

## Appendix B

|             |
|-------------|
| LTE Band 7  |
| LTE Band 12 |
| LTE Band 13 |
| LTE Band 25 |
| LTE Band 26 |
| LTE Band 66 |
| LTE Band 41 |

Test Laboratory: TOWE Lab

Measurement Report for Device, BACK, Band 7, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:High AntennaCfg:SISO, Channel 21350 (2560.000 MHz)

Device Under Test Properties

| Model  | Dimensions [mm]    | IMEI |
|--------|--------------------|------|
| Device | 50.0 x 30.0 x 10.0 |      |

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band   | Group, UID         | Frequency [MHz], Channel Number | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|--------|--------------------|---------------------------------|------------------------|------------------|
| Flat, HSL            | BACK, 5.00                   | Band 7 | LTE-FDD, 10169-CAF | 2560.000, 21350                 | 1.95                   | 40.7             |

Hardware Setup

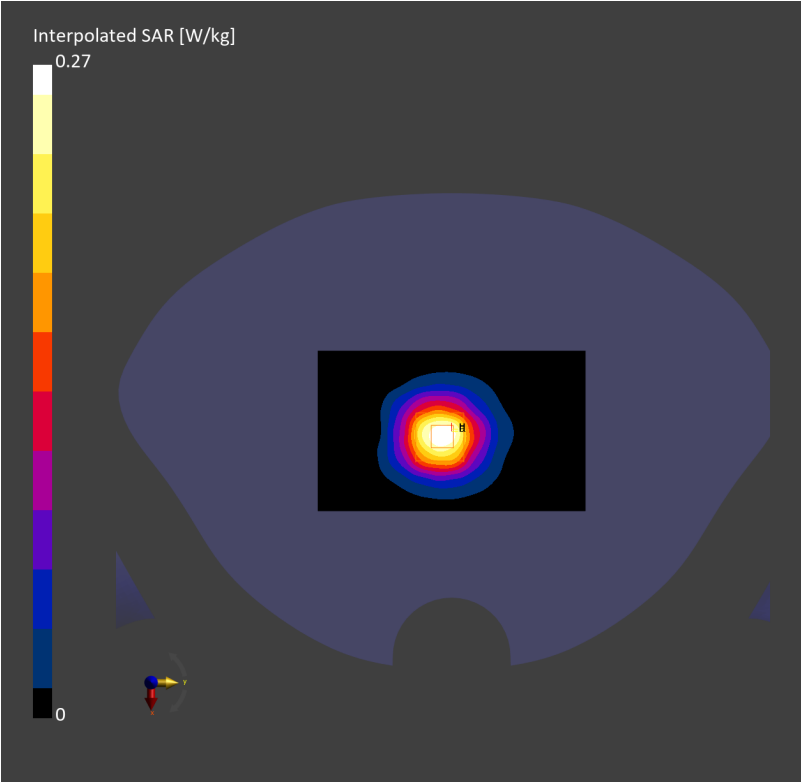
| Phantom                                 | TSL     | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------------------------------|---------|-----------------------------|---------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2173 | HSL2600 | EX3DV4 - SN7812, 2024-06-25 | DAE4ip Sn1847, 2024-12-31 |

Scans Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 72.0 x 120.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0  | 5.0 x 5.0 x 5.0    |
| Sensor Surface [mm] | 3.0          | 1.4                |
| Graded Grid         | N/A          | Yes                |
| Grading Ratio       | N/A          | 1.5                |
| MAIA                | Y            | Y                  |
| Surface Detection   | VMS + 6p     | VMS + 6p           |
| Scan Method         | Measured     | Measured           |

Measurement Results

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2025-03-19, 19:28 | 2025-03-19, 19:33 |
| psSAR1g [W/Kg]      | 0.217             | 0.160             |
| psSAR10g [W/Kg]     | 0.109             | 0.079             |
| Power Drift [dB]    | -0.13             | -0.04             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 56.9              |
| Dist 3dB Peak [mm]  |                   | 11.5              |



Test Laboratory: TOWE Lab

Measurement Report for Device, EDGE LEFT, Band 12, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 23060 (704.000 MHz)

Device Under Test Properties

|        |                    |      |
|--------|--------------------|------|
| Model  | Dimensions [mm]    | IMEI |
| Device | 30.0 x 50.0 x 10.0 |      |

Exposure Conditions

|                      |                              |         |                    |                                 |                        |                  |
|----------------------|------------------------------|---------|--------------------|---------------------------------|------------------------|------------------|
| Phantom Section, TSL | Position, Test Distance [mm] | Band    | Group, UID         | Frequency [MHz], Channel Number | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL            | EDGE LEFT, 5.00              | Band 12 | LTE-FDD, 10175-CAH | 704.000, 23060                  | 0.882                  | 42.9             |

Hardware Setup

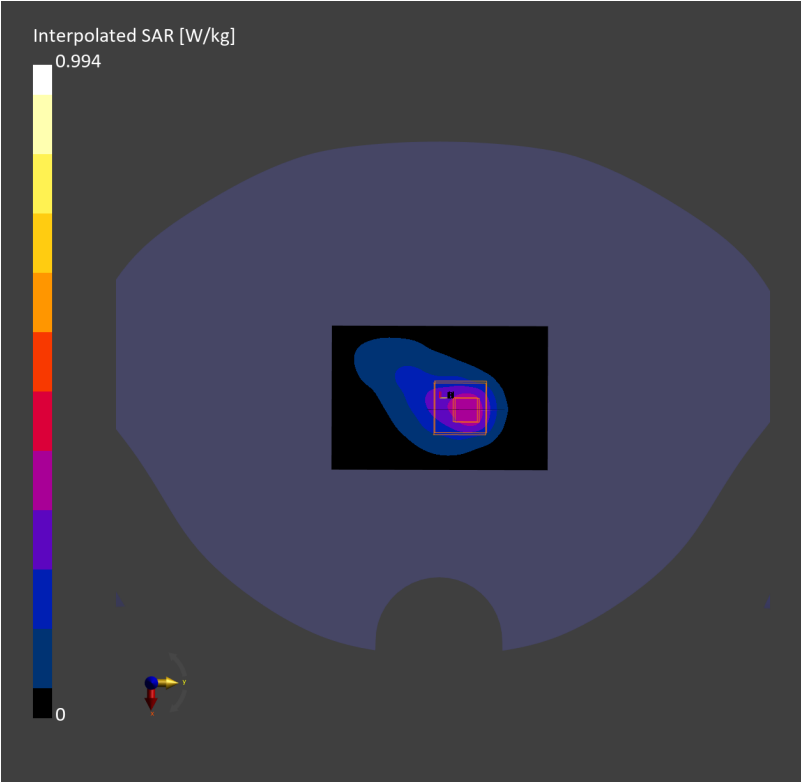
|                                         |        |                             |                           |
|-----------------------------------------|--------|-----------------------------|---------------------------|
| Phantom                                 | TSL    | Probe, Calibration Date     | DAE, Calibration Date     |
| Twin-SAM V8.0 (30deg probe tilt) - 2173 | HSL750 | EX3DV4 - SN7812, 2024-06-25 | DAE4ip Sn1847, 2024-12-31 |

Scans Setup

|                     |             |                    |
|---------------------|-------------|--------------------|
|                     | Area Scan   | Zoom Scan          |
| Grid Extents [mm]   | 60.0 x 90.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 15.0 | 8.0 x 8.0 x 5.0    |
| 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    | All points         |
| Scan Method         | Measured    | Measured           |

Measurement Results

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2025-03-27, 16:39 | 2025-03-27, 16:44 |
| psSAR1g [W/Kg]      | 0.341             | 0.346             |
| psSAR10g [W/Kg]     | 0.197             | 0.149             |
| Power Drift [dB]    | -0.13             | -0.05             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 38.7              |
| Dist 3dB Peak [mm]  |                   | 8.1               |



Measurement Report for Device, EDGE LEFT, Band 13, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 23230 (782.000 MHz)

Device Under Test Properties

|        |                    |      |
|--------|--------------------|------|
| Model  | Dimensions [mm]    | IMEI |
| Device | 30.0 x 50.0 x 10.0 |      |

Exposure Conditions

|                      |                              |         |                    |                                 |                        |                  |
|----------------------|------------------------------|---------|--------------------|---------------------------------|------------------------|------------------|
| Phantom Section, TSL | Position, Test Distance [mm] | Band    | Group, UID         | Frequency [MHz], Channel Number | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL            | EDGE LEFT, 5.00              | Band 13 | LTE-FDD, 10175-CAH | 782.000, 23230                  | 0.908                  | 42.6             |

Hardware Setup

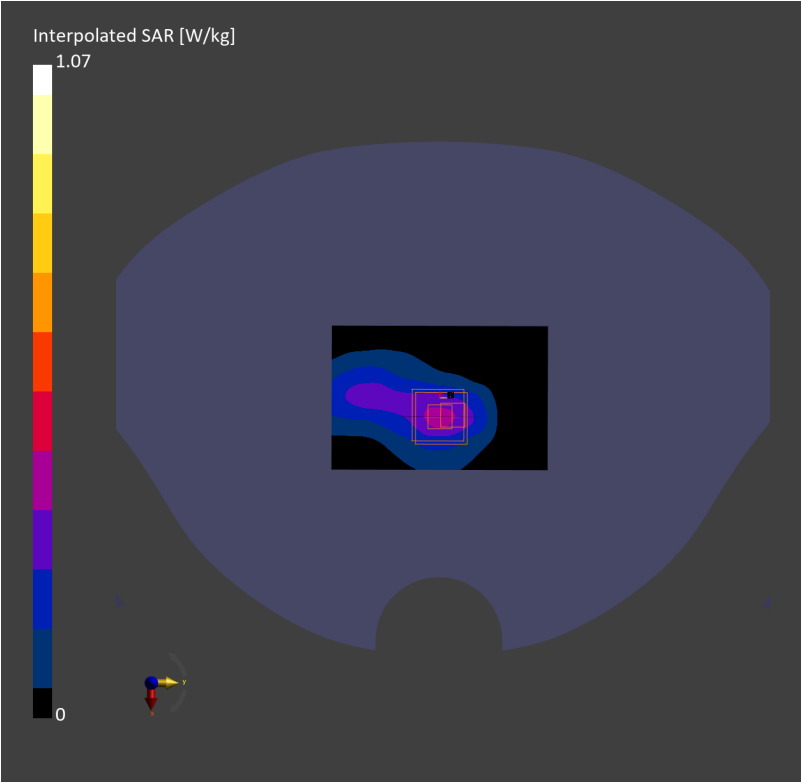
|                                         |        |                             |                           |
|-----------------------------------------|--------|-----------------------------|---------------------------|
| Phantom                                 | TSL    | Probe, Calibration Date     | DAE, Calibration Date     |
| Twin-SAM V8.0 (30deg probe tilt) - 2173 | HSL750 | EX3DV4 - SN7812, 2024-06-25 | DAE4ip Sn1847, 2024-12-31 |

Scans Setup

|                     |             |                    |
|---------------------|-------------|--------------------|
|                     | Area Scan   | Zoom Scan          |
| Grid Extents [mm]   | 60.0 x 90.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 15.0 | 8.0 x 8.0 x 5.0    |
| 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    | All points         |
| Scan Method         | Measured    | Measured           |

Measurement Results

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2025-03-27, 17:47 | 2025-03-27, 17:51 |
| psSAR1g [W/Kg]      | 0.330             | 0.353             |
| psSAR10g [W/Kg]     | 0.198             | 0.162             |
| Power Drift [dB]    | -0.04             | -0.07             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 45.2              |
| Dist 3dB Peak [mm]  |                   | 9.5               |



Measurement Report for Device, BACK, Band 25, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 26590 (1905.000 MHz)

Device Under Test Properties

|        |                    |      |
|--------|--------------------|------|
| Model  | Dimensions [mm]    | IMEI |
| Device | 50.0 x 30.0 x 10.0 |      |

Exposure Conditions

|                      |                              |         |                    |                                 |                        |                  |
|----------------------|------------------------------|---------|--------------------|---------------------------------|------------------------|------------------|
| Phantom Section, TSL | Position, Test Distance [mm] | Band    | Group, UID         | Frequency [MHz], Channel Number | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL            | BACK, 5.00                   | Band 25 | LTE-FDD, 10169-CAF | 1905.000, 26590                 | 1.44                   | 40.3             |

Hardware Setup

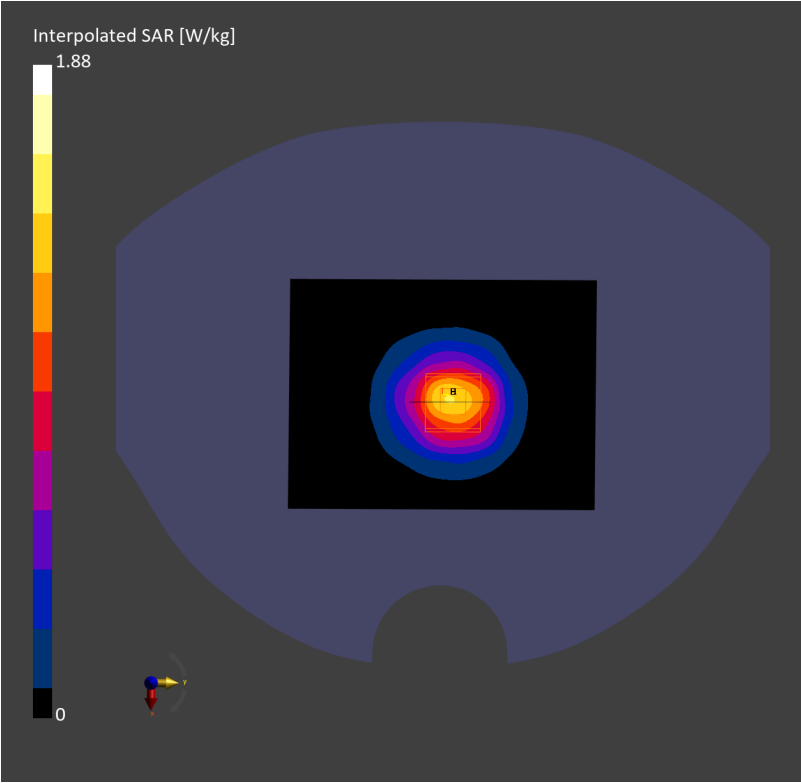
|                                         |         |                             |                           |
|-----------------------------------------|---------|-----------------------------|---------------------------|
| Phantom                                 | TSL     | Probe, Calibration Date     | DAE, Calibration Date     |
| Twin-SAM V8.0 (30deg probe tilt) – 2173 | HSL1950 | EX3DV4 – SN7812, 2024-06-25 | DAE4ip Sn1847, 2024-12-31 |

Scans Setup

|                     |              |                    |
|---------------------|--------------|--------------------|
|                     | Area Scan    | Zoom Scan          |
| Grid Extents [mm]   | 90.0 x 120.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    |
| 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                | 2025-03-19, 16:33 | 2025-03-19, 16:36 |
| psSAR1g [W/Kg]      | 1.19              | 1.13              |
| psSAR10g [W/Kg]     | 0.659             | 0.633             |
| Power Drift [dB]    | -0.06             | -0.06             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 60.3              |
| Dist 3dB Peak [mm]  |                   | 14.8              |



Test Laboratory: TOWE Lab

Measurement Report for Device, EDGE LEFT, Band 26, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 26965 (841.500 MHz)

Device Under Test Properties

|        |                    |      |
|--------|--------------------|------|
| Model  | Dimensions [mm]    | IMEI |
| Device | 30.0 x 50.0 x 10.0 |      |

Exposure Conditions

|                      |                              |         |                    |                                 |                        |                  |
|----------------------|------------------------------|---------|--------------------|---------------------------------|------------------------|------------------|
| Phantom Section, TSL | Position, Test Distance [mm] | Band    | Group, UID         | Frequency [MHz], Channel Number | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL            | EDGE LEFT, 5.00              | Band 26 | LTE-FDD, 10181-CAF | 841.500, 26965                  | 0.884                  | 41.9             |

Hardware Setup

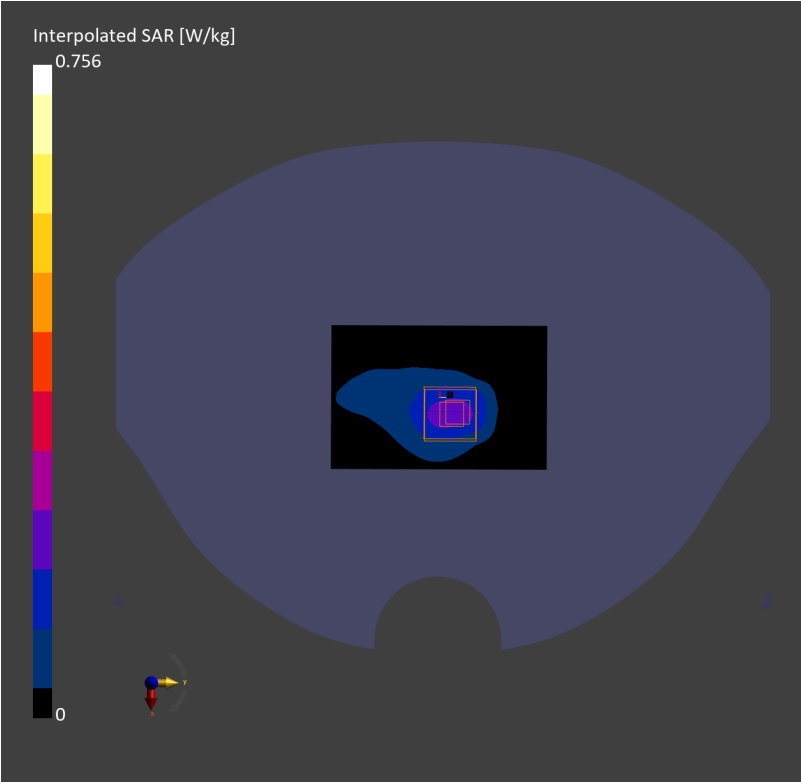
|                                         |        |                             |                           |
|-----------------------------------------|--------|-----------------------------|---------------------------|
| Phantom                                 | TSL    | Probe, Calibration Date     | DAE, Calibration Date     |
| Twin-SAM V8.0 (30deg probe tilt) – 2173 | HSL835 | EX3DV4 – SN7812, 2024-06-25 | DAE4ip Sn1847, 2024-12-31 |

Scans Setup

|                     |             |                    |
|---------------------|-------------|--------------------|
|                     | Area Scan   | Zoom Scan          |
| Grid Extents [mm]   | 60.0 x 90.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 15.0 | 8.0 x 8.0 x 5.0    |
| 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    | All points         |
| Scan Method         | Measured    | Measured           |

Measurement Results

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2025-03-27, 18:10 | 2025-03-27, 18:15 |
| psSAR1g [W/Kg]      | 0.190             | 0.240             |
| psSAR10g [W/Kg]     | 0.114             | 0.096             |
| Power Drift [dB]    | -0.01             | 0.01              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 54.6              |
| Dist 3dB Peak [mm]  |                   | 10.0              |



Device Under Test Properties

|        |                    |      |
|--------|--------------------|------|
| Model  | Dimensions [mm]    | IMEI |
| Device | 50.0 x 30.0 x 10.0 |      |

Exposure Conditions

|                      |                              |         |                    |                                 |                        |                  |
|----------------------|------------------------------|---------|--------------------|---------------------------------|------------------------|------------------|
| Phantom Section, TSL | Position, Test Distance [mm] | Band    | Group, UID         | Frequency [MHz], Channel Number | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL            | BACK, 5.00                   | Band 66 | LTE-FDD, 10169-CAF | 1770.000, 132572                | 1.44                   | 39.5             |

Hardware Setup

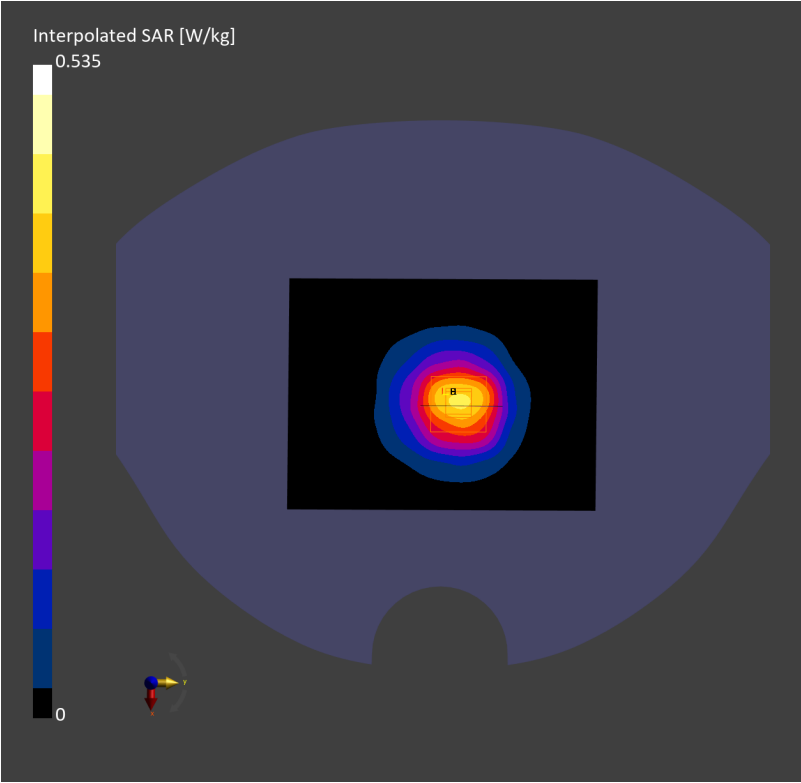
|                                         |         |                             |                           |
|-----------------------------------------|---------|-----------------------------|---------------------------|
| Phantom                                 | TSL     | Probe, Calibration Date     | DAE, Calibration Date     |
| Twin-SAM V8.0 (30deg probe tilt) - 2173 | HSL1950 | EX3DV4 - SN7812, 2024-06-25 | DAE4ip Sn1847, 2024-12-31 |

Scans Setup

|                     |              |                    |
|---------------------|--------------|--------------------|
|                     | Area Scan    | Zoom Scan          |
| Grid Extents [mm]   | 90.0 x 120.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    |
| 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                | 2025-03-19, 16:39 | 2025-03-19, 16:42 |
| psSAR1g [W/Kg]      | 0.351             | 0.325             |
| psSAR10g [W/Kg]     | 0.199             | 0.184             |
| Power Drift [dB]    | -0.05             | -0.02             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 58.8              |
| Dist 3dB Peak [mm]  |                   | 14.4              |



Device Under Test Properties

|        |                    |      |
|--------|--------------------|------|
| Model  | Dimensions [mm]    | IMEI |
| Device | 50.0 x 30.0 x 10.0 |      |

Exposure Conditions

|                      |                              |         |                    |                                 |                        |                  |
|----------------------|------------------------------|---------|--------------------|---------------------------------|------------------------|------------------|
| Phantom Section, TSL | Position, Test Distance [mm] | Band    | Group, UID         | Frequency [MHz], Channel Number | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL            | BACK, 5.00                   | Band 41 | LTE-TDD, 10172-CAH | 2506.000, 39750                 | 1.88                   | 40.8             |

Hardware Setup

|                                         |         |                             |                           |
|-----------------------------------------|---------|-----------------------------|---------------------------|
| Phantom                                 | TSL     | Probe, Calibration Date     | DAE, Calibration Date     |
| Twin-SAM V8.0 (30deg probe tilt) – 2173 | HSL2600 | EX3DV4 – SN7812, 2024-06-25 | DAE4ip Sn1847, 2024-12-31 |

Scans Setup

|                     |              |                    |
|---------------------|--------------|--------------------|
|                     | Area Scan    | Zoom Scan          |
| Grid Extents [mm]   | 72.0 x 120.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0  | 5.0 x 5.0 x 5.0    |
| Sensor Surface [mm] | 3.0          | 1.4                |
| Graded Grid         | N/A          | Yes                |
| Grading Ratio       | N/A          | 1.5                |
| MAIA                | Y            | Y                  |
| Surface Detection   | VMS + 6p     | VMS + 6p           |
| Scan Method         | Measured     | Measured           |

Measurement Results

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2025-03-19, 18:25 | 2025-03-19, 18:30 |
| psSAR1g [W/Kg]      | 0.106             | 0.092             |
| psSAR10g [W/Kg]     | 0.052             | 0.042             |
| Power Drift [dB]    | -0.13             | -0.07             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 58.1              |
| Dist 3dB Peak [mm]  |                   | 10.8              |

