

# Appendix B

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| WIFI 6G |
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Device Under Test Properties

| Model  | Dimensions [mm]      |
|--------|----------------------|
| Device | 180.0 x 270.0 x 15.0 |

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, Head Simulating Liquid | EDGE RIGHT, 0.00             | U-NII-5 | WLAN, 10755-AAC | 6345.000, 79                    | 5.45              | 5.91                   | 34.9             |

Hardware Setup

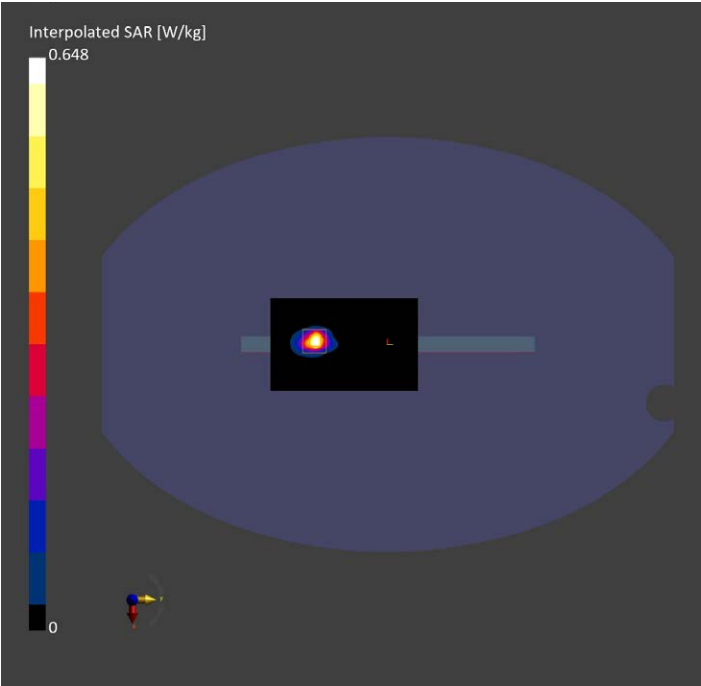
| Phantom                            | TSL       | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|-----------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) – 2227 | HSL6.5GHz | EX3DV4 – SN7858, 2025-02-20 | DAE4ip Sn1847, 2024-12-31 |

Scans Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 80.0 x 120.0 | 22.0 x 22.0 x 20.0 |
| Grid Steps [mm]     | 8.5 x 8.5    | 3.0 x 3.0 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                      | 2025-09-27, 13:29 | 2025-09-27, 13:39 |
| psSAR1g [W/kg]            | 0.463             | 0.548             |
| psSAR10g [W/kg]           | 0.130             | 0.143             |
| psAPD (1.0cm2, sq) [W/m2] |                   | 5.48              |
| psAPD (4.0cm2, sq) [W/m2] |                   | 3.35              |
| Power Drift [dB]          | 0.05              | 0.09              |
| Power Scaling             | Disabled          | Disabled          |
| Scaling Factor [dB]       |                   |                   |
| TSL Correction            | No correction     | No correction     |
| M2/M1 [%]                 |                   | 51.7              |
| Dist 3dB Peak [mm]        |                   | 5.4               |



Device Under Test Properties

| Model  | Dimensions [mm]      |
|--------|----------------------|
| Device | 180.0 x 270.0 x 15.0 |

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, Head Simulating Liquid | EDGE RIGHT, 0.00             | U-NII-6 | WLAN, 10554-AAE | 6505.000, 111                   | 5.45              | 6.14                   | 34.5             |

Hardware Setup

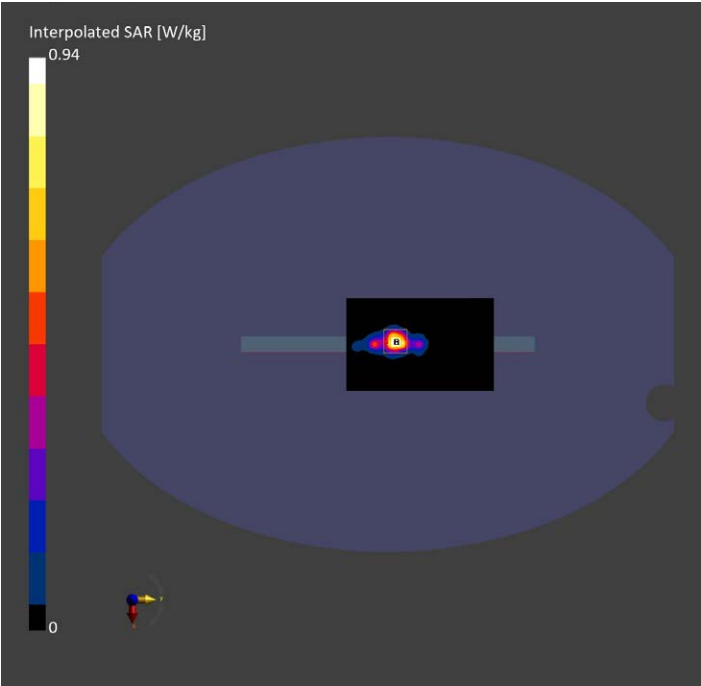
| Phantom                            | TSL       | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|-----------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) – 2227 | HSL6.5GHz | EX3DV4 – SN7858, 2025-02-20 | DAE4ip Sn1847, 2024-12-31 |

Scans Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 80.0 x 120.0 | 22.0 x 22.0 x 20.0 |
| Grid Steps [mm]     | 8.5 x 8.5    | 3.0 x 3.0 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                      | 2025-09-27, 16:03 | 2025-09-27, 16:13 |
| psSAR1g [W/kg]            | 0.715             | 0.819             |
| psSAR10g [W/kg]           | 0.204             | 0.211             |
| psAPD (1.0cm2, sq) [W/m2] |                   | 8.19              |
| psAPD (4.0cm2, sq) [W/m2] |                   | 4.93              |
| Power Drift [dB]          | -0.16             | -0.10             |
| Power Scaling             | Disabled          | Disabled          |
| Scaling Factor [dB]       |                   |                   |
| TSL Correction            | No correction     | No correction     |
| M2/M1 [%]                 |                   | 52.0              |
| Dist 3dB Peak [mm]        |                   | 6.0               |



Device Under Test Properties

| Model  | Dimensions [mm]      |
|--------|----------------------|
| Device | 180.0 x 270.0 x 15.0 |

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, Head Simulating Liquid | EDGE RIGHT, 0.00             | U-NII-5 | WLAN, 10755-AAC | 6025.000, 15                    | 5.45              | 5.53                   | 35.8             |

Hardware Setup

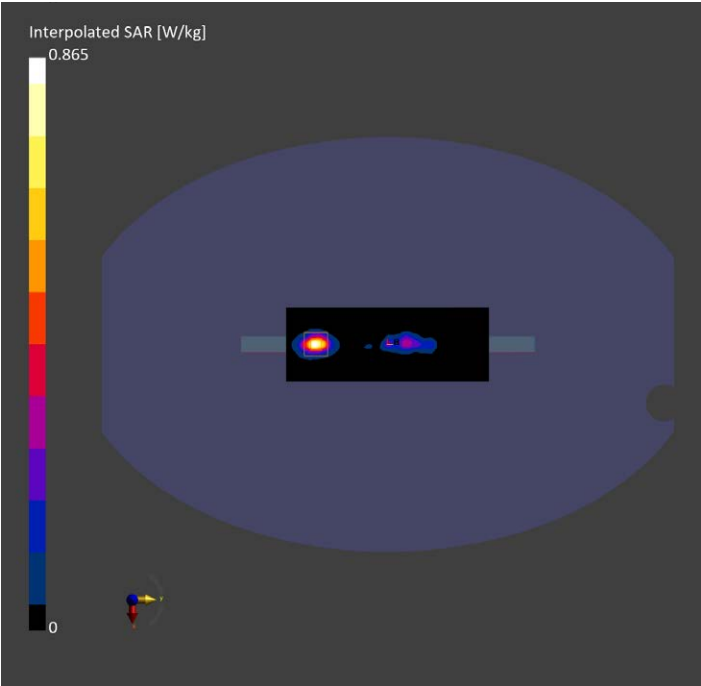
| Phantom                            | TSL       | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|-----------|-----------------------------|---------------------------|
| ELI V8.0 (20deg probe tilt) – 2227 | HSL6.5GHz | EX3DV4 – SN7858, 2025-02-20 | DAE4ip Sn1847, 2024-12-31 |

Scans Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 60.0 x 180.0 | 22.0 x 22.0 x 20.0 |
| Grid Steps [mm]     | 8.5 x 8.5    | 3.0 x 3.0 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                      | 2025-09-27, 18:59 | 2025-09-27, 19:09 |
| psSAR1g [W/kg]            | 0.555             | 0.600             |
| psSAR10g [W/kg]           | 0.154             | 0.156             |
| psAPD (1.0cm2, sq) [W/m2] |                   | 6.00              |
| psAPD (4.0cm2, sq) [W/m2] |                   | 3.65              |
| Power Drift [dB]          | 0.08              | -0.02             |
| Power Scaling             | Disabled          | Disabled          |
| Scaling Factor [dB]       |                   |                   |
| TSL Correction            | No correction     | No correction     |
| M2/M1 [%]                 |                   | 50.4              |
| Dist 3dB Peak [mm]        |                   | 5.4               |



Device Under Test Properties

| Model, Manufacturer | Dimensions [mm]      |
|---------------------|----------------------|
| INARI-E-10-T5G-1    | 180.0 x 270.0 x 14.0 |

Exposure Conditions

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

Hardware Setup

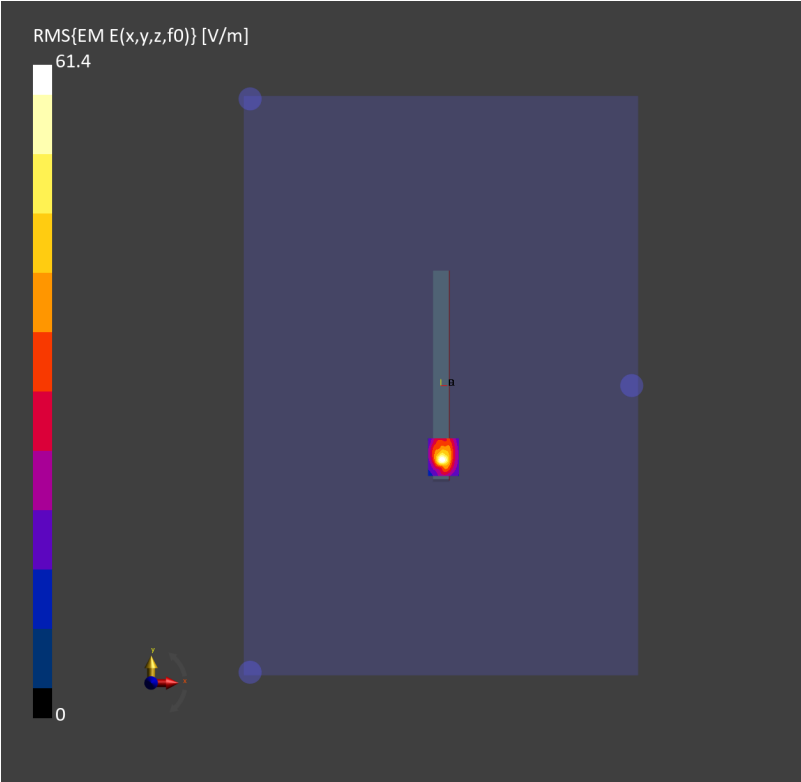
| Phantom       | Medium | Probe, Calibration Date               | DAE, Calibration Date     |
|---------------|--------|---------------------------------------|---------------------------|
| mmWave - 1121 | Air -  | EUmmWV4 - SN9499_F1-55GHz, 2024-12-06 | DAE4ip Sn1847, 2024-12-31 |

Scans Setup

| Scan Type           | 5G Scan         |
|---------------------|-----------------|
| Grid Extents [mm]   | 25.0 x 30.0     |
| Grid Steps [lambda] | 0.0625 x 0.0625 |
| Sensor Surface [mm] | 2.0             |
| MAIA                | Y               |

Measurement Results

| Scan Type                    | 5G Scan           |
|------------------------------|-------------------|
| Date                         | 2025-10-15, 17:42 |
| Avg. Area [cm <sup>2</sup> ] | 4.00              |
| psPDn+ [W/m <sup>2</sup> ]   | 2.50              |
| psPDtot+ [W/m <sup>2</sup> ] | 4.52              |
| psPDmod+ [W/m <sup>2</sup> ] | 4.73              |
| E <sub>max</sub> [V/m]       | 61.4              |
| Power Drift [dB]             | 0.06              |



Device Under Test Properties

|                     |                      |
|---------------------|----------------------|
| Model, Manufacturer | Dimensions [mm]      |
| INARI-E-10-T5G-1 ,  | 180.0 x 270.0 x 14.0 |

Exposure Conditions

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

Hardware Setup

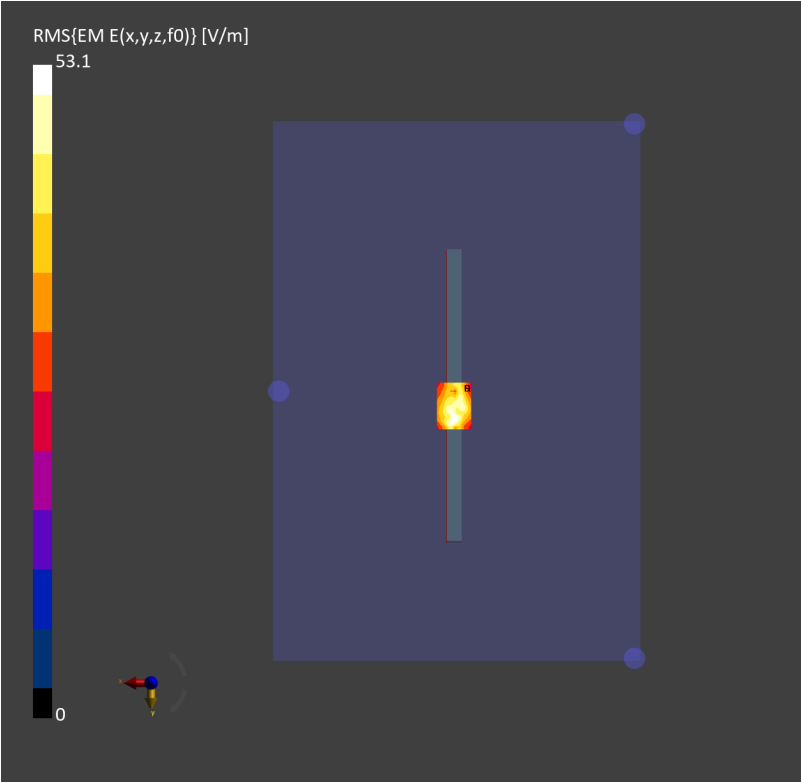
|               |        |                                       |                           |
|---------------|--------|---------------------------------------|---------------------------|
| Phantom       | Medium | Probe, Calibration Date               | DAE, Calibration Date     |
| mmWave - 1121 | Air -  | EUmmWV4 - SN9499_F1-55GHz, 2024-12-06 | DAE4ip Sn1847, 2024-12-31 |

Scans Setup

|                     |                 |
|---------------------|-----------------|
| Scan Type           | 5G Scan         |
| Grid Extents [mm]   | 30.0 x 40.0     |
| Grid Steps [lambda] | 0.0625 x 0.0625 |
| Sensor Surface [mm] | 2.0             |
| MAIA                | Y               |

Measurement Results

|                        |                   |
|------------------------|-------------------|
| Scan Type              | 5G Scan           |
| Date                   | 2025-10-16, 14:34 |
| Avg. Area [cm2]        | 4.00              |
| psPDn+ [W/m2]          | 4.45              |
| psPDtot+ [W/m2]        | 5.67              |
| psPDmod+ [W/m2]        | 6.58              |
| E <sub>max</sub> [V/m] | 53.1              |
| Power Drift [dB]       | 0.19              |



Device Under Test Properties

| Model, Manufacturer | Dimensions [mm]      |
|---------------------|----------------------|
| INARI-E-10-T5G-1    | 180.0 x 270.0 x 14.0 |

Exposure Conditions

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

Hardware Setup

| Phantom       | Medium | Probe, Calibration Date               | DAE, Calibration Date     |
|---------------|--------|---------------------------------------|---------------------------|
| mmWave - 1121 | Air -  | EUmmWV4 - SN9499_F1-55GHz, 2024-12-06 | DAE4ip Sn1847, 2024-12-31 |

Scans Setup

| Scan Type           | 5G Scan         |
|---------------------|-----------------|
| Grid Extents [mm]   | 60.0 x 140.0    |
| Grid Steps [lambda] | 0.0625 x 0.0625 |
| Sensor Surface [mm] | 2.0             |
| MAIA                | Y               |

Measurement Results

| Scan Type                    | 5G Scan           |
|------------------------------|-------------------|
| Date                         | 2025-10-17, 07:42 |
| Avg. Area [cm <sup>2</sup> ] | 4.00              |
| psPDn+ [W/m <sup>2</sup> ]   | 2.53              |
| psPDtot+ [W/m <sup>2</sup> ] | 4.48              |
| psPDmod+ [W/m <sup>2</sup> ] | 4.71              |
| E <sub>max</sub> [V/m]       | 61.4              |
| Power Drift [dB]             | 0.06              |

