

## **Appendix B. Plot of SAR and Power Density Measurement**

The SAR plots for highest measured SAR and Power Density in each exposure configuration, wireless mode and frequency band combination are shown as follows.

Measurement Report

P1869 WLAN 2.4G\_802.11b20\_Right Side\_0cm\_CH11\_Ant 2\_Tablet Mode

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| NP960QGK            | 355.0 x 250.0 x 16.0 |      | Tablet   |

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            | Right Side, 0.00             | WLAN 2.4GHz | WLAN, 10012-CAB | 2462.0, 11                      | 7.63              | 1.87                   | 38.4             |

Hardware Setup

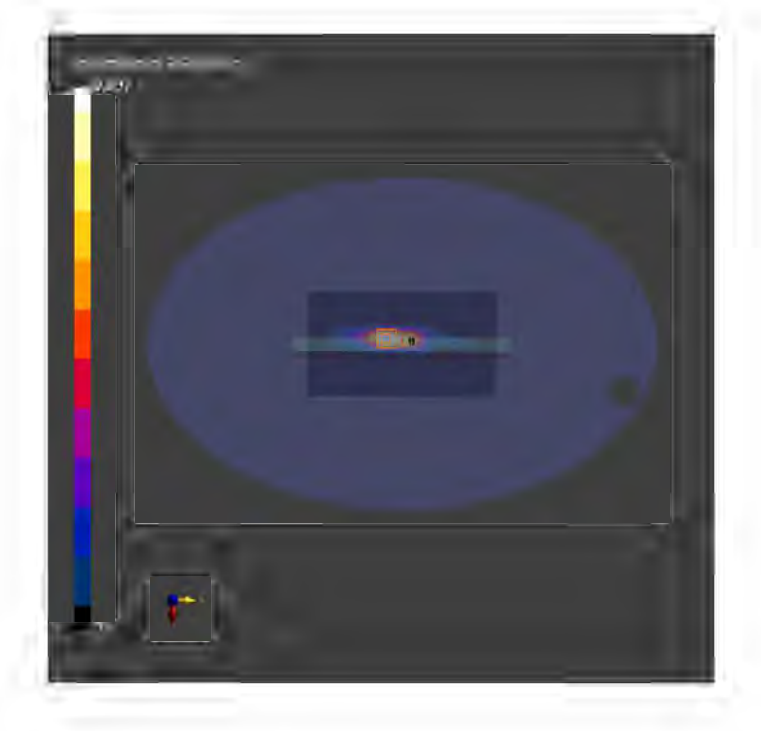
| Phantom                            | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|--------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2185 | H2450, 2023-Sep-21 | EX3DV4 - SN7300, 2023-05-25 | DAE4 Sn1397, 2023-04-26 |

Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 120.0 x 216.0 | 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                |

Measurement Results

|                    | Area Scan         | Zoom Scan         |
|--------------------|-------------------|-------------------|
| Date               | 2023-09-21, 16:28 | 2023-09-21, 16:34 |
| psSAR1g [W/kg]     | 0.731             | 1.09              |
| psSAR10g [W/kg]    | 0.362             | 0.432             |
| Power Drift [dB]   | 0.01              | 0.04              |
| M2/M1 [%]          |                   | 40.6              |
| Dist 3dB Peak [mm] |                   | 6.0               |



Measurement Report

P2008 WLAN 5.3G\_802.11ax160\_Right Side\_0cm\_CH50\_Ant 2\_Tablet Mode

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| NP960QGK            | 355.0 x 250.0 x 16.0 |      | Tablet   |

Exposure Conditions

| Phantom Section | Position   | Test Distance [mm] | Band              | Group | UID   | Rev | Frequency [MHz] | Channel Number |
|-----------------|------------|--------------------|-------------------|-------|-------|-----|-----------------|----------------|
| Flat HSL        | Right Side | 0.00               | U-NII-1, U-NII-2A | WLAN  | 10755 | AAC | 5250.000        | 50             |

Hardware Setup

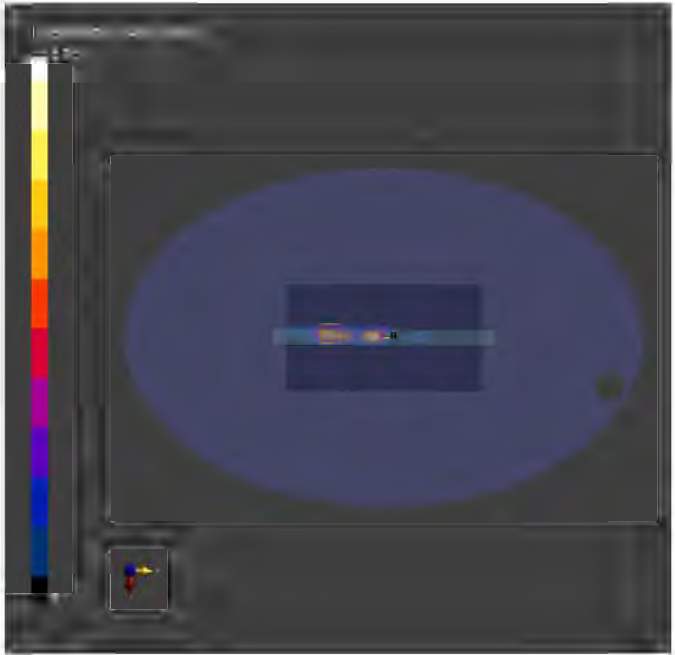
| Phantom                     | TSL              | Probe           | Calibration Date | DAE         | Calibration Date |
|-----------------------------|------------------|-----------------|------------------|-------------|------------------|
| ELI V8.0 (20deg probe tilt) | H5G, 2023-Sep-26 | EX3DV4 - SN7300 | 2023-05-25       | DAE4 Sn1397 | 2023-04-26       |

Scan Setup

| Scan Name      | Grid Extents [mm]   | Grid Steps [mm]   | Sensor Surface [mm] | TSL Correction | Meas. Method | Probe Positioning | MAIA |
|----------------|---------------------|-------------------|---------------------|----------------|--------------|-------------------|------|
| Fast Area Scan | 120.0 x 220.0 x 0.0 | 10.0 x 10.0 x 1.0 | 4.0                 | Disabled       | Measured     | N/A               | N/A  |
| Area Scan      | 120.0 x 220.0 x 0.0 | 10.0 x 10.0 x 1.0 | 3.0                 | Disabled       | Measured     | VMS + 6p          | Y    |
| Zoom Scan      | 24.0 x 24.0 x 22.0  | 4.0 x 4.0 x 1.4   | 1.4                 | Disabled       | Measured     | VMS + 6p          | N/A  |
| Zoom Scan      | 24.0 x 24.0 x 22.0  | 4.0 x 4.0 x 1.4   | 1.4                 | Disabled       | Measured     | VMS + 6p          | N/A  |

SAR Measurement Results

| Date              | Scan Name      | psSAR1g [W/kg] | psSAR10g [W/kg] | Tune-up [dB] | Drift [dB] | M2/M1 [%] | Dist 3dB [mm] |
|-------------------|----------------|----------------|-----------------|--------------|------------|-----------|---------------|
| 2023-09-26, 19:13 | Fast Area Scan | 0.677          | 0.201           | 0.00         | N/A        | N/A       | N/A           |
| 2023-09-26, 19:19 | Area Scan      | 0.651          | 0.191           | 0.00         | -0.01      | N/A       | N/A           |
| 2023-09-26, 19:27 | Zoom Scan      | 0.791          | 0.208           | 0.00         | -0.01      | 62.0      | 5.1           |
| 2023-09-26, 19:34 | Zoom Scan      | 0.649          | 0.199           | 0.00         | -0.00      | 61.6      | 6.4           |



Measurement Report

P2115 WLAN 5.6G\_802.11ax160\_Right Side\_0cm\_CH114\_Ant 2\_Tablet Mode

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| NP960QGK            | 355.0 x 250.0 x 16.0 |      | Tablet   |

Exposure Conditions

| Phantom Section | Position   | Test Distance [mm] | Band      | Group | UID   | Rev | Frequency [MHz] | Channel Number |
|-----------------|------------|--------------------|-----------|-------|-------|-----|-----------------|----------------|
| Flat HSL        | Right Side | 0.00               | WLAN 5GHz | WLAN  | 10731 | AAC | 5570.000        | 114            |

Hardware Setup

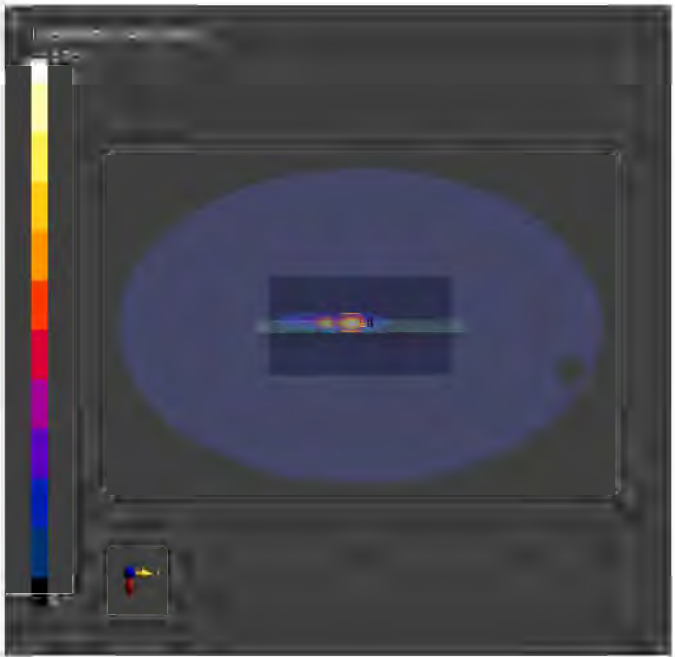
| Phantom                     | TSL              | Probe           | Calibration Date | DAE         | Calibration Date |
|-----------------------------|------------------|-----------------|------------------|-------------|------------------|
| ELI V8.0 (20deg probe tilt) | H5G, 2023-Oct-05 | EX3DV4 - SN7300 | 2023-05-25       | DAE4 Sn1397 | 2023-04-26       |

Scan Setup

| Scan Name      | Grid Extents [mm]   | Grid Steps [mm]   | Sensor Surface [mm] | TSL Correction | Meas. Method | Probe Positioning | MAIA |
|----------------|---------------------|-------------------|---------------------|----------------|--------------|-------------------|------|
| Fast Area Scan | 120.0 x 220.0 x 0.0 | 10.0 x 10.0 x 1.0 | 4.0                 | Disabled       | Measured     | N/A               | N/A  |
| Area Scan      | 120.0 x 220.0 x 0.0 | 10.0 x 10.0 x 1.0 | 3.0                 | Disabled       | Measured     | VMS + 6p          | Y    |
| Zoom Scan      | 24.0 x 24.0 x 22.0  | 4.0 x 4.0 x 1.4   | 1.4                 | Disabled       | Measured     | VMS + 6p          | N/A  |
| Zoom Scan      | 24.0 x 24.0 x 22.0  | 4.0 x 4.0 x 1.4   | 1.4                 | Disabled       | Measured     | VMS + 6p          | N/A  |

SAR Measurement Results

| Date              | Scan Name      | psSAR1g [W/kg] | psSAR10g [W/kg] | Tune-up [dB] | Drift [dB] | M2/M1 [%] | Dist 3dB [mm] |
|-------------------|----------------|----------------|-----------------|--------------|------------|-----------|---------------|
| 2023-10-05, 20:02 | Fast Area Scan | 0.693          | 0.245           | 0.00         | N/A        | N/A       | N/A           |
| 2023-10-05, 20:07 | Area Scan      | 0.718          | 0.233           | 0.00         | -0.09      | N/A       | N/A           |
| 2023-10-05, 20:19 | Zoom Scan      | 0.995          | 0.256           | 0.00         | -0.01      | 60.9      | 4.8           |
| 2023-10-05, 20:27 | Zoom Scan      | 0.811          | 0.192           | 0.00         | -0.01      | 59.0      | 4.8           |



Measurement Report

P2308 WLAN 5.8G\_802.11ax80\_Right Side\_0cm\_CH155\_Ant 2\_Tablet Mode

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| NP960QGK            | 355.0 x 250.0 x 16.0 |      | Tablet   |

Exposure Conditions

| Phantom Section | Position   | Test Distance [mm] | Band      | Group | UID   | Rev | Frequency [MHz] | Channel Number |
|-----------------|------------|--------------------|-----------|-------|-------|-----|-----------------|----------------|
| Flat HSL        | Right Side | 0.00               | WLAN 5GHz | WLAN  | 10731 | AAC | 5775.000        | 155            |

Hardware Setup

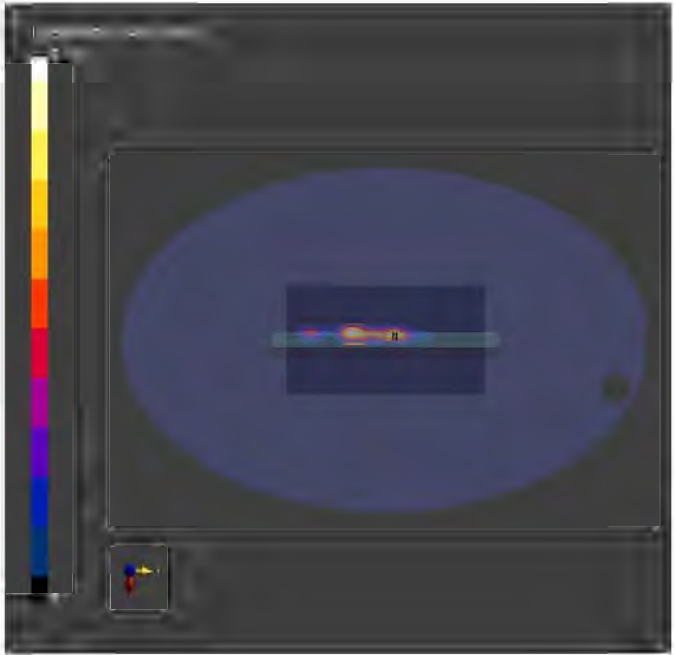
| Phantom                     | TSL              | Probe           | Calibration Date | DAE         | Calibration Date |
|-----------------------------|------------------|-----------------|------------------|-------------|------------------|
| ELI V8.0 (20deg probe tilt) | H5G, 2023-Oct-04 | EX3DV4 - SN7300 | 2023-05-25       | DAE4 Sn1397 | 2023-04-26       |

Scan Setup

| Scan Name      | Grid Extents [mm]   | Grid Steps [mm]   | Sensor Surface [mm] | TSL Correction | Meas. Method | Probe Positioning | MAIA |
|----------------|---------------------|-------------------|---------------------|----------------|--------------|-------------------|------|
| Fast Area Scan | 120.0 x 220.0 x 0.0 | 10.0 x 10.0 x 1.0 | 4.0                 | Disabled       | Measured     | N/A               | N/A  |
| Area Scan      | 120.0 x 220.0 x 0.0 | 10.0 x 10.0 x 1.0 | 3.0                 | Disabled       | Measured     | VMS + 6p          | Y    |
| Zoom Scan      | 24.0 x 24.0 x 22.0  | 4.0 x 4.0 x 1.4   | 1.4                 | Disabled       | Measured     | VMS + 6p          | N/A  |
| Zoom Scan      | 24.0 x 24.0 x 22.0  | 4.0 x 4.0 x 1.4   | 1.4                 | Disabled       | Measured     | VMS + 6p          | Y    |

SAR Measurement Results

| Date              | Scan Name      | psSAR1g [W/kg] | psSAR10g [W/kg] | Tune-up [dB] | Drift [dB] | M2/M1 [%] | Dist 3dB [mm] |
|-------------------|----------------|----------------|-----------------|--------------|------------|-----------|---------------|
| 2023-10-04, 18:57 | Fast Area Scan | 0.540          | 0.170           | 0.00         | N/A        | N/A       | N/A           |
| 2023-10-04, 19:02 | Area Scan      | 0.507          | 0.155           | 0.00         | -0.01      | N/A       | N/A           |
| 2023-10-04, 19:11 | Zoom Scan      | 0.838          | 0.181           | 0.00         | 0.09       | 57.5      | 4.0           |
| 2023-10-04, 19:19 | Zoom Scan      | 0.490          | 0.118           | 0.00         | -0.02      | 56.6      | 5.7           |



Measurement Report

P2455 BT\_BDR\_Left Side\_0cm\_CH0\_Ant 1\_Tablet Mode

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| NP960QGK            | 355.0 x 250.0 x 16.0 |      | Tablet   |

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            | Left Side, 0.00              | ISM 2.4 GHz Band | Bluetooth, 10032-CAA | 2402.0, 0                       | 7.63              | 1.80                   | 38.6             |

Hardware Setup

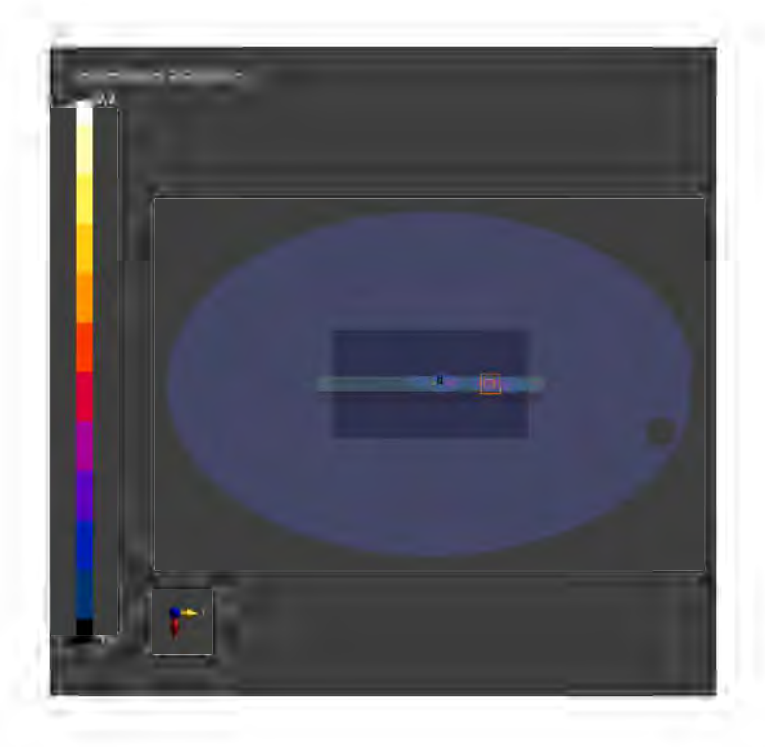
| Phantom                            | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|--------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2185 | H2450, 2023-Sep-21 | EX3DV4 - SN7300, 2023-05-25 | DAE4 Sn1397, 2023-04-26 |

Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 120.0 x 216.0 | 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                |

Measurement Results

|                    | Area Scan         | Zoom Scan         |
|--------------------|-------------------|-------------------|
| Date               | 2023-09-21, 20:25 | 2023-09-21, 20:32 |
| psSAR1g [W/kg]     | 0.031             | 0.030             |
| psSAR10g [W/kg]    | 0.012             | 0.009             |
| Power Drift [dB]   | -0.03             | -0.00             |
| M2/M1 [%]          |                   | 40.5              |
| Dist 3dB Peak [mm] |                   | 5.0               |



Measurement Report

P2604 WLAN 6.5G\_802.11ax160\_Left Side\_0cm\_CH207\_Ant 1\_Tablet Mode

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| NP965QFG            | 355.0 x 250.0 x 16.0 |      | Tablet   |

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            | Left Side, 0.00              | U-NII-8 | WLAN, 10755-AAC | 6985.0, 207                     | 5.85              | 6.58                   | 32.8             |

Hardware Setup

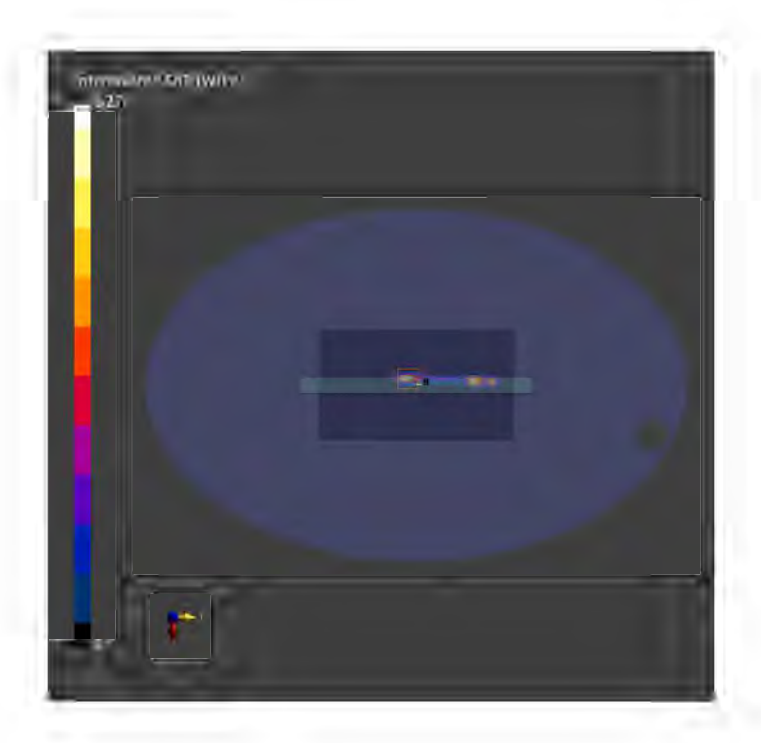
| Phantom                            | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|--------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2185 | H6500, 2023-Sep-25 | EX3DV4 - SN7300, 2023-05-25 | DAE4 Sn1397, 2023-04-26 |

Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 120.0 x 210.0 | 27.2 x 27.2 x 22.0 |
| Grid Steps [mm]     | 7.5 x 7.5     | 3.4 x 3.4 x 1.4    |
| Sensor Surface [mm] | 3.0           | 1.4                |

Measurement Results

|                           | Area Scan         | Zoom Scan         |
|---------------------------|-------------------|-------------------|
| Date                      | 2023-09-25, 18:56 | 2023-09-25, 19:13 |
| psSAR1g [W/kg]            | 0.176             | 0.202             |
| psSAR10g [W/kg]           | 0.038             | 0.043             |
| psAPD (1.0cm2, sq) [W/m2] |                   | 2.02              |
| psAPD (4.0cm2, sq) [W/m2] |                   | 1.02              |
| Power Drift [dB]          | 0.04              | 0.08              |
| M2/M1 [%]                 |                   | 47.1              |
| Dist 3dB Peak [mm]        |                   | 4.6               |



Measurement Report

P2702 WLAN 6.5G\_802.11ax160\_Left Side\_CH207\_ANT 1\_Tablet Mode

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| NP960QGK            | 355.0 x 250.0 x 16.0 |      | Tablet   |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band    | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|---------|-----------------|---------------------------------|-------------------|
| 5G Air          | Left Side, 2.00              | U-NII-8 | WLAN, 10755-AAC | 6985.0, 207                     | 1.0               |

Hardware Setup

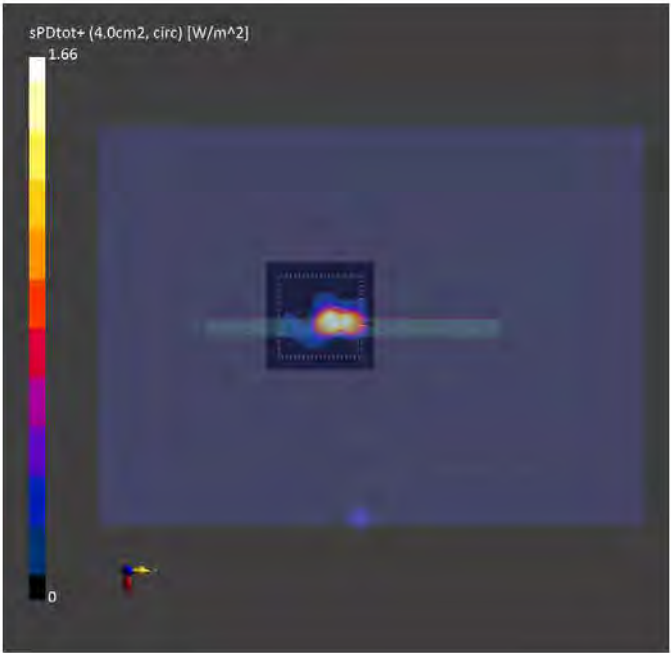
| Phantom | Medium | Probe, Calibration Date               | DAE, Calibration Date   |
|---------|--------|---------------------------------------|-------------------------|
| mmWave  | Air    | EUmmWV4 - SN9671_F1-55GHz, 2023-07-05 | DAE4 Sn1748, 2023-07-07 |

Scan Setup

|                     | 5G Scan                                        |
|---------------------|------------------------------------------------|
| Grid Extents [mm]   | 90.0 x 90.0                                    |
| Grid Steps [lambda] | 0.047559807339951216 x<br>0.047559807339951216 |
| Sensor Surface [mm] | 2.0                                            |
| MAIA                | Y                                              |

Measurement Results

|                        | 5G Scan           |
|------------------------|-------------------|
| Date                   | 2023-10-10, 20:35 |
| Avg. Area [cm²]        | 4.00              |
| psPDn+ [W/m²]          | 0.874             |
| psPDtot+ [W/m²]        | 1.70              |
| psPDmod+ [W/m²]        | 2.83              |
| E <sub>max</sub> [V/m] | 57.5              |
| Power Drift [dB]       | 0.01              |



Measurement Report

P3009 WLAN 2.4G\_802.11b20\_Bottom\_0cm\_CH6\_Ant 2\_Laptop Mode

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| NP960QGK            | 355.0 x 250.0 x 16.0 |      | 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            | Bottom, 0.00                 | WLAN 2.4GHz | WLAN, 10012-CAB | 2437.0, 6                       | 7.63              | 1.81                   | 38.7             |

Hardware Setup

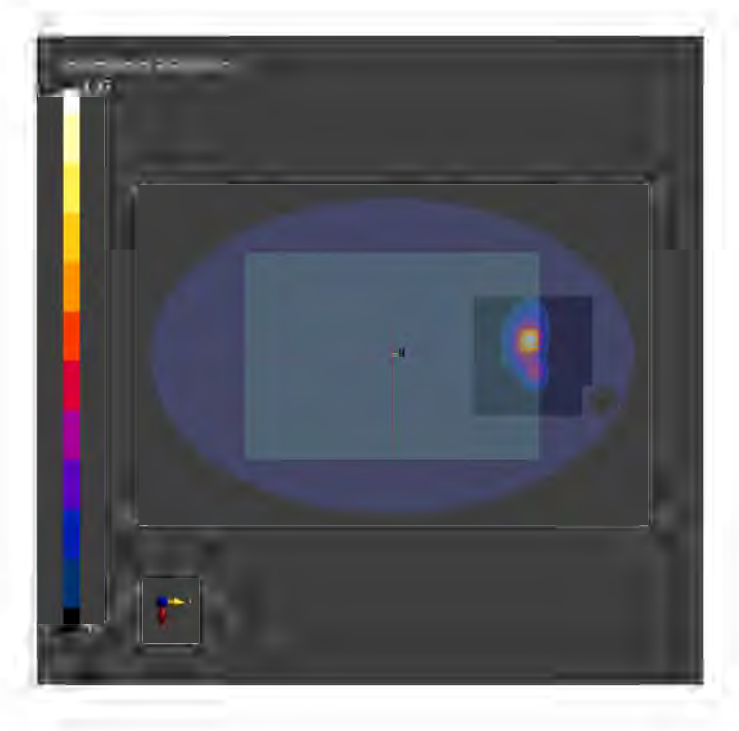
| Phantom                            | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|--------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2185 | H2450, 2023-Sep-22 | EX3DV4 - SN7300, 2023-05-25 | DAE4 Sn1397, 2023-04-26 |

Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 144.0 x 144.0 | 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                |

Measurement Results

|                    | Area Scan         | Zoom Scan         |
|--------------------|-------------------|-------------------|
| Date               | 2023-09-22, 12:42 | 2023-09-22, 12:48 |
| psSAR1g [W/kg]     | 1.08              | 1.12              |
| psSAR10g [W/kg]    | 0.544             | 0.559             |
| Power Drift [dB]   | 0.01              | 0.02              |
| M2/M1 [%]          |                   | 47.8              |
| Dist 3dB Peak [mm] |                   | 10.0              |



Measurement Report

P3101 WLAN 5.3G\_802.11ax160\_Bottom\_0cm\_CH50\_Ant 2\_Laptop Mode

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| NP960QGK            | 355.0 x 250.0 x 16.0 |      | Laptop   |

Exposure Conditions

| Phantom Section | Position | Test Distance [mm] | Band              | Group | UID   | Rev | Frequency [MHz] | Channel Number |
|-----------------|----------|--------------------|-------------------|-------|-------|-----|-----------------|----------------|
| Flat HSL        | Bottom   | 0.00               | U-NII-1, U-NII-2A | WLAN  | 10755 | AAC | 5250.000        | 50             |

Hardware Setup

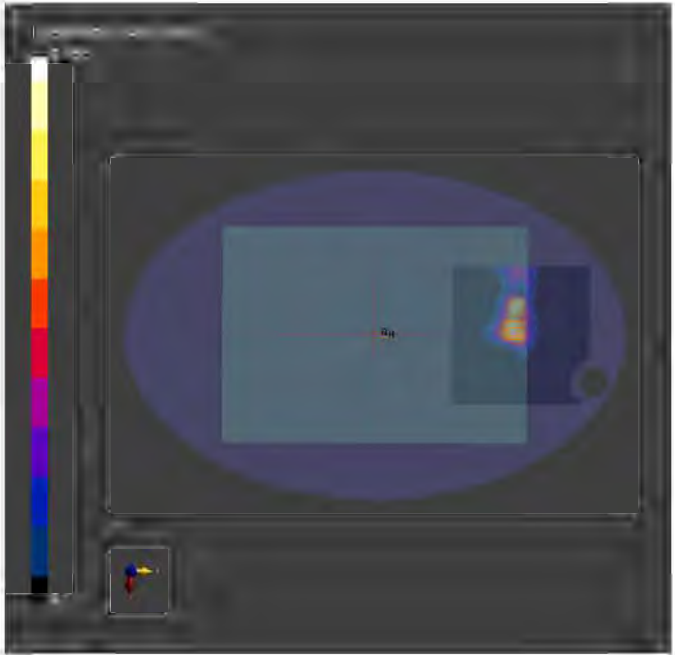
| Phantom                     | TSL              | Probe           | Calibration Date | DAE         | Calibration Date |
|-----------------------------|------------------|-----------------|------------------|-------------|------------------|
| ELI V8.0 (20deg probe tilt) | H5G, 2023-Sep-26 | EX3DV4 - SN7300 | 2023-05-25       | DAE4 Sn1397 | 2023-04-26       |

Scan Setup

| Scan Name      | Grid Extents [mm]   | Grid Steps [mm]   | Sensor Surface [mm] | TSL Correction | Meas. Method | Probe Positioning | MAIA |
|----------------|---------------------|-------------------|---------------------|----------------|--------------|-------------------|------|
| Fast Area Scan | 160.0 x 160.0 x 0.0 | 10.0 x 10.0 x 1.0 | 4.0                 | Disabled       | Measured     | N/A               | N/A  |
| Area Scan      | 160.0 x 160.0 x 0.0 | 10.0 x 10.0 x 1.0 | 3.0                 | Disabled       | Measured     | All points        | Y    |
| Zoom Scan      | 24.0 x 24.0 x 22.0  | 4.0 x 4.0 x 1.4   | 1.4                 | Disabled       | Measured     | All points        | Y    |
| Zoom Scan      | 24.0 x 24.0 x 22.0  | 4.0 x 4.0 x 1.4   | 1.4                 | Disabled       | Measured     | All points        | N/A  |

SAR Measurement Results

| Date              | Scan Name      | psSAR1g [W/kg] | psSAR10g [W/kg] | Tune-up [dB] | Drift [dB] | M2/M1 [%] | Dist 3dB [mm] |
|-------------------|----------------|----------------|-----------------|--------------|------------|-----------|---------------|
| 2023-09-26, 10:54 | Fast Area Scan | 0.222          | 0.091           | 0.00         | N/A        | N/A       | N/A           |
| 2023-09-26, 11:18 | Area Scan      | 0.561          | 0.229           | 0.00         | -0.09      | N/A       | N/A           |
| 2023-09-26, 11:31 | Zoom Scan      | 0.560          | 0.235           | 0.00         | 0.14       | 66.9      | 10.8          |
| 2023-09-26, 11:44 | Zoom Scan      | 0.596          | 0.207           | 0.00         | 0.14       | 61.7      | 6.9           |



Measurement Report

P3201 WLAN 5.6G\_802.11ax160\_Bottom\_0cm\_CH114\_Ant 2\_Laptop Mode

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| NP960QGK            | 355.0 x 250.0 x 16.0 |      | 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            | Bottom, 0.00                 | WLAN 5GHz | WLAN, 10755-AAC | 5570.0, 114                     | 4.82              | 5.10                   | 35.0             |

Hardware Setup

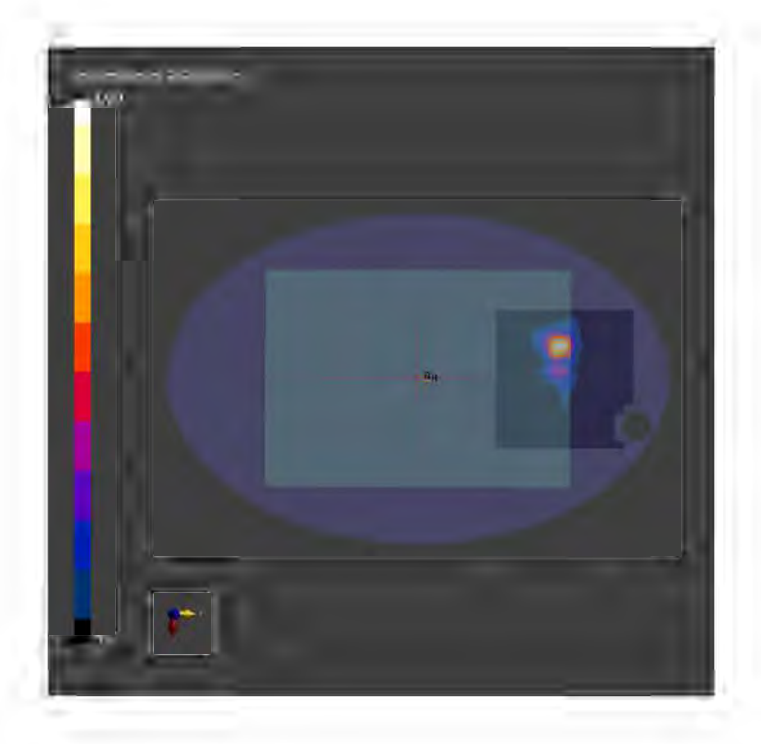
| Phantom                            | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|--------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2185 | H5G, 2023-Oct-05   | EX3DV4 - SN7300, 2023-05-25 | DAE4 Sn1397, 2023-04-26 |

Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 160.0 x 160.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0           | 1.4                |

Measurement Results

|                    | Area Scan         | Zoom Scan         |
|--------------------|-------------------|-------------------|
| Date               | 2023-10-05, 11:16 | 2023-10-05, 11:24 |
| psSAR1g [W/kg]     | 0.799             | 0.906             |
| psSAR10g [W/kg]    | 0.294             | 0.315             |
| Power Drift [dB]   | -0.10             | 0.08              |
| M2/M1 [%]          |                   | 61.7              |
| Dist 3dB Peak [mm] |                   | 7.9               |



Measurement Report

P3401 WLAN 5.8G\_802.11ax80\_Bottom\_0cm\_CH155\_Ant 2\_Laptop Mode

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| NP960QGK            | 355.0 x 250.0 x 16.0 |      | Laptop   |

Exposure Conditions

| Phantom Section | Position | Test Distance [mm] | Band      | Group | UID   | Rev | Frequency [MHz] | Channel Number |
|-----------------|----------|--------------------|-----------|-------|-------|-----|-----------------|----------------|
| Flat HSL        | Bottom   | 0.00               | WLAN 5GHz | WLAN  | 10731 | AAC | 5775.000        | 155            |

Hardware Setup

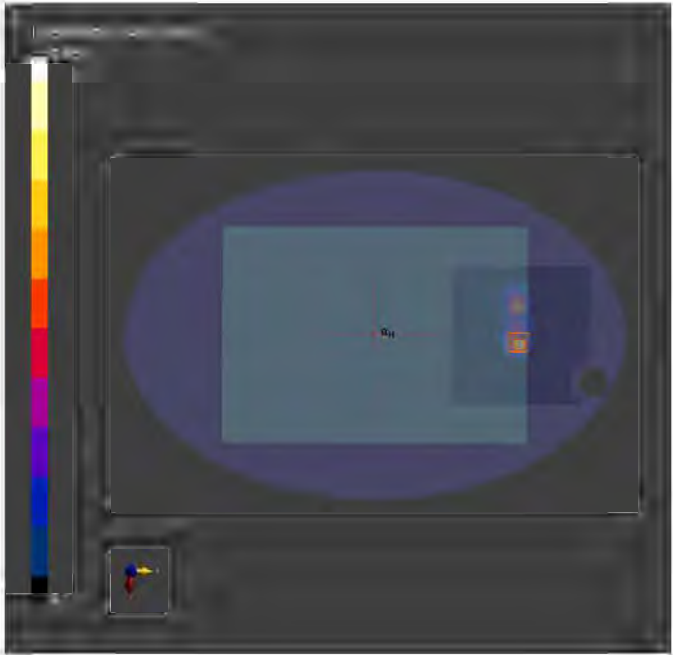
| Phantom                     | TSL              | Probe           | Calibration Date | DAE         | Calibration Date |
|-----------------------------|------------------|-----------------|------------------|-------------|------------------|
| ELI V8.0 (20deg probe tilt) | H5G, 2023-Oct-04 | EX3DV4 - SN7300 | 2023-05-25       | DAE4 Sn1397 | 2023-04-26       |

Scan Setup

| Scan Name      | Grid Extents [mm]   | Grid Steps [mm]   | Sensor Surface [mm] | TSL Correction | Meas. Method | Probe Positioning | MAIA |
|----------------|---------------------|-------------------|---------------------|----------------|--------------|-------------------|------|
| Fast Area Scan | 160.0 x 160.0 x 0.0 | 10.0 x 10.0 x 1.0 | 4.0                 | Disabled       | Measured     | N/A               | N/A  |
| Area Scan      | 160.0 x 160.0 x 0.0 | 10.0 x 10.0 x 1.0 | 3.0                 | Disabled       | Measured     | VMS + 6p          | Y    |
| Zoom Scan      | 24.0 x 24.0 x 22.0  | 4.0 x 4.0 x 1.4   | 1.4                 | Disabled       | Measured     | VMS + 6p          | Y    |
| Zoom Scan      | 24.0 x 24.0 x 22.0  | 4.0 x 4.0 x 1.4   | 1.4                 | Disabled       | Measured     | VMS + 6p          | Y    |

SAR Measurement Results

| Date              | Scan Name      | psSAR1g [W/kg] | psSAR10g [W/kg] | Tune-up [dB] | Drift [dB] | M2/M1 [%] | Dist 3dB [mm] |
|-------------------|----------------|----------------|-----------------|--------------|------------|-----------|---------------|
| 2023-10-04, 10:38 | Fast Area Scan | 0.539          | 0.169           | 0.00         | N/A        | N/A       | N/A           |
| 2023-10-04, 10:44 | Area Scan      | 0.536          | 0.168           | 0.00         | -0.10      | N/A       | N/A           |
| 2023-10-04, 10:52 | Zoom Scan      | 0.614          | 0.175           | 0.00         | 0.09       | 59.9      | 5.4           |
| 2023-10-04, 11:00 | Zoom Scan      | 0.509          | 0.156           | 0.00         | -0.08      | 61.5      | 6.8           |



Measurement Report

P4001 BT\_BDR\_Bottom\_0cm\_CH0\_Ant 1\_Laptop Mode

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| NP960QGK            | 355.0 x 250.0 x 16.0 |      | 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            | Bottom, 0.00                 | ISM 2.4 GHz Band | Bluetooth, 10032-CAA | 2402.0, 0                       | 7.63              | 1.78                   | 38.8             |

Hardware Setup

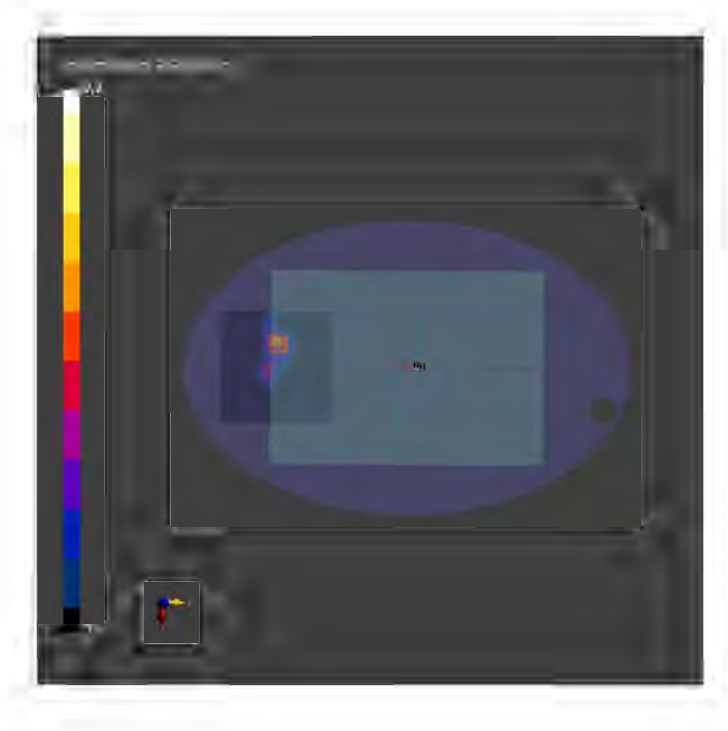
| Phantom                            | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|--------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2185 | H2450, 2023-Sep-22 | EX3DV4 - SN7300, 2023-05-25 | DAE4 Sn1397, 2023-04-26 |

Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 144.0 x 144.0 | 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                |

Measurement Results

|                    | Area Scan         | Zoom Scan         |
|--------------------|-------------------|-------------------|
| Date               | 2023-09-22, 14:36 | 2023-09-22, 14:47 |
| psSAR1g [W/kg]     | 0.056             | 0.058             |
| psSAR10g [W/kg]    | 0.025             | 0.025             |
| Power Drift [dB]   | -0.02             | 0.01              |
| M2/M1 [%]          |                   | 45.6              |
| Dist 3dB Peak [mm] |                   | 8.0               |



Measurement Report

P3606 WLAN 6.5G\_802.11ax160\_Bottom\_0cm\_CH111\_Ant 2\_Laptop Mode

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| NP965QFG            | 355.0 x 250.0 x 16.0 |      | 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            | Bottom, 0.00                 | U-NII-6 | WLAN, 10755-AAC | 6505.0, 111                     | 5.85              | 6.11                   | 34.8             |

Hardware Setup

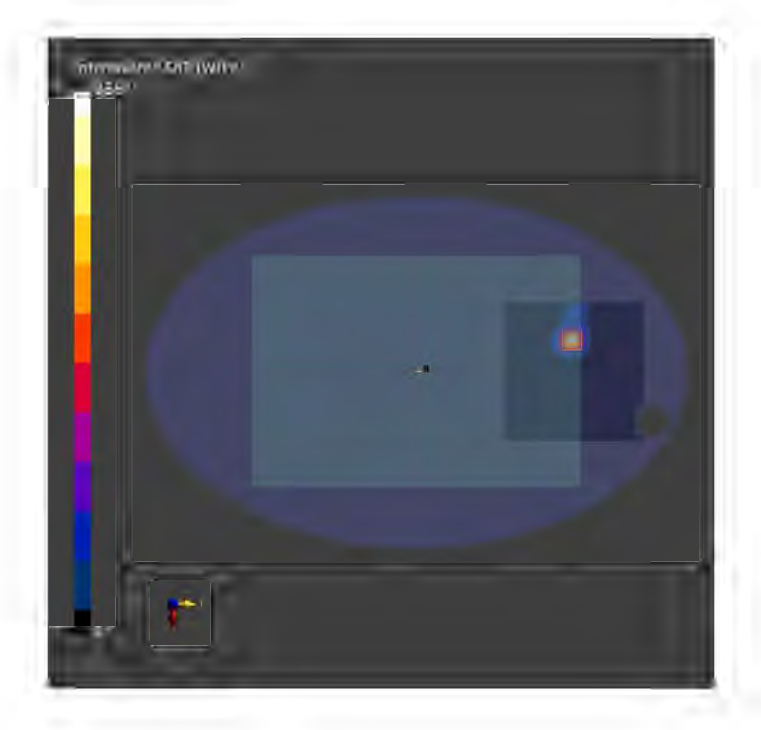
| Phantom                            | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|--------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2185 | H6500, 2023-Sep-30 | EX3DV4 - SN7300, 2023-05-25 | DAE4 Sn1397, 2023-04-26 |

Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 150.0 x 150.0 | 27.2 x 27.2 x 22.0 |
| Grid Steps [mm]     | 7.5 x 7.5     | 3.4 x 3.4 x 1.4    |
| Sensor Surface [mm] | 3.0           | 1.4                |

Measurement Results

|                           | Area Scan         | Zoom Scan         |
|---------------------------|-------------------|-------------------|
| Date                      | 2023-09-30, 14:05 | 2023-09-30, 14:15 |
| psSAR1g [W/kg]            | 0.445             | 0.498             |
| psSAR10g [W/kg]           | 0.142             | 0.157             |
| psAPD (1.0cm2, sq) [W/m2] |                   | 4.98              |
| psAPD (4.0cm2, sq) [W/m2] |                   | 3.61              |
| Power Drift [dB]          | -0.05             | 0.12              |
| M2/M1 [%]                 |                   | 52.4              |
| Dist 3dB Peak [mm]        |                   | 8.0               |



Measurement Report

P3614 WLAN 6.5G\_802.11ax160\_Bottom\_CH175\_ANT 2\_Laptop Mode

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| NP960QGK            | 355.0 x 250.0 x 16.0 |      | Laptop   |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band    | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|---------|-----------------|---------------------------------|-------------------|
| 5G Air          | Bottom, 2.00                 | U-NII-7 | WLAN, 10755-AAC | 6825.0, 175                     | 1.0               |

Hardware Setup

| Phantom | Medium | Probe, Calibration Date               | DAE, Calibration Date   |
|---------|--------|---------------------------------------|-------------------------|
| mmWave  | Air    | EUmmWV4 - SN9671_F1-55GHz, 2023-07-05 | DAE4 Sn1748, 2023-07-07 |

Scan Setup

|                     | 5G Scan                                        |
|---------------------|------------------------------------------------|
| Grid Extents [mm]   | 88.0 x 88.0                                    |
| Grid Steps [lambda] | 0.046470391566953054 x<br>0.046470391566953054 |
| Sensor Surface [mm] | 2.0                                            |
| MAIA                | Y                                              |

Measurement Results

|                        | 5G Scan           |
|------------------------|-------------------|
| Date                   | 2023-10-05, 22:20 |
| Avg. Area [cm²]        | 4.00              |
| psPDn+ [W/m²]          | 1.71              |
| psPDtot+ [W/m²]        | 3.17              |
| psPDmod+ [W/m²]        | 3.67              |
| E <sub>max</sub> [V/m] | 47.9              |
| Power Drift [dB]       | -0.05             |

