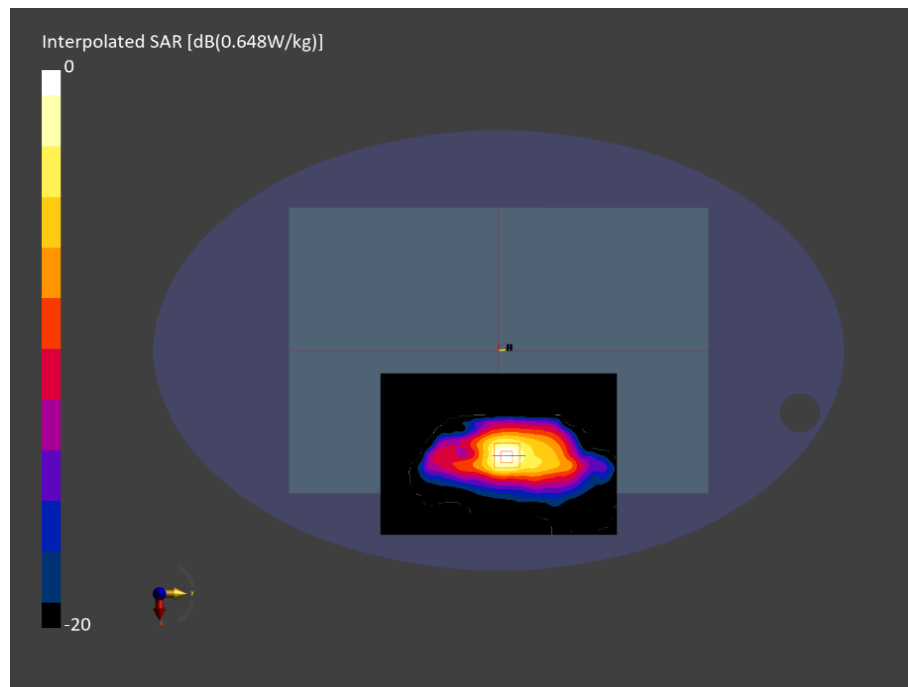


Figure C.26: SAR testing results for the A3186 at 5210 MHz Core 0



**Measurement Report for A3186, BACK, U-NII-1, U-NII-2A, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 42 (5210.0 MHz)**

**Device Under Test Properties**

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | U-NII-1, U-NII-2A | WLAN, 10544-AAC | 5210.0, 42                      | 5.18              | 4.47                   | 34.6             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.42 deg.C 2024-Sep-18 SYS5 B5.prn, 2024-Sep-18 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 140.0 x 200.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2024-09-19, 07:13 | 2024-09-19, 07:21 |
| psSAR1g [W/Kg]      | 0.576             | 0.622             |
| psSAR10g [W/Kg]     | 0.210             | 0.214             |
| Power Drift [dB]    | 0.11              | -0.02             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 60.9              |
| Dist 3dB Peak [mm]  |                   | 8.0               |

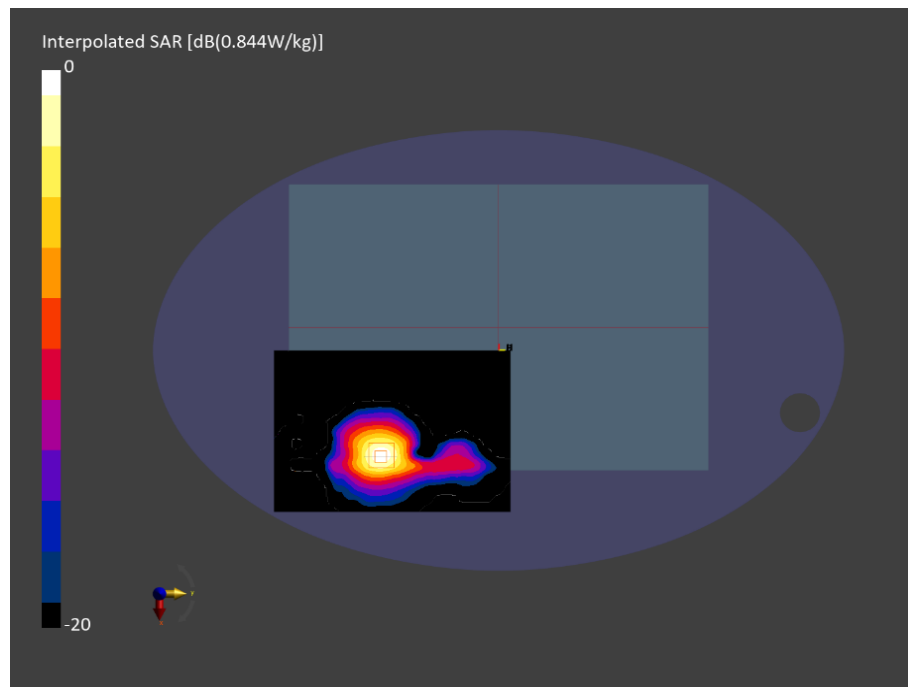


Figure C.27: SAR testing results for the A3186 at 5210 MHz Core 1



**Measurement Report for A3186, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 42 (5210.0 MHz)**

**Device Under Test Properties**

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | WLAN 5GHz | WLAN, 10544-AAC | , 42                            | 5.18              | 4.47                   | 34.6             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.42 deg.C 2024-Sep-18 SYS5 B5.prn, 2024-Sep-18 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     | Area Scan   | Zoom Scan          | Zoom Scan          |
|---------------------|-------------|--------------------|--------------------|
| Grid Extents [mm]   | x 260.0     | 22.0 x 22.0 x 22.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                | 1.4                |
| Graded Grid         | n/a         | Yes                | Yes                |
| Grading Ratio       | n/a         | 1.4                | 1.4                |
| MAIA                | Y           | N/A                | N/A                |
| Surface Detection   | VMS + 6p    | VMS + 6p           | VMS + 6p           |
| Scan Method         | Measured    | Measured           | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|-------------------|
| Date                | 2024-09-19, 11:40 | 2024-09-19, 11:52 | 2024-09-19, 12:01 |
| psSAR1g [W/Kg]      | 0.477             | 0.509             | 0.493             |
| psSAR10g [W/Kg]     | 0.176             | 0.178             | 0.166             |
| Power Drift [dB]    | 0.10              | 0.07              | -0.03             |
| Power Scaling       | Disabled          | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |                   |
| TSL Correction      | Positive only     | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 60.7              | 59.3              |
| Dist 3dB Peak [mm]  |                   | 9.2               | 8.0               |

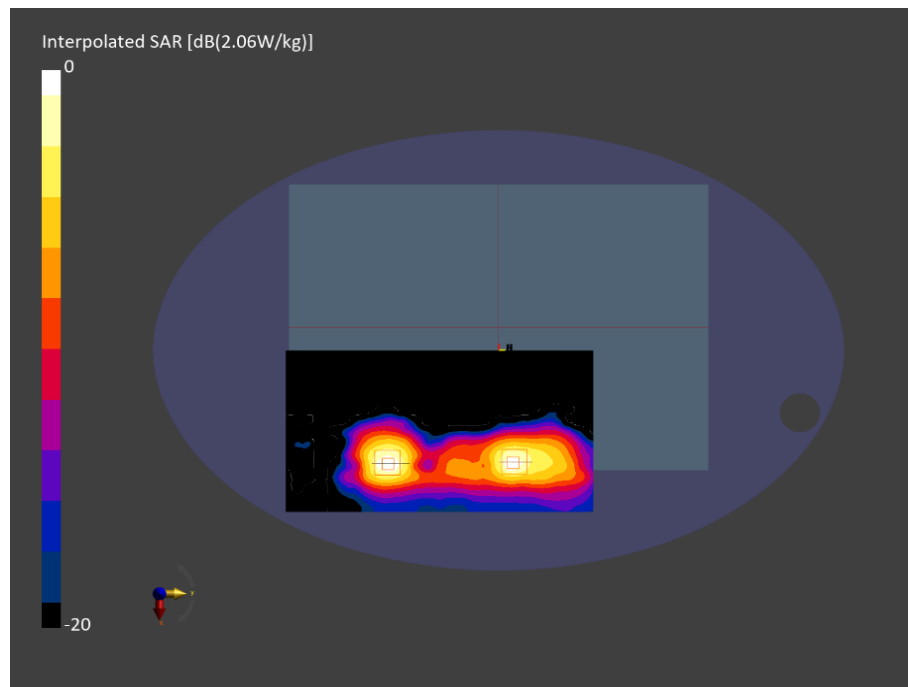


Figure C.28: SAR testing results for the A3186 at 5210 MHz Core 0 & Core 1



**Measurement Report for A3186, BACK, U-NII-1, U-NII-2A, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 58 (5290.0 MHz)**

**Device Under Test Properties**

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | U-NII-1, U-NII-2A | WLAN, 10544-AAC | 5290.0, 58                      | 5.01              | 4.55                   | 34.5             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.42 deg.C 2024-Sep-18 SYS5 B5.prn, 2024-Sep-18 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 140.0 x 200.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2024-09-19, 06:34 | 2024-09-19, 06:41 |
| psSAR1g [W/Kg]      | 0.530             | 0.598             |
| psSAR10g [W/Kg]     | 0.194             | 0.196             |
| Power Drift [dB]    | 0.12              | -0.13             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 59.9              |
| Dist 3dB Peak [mm]  |                   | 7.9               |

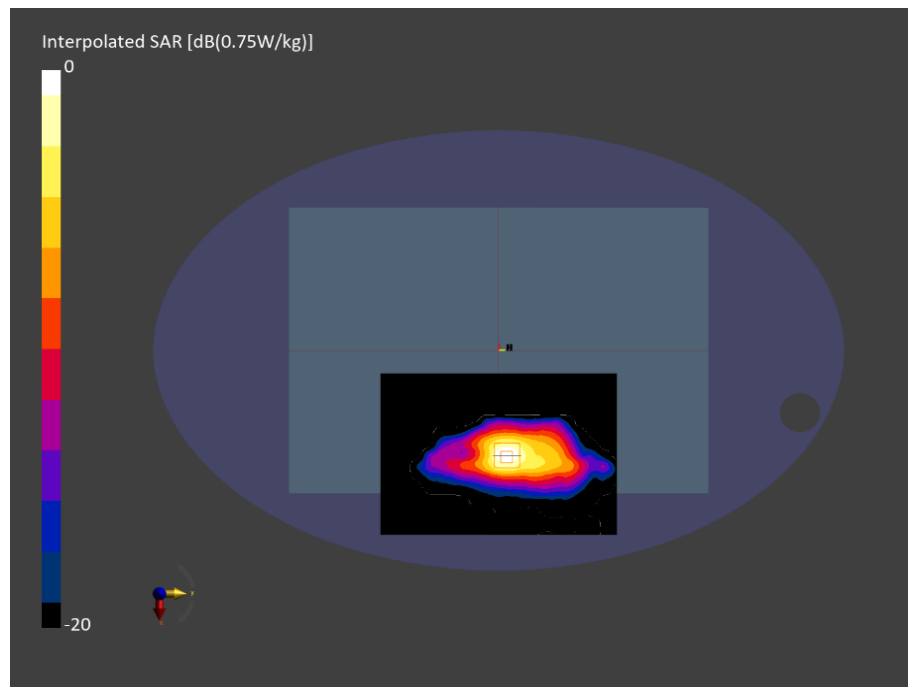


Figure C.29: SAR testing results for the A3186 at 5290 MHz Core 0



**Measurement Report for A3186, BACK, WLAN 5GHz, IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK), Channel 62 (5310.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | WLAN 5GHz | WLAN, 10117-CAD | 5310.0, 62                      | 5.01              | 4.57                   | 34.3             |

**Hardware Setup**

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.71 deg.C 2024-Sep-20 SYS5 B5.prn, 2024-Sep-20 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 140.0 x 200.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2024-09-21, 01:15 | 2024-09-21, 01:23 |
| psSAR1g [W/Kg]      | 0.705             | 0.771             |
| psSAR10g [W/Kg]     | 0.270             | 0.273             |
| Power Drift [dB]    | 0.02              | -0.01             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 60.7              |
| Dist 3dB Peak [mm]  |                   | 8.7               |

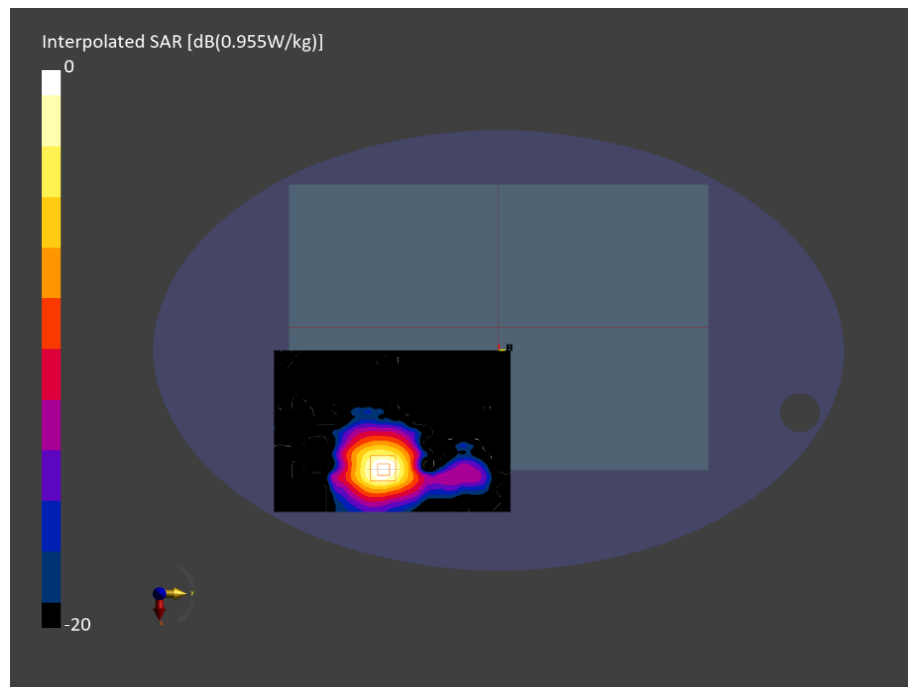


Figure C.30: SAR testing results for the A3186 at 5310 MHz Core 1



**Measurement Report for A3186, BACK, WLAN 5GHz, IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK), Channel 54 (5270.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | WLAN 5GHz | WLAN, 10117-CAD | , 54                            | 5.01              | 4.53                   | 34.5             |

**Hardware Setup**

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.42 deg.C 2024-Sep-18 SYS5 B5.prn, 2024-Sep-18 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     |             |                    |                    |
|---------------------|-------------|--------------------|--------------------|
|                     | Area Scan   | Zoom Scan          | Zoom Scan          |
| Grid Extents [mm]   | x 260.0     | 22.0 x 22.0 x 22.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                | 1.4                |
| Graded Grid         | n/a         | Yes                | Yes                |
| Grading Ratio       | n/a         | 1.4                | 1.4                |
| MAIA                | Y           | N/A                | N/A                |
| Surface Detection   | VMS + 6p    | VMS + 6p           | VMS + 6p           |
| Scan Method         | Measured    | Measured           | Measured           |

**Measurement Results**

|                     |                   |                   |                   |
|---------------------|-------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         | Zoom Scan         |
| Date                | 2024-09-19, 14:31 | 2024-09-19, 14:42 | 2024-09-19, 14:54 |
| psSAR1g [W/Kg]      | 0.592             | 0.623             | 0.516             |
| psSAR10g [W/Kg]     | 0.225             | 0.222             | 0.176             |
| Power Drift [dB]    | 0.03              | 0.04              | 0.04              |
| Power Scaling       | Disabled          | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |                   |
| TSL Correction      | Positive only     | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 61.3              | 60.1              |
| Dist 3dB Peak [mm]  |                   | 8.8               | 8.8               |

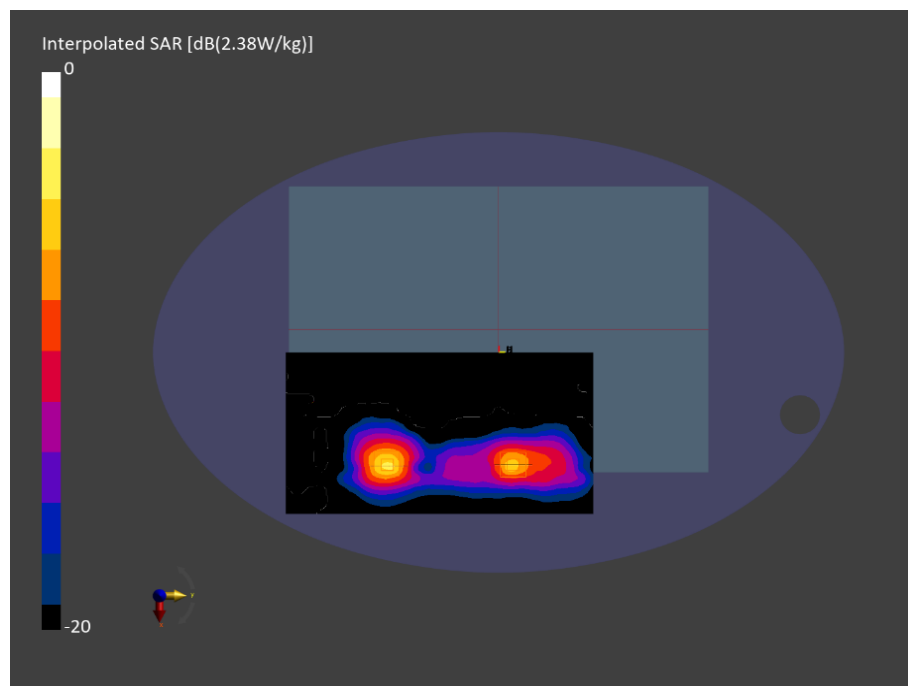


Figure C.31: SAR testing results for the A3186 at 5270 MHz Core 0 & Core 1



**Measurement Report for A3186, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 138 (5690.0 MHz)**

**Device Under Test Properties**

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | WLAN 5GHz | WLAN, 10544-AAC | 5690.0, 138                     | 4.56              | 5.00                   | 33.8             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.42 deg.C 2024-Sep-18 SYS5 B5.prn, 2024-Sep-18 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 140.0 x 220.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2024-09-19, 19:00 | 2024-09-19, 19:10 |
| psSAR1g [W/Kg]      | 0.710             | 0.780             |
| psSAR10g [W/Kg]     | 0.245             | 0.245             |
| Power Drift [dB]    | 0.11              | 0.05              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 57.2              |
| Dist 3dB Peak [mm]  |                   | 7.9               |

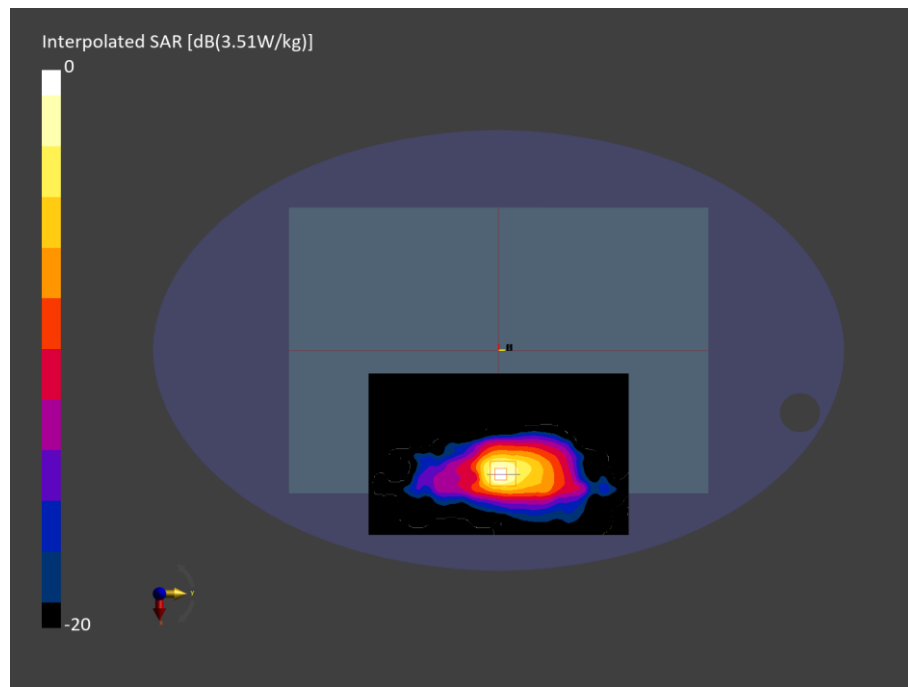


Figure C.32: SAR testing results for the A3186 at 5610 MHz Core 0



**Measurement Report for A3186, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 138 (5690.0 MHz)**

**Device Under Test Properties**

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | WLAN 5GHz | WLAN, 10544-AAC | 5690.0, 138                     | 4.56              | 5.00                   | 33.8             |

**Hardware Setup**

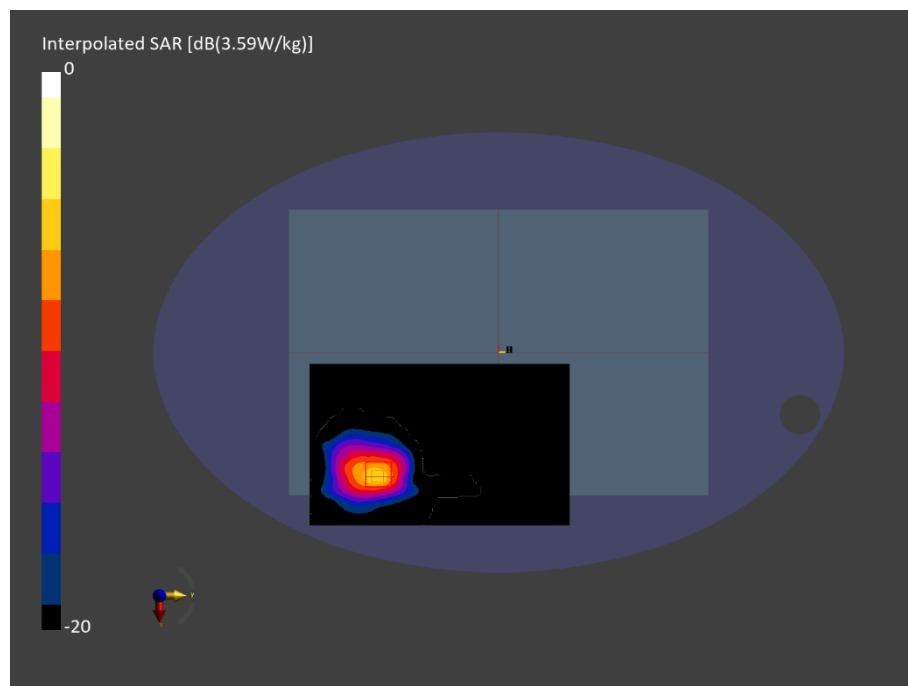
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.42 deg.C 2024-Sep-18 SYS5 B5.prn, 2024-Sep-18 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 140.0 x 220.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2024-09-19, 21:33 | 2024-09-19, 21:42 |
| psSAR1g [W/Kg]      | 0.802             | 0.853             |
| psSAR10g [W/Kg]     | 0.300             | 0.288             |
| Power Drift [dB]    | 0.07              | 0.01              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 57.9              |
| Dist 3dB Peak [mm]  |                   | 8.0               |



**Figure C.33: SAR testing results for the A3186 at 5690 MHz Core 0 & Core 1**



Measurement Report for A3186, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 138 (5690.0 MHz)

Device Under Test Properties

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

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            | BACK, 0.00                   | WLAN 5GHz | WLAN, 10544-AAC | , 138                           | 4.56              | 5.00                   | 33.8             |

Hardware Setup

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.42 deg.C 2024-Sep-18 SYS5 B5.prn, 2024-Sep-18 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

Scans Setup

|                     |             |                    |                    |
|---------------------|-------------|--------------------|--------------------|
|                     | Area Scan   | Zoom Scan          | Zoom Scan          |
| Grid Extents [mm]   | x 260.0     | 22.0 x 22.0 x 22.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                | 1.4                |
| Graded Grid         | n/a         | Yes                | Yes                |
| Grading Ratio       | n/a         | 1.4                | 1.4                |
| MAIA                | Y           | N/A                | N/A                |
| Surface Detection   | VMS + 6p    | VMS + 6p           | VMS + 6p           |
| Scan Method         | Measured    | Measured           | Measured           |

Measurement Results

|                     |                   |                   |                   |
|---------------------|-------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         | Zoom Scan         |
| Date                | 2024-09-19, 23:07 | 2024-09-19, 23:16 | 2024-09-19, 23:25 |
| psSAR1g [W/Kg]      | 0.817             | 0.840             | 0.780             |
| psSAR10g [W/Kg]     | 0.304             | 0.284             | 0.246             |
| Power Drift [dB]    | 0.05              | -0.04             | 0.01              |
| Power Scaling       | Disabled          | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |                   |
| TSL Correction      | Positive only     | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 58.2              | 57.1              |
| Dist 3dB Peak [mm]  |                   | 7.9               | 8.0               |

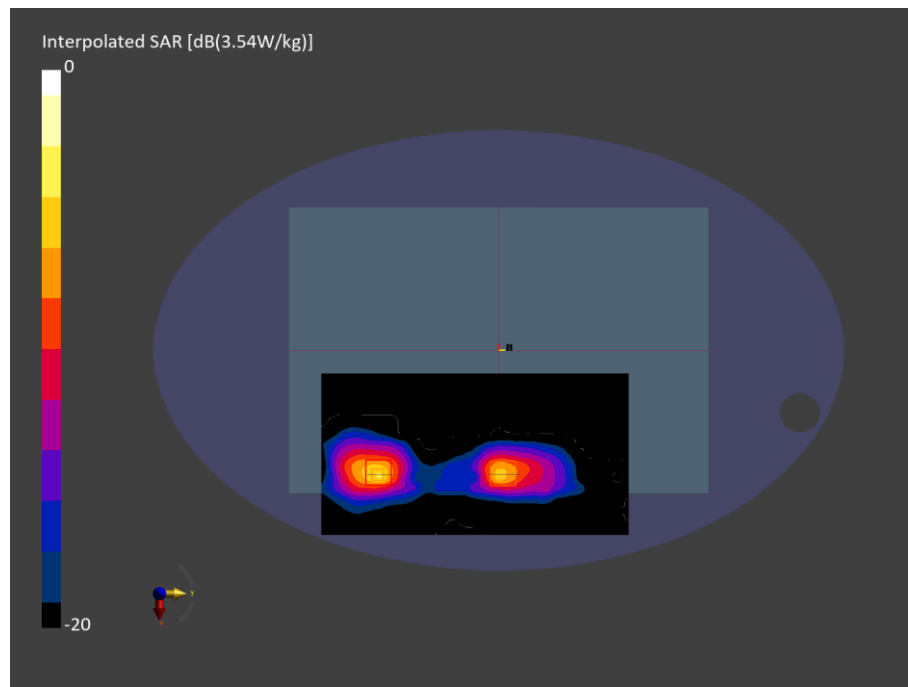


Figure C.34: SAR testing results for the A3186 at 5690 MHz Core 0 & Core 1



**Measurement Report for A3186, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 155 (5775.0 MHz)**

**Device Under Test Properties**

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | WLAN 5GHz | WLAN, 10544-AAC | 5775.0, 155                     | 4.63              | 5.08                   | 33.5             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.71 deg.C 2024-Sep-20 SYS5 B5.prn, 2024-Sep-20 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 140.0 x 200.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2024-09-20, 11:17 | 2024-09-20, 11:26 |
| psSAR1g [W/Kg]      | 0.462             | 0.528             |
| psSAR10g [W/Kg]     | 0.158             | 0.165             |
| Power Drift [dB]    | 0.38              | 0.04              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 54.9              |
| Dist 3dB Peak [mm]  |                   | 8.0               |

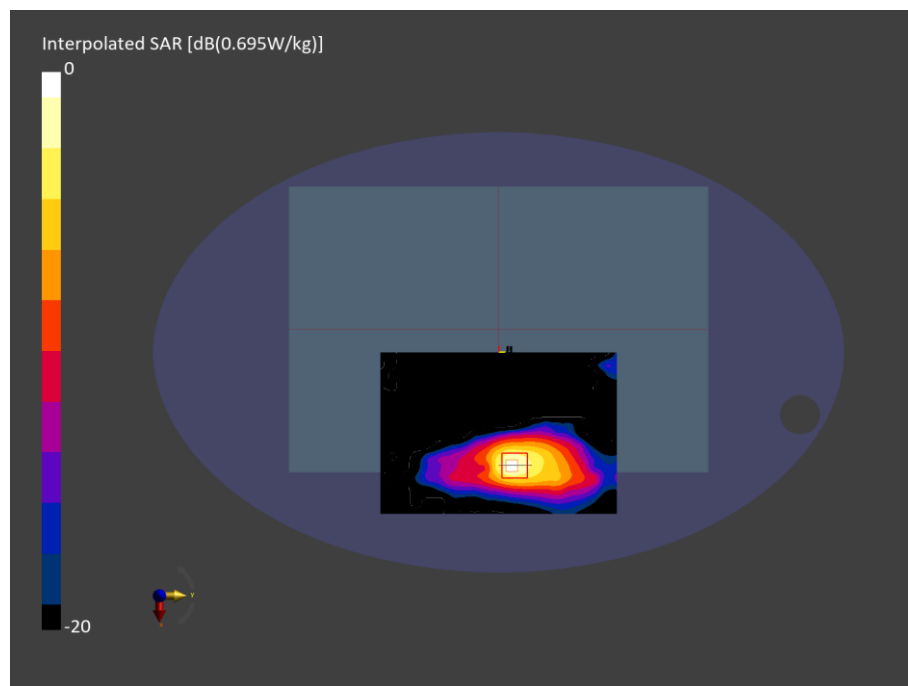


Figure C.35: SAR testing results for the A3186 at 5775 MHz Core 0



**Measurement Report for A3186, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 155 (5775.0 MHz)**

**Device Under Test Properties**

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | WLAN 5GHz | WLAN, 10544-AAC | 5775.0, 155                     | 4.63              | 5.08                   | 33.5             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.71 deg.C 2024-Sep-20 SYS5 B5.prn, 2024-Sep-20 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 140.0 x 200.0 | 22.0 x 22.0 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                |
| MAIA                | Y             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2024-09-20, 11:38 | 2024-09-20, 11:50 |
| psSAR1g [W/Kg]      | 0.508             | 0.554             |
| psSAR10g [W/Kg]     | 0.184             | 0.185             |
| Power Drift [dB]    | 0.33              | 0.11              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 56.0              |
| Dist 3dB Peak [mm]  |                   | 8.7               |

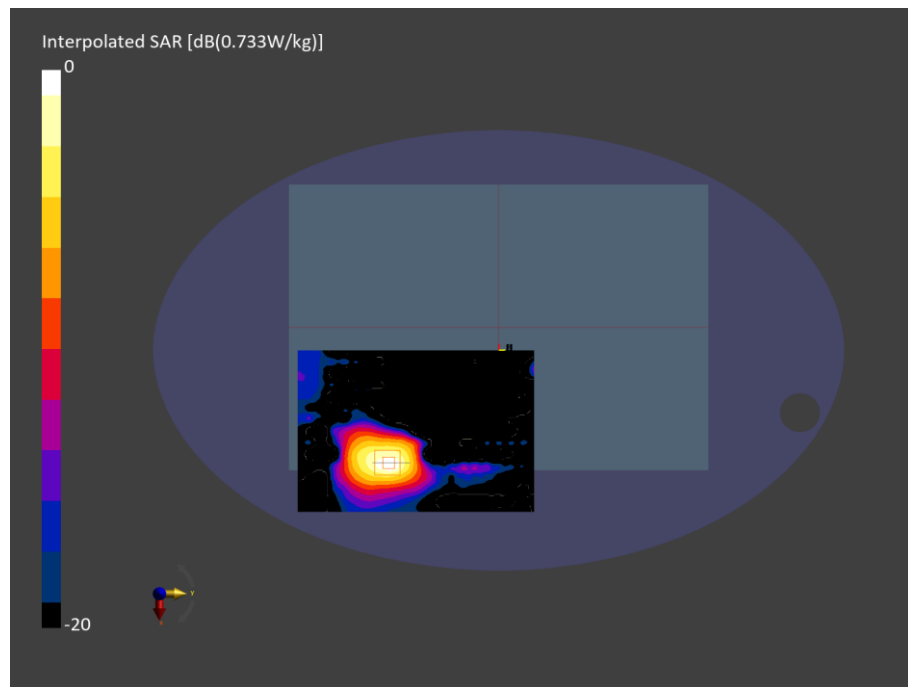


Figure C.36: SAR testing results for the A3186 at 5775 MHz Core 1



**Measurement Report for A3186, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 155 (5775.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | WLAN 5GHz | WLAN, 10544-AAC | , 155                           | 4.63              | 5.08                   | 33.5             |

**Hardware Setup**

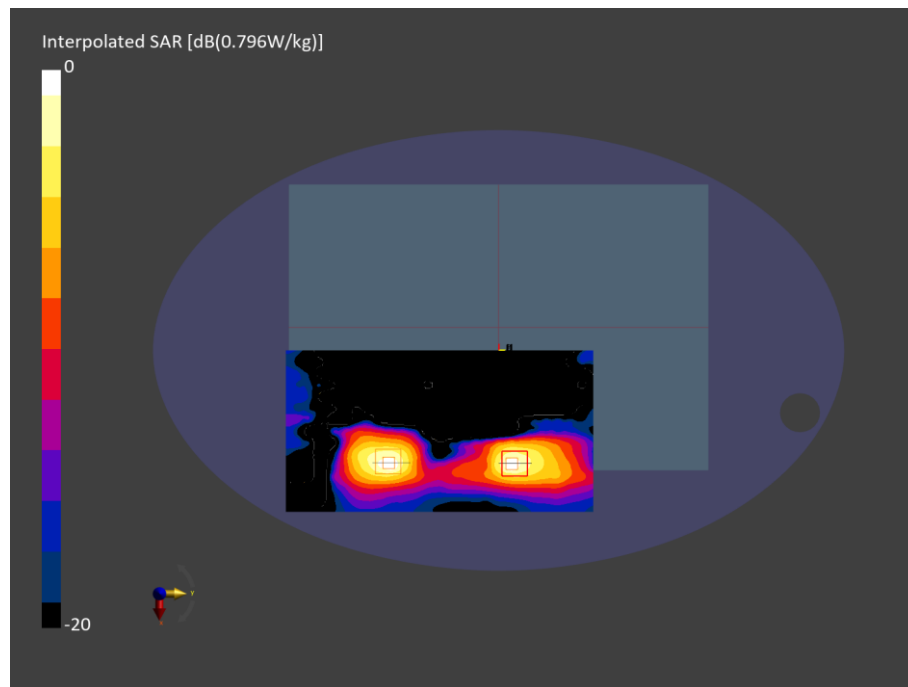
|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2202 | HBBL-600-10000 DAK 3.5 Head ELI 20.71 deg.C 2024-Sep-20 SYS5 B5.prn, 2024-Sep-20 | EX3DV4 - SN7805, 2024-02-14 | DAE4ip Sn1785, 2024-02-13 |

**Scans Setup**

|                     |             |                    |                    |
|---------------------|-------------|--------------------|--------------------|
|                     | Area Scan   | Zoom Scan          | Zoom Scan          |
| Grid Extents [mm]   | x 260.0     | 22.0 x 22.0 x 22.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                | 1.4                |
| Graded Grid         | n/a         | Yes                | Yes                |
| Grading Ratio       | n/a         | 1.4                | 1.4                |
| MAIA                | Y           | N/A                | N/A                |
| Surface Detection   | VMS + 6p    | VMS + 6p           | VMS + 6p           |
| Scan Method         | Measured    | Measured           | Measured           |

**Measurement Results**

|                     |                   |                   |                   |
|---------------------|-------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         | Zoom Scan         |
| Date                | 2024-09-20, 12:05 | 2024-09-20, 12:14 | 2024-09-20, 12:25 |
| psSAR1g [W/Kg]      | 0.526             | 0.582             | 0.574             |
| psSAR10g [W/Kg]     | 0.185             | 0.188             | 0.195             |
| Power Drift [dB]    | 0.15              | -0.14             | 0.17              |
| Power Scaling       | Disabled          | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |                   |
| TSL Correction      | Positive only     | Positive only     | Positive only     |
| M2/M1 [%]           |                   | 55.7              | 57.1              |
| Dist 3dB Peak [mm]  |                   | 8.2               | 8.8               |



**Figure C.37: SAR testing results for the A3186 at 5775 MHz Core 0 & Core 1**



**Measurement Report for A3186, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 15 (6025.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | U-NII-5 | WLAN, 10755-AAC | 6025.0, 15                      | 5.61              | 5.29                   | 32.4             |

**Hardware Setup**

|                                    |                                                                              |                             |                           |
|------------------------------------|------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                           | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2203 | HBBL-600-10000 DAK 3.5 Head 20.36 deg.C 2024-Sep-16 SYS6 B6.prn, 2024-Sep-16 | EX3DV4 - SN7809, 2024-05-13 | DAE4ip Sn1789, 2024-05-03 |

**Scans Setup**

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 153.0 x 204.0 | 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                |
| MAIA                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                           |                   |                   |
|---------------------------|-------------------|-------------------|
|                           | Area Scan         | Zoom Scan         |
| Date                      | 2024-09-18, 05:07 | 2024-09-18, 05:16 |
| psSAR1g [W/Kg]            | 0.241             | 0.260             |
| psSAR10g [W/Kg]           | 0.082             | 0.084             |
| psAPD (4.0cm2, sq) [W/m2] |                   | 1.92              |
| Power Drift [dB]          | -0.05             | -0.16             |
| Power Scaling             | Disabled          | Disabled          |
| Scaling Factor [dB]       |                   |                   |
| TSL Correction            | Positive only     | Positive only     |
| M2/M1 [%]                 |                   | 50.8              |
| Dist 3dB Peak [mm]        |                   | 8.2               |



missing

**Figure C.38: SAR testing results for the A3186 at 6025 MHz Core 0**



**Measurement Report for A3186, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 15 (6025.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | U-NII-5 | WLAN, 10755-AAC | 6025.0, 15                      | 5.61              | 5.35                   | 33.2             |

**Hardware Setup**

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2203 | HBBL-600-10000 DAK 3.5 Head ELI 20.82 deg.C 2024-Sep-18 SYS6 B6.prn, 2024-Sep-18 | EX3DV4 - SN7809, 2024-05-13 | DAE4ip Sn1789, 2024-05-03 |

**Scans Setup**

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 153.0 x 204.0 | 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                |
| MAIA                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                           |                   |                   |
|---------------------------|-------------------|-------------------|
|                           | Area Scan         | Zoom Scan         |
| Date                      | 2024-09-18, 14:03 | 2024-09-18, 14:16 |
| psSAR1g [W/Kg]            | 0.229             | 0.242             |
| psSAR10g [W/Kg]           | 0.081             | 0.083             |
| psAPD (4.0cm2, sq) [W/m2] |                   | 1.87              |
| Power Drift [dB]          | 0.08              | -0.03             |
| Power Scaling             | Disabled          | Disabled          |
| Scaling Factor [dB]       |                   |                   |
| TSL Correction            | Positive only     | Positive only     |
| M2/M1 [%]                 |                   | 51.3              |
| Dist 3dB Peak [mm]        |                   | 8.2               |

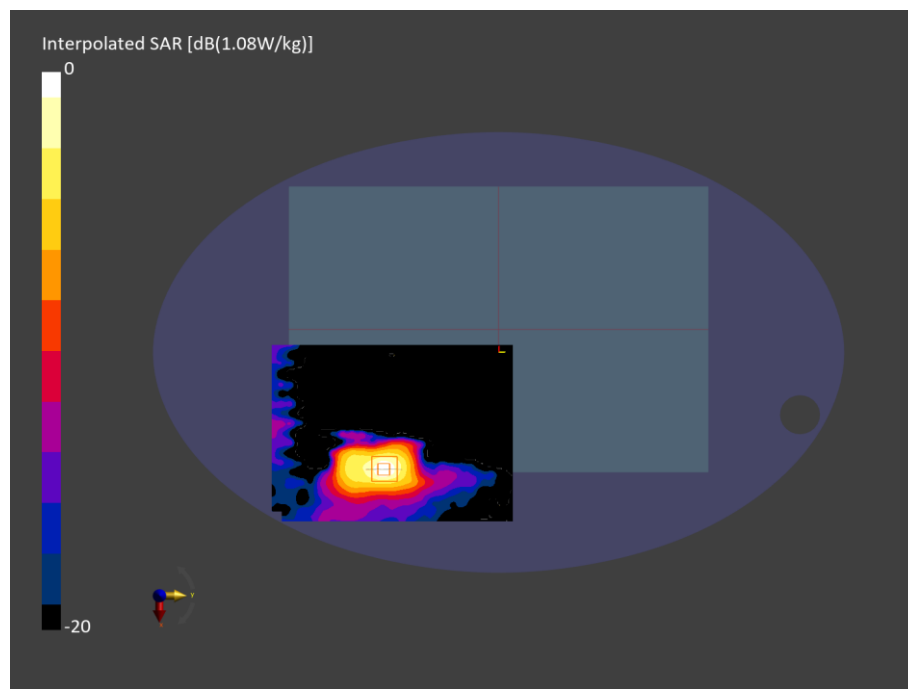


Figure C.39: SAR testing results for the A3186 at 6025 MHz Core 1



Measurement Report for A3186, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 15 (6025.0 MHz)

Device Under Test Properties

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

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            | BACK, 0.00                   | U-NII-5 | WLAN, 10755-AAC | , 15                            | 5.61              | 5.35                   | 33.2             |

Hardware Setup

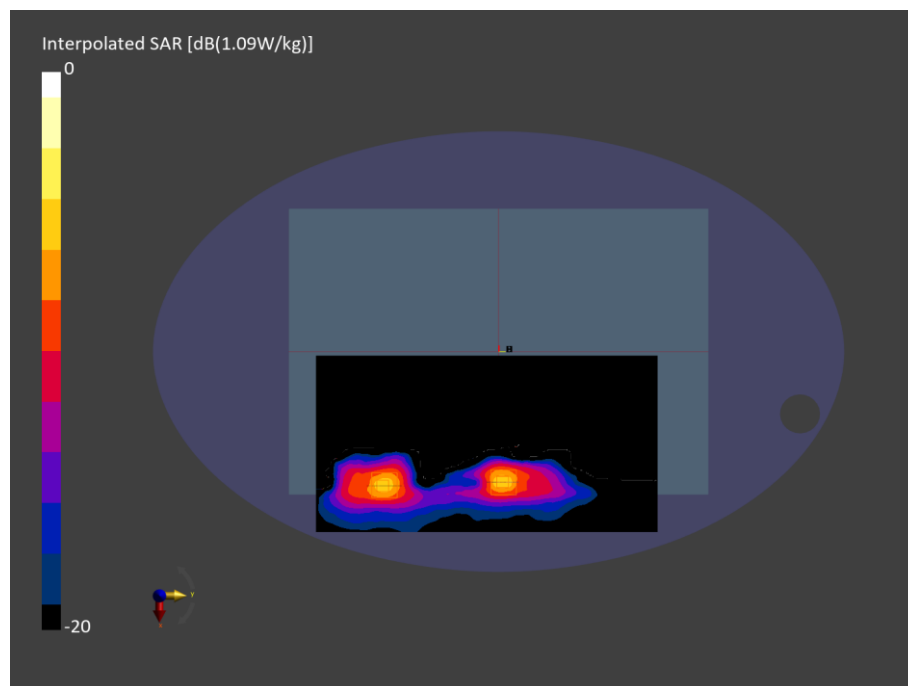
|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2203 | HBBL-600-10000 DAK 3.5 Head ELI 20.82 deg.C 2024-Sep-18 SYS6 B6.prn, 2024-Sep-18 | EX3DV4 - SN7809, 2024-05-13 | DAE4ip Sn1789, 2024-05-03 |

Scans Setup

|                     |           |                    |                    |
|---------------------|-----------|--------------------|--------------------|
|                     | Area Scan | Zoom Scan          | Zoom Scan          |
| Grid Extents [mm]   | x 289.0   | 22.0 x 22.0 x 22.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm]     | 8.5 x 8.5 | 3.4 x 3.4 x 1.4    | 3.4 x 3.4 x 1.4    |
| Sensor Surface [mm] | 3.0       | 1.4                | 1.4                |
| Graded Grid         | n/a       | Yes                | Yes                |
| Grading Ratio       | n/a       | 1.4                | 1.4                |
| MAIA                | Y         | Y                  | Y                  |
| Surface Detection   | VMS + 6p  | VMS + 6p           | VMS + 6p           |
| Scan Method         | Measured  | Measured           | Measured           |

Measurement Results

|                           |                   |                   |                   |
|---------------------------|-------------------|-------------------|-------------------|
|                           | Area Scan         | Zoom Scan         | Zoom Scan         |
| Date                      | 2024-09-18, 18:35 | 2024-09-18, 18:47 | 2024-09-18, 19:01 |
| psSAR1g [W/kg]            | 0.239             | 0.260             | 0.244             |
| psSAR10g [W/kg]           | 0.083             | 0.084             | 0.083             |
| psAPD (4.0cm2, sq) [W/m2] |                   | 1.92              | 1.89              |
| Power Drift [dB]          | 0.10              | 0.14              | -0.08             |
| Power Scaling             | Disabled          | Disabled          | Disabled          |
| Scaling Factor [dB]       |                   |                   |                   |
| TSL Correction            | Positive only     | Positive only     | Positive only     |
| M2/M1 [%]                 |                   | 49.9              | 50.9              |
| Dist 3dB Peak [mm]        |                   | 8.2               | 8.5               |



**Figure C.40: SAR testing results for the A3186 at 6025 MHz Core 0 & Core 1**



**Measurement Report for A3186, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 47 (6185.0 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Phone    |

**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            | BACK, 0.00                   | U-NII-5 | WLAN, 10755-AAC | 6185.0, 47                      | 5.61              | 5.47                   | 32.1             |

**Hardware Setup**

|                                    |                                                                              |                             |                           |
|------------------------------------|------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                           | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2203 | HBBL-600-10000 DAK 3.5 Head 20.36 deg.C 2024-Sep-16 SYS6 B6.prn, 2024-Sep-16 | EX3DV4 - SN7809, 2024-05-13 | DAE4ip Sn1789, 2024-05-03 |

**Scans Setup**

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 153.0 x 204.0 | 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                |
| MAIA                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                           |                   |                   |
|---------------------------|-------------------|-------------------|
|                           | Area Scan         | Zoom Scan         |
| Date                      | 2024-09-18, 05:30 | 2024-09-18, 05:39 |
| psSAR1g [W/Kg]            | 0.261             | 0.277             |
| psSAR10g [W/Kg]           | 0.089             | 0.091             |
| psAPD (4.0cm2, sq) [W/m2] |                   | 2.07              |
| Power Drift [dB]          | 0.01              | -0.11             |
| Power Scaling             | Disabled          | Disabled          |
| Scaling Factor [dB]       |                   |                   |
| TSL Correction            | Positive only     | Positive only     |
| M2/M1 [%]                 |                   | 50.4              |
| Dist 3dB Peak [mm]        |                   | 8.2               |

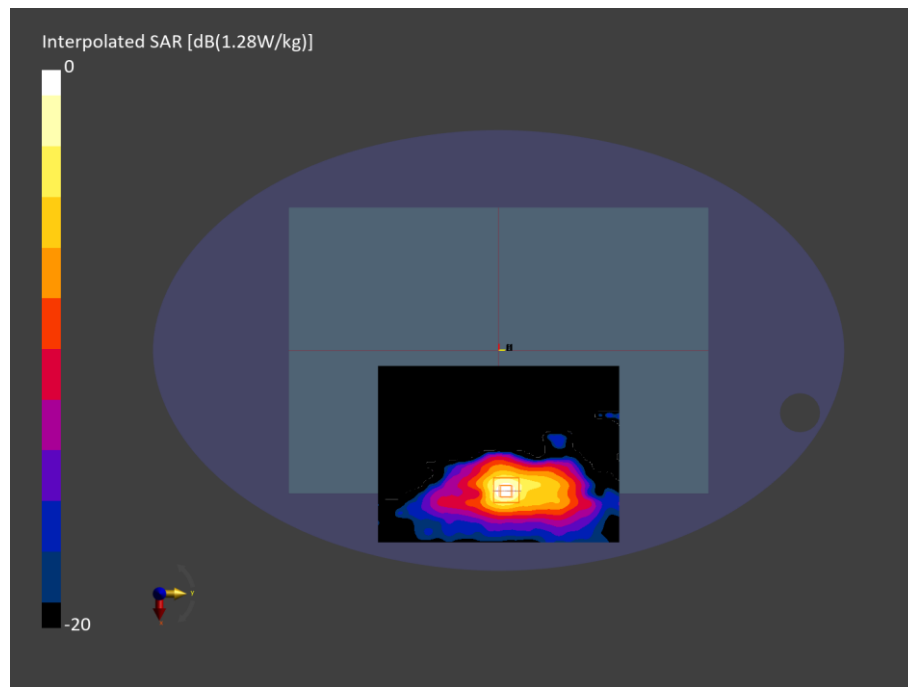


Figure C.41: APD testing results for the A3186 at 6185 MHz Core 0



**Measurement Report for A3186, BACK, U-NII-7, IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle), Channel 179 (6845.000 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Laptop   |

**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            | BACK, 0.00                   | U-NII-7 | WLAN, 10707-AAC | 6845.000, 179                   | 5.61              | 6.30                   | 31.7             |

**Hardware Setup**

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2203 | HBBL-600-10000 DAK 3.5 Head ELI 20.82 deg.C 2024-Sep-18 SYS6 B6.prn, 2024-Sep-18 | EX3DV4 - SN7809, 2024-05-13 | DAE4ip Sn1789, 2024-05-03 |

**Scans Setup**

|                     |               |                    |
|---------------------|---------------|--------------------|
|                     | Area Scan     | Zoom Scan          |
| Grid Extents [mm]   | 153.0 x 204.0 | 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                |
| MAIA                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                           |                   |                   |
|---------------------------|-------------------|-------------------|
|                           | Area Scan         | Zoom Scan         |
| Date                      | 2024-09-19, 03:55 | 2024-09-19, 04:09 |
| psSAR1g [W/Kg]            | 0.343             | 0.370             |
| psSAR10g [W/Kg]           | 0.113             | 0.117             |
| psAPD (4.0cm2, sq) [W/m2] |                   | 2.68              |
| Power Drift [dB]          | 0.05              | -0.09             |
| Power Scaling             | Disabled          | Disabled          |
| Scaling Factor [dB]       |                   |                   |
| TSL Correction            | Positive only     | Positive only     |
| M2/M1 [%]                 |                   | 46.7              |
| Dist 3dB Peak [mm]        |                   | 7.7               |

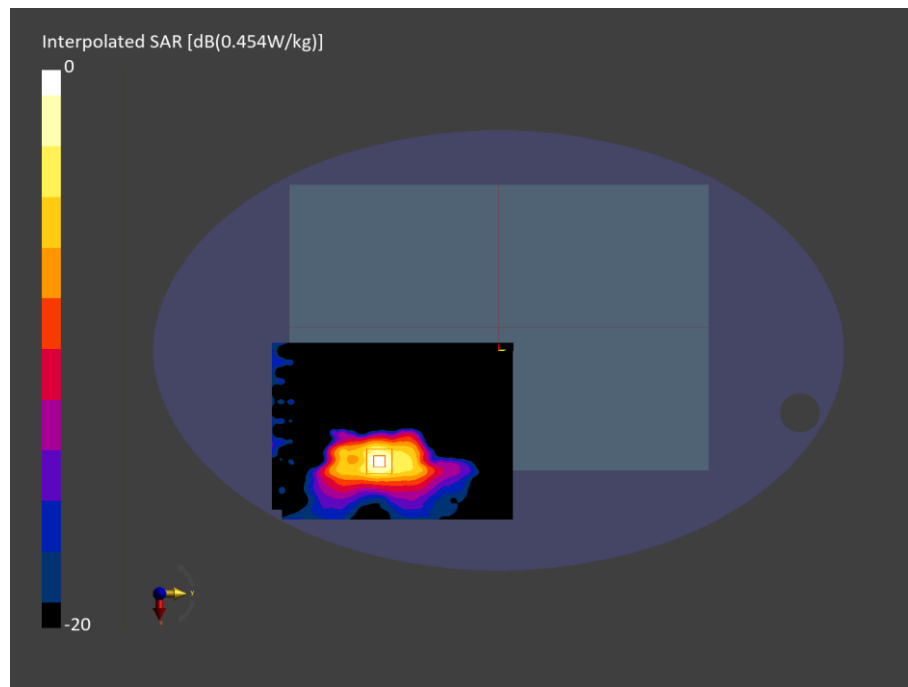


Figure C.42: APD testing results for the A3186 at 6845 MHz Core 1



**Measurement Report for A3186, BACK, U-NII-7, IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle), Channel 179 (6845.000 MHz)**

**Device Under Test Properties**

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 355.0 x 248.0 x 15.0 |      | Phone    |

**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            | BACK, 0.00                   | U-NII-7 | WLAN, 10707-AAC | 6845.000, 179                   | 5.61              | 6.30                   | 31.7             |

**Hardware Setup**

|                                    |                                                                                  |                             |                           |
|------------------------------------|----------------------------------------------------------------------------------|-----------------------------|---------------------------|
| Phantom                            | TSL, Measured Date                                                               | Probe, Calibration Date     | DAE, Calibration Date     |
| ELI V8.0 (20deg probe tilt) - 2203 | HBBL-600-10000 DAK 3.5 Head ELI 20.82 deg.C 2024-Sep-18 SYS6 B6.prn, 2024-Sep-18 | EX3DV4 - SN7809, 2024-05-13 | DAE4ip Sn1789, 2024-05-03 |

**Scans Setup**

|                     |           |                    |                    |
|---------------------|-----------|--------------------|--------------------|
|                     | Area Scan | Zoom Scan          | Zoom Scan          |
| Grid Extents [mm]   | x 289.0   | 22.0 x 22.0 x 22.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm]     | 8.5 x 8.5 | 3.4 x 3.4 x 1.4    | 3.4 x 3.4 x 1.4    |
| Sensor Surface [mm] | 3.0       | 1.4                | 1.4                |
| Graded Grid         | N/A       | Yes                | Yes                |
| Grading Ratio       | N/A       | 1.4                | 1.4                |
| MAIA                | Y         | Y                  | Y                  |
| Surface Detection   | VMS + 6p  | VMS + 6p           | VMS + 6p           |
| Scan Method         | Measured  | Measured           | Measured           |

**Measurement Results**

|                           |                   |                   |                   |
|---------------------------|-------------------|-------------------|-------------------|
|                           | Area Scan         | Zoom Scan         | Zoom Scan         |
| Date                      | 2024-09-19, 04:27 | 2024-09-19, 04:40 | 2024-09-19, 04:54 |
| psSAR1g [W/kg]            | 0.332             | 0.332             | 0.322             |
| psSAR10g [W/kg]           | 0.109             | 0.105             | 0.101             |
| psAPD (4.0cm2, sq) [W/m2] |                   | 2.40              | 2.31              |
| Power Drift [dB]          | -0.04             | -0.08             | -0.08             |
| Power Scaling             | Disabled          | Disabled          | Disabled          |
| Scaling Factor [dB]       |                   |                   |                   |
| TSL Correction            | Positive only     | Positive only     | Positive only     |
| M2/M1 [%]                 |                   | 46.3              | 45.5              |
| Dist 3dB Peak [mm]        |                   | 8.2               | 7.4               |

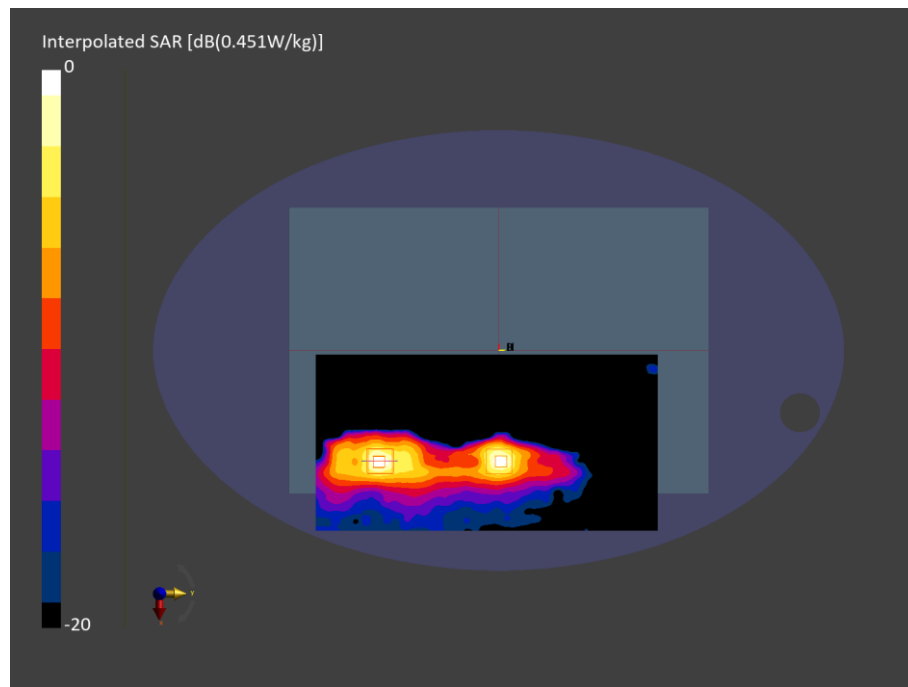


Figure C.43: APD testing results for the A3186 at 6845 MHz Core 0 & Core 1



Measurement Report for A3186, BACK, U-NII-7, IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle), Channel 179 (6845.0 MHz)

Device Under Test Properties

|                     |                      |      |          |
|---------------------|----------------------|------|----------|
| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
| A3186,              | 360.0 x 250.0 x 15.0 |      | Laptop   |

Exposure Conditions

|                 |                              |         |                 |                                 |                   |
|-----------------|------------------------------|---------|-----------------|---------------------------------|-------------------|
| Phantom Section | Position, Test Distance [mm] | Band    | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor |
| 5G              | BACK, 2.00                   | U-NII-7 | WLAN, 10707-AAC | 6845.0, 179                     | 1.0               |

Hardware Setup

|               |        |                                       |                           |
|---------------|--------|---------------------------------------|---------------------------|
| Phantom       | Medium | Probe, Calibration Date               | DAE, Calibration Date     |
| mmWave - 1112 | Air -  | EUmmWV4 - SN9641_F1-55GHz, 2023-10-24 | DAE4ip Sn1786, 2024-08-07 |

Scans Setup

|                     |                                           |
|---------------------|-------------------------------------------|
| Scan Type           | 5G Scan                                   |
| Grid Extents [mm]   | 70.0 x 110.0                              |
| Grid Steps [lambda] | 0.04660656853857782 x 0.04660656853857782 |
| Sensor Surface [mm] | 2.0                                       |
| MAIA                | Y                                         |

Measurement Results

|                        |                   |
|------------------------|-------------------|
| Scan Type              | 5G Scan           |
| Date                   | 2024-09-20, 18:55 |
| Avg. Area [cm²]        | 4.00              |
| psPDn+ [W/m²]          | 3.63              |
| psPDtot+ [W/m²]        | 6.65              |
| psPDmod+ [W/m²]        | 9.06              |
| E <sub>max</sub> [V/m] | 117               |
| Power Drift [dB]       | -0.18             |

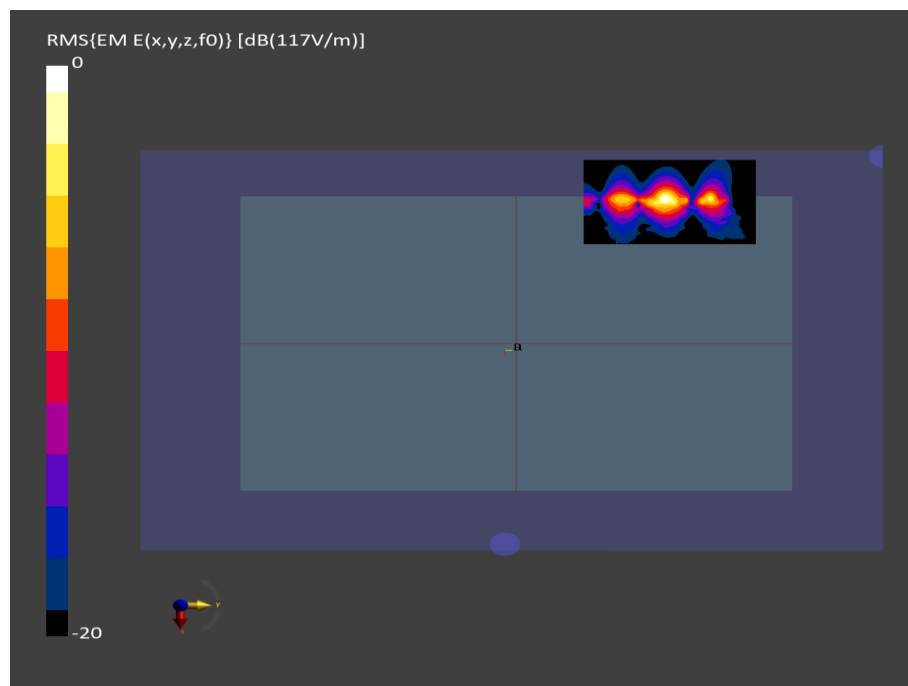


Figure C.44: iPD testing results for the A3186 at 6845 MHz Core 1



## **ANNEX D**

### **THREAD TECHNOLOGY DUTY FACTOR CORRECTION**

### A3186 Thread Scaling Rationale

The measured SAR Results for the Thread technology, as detailed in this document, are scaled down to 60.81% to adjust for the normal operating conditions of this technology as shown in figure 13. With the measured SAR Results having been taken with the device operating in a test mode, on a fixed channel with 100% duty cycle, as shown below in figure 12.



Figure 9 - Thread ePA - Frequency of 2405 MHz (100% Duty Cycle)

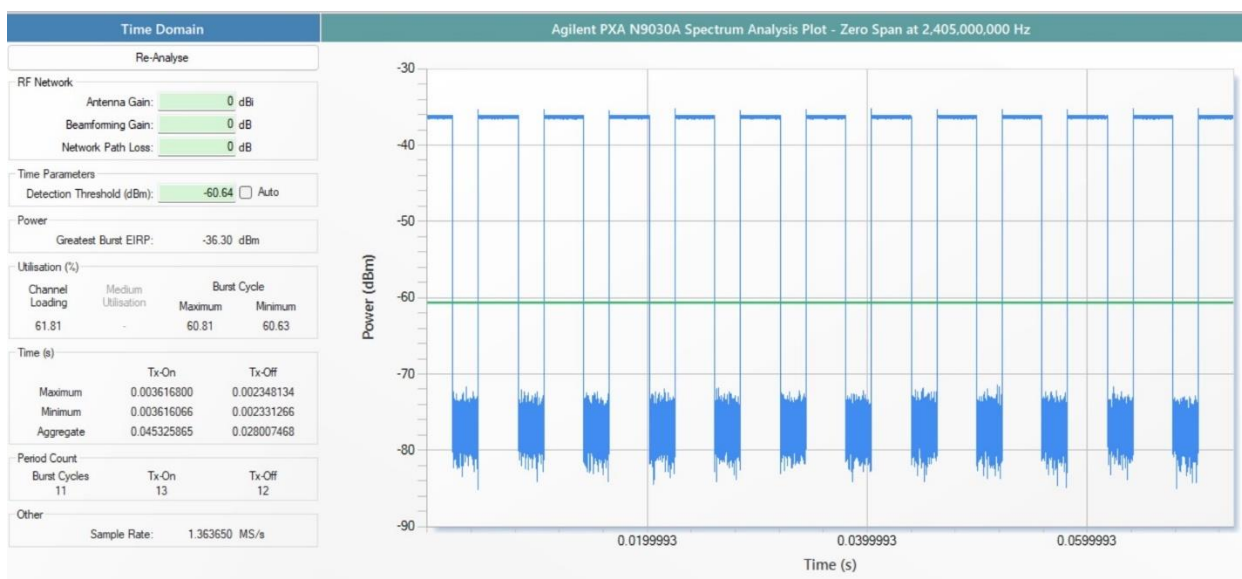


Figure 10 - Thread ePA - Frequency of 2405 MHz (60.81% Duty Cycle)