

### Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

## Plots of System Verification

### Measurement Report

S01 System Check\_H1900\_231207

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | Dipole   |

### 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,                | ,                            |      | CW, 0--    | 1900.000, 0                     | 8.37              | 1.47                   | 41.5             |

### Hardware Setup

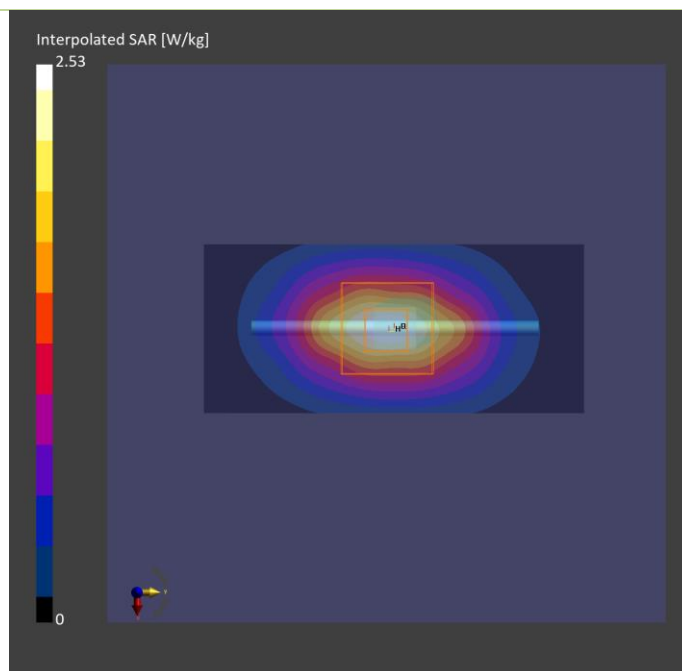
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-07 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-07 | 2023-12-07 |
| psSAR1g [W/kg]   | 2.01       | 1.98       |
| psSAR10g [W/kg]  | 1.05       | 1.03       |
| Power Drift [dB] | -0.05      | -0.01      |



## Plots of System Verification

### Measurement Report

S02 System Check\_H1750\_231207

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | Dipole   |

### 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,                | ,                            |      | CW, 0--    | 1750.000, 0                     | 9.0               | 1.39                   | 41.7             |

### Hardware Setup

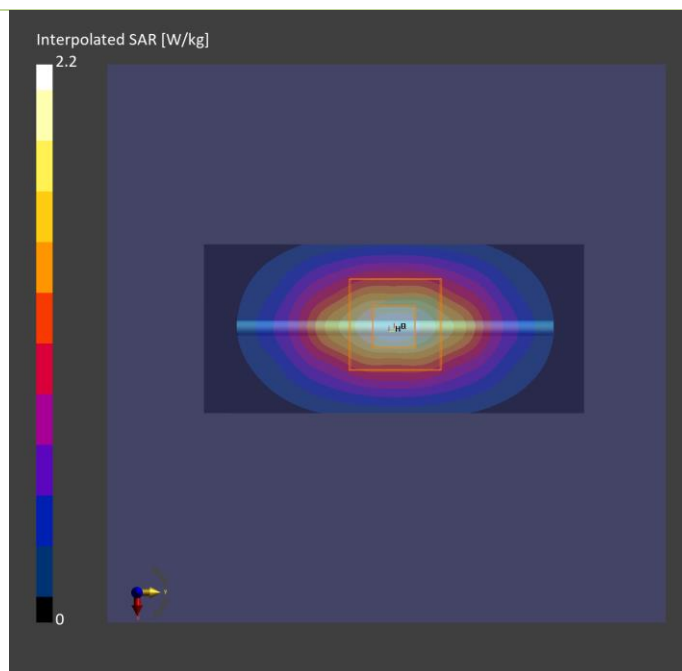
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-07 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-07 | 2023-12-07 |
| psSAR1g [W/kg]   | 1.76       | 1.73       |
| psSAR10g [W/kg]  | 0.936      | 0.915      |
| Power Drift [dB] | 0.08       | 0.06       |



## Plots of System Verification

### Measurement Report

S03 System Check\_H835\_231207

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Device,             | 10.0 x 10.0 x 300.0 |      | Dipole   |

### 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,                | ,                            |      | CW, 0--    | 835.000, 0                      | 10.16             | 0.967                  | 43.5             |

### Hardware Setup

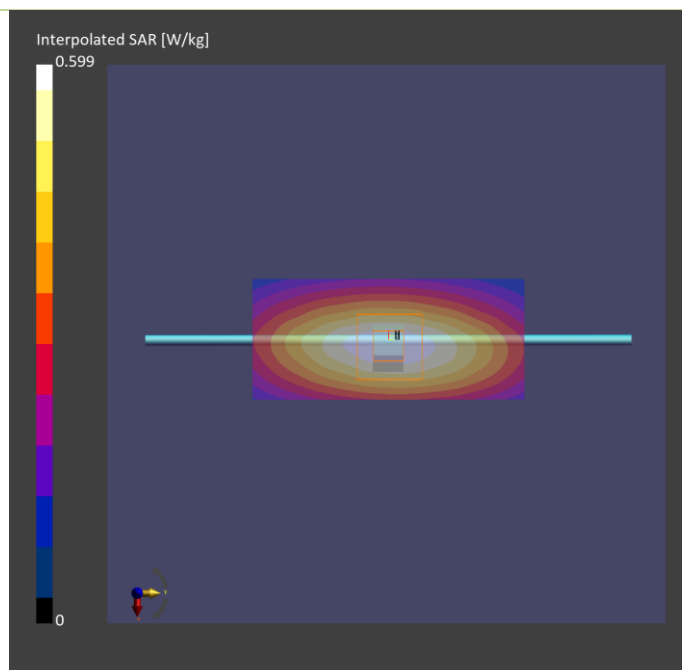
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-07 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-07 | 2023-12-07 |
| psSAR1g [W/kg]   | 0.521      | 0.523      |
| psSAR10g [W/kg]  | 0.348      | 0.346      |
| Power Drift [dB] | 0.07       | 0.01       |



## Plots of System Verification

### Measurement Report

S04 System Check\_H2600\_231209

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | Dipole   |

### 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,                | ,                            |      | CW, 0--    | 2600.000, 0                     | 7.61              | 1.89                   | 39.4             |

### Hardware Setup

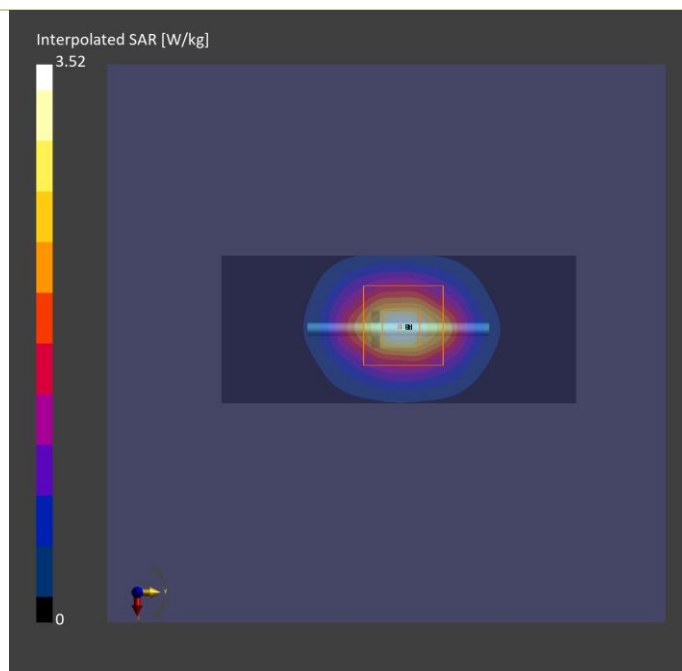
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-09 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-09 | 2023-12-09 |
| psSAR1g [W/kg]   | 2.63       | 2.59       |
| psSAR10g [W/kg]  | 1.17       | 1.16       |
| Power Drift [dB] | -0.03      | -0.01      |



## Plots of System Verification

### Measurement Report

S05 System Check\_H750\_231208

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | Dipole   |

### 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,                | ,                            |      | CW, 0--    | 750.000, 0                      | 10.35             | 0.960                  | 43.2             |

### Hardware Setup

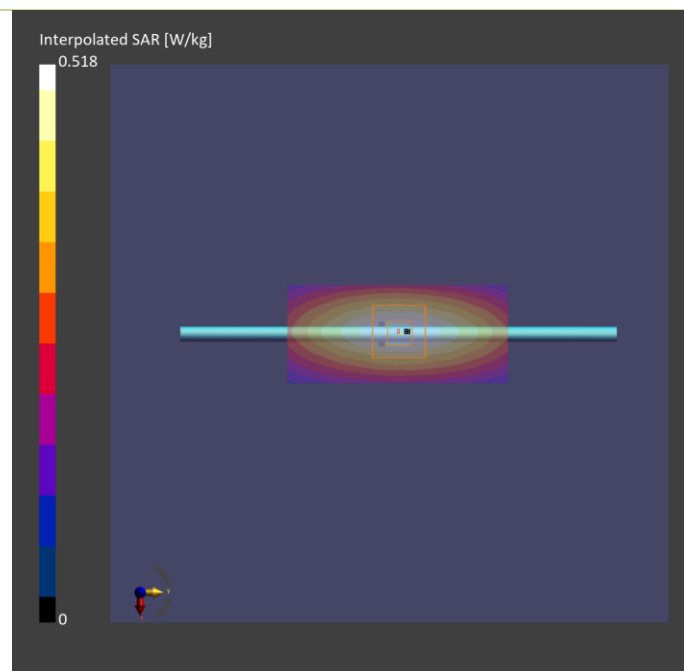
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-08 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-08 | 2023-12-08 |
| psSAR1g [W/kg]   | 0.449      | 0.442      |
| psSAR10g [W/kg]  | 0.299      | 0.289      |
| Power Drift [dB] | -0.01      | 0.02       |



## Plots of System Verification

### Measurement Report

S06 System Check\_H750\_231208

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | Dipole   |

### 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,                | ,                            |      | CW, 0--    | 750.000, 0                      | 10.35             | 0.960                  | 43.2             |

### Hardware Setup

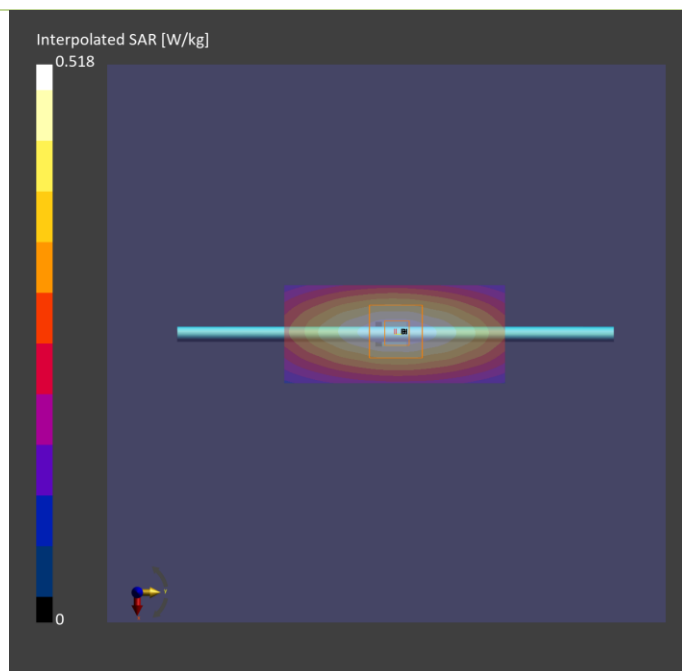
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-08 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-08 | 2023-12-08 |
| psSAR1g [W/kg]   | 0.449      | 0.442      |
| psSAR10g [W/kg]  | 0.299      | 0.289      |
| Power Drift [dB] | -0.01      | 0.02       |



## Plots of System Verification

### Measurement Report

S07 System Check\_H750\_231208

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | Dipole   |

### 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,                | ,                            |      | CW, 0--    | 750.000, 0                      | 10.35             | 0.960                  | 43.2             |

### Hardware Setup

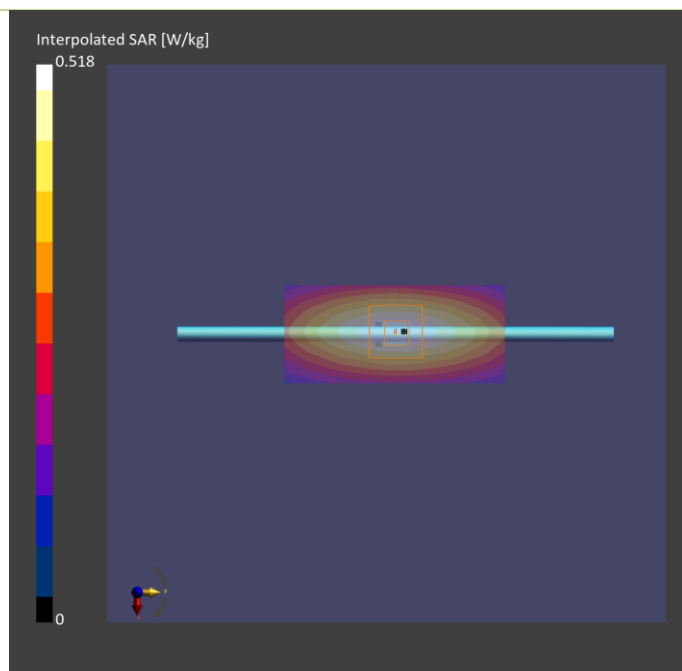
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-08 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-08 | 2023-12-08 |
| psSAR1g [W/kg]   | 0.449      | 0.442      |
| psSAR10g [W/kg]  | 0.299      | 0.289      |
| Power Drift [dB] | -0.01      | 0.02       |



## Plots of System Verification

### Measurement Report

S08 System Check\_H1900\_231207

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | Dipole   |

### 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,                | ,                            |      | CW, 0--    | 1900.000, 0                     | 8.37              | 1.47                   | 41.5             |

### Hardware Setup

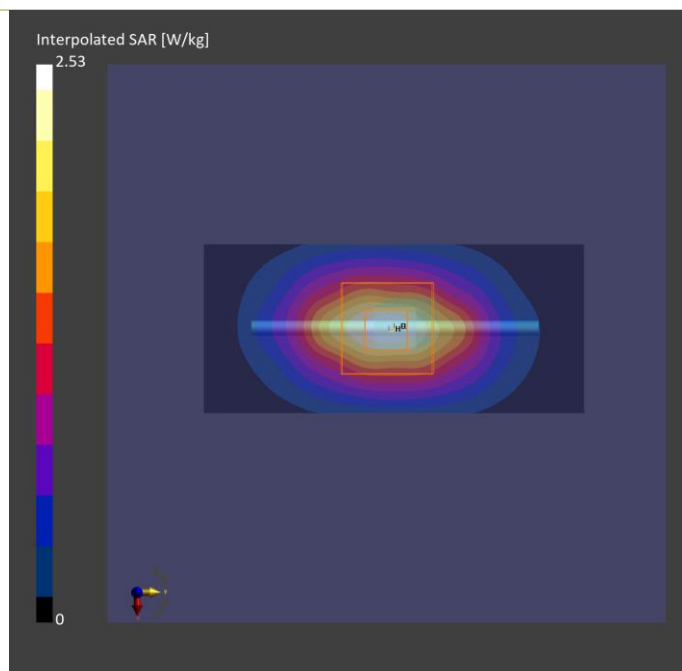
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-07 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-07 | 2023-12-07 |
| psSAR1g [W/kg]   | 2.01       | 1.98       |
| psSAR10g [W/kg]  | 1.05       | 1.03       |
| Power Drift [dB] | -0.05      | -0.01      |



## Plots of System Verification

### Measurement Report

S09 System Check\_H835\_231210

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole,             | 10.0 x 10.0 x 300.0 |      |          |

### 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                 |                              |      |            | 835.0                           | 10.16             | 0.871                  | 45.0             |

### Hardware Setup

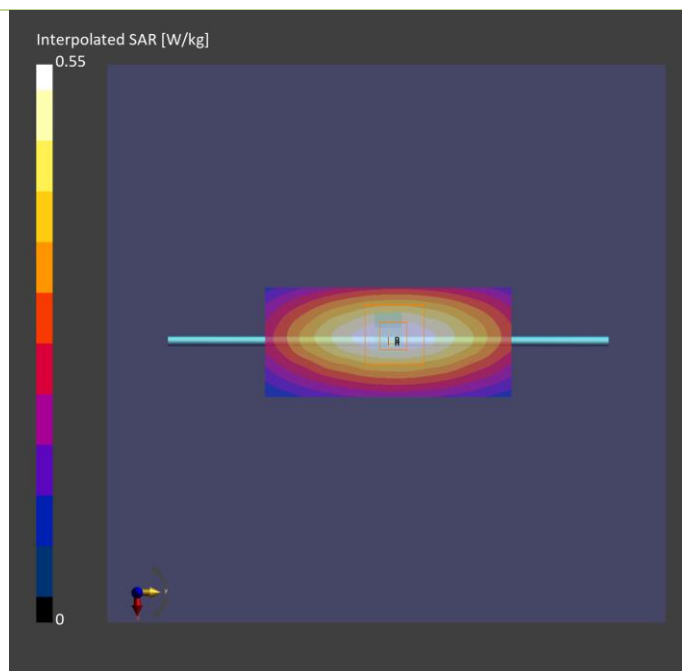
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-10 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-10 | 2023-12-10 |
| psSAR1g [W/kg]   | 0.482      | 0.489      |
| psSAR10g [W/kg]  | 0.323      | 0.325      |
| Power Drift [dB] | 0.02       | 0.04       |



## Plots of System Verification

### Measurement Report

S10 System Check\_H2300\_231207

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 2300                            | 8.12              | 1.74                   | 41.0             |

### Hardware Setup

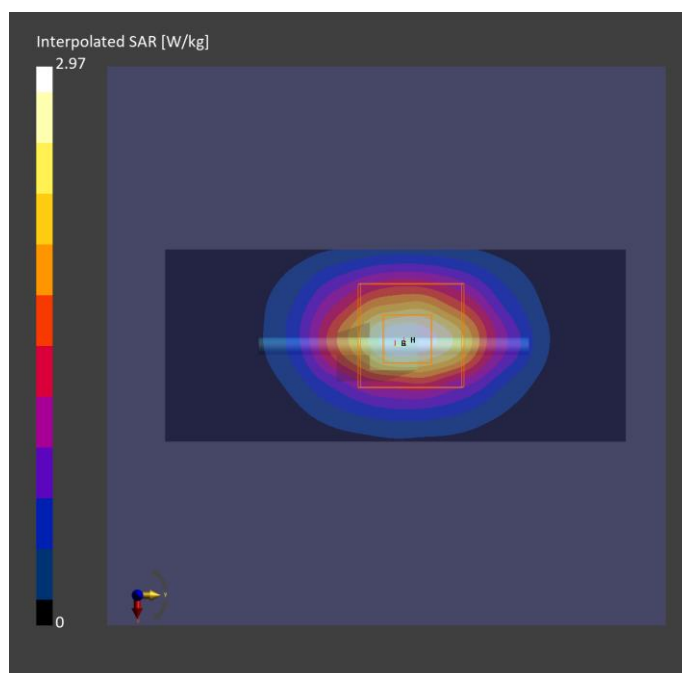
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-07 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-07 | 2023-12-07 |
| psSAR1g [W/kg]   | 2.48       | 2.52       |
| psSAR10g [W/kg]  | 1.16       | 1.22       |
| Power Drift [dB] | 0.05       | 0.03       |



## Plots of System Verification

### Measurement Report

S11 System Check\_H2600\_231207

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Device              | 10.0 x 10.0 x 300.0 |      | Dipole   |

### 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,                | ,                            |      |            | 2600                            | 7.61              | 1.96                   | 40.6             |

### Hardware Setup

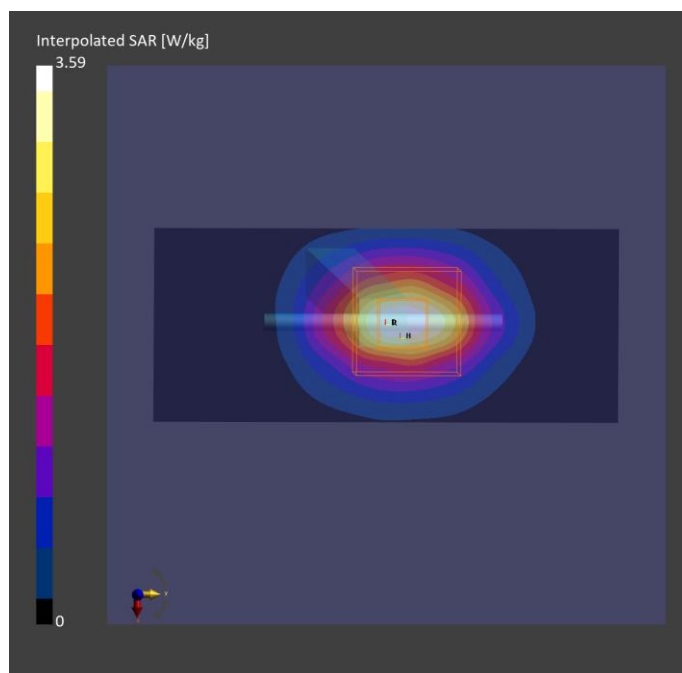
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-07 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-07 | 2023-12-07 |
| psSAR1g [W/kg]   | 2.76       | 2.73       |
| psSAR10g [W/kg]  | 1.35       | 1.33       |
| Power Drift [dB] | 0.03       | -0.07      |



## Plots of System Verification

### Measurement Report

S12 System Check\_H2600\_231209

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | Dipole   |

### 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,                | ,                            |      | CW, 0--    | 2600.000, 0                     | 7.61              | 1.89                   | 39.4             |

### Hardware Setup

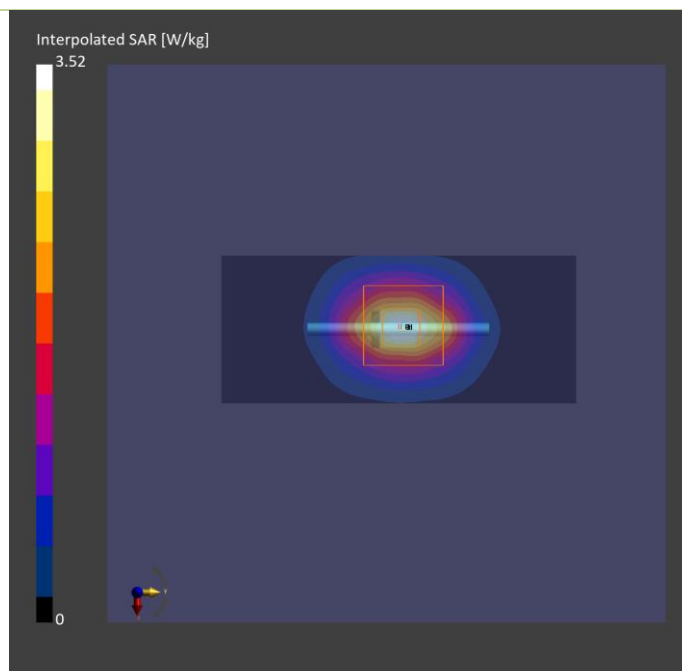
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-09 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-09 | 2023-12-09 |
| psSAR1g [W/kg]   | 2.63       | 2.59       |
| psSAR10g [W/kg]  | 1.17       | 1.16       |
| Power Drift [dB] | -0.03      | -0.01      |



## Plots of System Verification

### Measurement Report S56 System Check\_H3500\_240131 Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                |                              |      |            | 3500                            | 6.15              | 2.81                   | 39.2             |

### Hardware Setup

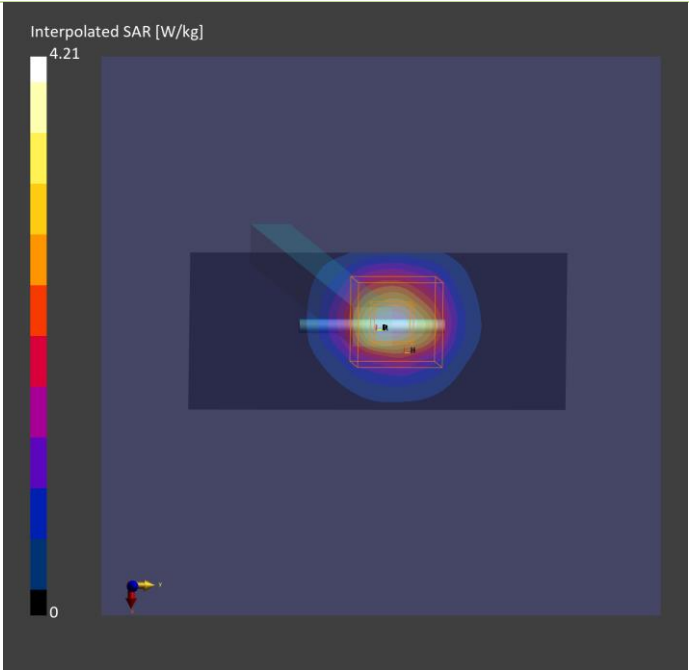
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H33T50N5 , 2024-Jan-31 | EX3DV4 - SN7797, 2024-01-08 | DAE4 Sn1589, 2023-05-24 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 44.0 x 99.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 11.0 x 11.0 | 5.0 x 5.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2024-01-31 | 2024-01-31 |
| psSAR1g [W/kg]   | 3.41       | 3.43       |
| psSAR10g [W/kg]  | 1.22       | 1.25       |
| Power Drift [dB] | 0.10       | 0.08       |



## Plots of System Verification

### Measurement Report S57 System Check\_H3700\_240131 Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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                 |                              |      |            | 3700.0                          | 6.05              | 3.00                   | 38.9             |

### Hardware Setup

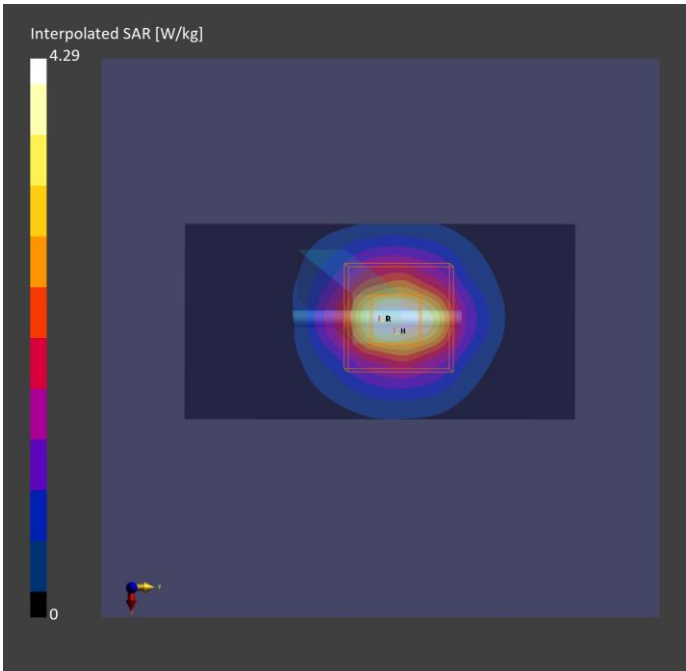
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H33T50N5 , 2024-Jan-31 | EX3DV4 - SN7797, 2024-01-08 | DAE4 Sn1589, 2023-05-24 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 44.0 x 88.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 11.0 x 11.0 | 5.0 x 5.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2024-01-31 | 2024-01-31 |
| psSAR1g [W/kg]   | 3.43       | 3.48       |
| psSAR10g [W/kg]  | 1.29       | 1.31       |
| Power Drift [dB] | 0.05       | 0.03       |



## Plots of System Verification

### Measurement Report

S13a System Check\_H3500\_231210

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      | CW, 0--    | 3500.000, 0                     | 7.24              | 2.75                   | 37.9             |

### Hardware Setup

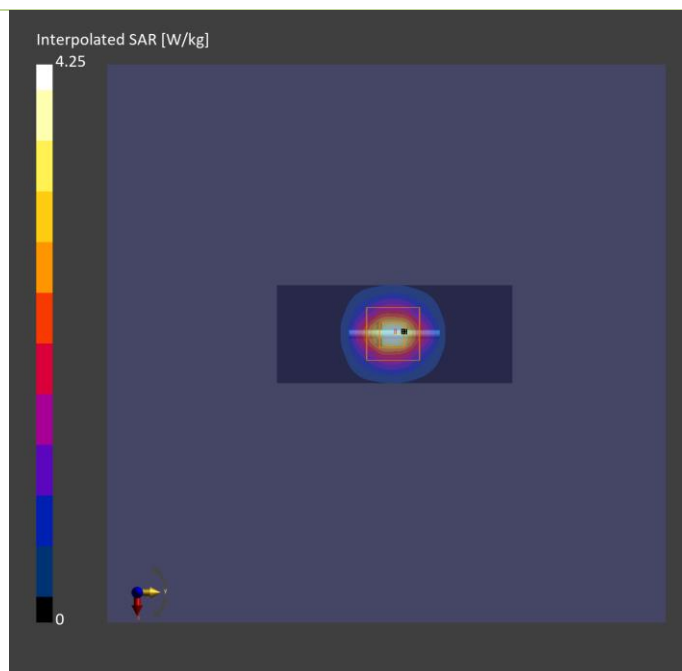
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H33T50N9 , 2023-Dec-10 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-10 | 2023-12-10 |
| psSAR1g [W/kg]   | 3.04       | 3.02       |
| psSAR10g [W/kg]  | 1.19       | 1.18       |
| Power Drift [dB] | 0.06       | 0.02       |



## Plots of System Verification

### Measurement Report

S13b System Check\_H3700\_231210

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      | CW, 0--    | 3700.000, 0                     | 7.19              | 2.92                   | 37.6             |

### Hardware Setup

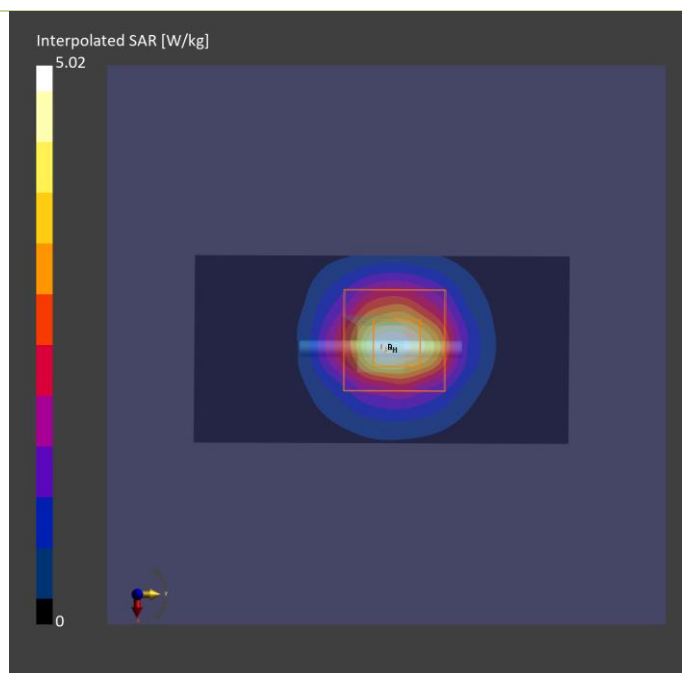
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H33T50N9 , 2023-Dec-10 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-10 | 2023-12-10 |
| psSAR1g [W/kg]   | 3.40       | 3.45       |
| psSAR10g [W/kg]  | 1.26       | 1.29       |
| Power Drift [dB] | 0.01       | 0.01       |



## Plots of System Verification

### Measurement Report

S14 System Check\_H1750\_231208

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | Dipole   |

### 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,                | ,                            |      | CW, 0--    | 1750.000, 0                     | 9.0               | 1.40                   | 41.3             |

### Hardware Setup

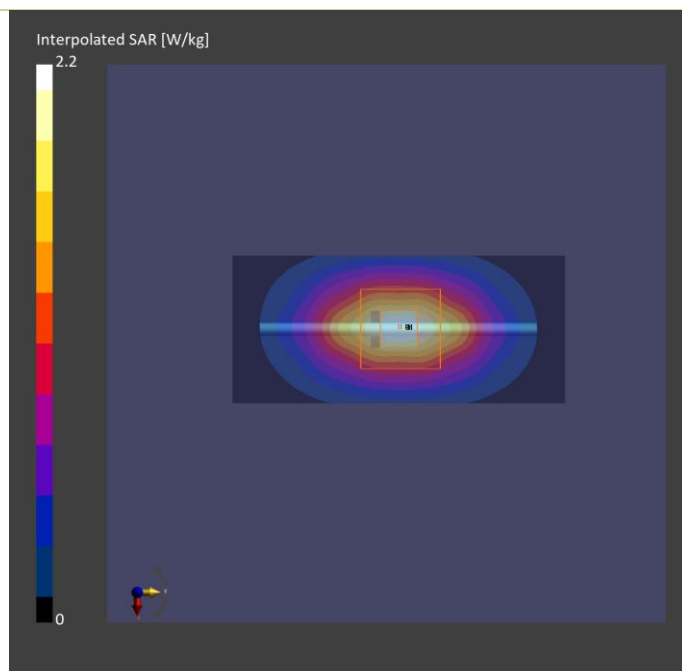
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-08 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-08 | 2023-12-08 |
| psSAR1g [W/kg]     | 1.76       | 1.73       |
| psSAR10g [W/kg]    | 0.935      | 0.916      |
| Power Drift [dB]   | 0.03       | -0.02      |
| M2/M1 [%]          |            | 81.6       |
| Dist 3dB Peak [mm] |            | 10.3       |



## Plots of System Verification

### Measurement Report

S15 System Check\_H750\_231208

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | Dipole   |

### 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,                | ,                            |      | CW, 0--    | 750.000, 0                      | 10.35             | 0.960                  | 43.2             |

### Hardware Setup

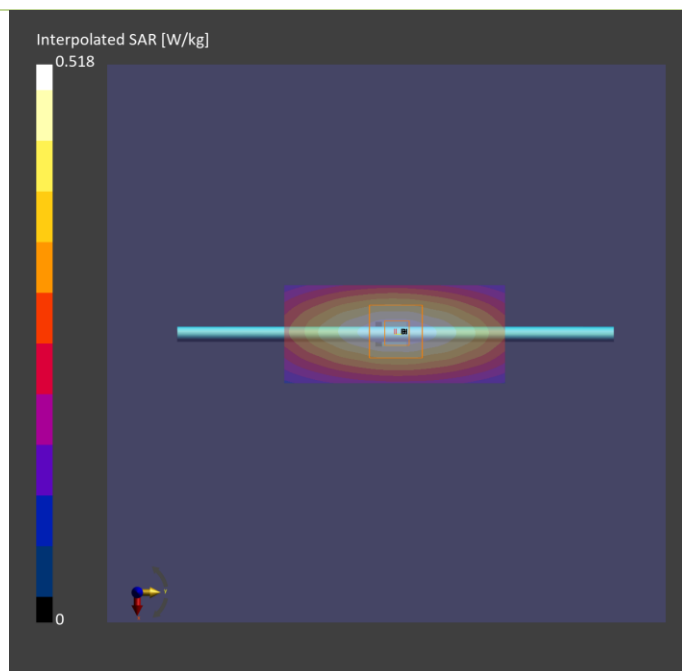
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-08 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-08 | 2023-12-08 |
| psSAR1g [W/kg]     | 0.449      | 0.442      |
| psSAR10g [W/kg]    | 0.299      | 0.289      |
| Power Drift [dB]   | -0.01      | 0.02       |
| M2/M1 [%]          |            | 86.8       |
| Dist 3dB Peak [mm] |            | 17.9       |



## Plots of System Verification

### Measurement Report

S16 System Check\_H1900\_231211

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 1900                            | 8.37              | 1.45                   | 42.5             |

### Hardware Setup

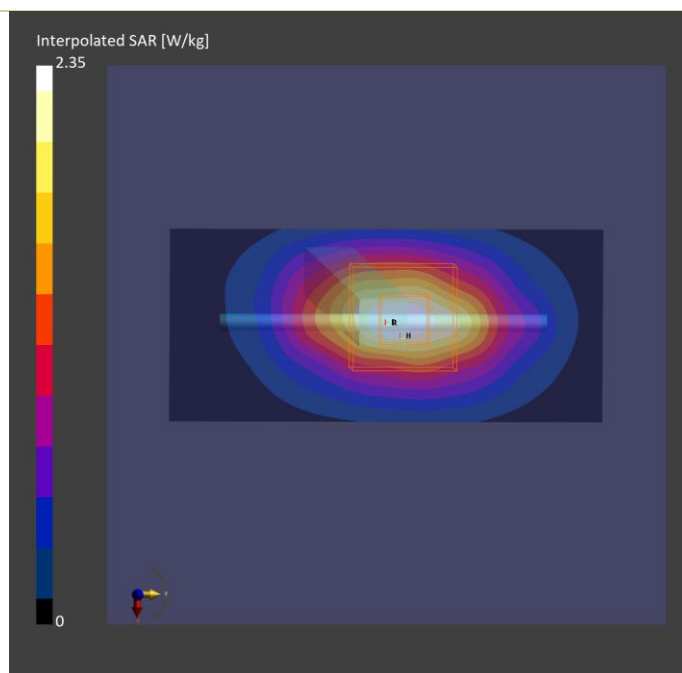
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-11 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-11 | 2023-12-11 |
| psSAR1g [W/kg]   | 1.89       | 1.92       |
| psSAR10g [W/kg]  | 0.989      | 1.02       |
| Power Drift [dB] | -0.01      | 0.01       |



## Plots of System Verification

### Measurement Report

S17 System Check\_H835\_231211

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 835                             | 10.16             | 0.938                  | 44.6             |

### Hardware Setup

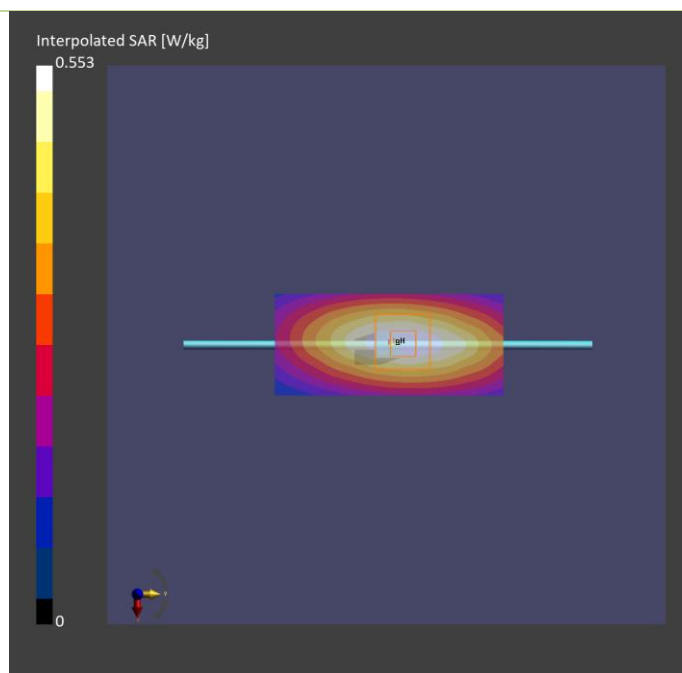
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-11 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-11 | 2023-12-11 |
| psSAR1g [W/kg]   | 0.481      | 0.480      |
| psSAR10g [W/kg]  | 0.317      | 0.316      |
| Power Drift [dB] | 0.03       | 0.03       |



## Plots of System Verification

### Measurement Report

S18 System Check\_H2600\_231209

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | Dipole   |

### 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,                | ,                            |      | CW, 0--    | 2600.000, 0                     | 7.61              | 1.89                   | 39.4             |

### Hardware Setup

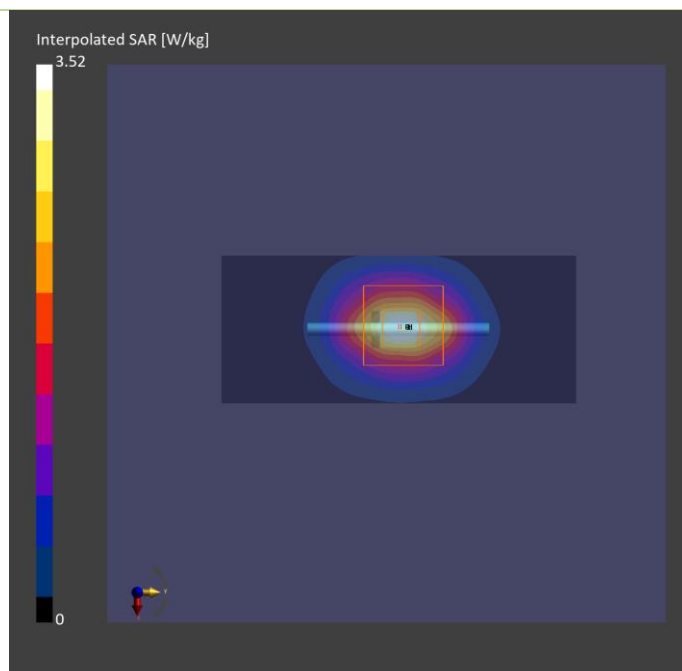
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-09 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-09 | 2023-12-09 |
| psSAR1g [W/kg]     | 2.63       | 2.59       |
| psSAR10g [W/kg]    | 1.17       | 1.16       |
| Power Drift [dB]   | -0.03      | -0.01      |
| M2/M1 [%]          |            | 79.7       |
| Dist 3dB Peak [mm] |            | 9.0        |



## Plots of System Verification

### Measurement Report

S41 System Check\_H750\_231212

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Device              | 10.0 x 10.0 x 300.0 |      | Dipole   |

### 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                 |                              |      |            | 750.0                           | 10.35             | 0.914                  | 41.3             |

### Hardware Setup

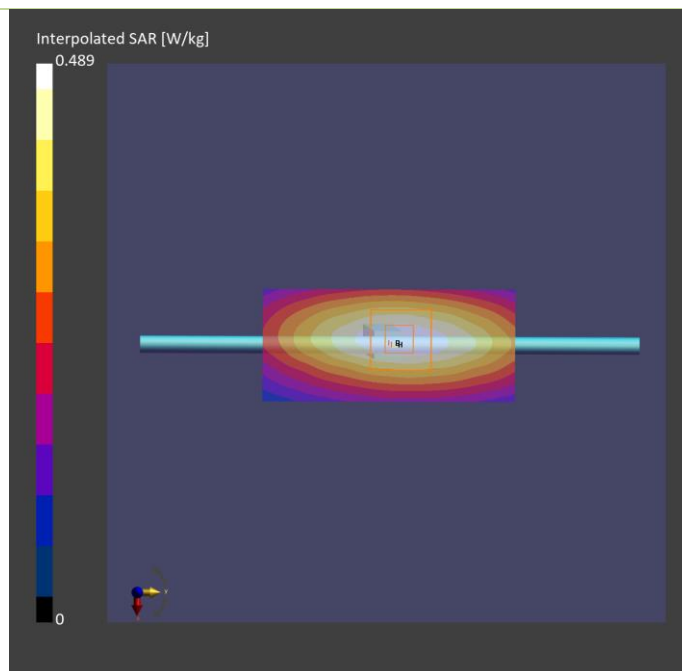
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-12 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-12 | 2023-12-12 |
| psSAR1g [W/kg]   | 0.425      | 0.433      |
| psSAR10g [W/kg]  | 0.285      | 0.292      |
| Power Drift [dB] | 0.04       | 0.08       |



## Plots of System Verification

### Measurement Report

S42 System Check\_H750\_231212

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Device              | 10.0 x 10.0 x 300.0 |      | Dipole   |

### 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                 |                              |      |            | 750.0                           | 10.35             | 0.914                  | 41.3             |

### Hardware Setup

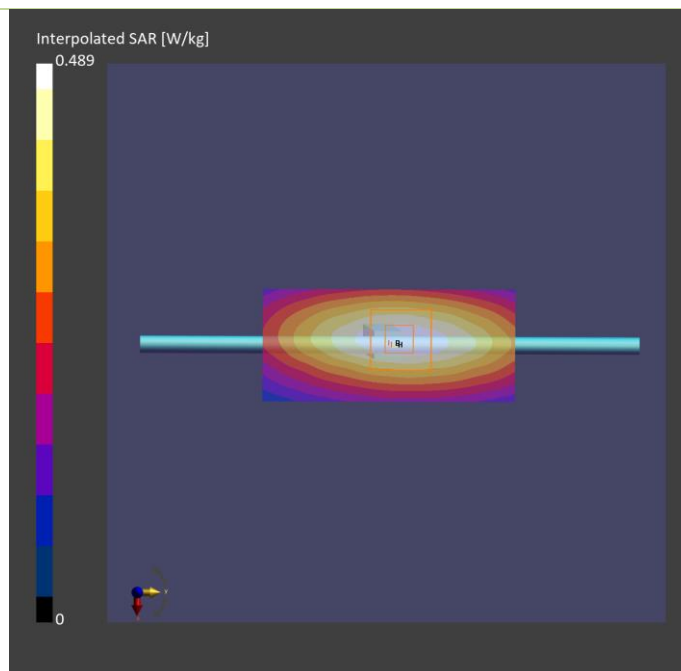
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-12 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-12 | 2023-12-12 |
| psSAR1g [W/kg]   | 0.425      | 0.433      |
| psSAR10g [W/kg]  | 0.285      | 0.292      |
| Power Drift [dB] | 0.04       | 0.08       |



## Plots of System Verification

### Measurement Report

S43 System Check\_H750\_231212

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Device              | 10.0 x 10.0 x 300.0 |      | Dipole   |

### 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                 |                              |      |            | 750.0                           | 10.35             | 0.914                  | 41.3             |

### Hardware Setup

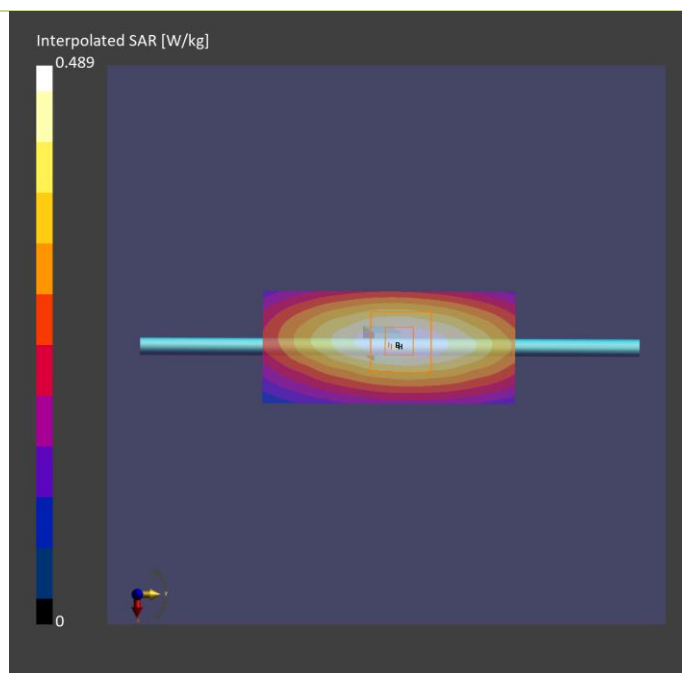
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-12 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-12 | 2023-12-12 |
| psSAR1g [W/kg]   | 0.425      | 0.433      |
| psSAR10g [W/kg]  | 0.285      | 0.292      |
| Power Drift [dB] | 0.04       | 0.08       |



## Plots of System Verification

### Measurement Report

S19 System Check\_H1900\_231211

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 1900                            | 8.37              | 1.45                   | 42.5             |

### Hardware Setup

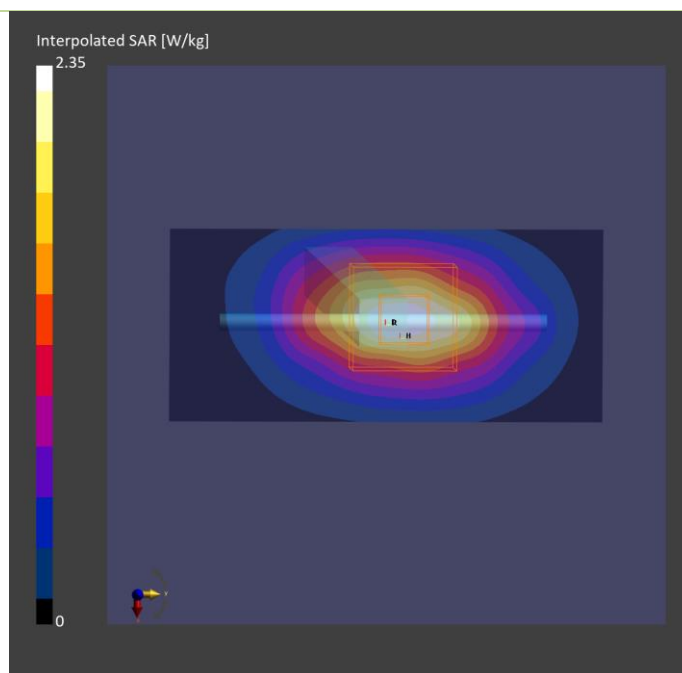
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-11 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-11 | 2023-12-11 |
| psSAR1g [W/kg]   | 1.89       | 1.92       |
| psSAR10g [W/kg]  | 0.989      | 1.02       |
| Power Drift [dB] | -0.01      | 0.01       |



## Plots of System Verification

### Measurement Report

S44 System Check\_H835\_231211

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 835                             | 10.16             | 0.938                  | 44.6             |

### Hardware Setup

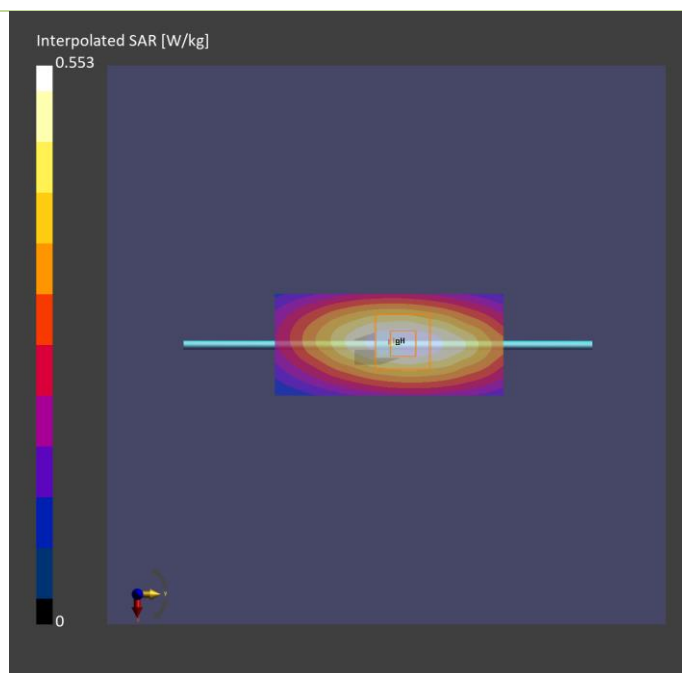
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-11 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-11 | 2023-12-11 |
| psSAR1g [W/kg]   | 0.481      | 0.480      |
| psSAR10g [W/kg]  | 0.317      | 0.316      |
| Power Drift [dB] | 0.03       | 0.03       |



## Plots of System Verification

### Measurement Report

S50 System Check\_H2300\_231212

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### Exposure Conditions

| Phantom Section,<br>TSL | Position, Test<br>Distance [mm] | Band | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity<br>[S/m] | TSL Permittivity |
|-------------------------|---------------------------------|------|---------------|------------------------------------|-------------------|---------------------------|------------------|
|                         |                                 |      |               | 2300.000                           | 8.12              | 1.69                      | 38.8             |

### Hardware Setup

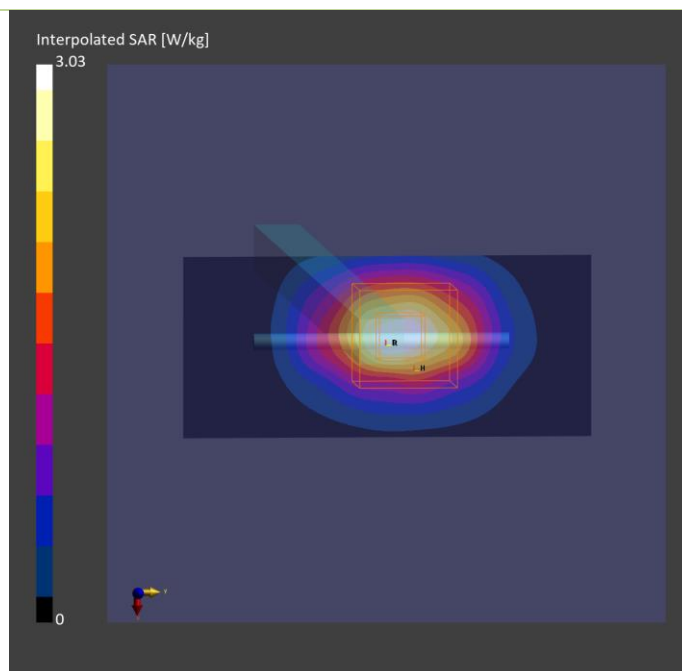
| Phantom                               | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|---------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) -<br>2188 | H06T27N9 , 2023-Dec-12 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-12 | 2023-12-12 |
| psSAR1g [W/kg]   | 2.42       | 2.44       |
| psSAR10g [W/kg]  | 1.19       | 1.22       |
| Power Drift [dB] | 0.07       | 0.08       |



## Plots of System Verification

### Measurement Report

S51 System Check\_H2600\_231209

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | Dipole   |

### 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,                | ,                            |      | CW, 0--    | 2600.000, 0                     | 7.61              | 1.89                   | 39.4             |

### Hardware Setup

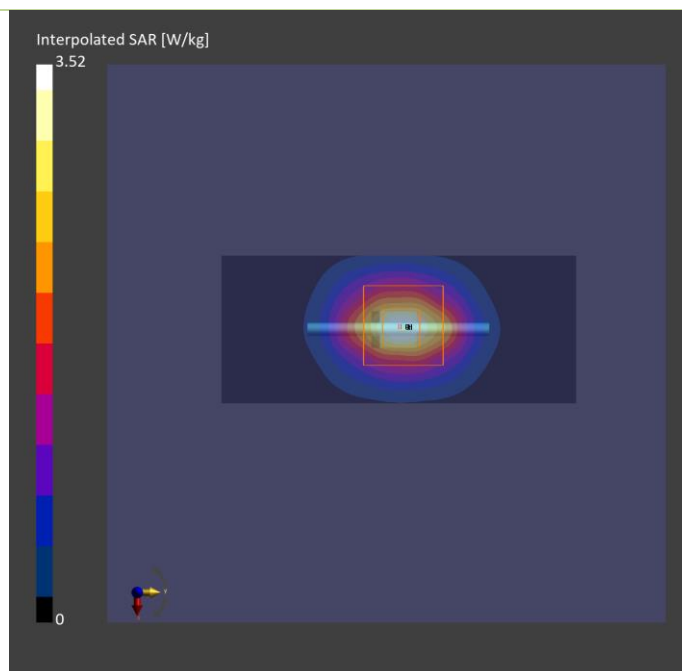
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-09 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-09 | 2023-12-09 |
| psSAR1g [W/kg]     | 2.63       | 2.59       |
| psSAR10g [W/kg]    | 1.17       | 1.16       |
| Power Drift [dB]   | -0.03      | -0.01      |
| M2/M1 [%]          |            | 79.7       |
| Dist 3dB Peak [mm] |            | 9.0        |



## Plots of System Verification

### Measurement Report

S52 System Check\_H2600\_231213

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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                 |                              |      |            | 2600                            | 7.61              | 1.93                   | 36.5             |

### Hardware Setup

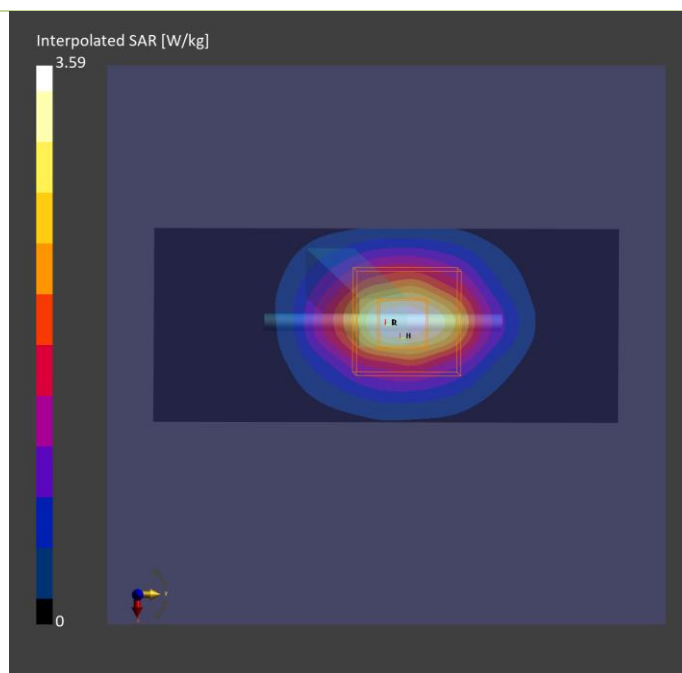
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]   | 2.72       | 2.76       |
| psSAR10g [W/kg]  | 1.22       | 1.26       |
| Power Drift [dB] | 0.01       | -0.01      |



## Plots of System Verification

### Measurement Report

S46a System Check\_H3500\_231213

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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                 |                              |      |            | 3500                            | 7.24              | 2.76                   | 39.9             |

### Hardware Setup

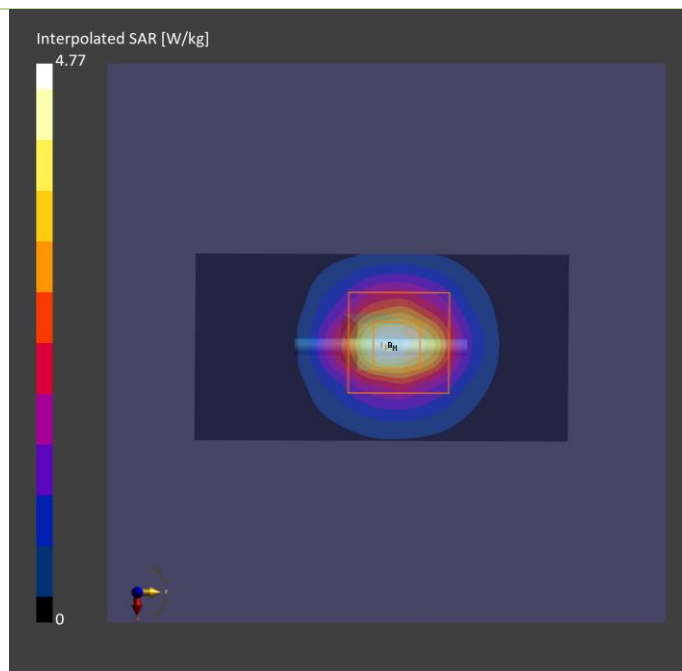
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H33T50N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]   | 3.42       | 3.43       |
| psSAR10g [W/kg]  | 1.32       | 1.34       |
| Power Drift [dB] | 0.01       | 0.01       |



## Plots of System Verification

### Measurement Report

S46b System Check\_H3700\_231213

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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                 |                              |      |            | 3700                            | 7.19              | 2.95                   | 39.6             |

### Hardware Setup

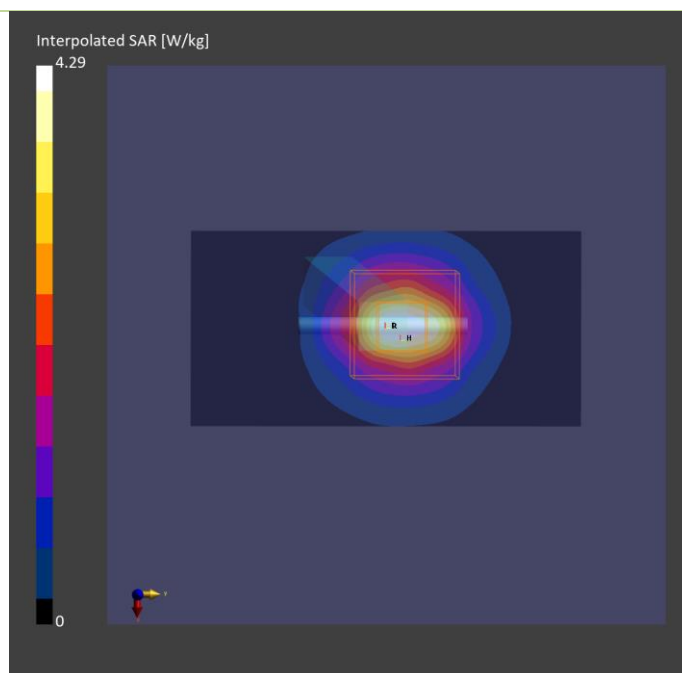
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H33T50N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]   | 3.10       | 3.20       |
| psSAR10g [W/kg]  | 1.16       | 1.23       |
| Power Drift [dB] | 0.01       | 0.02       |



## Plots of System Verification

### Measurement Report

S30 System Check\_H1750\_231211

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      | 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,                | ,                            |      |            | 1750                            | 9.0               | 1.36                   | 42.7             |

### Hardware Setup

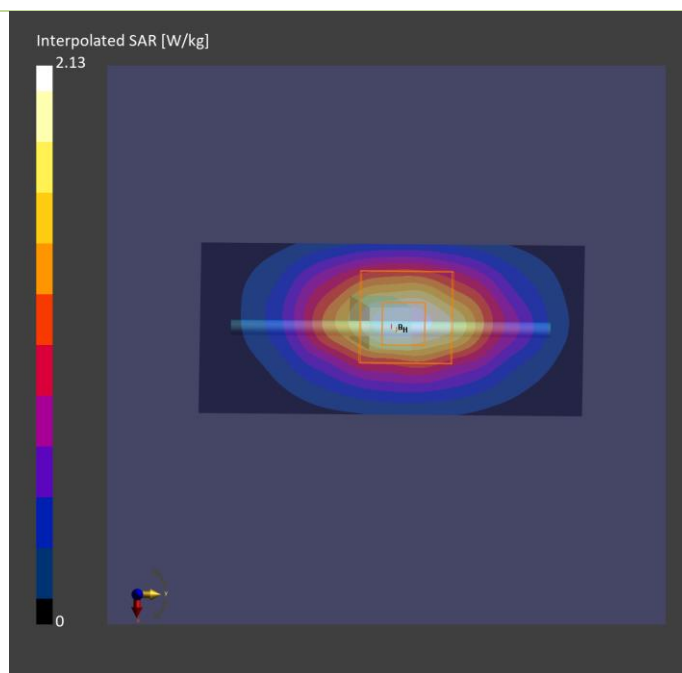
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-11 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-11 | 2023-12-11 |
| psSAR1g [W/kg]   | 1.73       | 1.75       |
| psSAR10g [W/kg]  | 0.929      | 0.940      |
| Power Drift [dB] | 0.03       | 0.04       |



## Plots of System Verification

### Measurement Report

S47 System Check\_H1750\_231211

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 1750                            | 9.0               | 1.36                   | 42.7             |

### Hardware Setup

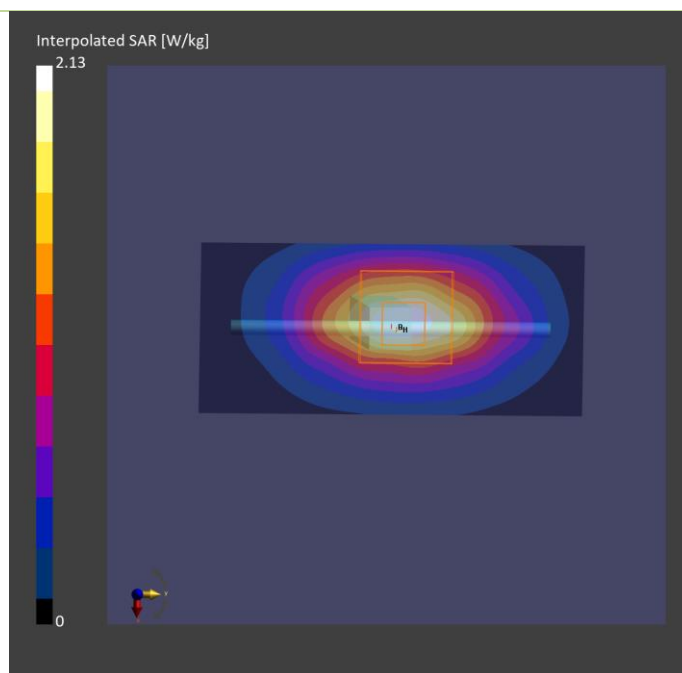
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-11 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-11 | 2023-12-11 |
| psSAR1g [W/kg]   | 1.73       | 1.75       |
| psSAR10g [W/kg]  | 0.929      | 0.940      |
| Power Drift [dB] | 0.03       | 0.04       |



## Plots of System Verification

### Measurement Report

S53 System Check\_H750\_231208

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | Dipole   |

### 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,                | ,                            |      | CW, 0--    | 750.000, 0                      | 10.35             | 0.960                  | 43.2             |

### Hardware Setup

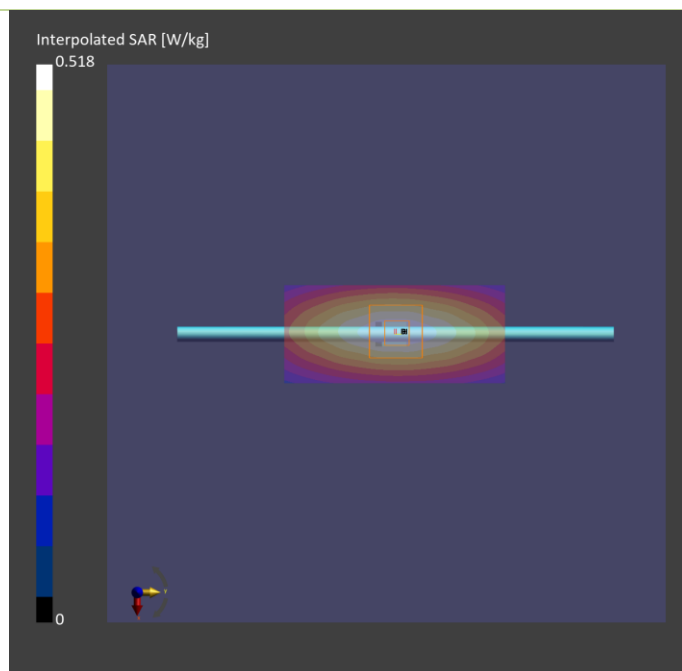
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-08 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-08 | 2023-12-08 |
| psSAR1g [W/kg]     | 0.449      | 0.442      |
| psSAR10g [W/kg]    | 0.299      | 0.289      |
| Power Drift [dB]   | -0.01      | 0.02       |
| M2/M1 [%]          |            | 86.8       |
| Dist 3dB Peak [mm] |            | 17.9       |



## Plots of System Verification

### Measurement Report

S54a System Check\_H3500\_231213

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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                 |                              |      |            | 3500                            | 7.24              | 2.76                   | 39.9             |

### Hardware Setup

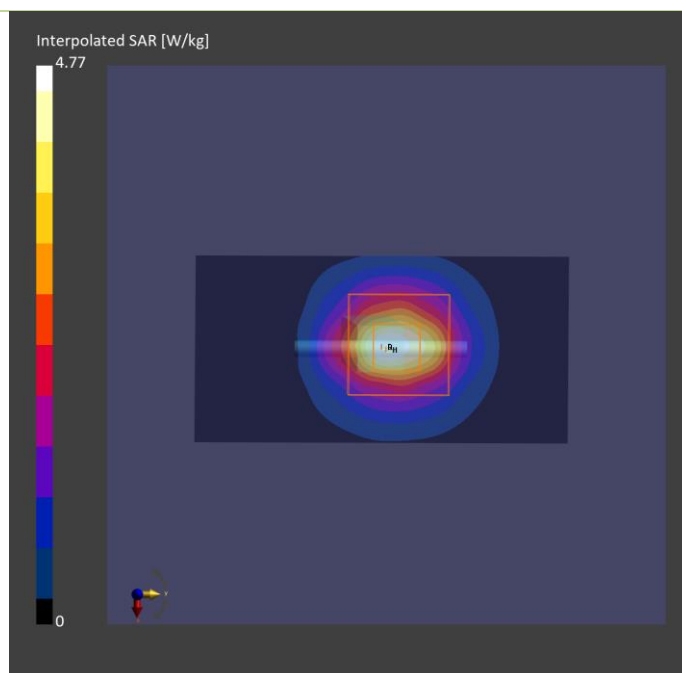
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H33T50N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]   | 3.42       | 3.43       |
| psSAR10g [W/kg]  | 1.32       | 1.34       |
| Power Drift [dB] | 0.01       | 0.01       |



## Plots of System Verification

### Measurement Report

S54b System Check\_H3700\_231213

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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                 |                              |      |            | 3700                            | 7.19              | 2.95                   | 39.6             |

### Hardware Setup

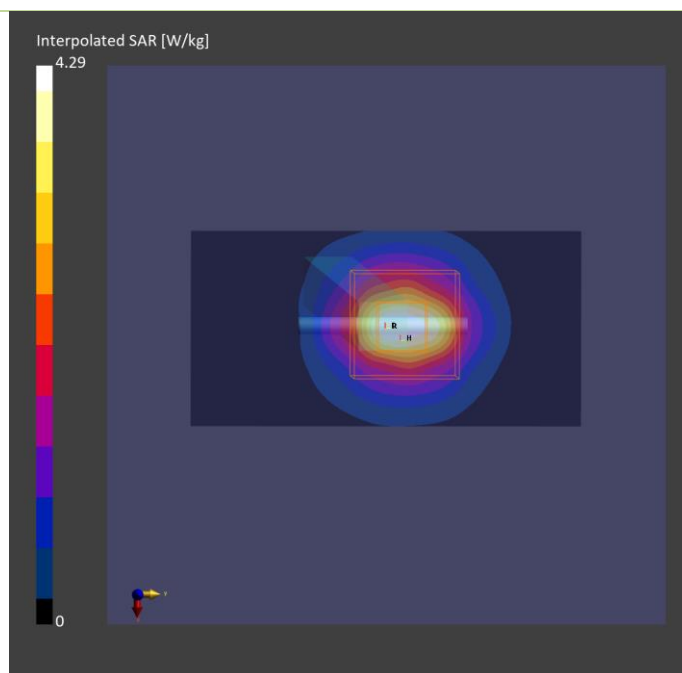
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H33T50N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]   | 3.10       | 3.20       |
| psSAR10g [W/kg]  | 1.16       | 1.23       |
| Power Drift [dB] | 0.01       | 0.02       |



## Plots of System Verification

### Measurement Report

S54c System Check\_H3900\_231213

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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                 |                              |      |            | 3900                            | 6.98              | 3.15                   | 39.3             |

### Hardware Setup

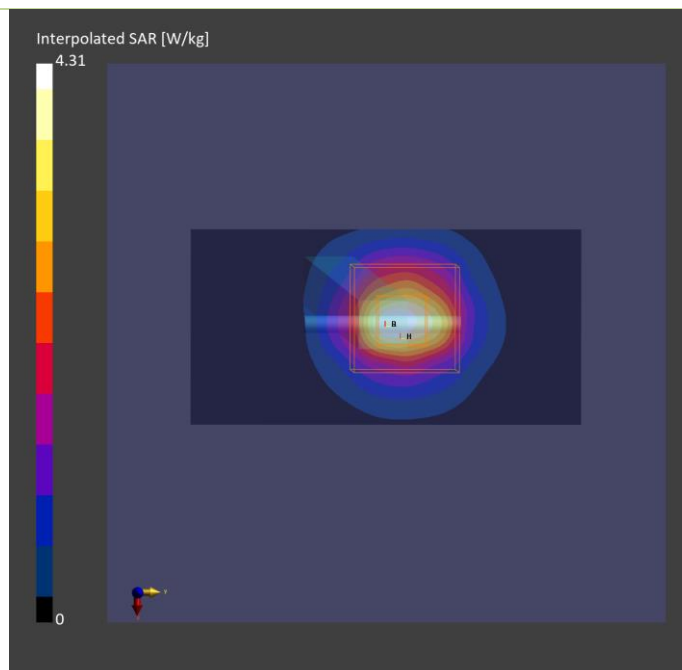
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H33T50N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]   | 3.27       | 3.37       |
| psSAR10g [W/kg]  | 1.21       | 1.26       |
| Power Drift [dB] | 0.02       | 0.00       |



## Plots of System Verification

### Measurement Report

S55a System Check\_H3500\_231213

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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                 |                              |      |            | 3500                            | 7.24              | 2.76                   | 39.9             |

### Hardware Setup

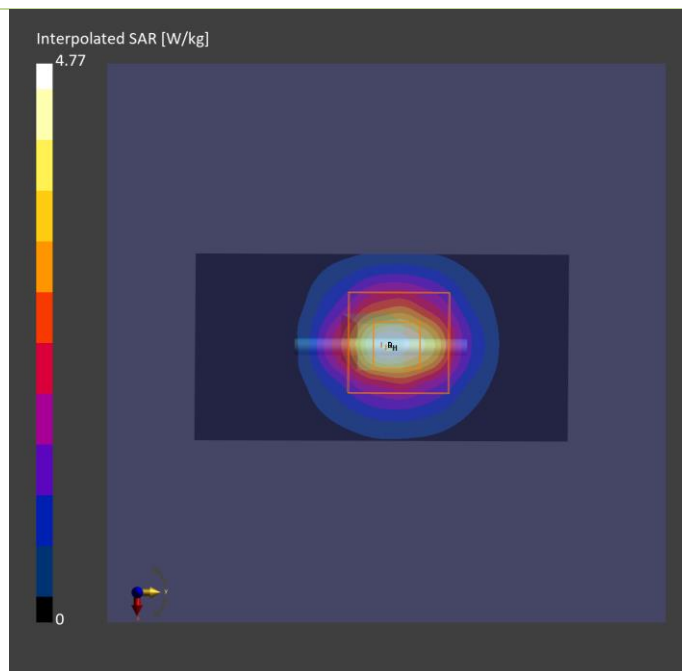
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H33T50N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]   | 3.42       | 3.43       |
| psSAR10g [W/kg]  | 1.32       | 1.34       |
| Power Drift [dB] | 0.01       | 0.01       |



## Plots of System Verification

### Measurement Report

S55b System Check\_H3700\_231213

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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                 |                              |      |            | 3700                            | 7.19              | 2.95                   | 39.6             |

### Hardware Setup

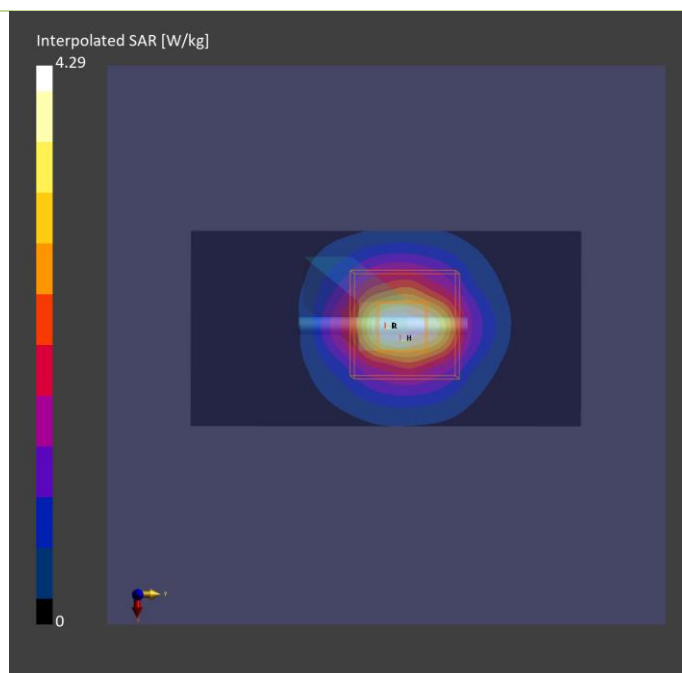
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H33T50N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]   | 3.10       | 3.20       |
| psSAR10g [W/kg]  | 1.16       | 1.23       |
| Power Drift [dB] | 0.01       | 0.02       |



## Plots of System Verification

### Measurement Report

S20 System Check\_H2450\_231205

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | n/a x n/a x n/a |      | 2450     |

### 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,                | ,                            |      | CW, 0--    | 2450.0, 0                       | 7.67              | 1.78                   | 40.8             |

### Hardware Setup

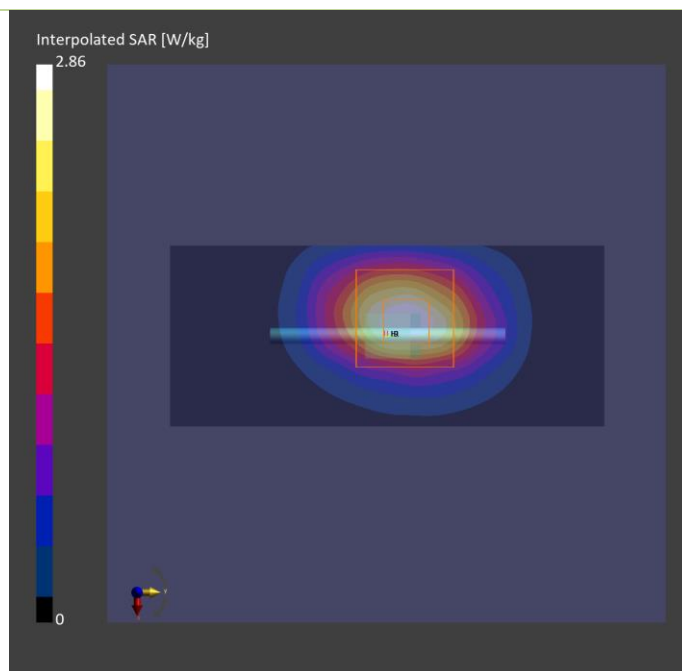
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H06T27N5 , 2023-Dec-05 | EX3DV4 - SN7555, 2023-07-19 | DAE4 Sn1585, 2023-07-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-05 | 2023-12-05 |
| psSAR1g [W/kg]   | 2.22       | 2.29       |
| psSAR10g [W/kg]  | 1.07       | 1.08       |
| Power Drift [dB] | 0.02       | 0.02       |



## Plots of System Verification

### Measurement Report

S21 System Check\_H5250\_231206

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | 5250     |

### 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,                | ,                            |      | CW, 0--    | 5250.000, 0                     | 5.67              | 4.53                   | 37.2             |

### Hardware Setup

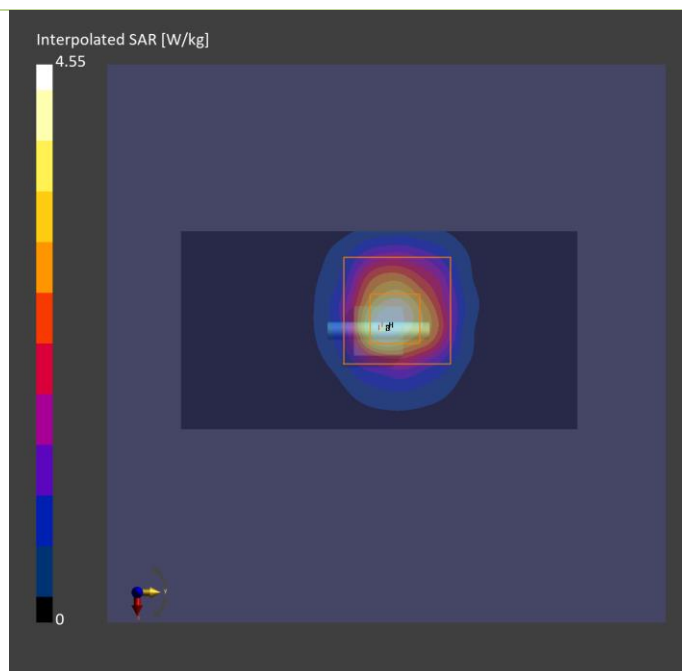
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H51T72N5 , 2023-Dec-06 | EX3DV4 - SN7555, 2023-07-19 | DAE4 Sn1585, 2023-07-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 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             | 2023-12-06 | 2023-12-06 |
| psSAR1g [W/kg]   | 3.16       | 3.63       |
| psSAR10g [W/kg]  | 0.996      | 1.04       |
| Power Drift [dB] | -0.01      | -0.05      |



## Plots of System Verification

### Measurement Report

S22 System Check\_H5600\_231206

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | 5600     |

### 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,                | ,                            |      | CW, 0--    | 5600.000, 0                     | 4.91              | 4.96                   | 36.3             |

### Hardware Setup

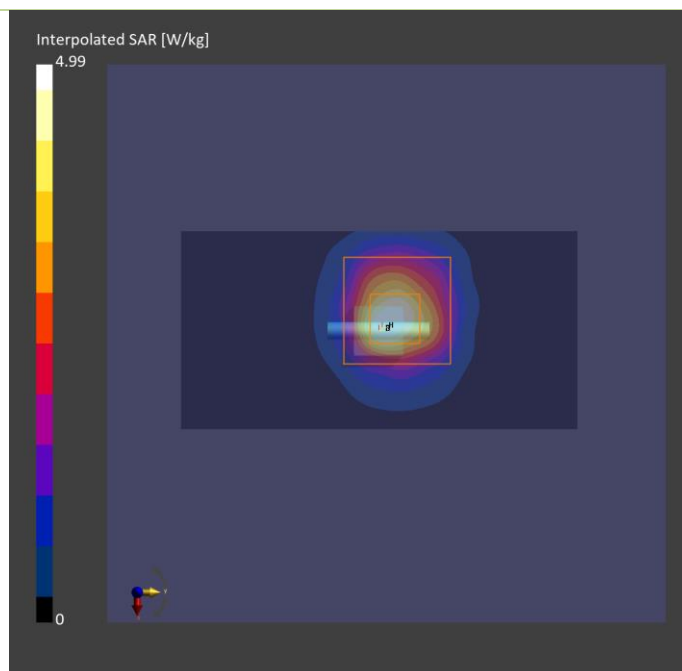
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H51T72N5 , 2023-Dec-06 | EX3DV4 - SN7555, 2023-07-19 | DAE4 Sn1585, 2023-07-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 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             | 2023-12-06 | 2023-12-06 |
| psSAR1g [W/kg]   | 3.50       | 4.03       |
| psSAR10g [W/kg]  | 1.09       | 1.14       |
| Power Drift [dB] | 0.01       | -0.03      |



## Plots of System Verification

### Measurement Report

S23 System Check\_H5800\_231206

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | 5800     |

### Exposure Conditions

| Phantom<br>Section, TSL | Position, Test<br>Distance [mm] | Band | Group,<br>UID | Frequency<br>[MHz],<br>Channel<br>Number | Conversion<br>Factor | TSL<br>Conductivity<br>[S/m] | TSL<br>Permittivity |
|-------------------------|---------------------------------|------|---------------|------------------------------------------|----------------------|------------------------------|---------------------|
| Flat,                   | ,                               |      | CW,<br>0--    | 5800.000,<br>0                           | 5.16                 | 5.20                         | 36.0                |

### Hardware Setup

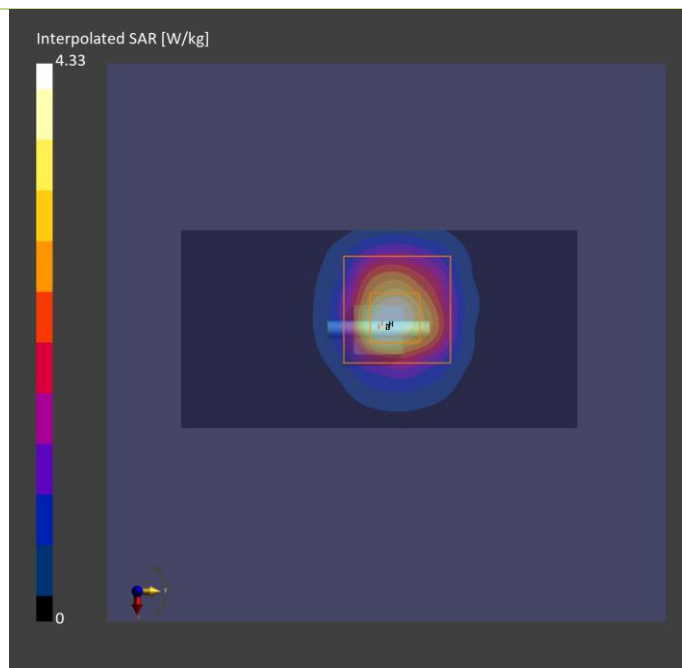
| Phantom                               | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|---------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) -<br>2118 | H51T72N5 , 2023-Dec-06 | EX3DV4 - SN7555, 2023-07-19 | DAE4 Sn1585, 2023-07-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 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             | 2023-12-06 | 2023-12-06 |
| psSAR1g [W/kg]   | 3.07       | 3.65       |
| psSAR10g [W/kg]  | 0.953      | 1.03       |
| Power Drift [dB] | -0.06      | 0.01       |



## Plots of System Verification

### Measurement Report

S24 System Check\_H5800\_231206

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | N/A x N/A x N/A |      | 5800     |

### Exposure Conditions

| Phantom<br>Section, TSL | Position, Test<br>Distance [mm] | Band | Group,<br>UID | Frequency<br>[MHz],<br>Channel<br>Number | Conversion<br>Factor | TSL<br>Conductivity<br>[S/m] | TSL<br>Permittivity |
|-------------------------|---------------------------------|------|---------------|------------------------------------------|----------------------|------------------------------|---------------------|
| Flat,                   | ,                               |      | CW,<br>0--    | 5800.000,<br>0                           | 5.16                 | 5.20                         | 36.0                |

### Hardware Setup

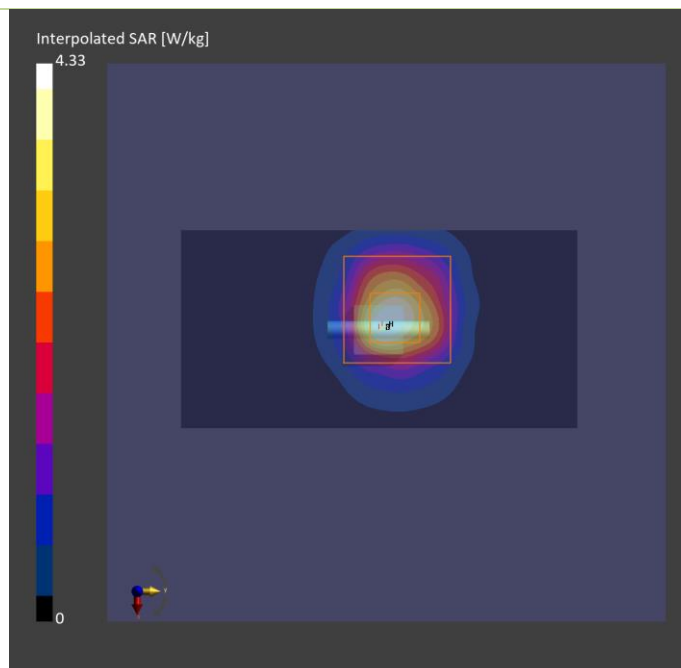
| Phantom                               | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|---------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) -<br>2118 | H51T72N5 , 2023-Dec-06 | EX3DV4 - SN7555, 2023-07-19 | DAE4 Sn1585, 2023-07-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 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             | 2023-12-06 | 2023-12-06 |
| psSAR1g [W/kg]   | 3.07       | 3.65       |
| psSAR10g [W/kg]  | 0.953      | 1.03       |
| Power Drift [dB] | -0.06      | 0.01       |



## Plots of System Verification

### Measurement Report

S25 System Check\_H2450\_231205

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | n/a x n/a x n/a |      | 2450     |

### 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,                | ,                            |      | CW, 0--    | 2450.0, 0                       | 7.67              | 1.78                   | 40.8             |

### Hardware Setup

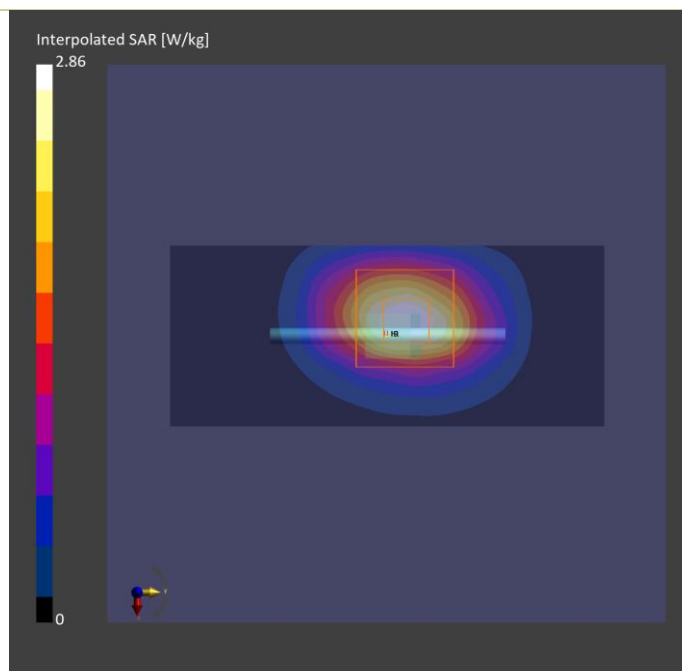
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H06T27N5 , 2023-Dec-05 | EX3DV4 - SN7555, 2023-07-19 | DAE4 Sn1585, 2023-07-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-05 | 2023-12-05 |
| psSAR1g [W/kg]   | 2.22       | 2.29       |
| psSAR10g [W/kg]  | 1.07       | 1.08       |
| Power Drift [dB] | 0.02       | 0.02       |



## Plots of System Verification

### Measurement Report

S26 System Check\_H6.5GHz\_231206

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]   | IMEI | DUT Type |
|---------------------|-------------------|------|----------|
| Dipole              | 50.0 x 10.0 x 8.0 |      | 6500     |

### 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            |                              |      |            | 6500                            | 5.52              | 6.02                   | 34.8             |

### Hardware Setup

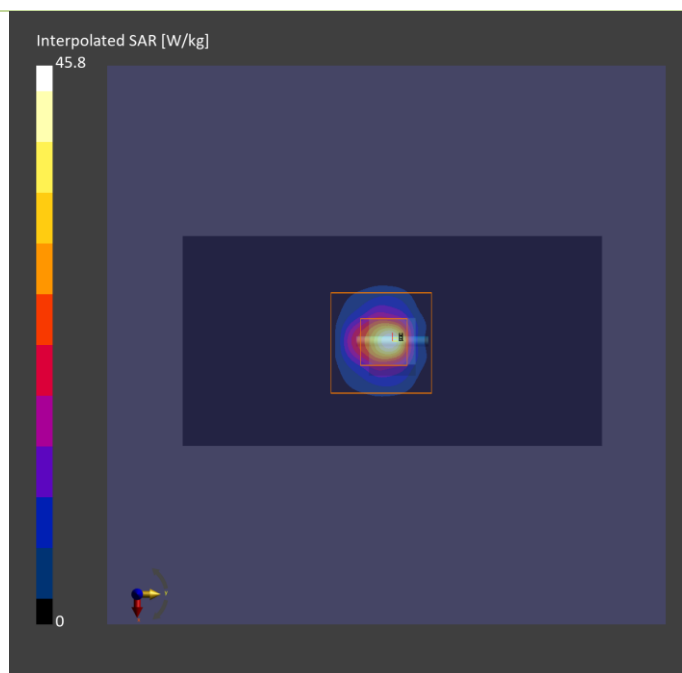
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H51T72N5 , 2023-Dec-06 | EX3DV4 - SN7555, 2023-07-19 | DAE4 Sn1585, 2023-07-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 22.0 x 22.0 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                      | 2023-12-06 | 2023-12-06 |
| psSAR1g [W/kg]            | 25.0       | 28.6       |
| psSAR10g [W/kg]           | 4.93       | 5.29       |
| psAPD (1.0cm2, sq) [W/m2] |            | 286        |
| psAPD (4.0cm2, sq) [W/m2] |            | 132        |
| Power Drift [dB]          | -0.11      | -0.01      |



## Plots of System Verification

### Measurement Report

S26\_PD\_System Check\_10 GHz\_231206

### Device under Test Properties

| Model, Manufacturer                     | Dimensions [mm]       | IMEI     | DUT Type |
|-----------------------------------------|-----------------------|----------|----------|
| SPEAG, 5G Verification Source<br>10 GHz | 100.0 x 100.0 x 170.0 | SN: 1025 |          |

### Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band            | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|-----------------|------------|---------------------------------|-------------------|
| 5G Air          | Front Face<br>10.00          | Validation band | CW,<br>0-- | 10000.0,<br>10000               | 1.0               |

### Hardware Setup

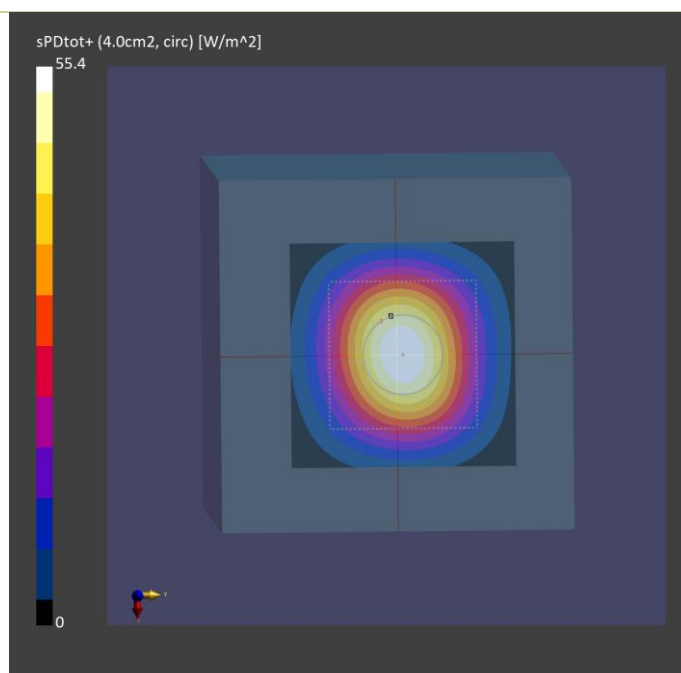
| Phantom      | Medium  | Probe, Calibration Date                  | DAE, Calibration Date   |
|--------------|---------|------------------------------------------|-------------------------|
| mmWave- 1030 | --Air-- | EUmmWV4 - SN9615_F1-55GHz,<br>2023-07-10 | DAE4 Sn1589, 2023-05-24 |

### Scan Setup

|                     | 5G Scan       |
|---------------------|---------------|
| Grid Extents [mm]   | 60.0 x 60.0   |
| Grid Steps [lambda] | 0.125 x 0.125 |
| Sensor Surface [mm] | 10.0          |

### Measurement Results

|                              | 5G Scan    |
|------------------------------|------------|
| Date                         | 2023-12-06 |
| Avg. Area [cm <sup>2</sup> ] | 4.00       |
| psPDn+ [W/m <sup>2</sup> ]   | 55.1       |
| psPDtot+ [W/m <sup>2</sup> ] | 55.4       |
| psPDmod+ [W/m <sup>2</sup> ] | 55.7       |
| E <sub>max</sub> [V/m]       | 150        |
| Power Drift [dB]             | -0.05      |



## Plots of System Verification

### Measurement Report

S61 System Check\_H1900\_231215

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 1900                            | 8.37              | 1.45                   | 40.3             |

### Hardware Setup

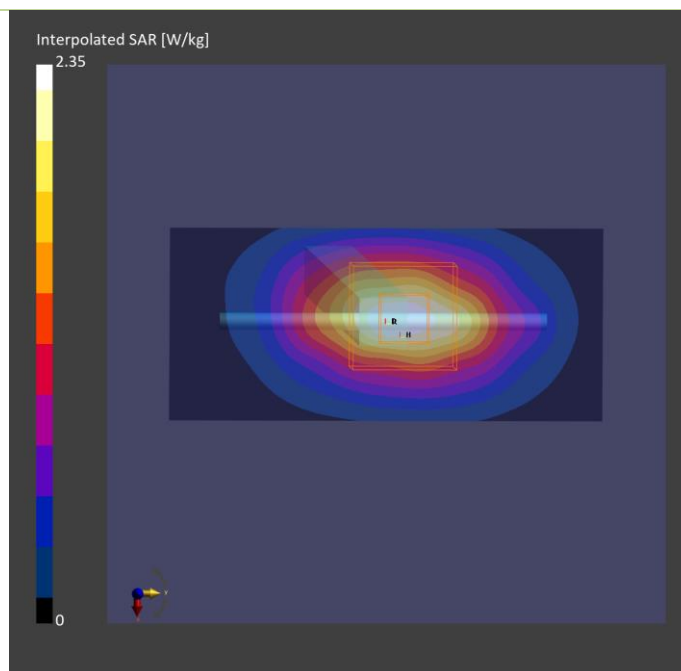
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-15 | 2023-12-15 |
| psSAR1g [W/kg]   | 1.89       | 1.92       |
| psSAR10g [W/kg]  | 0.989      | 1.02       |
| Power Drift [dB] | -0.01      | 0.01       |



## Plots of System Verification

### Measurement Report

S62 System Check\_H1750\_231215

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      | 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,                | ,                            |      |            | 1750                            | 9.0               | 1.36                   | 40.5             |

### Hardware Setup

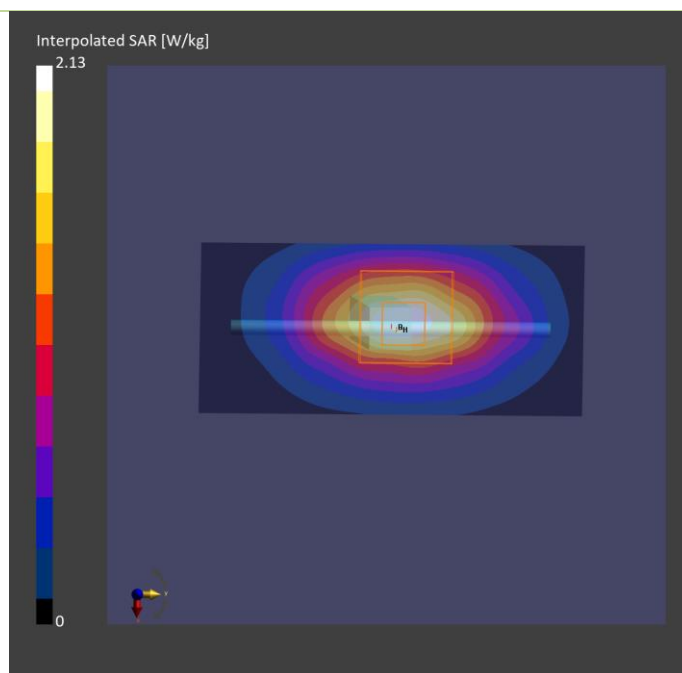
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-15 | 2023-12-15 |
| psSAR1g [W/kg]   | 1.73       | 1.75       |
| psSAR10g [W/kg]  | 0.929      | 0.940      |
| Power Drift [dB] | 0.03       | 0.04       |



## Plots of System Verification

### Measurement Report

S63 System Check\_H835\_231214

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 835                             | 10.16             | 0.925                  | 42.1             |

### Hardware Setup

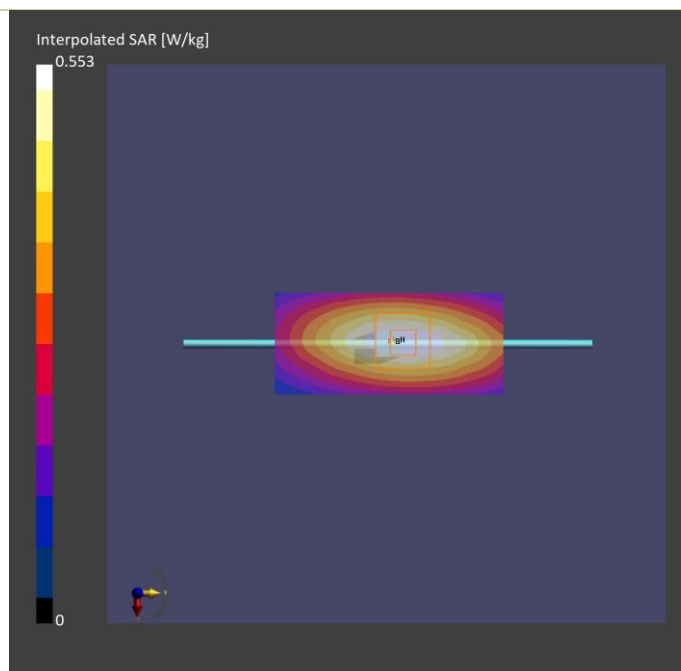
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-14 | 2023-12-14 |
| psSAR1g [W/kg]   | 0.481      | 0.480      |
| psSAR10g [W/kg]  | 0.317      | 0.316      |
| Power Drift [dB] | 0.03       | 0.03       |



## Plots of System Verification

### Measurement Report

S64 System Check\_H2600\_231214

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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                 |                              |      |            | 2600                            | 7.61              | 1.97                   | 38.5             |

### Hardware Setup

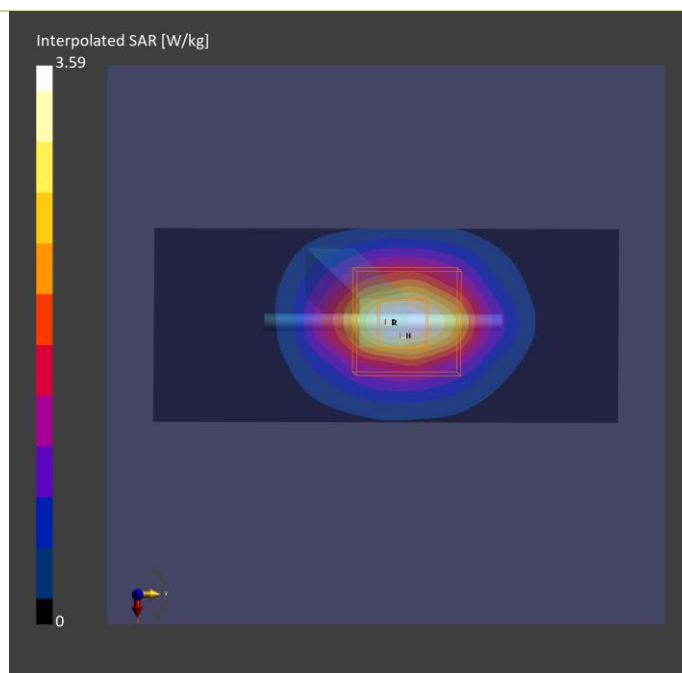
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-14 | 2023-12-14 |
| psSAR1g [W/kg]   | 2.72       | 2.76       |
| psSAR10g [W/kg]  | 1.22       | 1.26       |
| Power Drift [dB] | 0.01       | -0.01      |



## Plots of System Verification

### Measurement Report

S65 System Check\_H750\_231216

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 750                             | 10.35             | 0.901                  | 42.6             |

### Hardware Setup

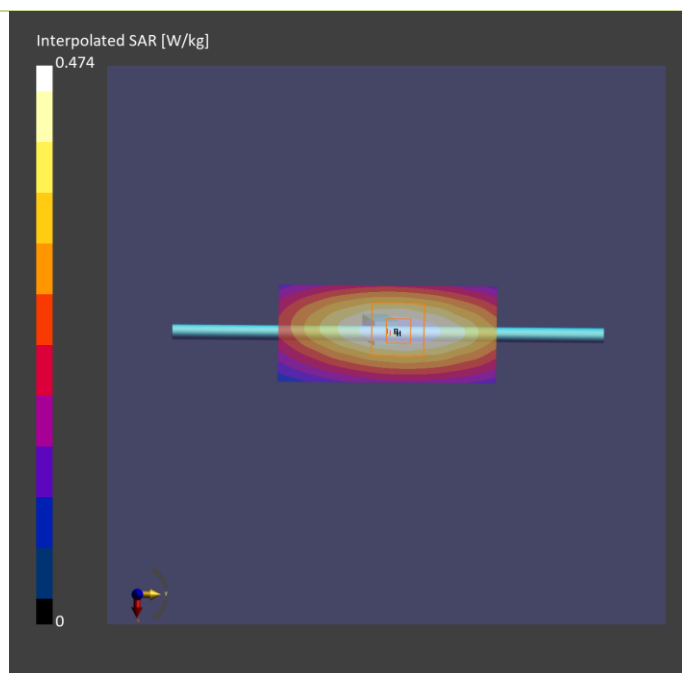
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-16 | 2023-12-16 |
| psSAR1g [W/kg]   | 0.413      | 0.410      |
| psSAR10g [W/kg]  | 0.276      | 0.273      |
| Power Drift [dB] | 0.02       | 0.03       |



## Plots of System Verification

### Measurement Report

S66 System Check\_H750\_231216

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 750                             | 10.35             | 0.901                  | 42.6             |

### Hardware Setup

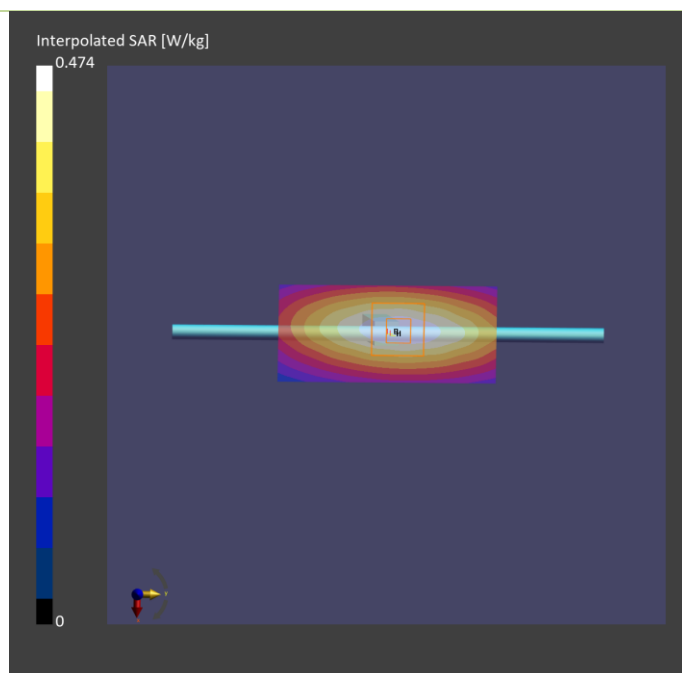
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-16 | 2023-12-16 |
| psSAR1g [W/kg]   | 0.413      | 0.410      |
| psSAR10g [W/kg]  | 0.276      | 0.273      |
| Power Drift [dB] | 0.02       | 0.03       |



## Plots of System Verification

### Measurement Report

S67 System Check\_H750\_231216

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 750                             | 10.35             | 0.901                  | 42.6             |

### Hardware Setup

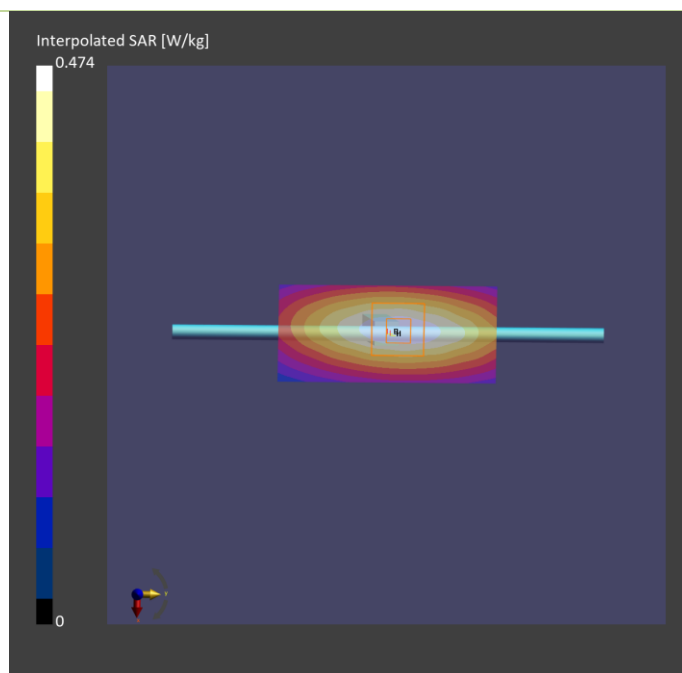
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-16 | 2023-12-16 |
| psSAR1g [W/kg]   | 0.413      | 0.410      |
| psSAR10g [W/kg]  | 0.276      | 0.273      |
| Power Drift [dB] | 0.02       | 0.03       |



## Plots of System Verification

### Measurement Report

S68 System Check\_H1900\_231215

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 1900                            | 8.37              | 1.45                   | 40.3             |

### Hardware Setup

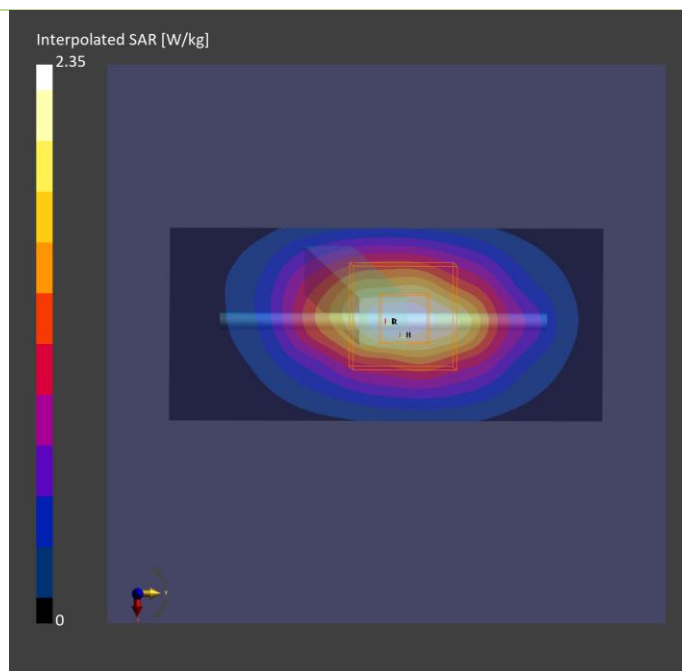
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-15 | 2023-12-15 |
| psSAR1g [W/kg]   | 1.89       | 1.92       |
| psSAR10g [W/kg]  | 0.989      | 1.02       |
| Power Drift [dB] | -0.01      | 0.01       |



## Plots of System Verification

### Measurement Report

S69 System Check\_H835\_231214

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 835                             | 10.16             | 0.925                  | 42.1             |

### Hardware Setup

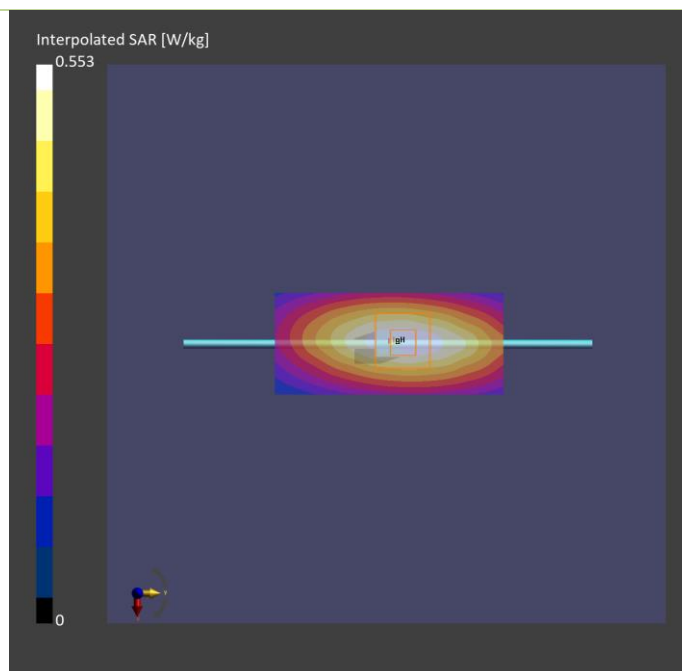
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-14 | 2023-12-14 |
| psSAR1g [W/kg]   | 0.481      | 0.480      |
| psSAR10g [W/kg]  | 0.317      | 0.316      |
| Power Drift [dB] | 0.03       | 0.03       |



## Plots of System Verification

### Measurement Report

S70 System Check\_H2300\_231213

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 2300                            | 8.12              | 1.71                   | 37.1             |

### Hardware Setup

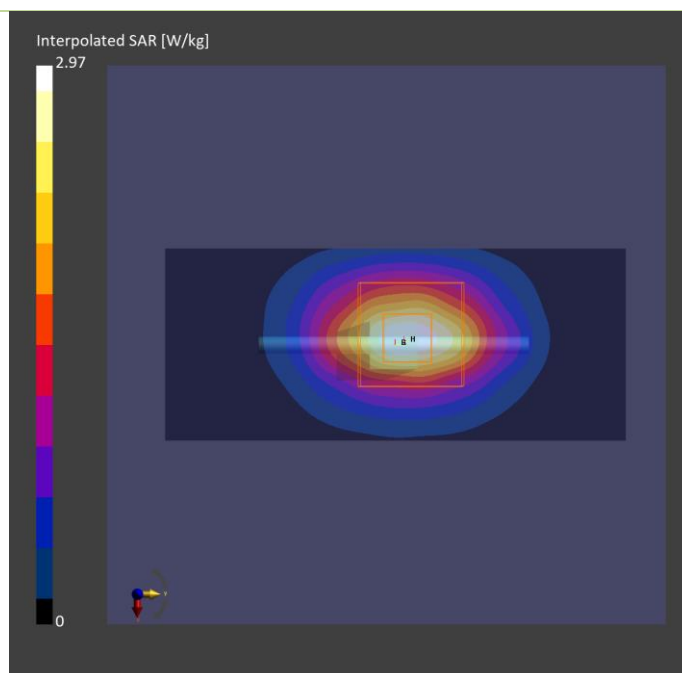
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]   | 2.30       | 2.35       |
| psSAR10g [W/kg]  | 1.10       | 1.14       |
| Power Drift [dB] | 0.00       | 0.03       |



## Plots of System Verification

### Measurement Report

S71 System Check\_H2600\_231214

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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                 |                              |      |            | 2600                            | 7.61              | 1.97                   | 38.5             |

### Hardware Setup

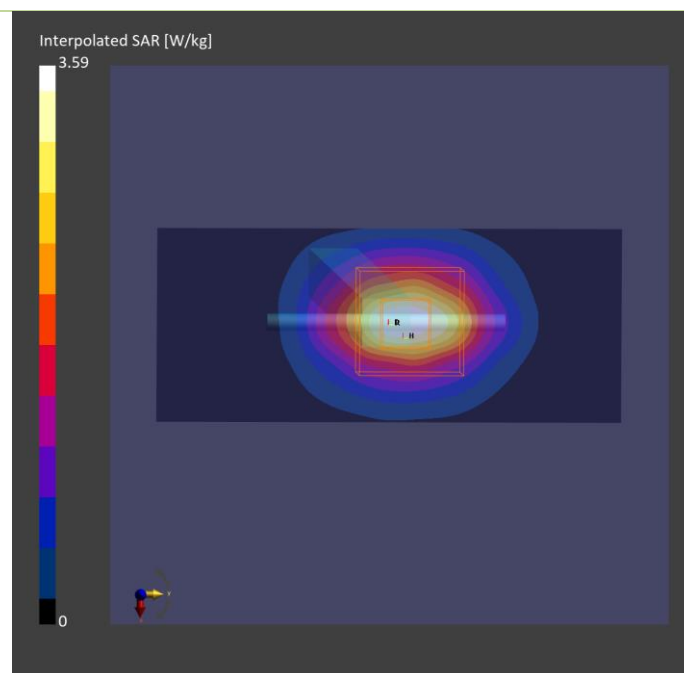
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-14 | 2023-12-14 |
| psSAR1g [W/kg]   | 2.72       | 2.76       |
| psSAR10g [W/kg]  | 1.22       | 1.26       |
| Power Drift [dB] | 0.01       | -0.01      |



## Plots of System Verification

### Measurement Report

S72 System Check\_H1750\_231215

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      | 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,                | ,                            |      |            | 1750                            | 9.0               | 1.36                   | 40.5             |

### Hardware Setup

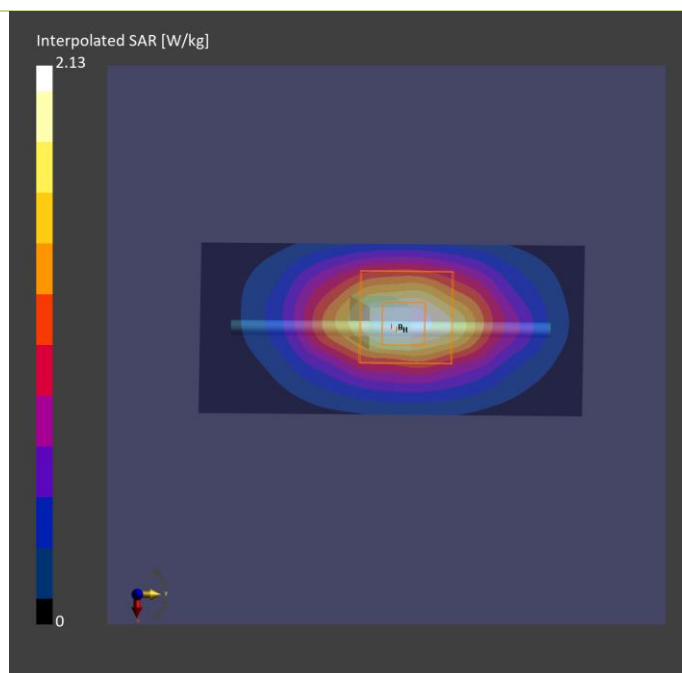
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-15 | 2023-12-15 |
| psSAR1g [W/kg]   | 1.73       | 1.75       |
| psSAR10g [W/kg]  | 0.929      | 0.940      |
| Power Drift [dB] | 0.03       | 0.04       |



## Plots of System Verification

### Measurement Report

S73 System Check\_H750\_231216

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 750                             | 10.35             | 0.901                  | 42.6             |

### Hardware Setup

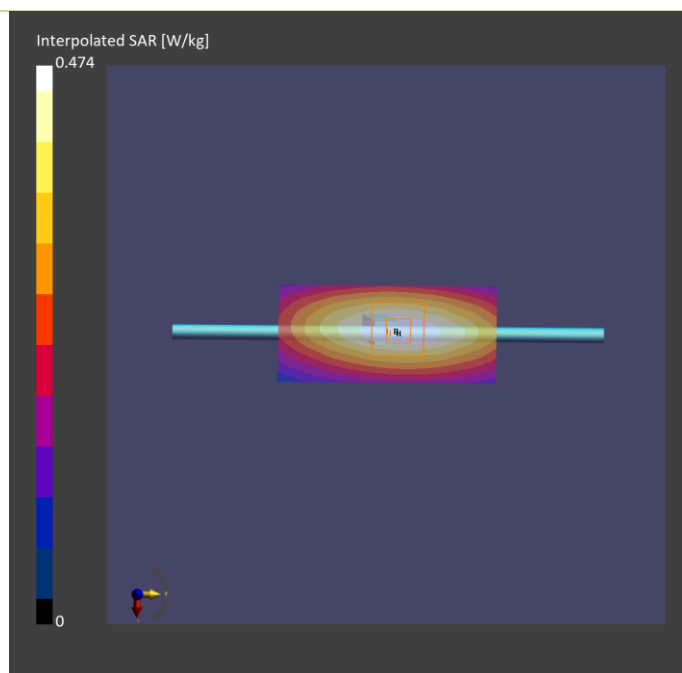
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-16 | 2023-12-16 |
| psSAR1g [W/kg]   | 0.413      | 0.410      |
| psSAR10g [W/kg]  | 0.276      | 0.273      |
| Power Drift [dB] | 0.02       | 0.03       |



## Plots of System Verification

### Measurement Report

S74 System Check\_H1900\_231215

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 1900                            | 8.37              | 1.45                   | 40.3             |

### Hardware Setup

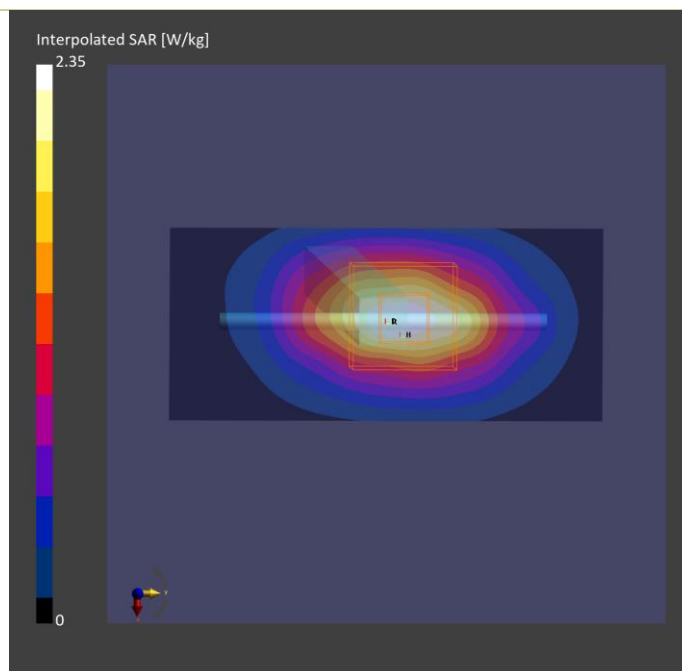
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-15 | 2023-12-15 |
| psSAR1g [W/kg]   | 1.89       | 1.92       |
| psSAR10g [W/kg]  | 0.989      | 1.02       |
| Power Drift [dB] | -0.01      | 0.01       |



## Plots of System Verification

### Measurement Report

S75 System Check\_H835\_231214

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 835                             | 10.16             | 0.925                  | 42.1             |

### Hardware Setup

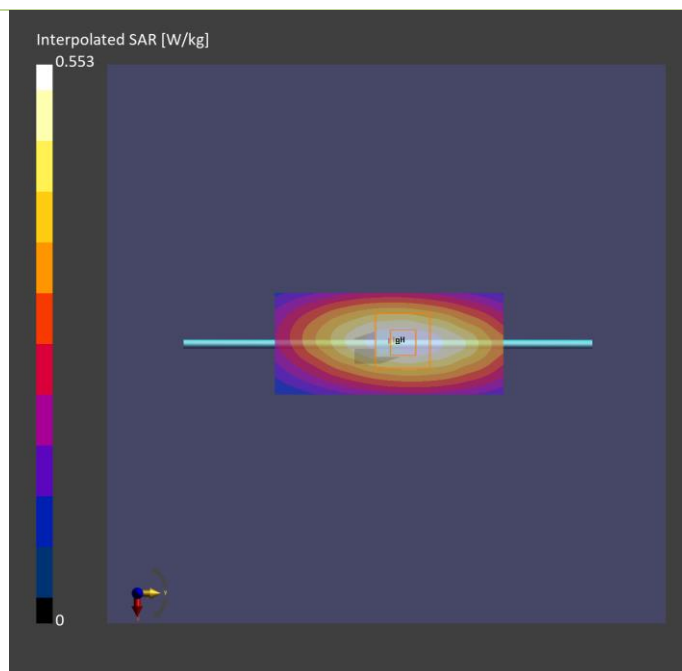
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-14 | 2023-12-14 |
| psSAR1g [W/kg]   | 0.481      | 0.480      |
| psSAR10g [W/kg]  | 0.317      | 0.316      |
| Power Drift [dB] | 0.03       | 0.03       |



## Plots of System Verification

### Measurement Report S76 System Check\_H2600\_231214 Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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                 |                              |      |            | 2600                            | 7.61              | 1.97                   | 38.5             |

### Hardware Setup

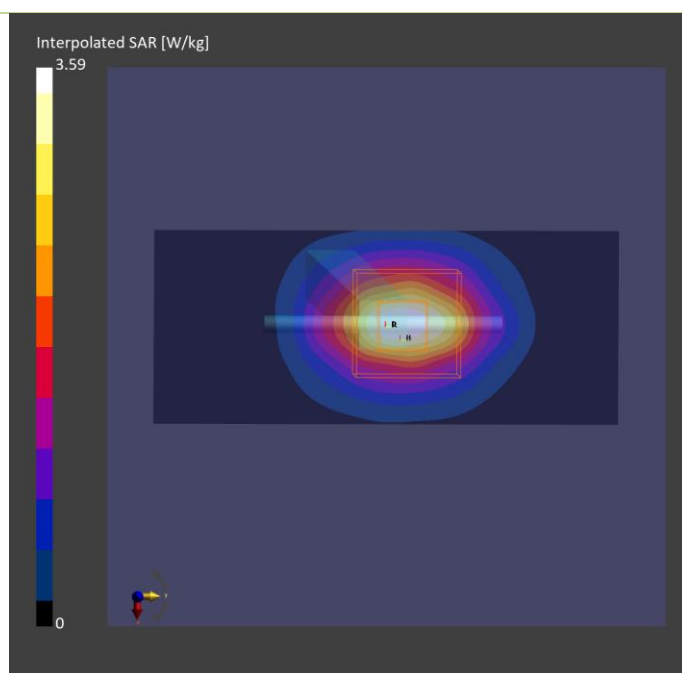
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-14 | 2023-12-14 |
| psSAR1g [W/kg]   | 2.72       | 2.76       |
| psSAR10g [W/kg]  | 1.22       | 1.26       |
| Power Drift [dB] | 0.01       | -0.01      |



## Plots of System Verification

### Measurement Report

S77 System Check\_H750\_231216

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 750                             | 10.35             | 0.901                  | 42.6             |

### Hardware Setup

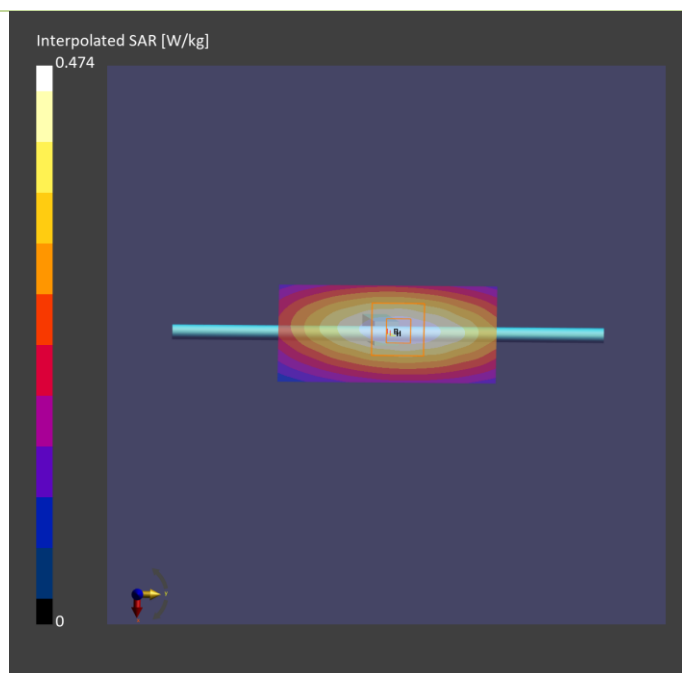
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-16 | 2023-12-16 |
| psSAR1g [W/kg]   | 0.413      | 0.410      |
| psSAR10g [W/kg]  | 0.276      | 0.273      |
| Power Drift [dB] | 0.02       | 0.03       |



## Plots of System Verification

### Measurement Report

S78 System Check\_H750\_231216

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 750                             | 10.35             | 0.901                  | 42.6             |

### Hardware Setup

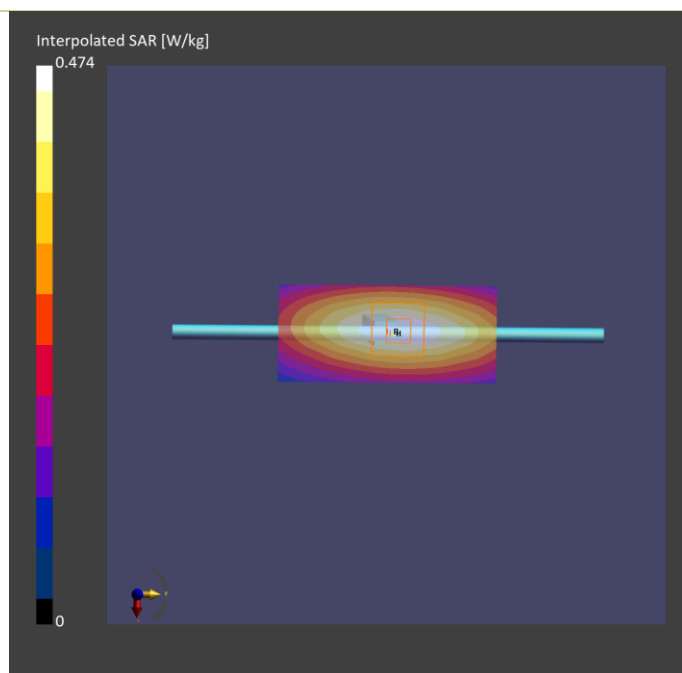
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-16 | 2023-12-16 |
| psSAR1g [W/kg]   | 0.413      | 0.410      |
| psSAR10g [W/kg]  | 0.276      | 0.273      |
| Power Drift [dB] | 0.02       | 0.03       |



## Plots of System Verification

### Measurement Report

S79 System Check\_H750\_231216

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 750                             | 10.35             | 0.901                  | 42.6             |

### Hardware Setup

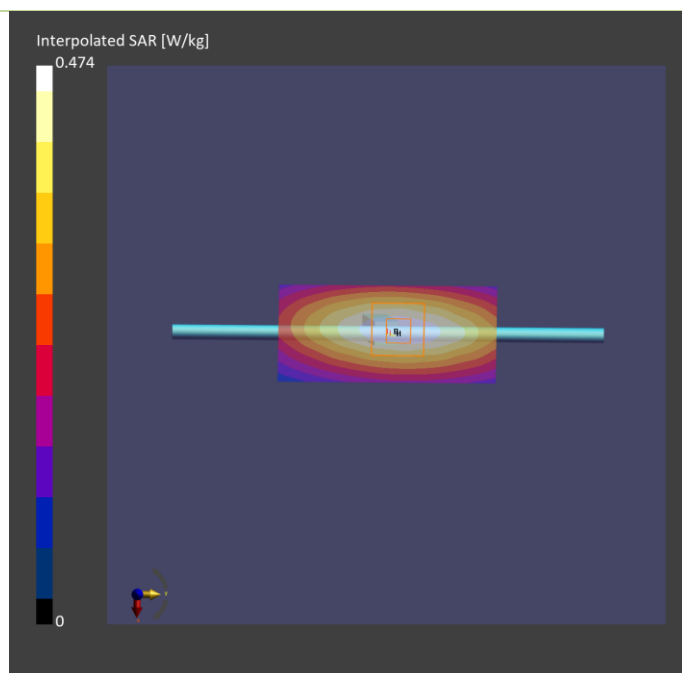
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-16 | 2023-12-16 |
| psSAR1g [W/kg]   | 0.413      | 0.410      |
| psSAR10g [W/kg]  | 0.276      | 0.273      |
| Power Drift [dB] | 0.02       | 0.03       |



## Plots of System Verification

### Measurement Report

S80 System Check\_H1900\_231215

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 1900                            | 8.37              | 1.45                   | 40.3             |

### Hardware Setup

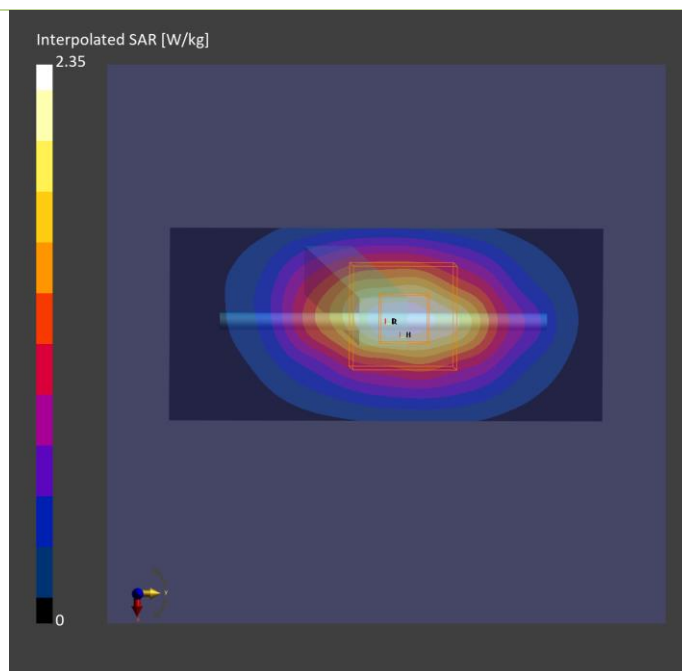
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-15 | 2023-12-15 |
| psSAR1g [W/kg]   | 1.89       | 1.92       |
| psSAR10g [W/kg]  | 0.989      | 1.02       |
| Power Drift [dB] | -0.01      | 0.01       |



## Plots of System Verification

### Measurement Report

S81 System Check\_H835\_231214

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 835                             | 10.16             | 0.925                  | 42.1             |

### Hardware Setup

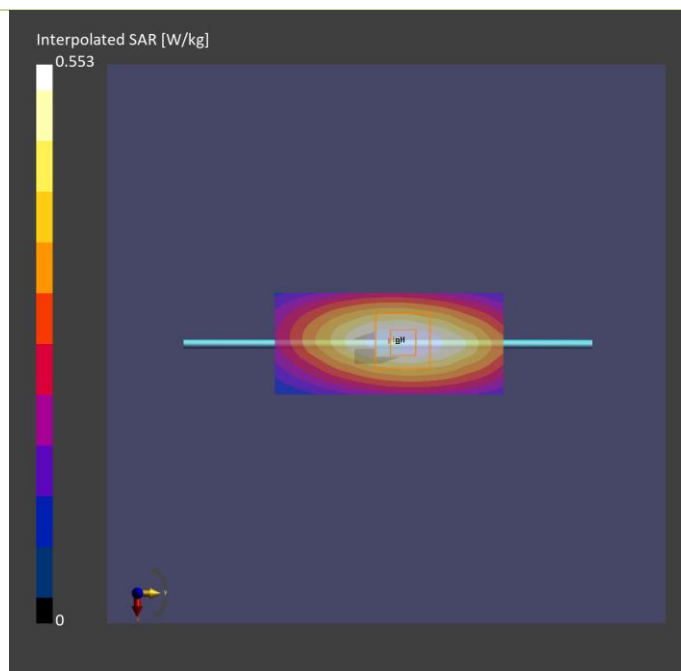
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-14 | 2023-12-14 |
| psSAR1g [W/kg]   | 0.481      | 0.480      |
| psSAR10g [W/kg]  | 0.317      | 0.316      |
| Power Drift [dB] | 0.03       | 0.03       |



## Plots of System Verification

### Measurement Report

S82 System Check\_H2300\_231213

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 2300                            | 8.12              | 1.71                   | 37.1             |

### Hardware Setup

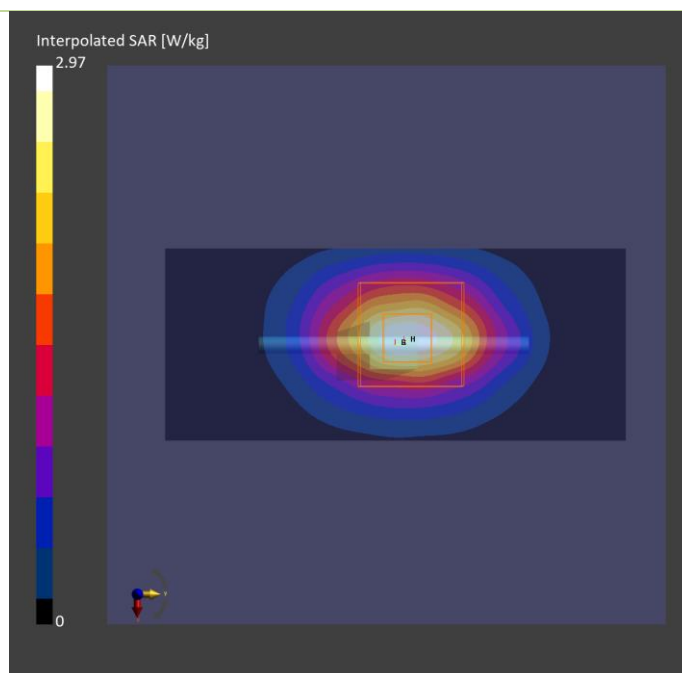
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]   | 2.30       | 2.35       |
| psSAR10g [W/kg]  | 1.10       | 1.14       |
| Power Drift [dB] | 0.00       | 0.03       |



## Plots of System Verification

### Measurement Report

S83 System Check\_H2600\_231214

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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                 |                              |      |            | 2600                            | 7.61              | 1.97                   | 38.5             |

### Hardware Setup

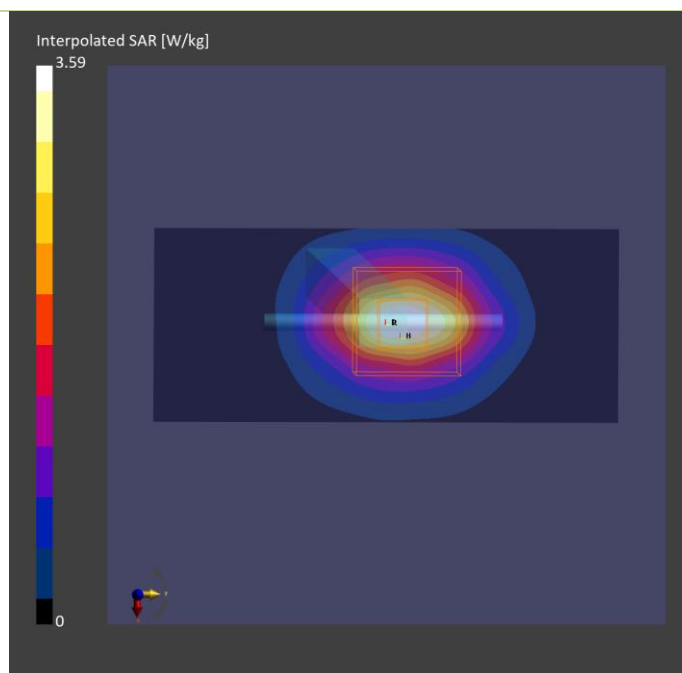
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-14 | 2023-12-14 |
| psSAR1g [W/kg]   | 2.72       | 2.76       |
| psSAR10g [W/kg]  | 1.22       | 1.26       |
| Power Drift [dB] | 0.01       | -0.01      |



## Plots of System Verification

### Measurement Report

S85 System Check\_H1750\_231215

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      | 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,                | ,                            |      |            | 1750                            | 9.0               | 1.36                   | 40.5             |

### Hardware Setup

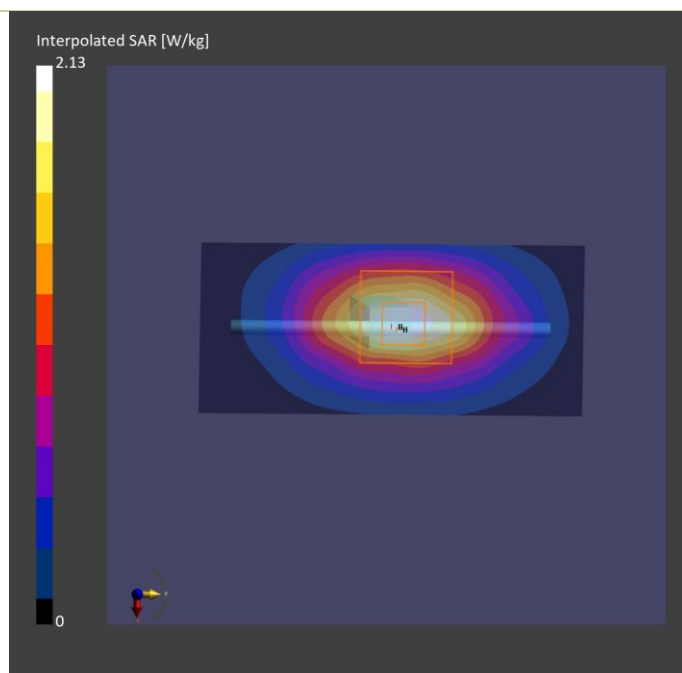
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-15 | 2023-12-15 |
| psSAR1g [W/kg]   | 1.73       | 1.75       |
| psSAR10g [W/kg]  | 0.929      | 0.940      |
| Power Drift [dB] | 0.03       | 0.04       |



## Plots of System Verification

### Measurement Report

S86 System Check\_H1750\_231215

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      | 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,                | ,                            |      |            | 1750                            | 9.0               | 1.36                   | 40.5             |

### Hardware Setup

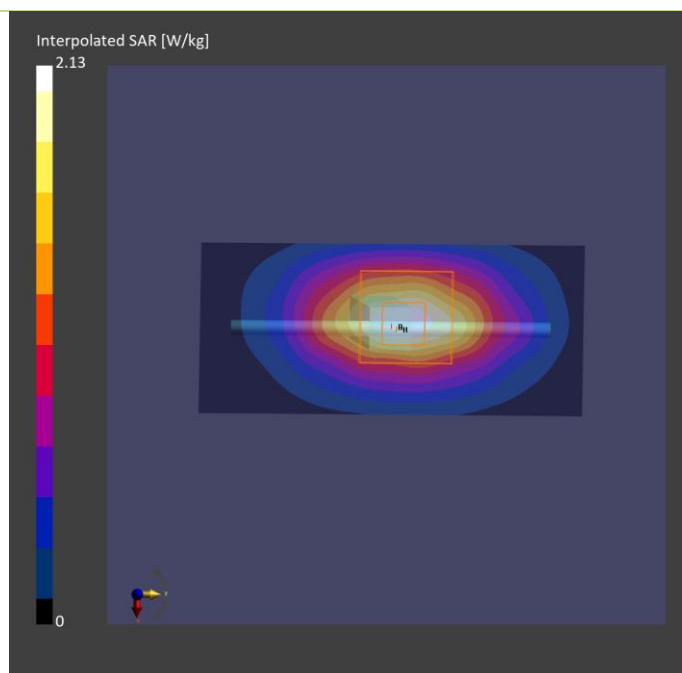
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-15 | 2023-12-15 |
| psSAR1g [W/kg]   | 1.73       | 1.75       |
| psSAR10g [W/kg]  | 0.929      | 0.940      |
| Power Drift [dB] | 0.03       | 0.04       |



## Plots of System Verification

### Measurement Report

S87 System Check\_H750\_231216

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Dipole              | 10.0 x 10.0 x 300.0 |      |          |

### 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,                | ,                            |      |            | 750                             | 10.35             | 0.901                  | 42.6             |

### Hardware Setup

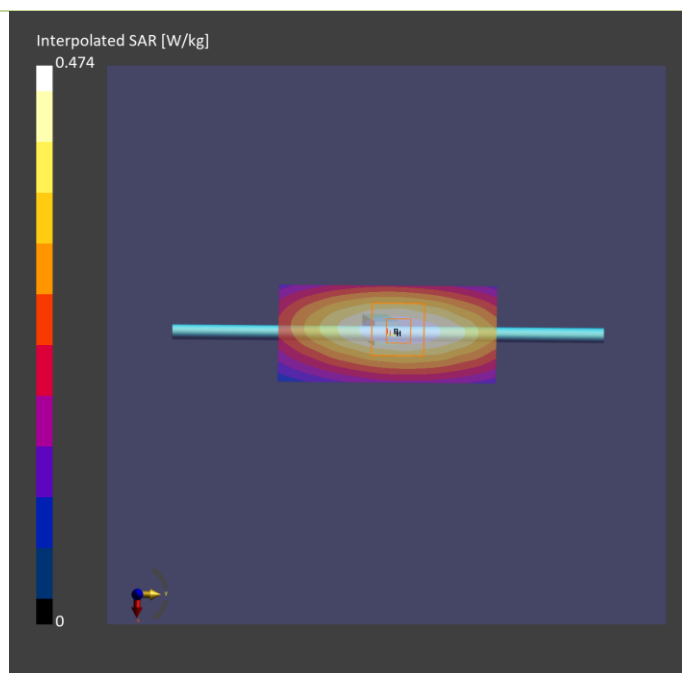
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2023-12-16 | 2023-12-16 |
| psSAR1g [W/kg]   | 0.413      | 0.410      |
| psSAR10g [W/kg]  | 0.276      | 0.273      |
| Power Drift [dB] | 0.02       | 0.03       |



### Appendix B. Plots of Measurement

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

# Plots of Measurement

## Measurement Report

### P01 WCDMA II\_RMC12.2K\_Bottom of Laptop\_0mm\_Ch9262\_Sample Speed\_Ant 0\_Power Reduction w

#### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 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,                | Bottom of Laptop, 0.00       | Band 2 | WCDMA, 10011-CAC | 1852.400, 9262                  | 8.37              | 1.45                   | 41.6             |

#### Hardware Setup

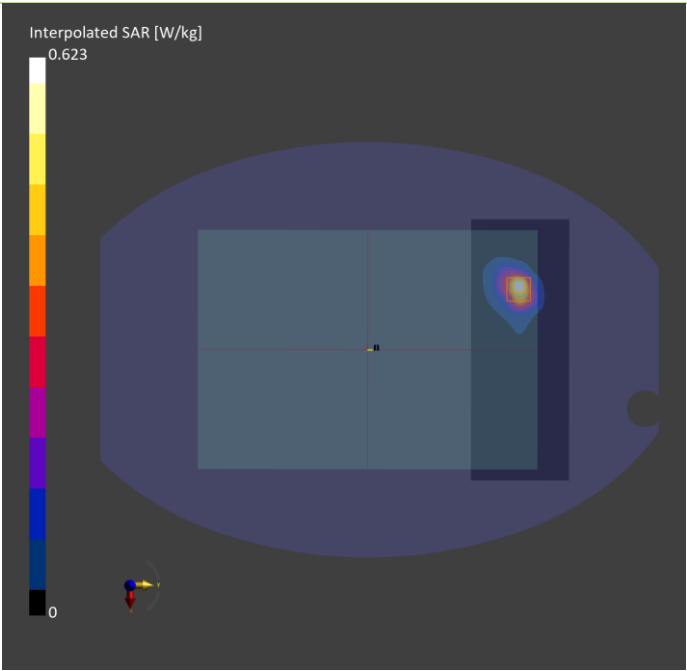
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-07 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

#### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

#### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-07 | 2023-12-07 |
| psSAR1g [W/kg]     | 0.482      | 0.492      |
| psSAR10g [W/kg]    | 0.242      | 0.236      |
| Power Drift [dB]   | -0.01      | 0.01       |
| M2/M1 [%]          |            | 45.8       |
| Dist 3dB Peak [mm] |            | 9.1        |



Plots of Measurement

Measurement Report  
P02 WCDMA IV\_RMC12.2K\_Bottom of Laptop\_0mm\_Ch1413\_Sample Speed\_Ant 0\_Power Reduction w  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 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,                | Bottom of Laptop, 0.00       | Band 4 | WCDMA, 10011-CAC | 1732.600, 1413                  | 9.0               | 1.38                   | 41.8             |

Hardware Setup

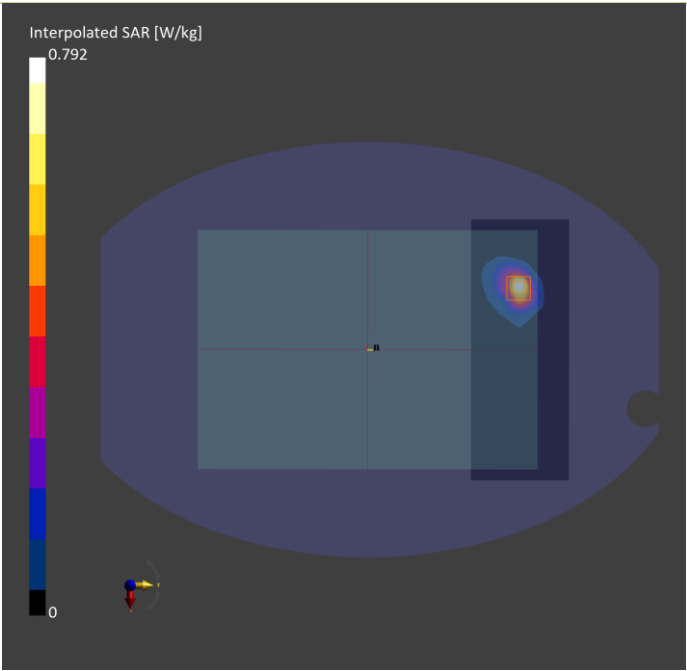
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-07 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 75.0 | 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                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-07 | 2023-12-07 |
| psSAR1g [W/kg]     | 0.510      | 0.518      |
| psSAR10g [W/kg]    | 0.246      | 0.247      |
| Power Drift [dB]   | 0.02       | 0.05       |
| M2/M1 [%]          |            | 46.2       |
| Dist 3dB Peak [mm] |            | 9.1        |



# Plots of Measurement

## Measurement Report

P03 WCDMA V\_RMC12.2K\_Bottom of Laptop\_0mm\_Ch4132\_Sample Speed\_Ant 0\_Power Reduction w  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 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,                | Bottom of Laptop, 0.00       | Band 5 | WCDMA, 10011-CAC | 826.400, 4132                   | 10.16             | 0.964                  | 43.5             |

### Hardware Setup

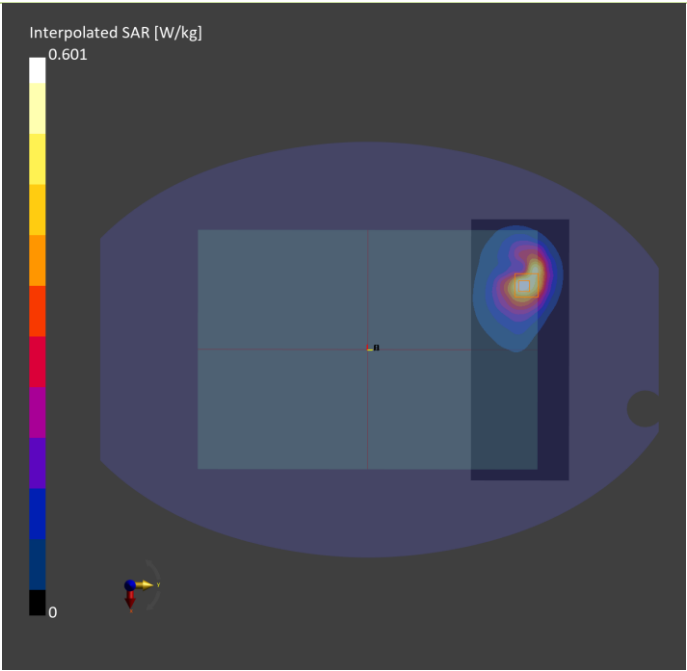
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-07 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 75.0 | 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                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-07 | 2023-12-07 |
| psSAR1g [W/kg]     | 0.499      | 0.506      |
| psSAR10g [W/kg]    | 0.312      | 0.289      |
| Power Drift [dB]   | -0.02      | 0.08       |
| M2/M1 [%]          |            | 53.2       |
| Dist 3dB Peak [mm] |            | 11.4       |



# Plots of Measurement

Measurement Report  
P04 LTE 7\_QPSK20M\_Bottom of Laptop\_0mm\_Ch20850\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| P23090601,          | 312.0 x 8.0 x 220.0 |      | 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,                | Bottom of Laptop, 0.00       | Band 7 | LTE-FDD, 10169-CAF | 2510.000, 20850                 | 7.61              | 1.82                   | 39.6             |

## Hardware Setup

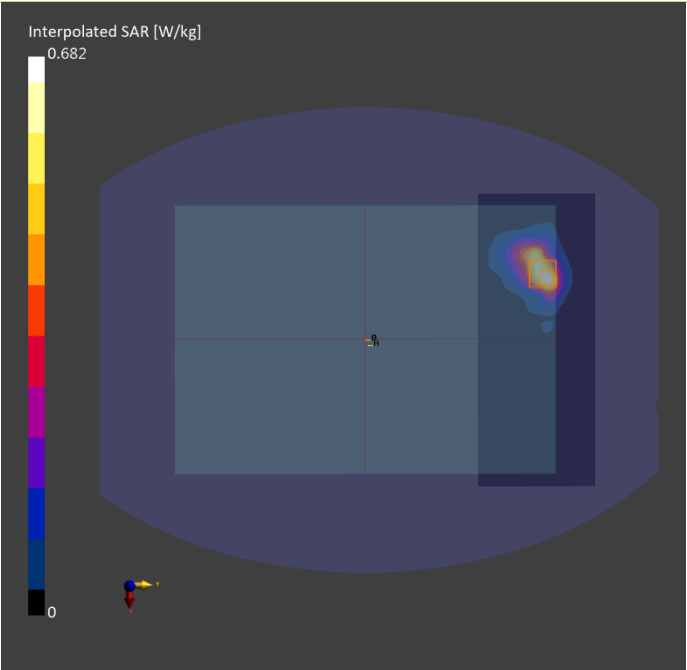
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-09 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 96.0 | 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               | 2023-12-09 | 2023-12-09 |
| psSAR1g [W/kg]     | 0.377      | 0.455      |
| psSAR10g [W/kg]    | 0.190      | 0.196      |
| Power Drift [dB]   | 0.06       | 0.02       |
| M2/M1 [%]          |            | 36.0       |
| Dist 3dB Peak [mm] |            | 5.1        |



# Plots of Measurement

## Measurement Report

P05 LTE 12\_QPSK10M\_Bottom of Laptop\_0mm\_Ch23130\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 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,                | Bottom of Laptop, 0.00       | Band 12 | LTE-FDD, 10175-CAH | 711.000, 23130                  | 10.35             | 0.948                  | 43.3             |

## Hardware Setup

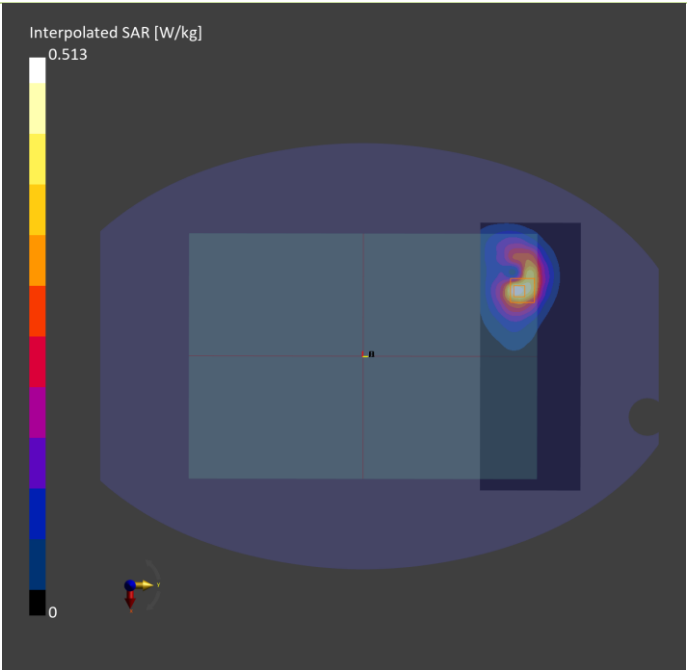
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-08 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 75.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-08 | 2023-12-08 |
| psSAR1g [W/kg]     | 0.422      | 0.462      |
| psSAR10g [W/kg]    | 0.259      | 0.229      |
| Power Drift [dB]   | -0.01      | 0.07       |
| M2/M1 [%]          |            | 45.6       |
| Dist 3dB Peak [mm] |            | 8.2        |



# Plots of Measurement

## Measurement Report

P06 LTE 13\_QPSK10M\_Bottom of Laptop\_0mm\_Ch23230\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 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,                | Bottom of Laptop, 0.00       | Band 13 | LTE-FDD, 10175-CAH | 782.000, 23230                  | 10.35             | 0.970                  | 43.1             |

## Hardware Setup

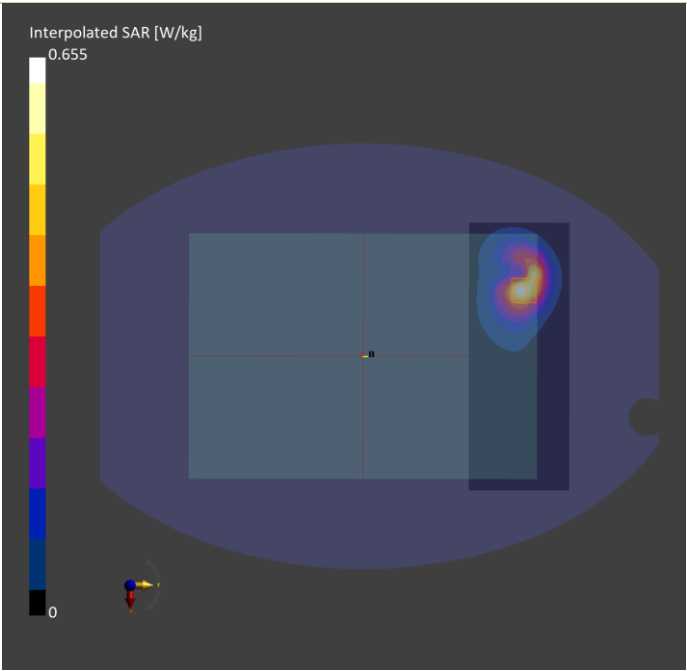
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-08 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 75.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-08 | 2023-12-08 |
| psSAR1g [W/kg]     | 0.528      | 0.527      |
| psSAR10g [W/kg]    | 0.318      | 0.286      |
| Power Drift [dB]   | 0.11       | 0.07       |
| M2/M1 [%]          |            | 48.2       |
| Dist 3dB Peak [mm] |            | 9.1        |



# Plots of Measurement

## Measurement Report

P07 LTE 14\_QPSK10M\_Bottom of Laptop\_0mm\_Ch23330\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 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,                | Bottom of Laptop, 0.00       | Band 14 | LTE-FDD, 10175-CAH | 793.000, 23330                  | 10.35             | 0.973                  | 43.1             |

## Hardware Setup

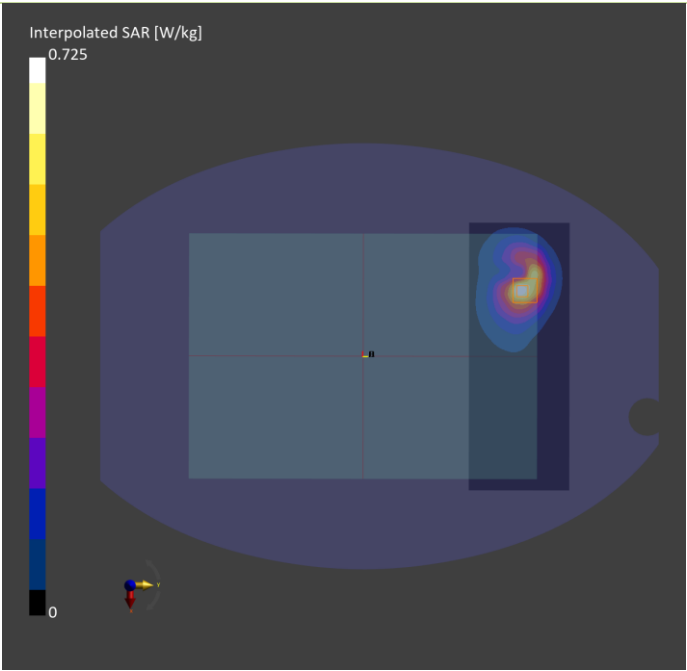
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-08 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 75.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-08 | 2023-12-08 |
| psSAR1g [W/kg]     | 0.587      | 0.566      |
| psSAR10g [W/kg]    | 0.356      | 0.312      |
| Power Drift [dB]   | 0.01       | -0.02      |
| M2/M1 [%]          |            | 49.4       |
| Dist 3dB Peak [mm] |            | 9.1        |



# Plots of Measurement

## Measurement Report

P08 LTE 25\_QPSK20M\_Bottom of Laptop\_0mm\_Ch26140\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 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,                | Bottom of Laptop, 0.00       | Band 25 | LTE-FDD, 10169-CAF | 1860.000, 26140                 | 8.37              | 1.45                   | 41.5             |

## Hardware Setup

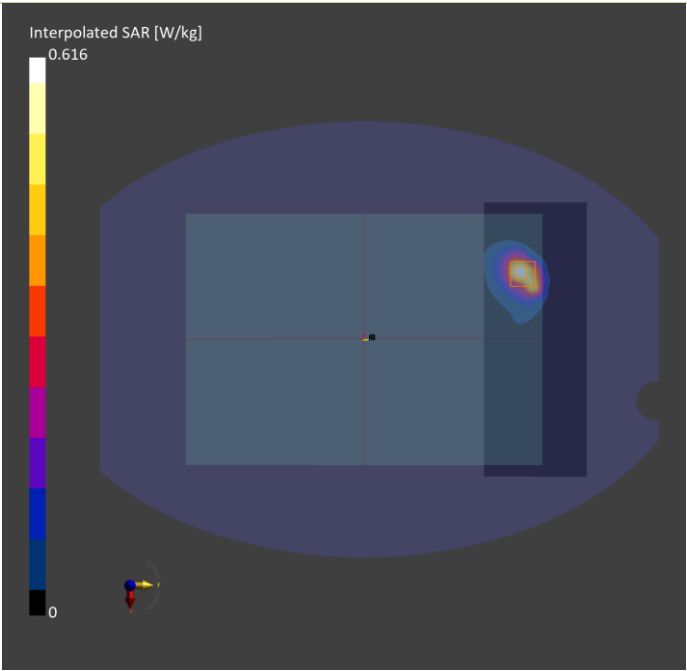
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-07 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 75.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-07 | 2023-12-07 |
| psSAR1g [W/kg]     | 0.479      | 0.570      |
| psSAR10g [W/kg]    | 0.253      | 0.272      |
| Power Drift [dB]   | -0.01      | 0.02       |
| M2/M1 [%]          |            | 47.0       |
| Dist 3dB Peak [mm] |            | 8.0        |



# Plots of Measurement

## Measurement Report

P09 LTE 26\_QPSK15M\_Bottom of Laptop\_0mm\_Ch26965\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w  
 Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| P23090601,          | 312.0 x 8.0 x 220.0 |      | 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,                | Bottom of Laptop, 0.00       | Band 26 | LTE-FDD, 10181-CAF | 841.500, 26965                  | 10.16             | 0.874                  | 45.0             |

## Hardware Setup

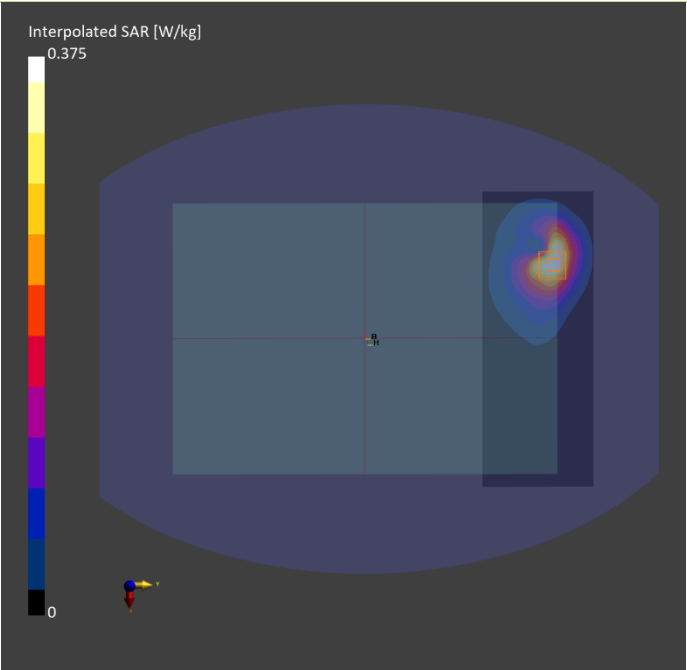
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-10 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 60.0 x 360.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-10 | 2023-12-10 |
| psSAR1g [W/kg]     | 0.324      | 0.344      |
| psSAR10g [W/kg]    | 0.198      | 0.182      |
| Power Drift [dB]   | -0.04      | -0.03      |
| M2/M1 [%]          |            | 43.2       |
| Dist 3dB Peak [mm] |            | 8.4        |



# Plots of Measurement

## Measurement Report

P10 LTE 30\_QPSK10M\_Bottom of Laptop\_0mm\_Ch27710\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 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,                | Bottom of Laptop, 0.00       | Band 30 | LTE-FDD, 10175-CAH | 2310.000, 27710                 | 8.12              | 1.75                   | 41.0             |

## Hardware Setup

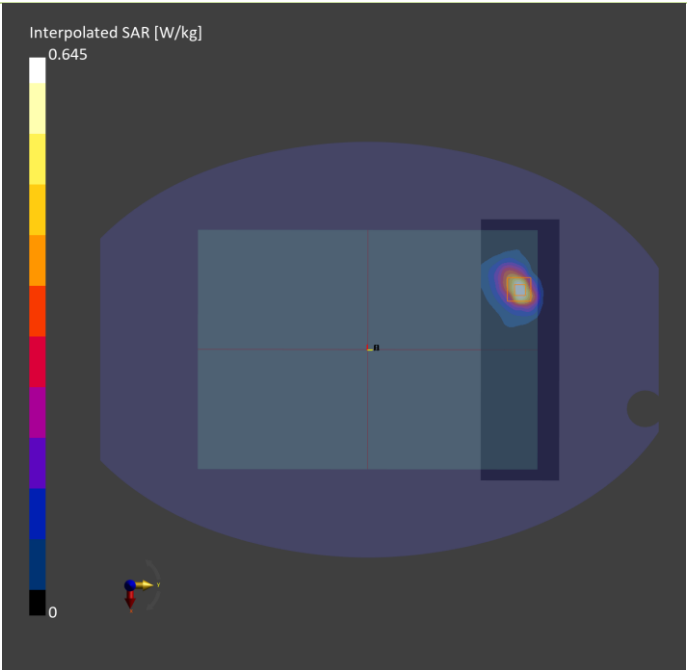
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-07 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 72.0 | 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               | 2023-12-07 | 2023-12-07 |
| psSAR1g [W/kg]     | 0.520      | 0.558      |
| psSAR10g [W/kg]    | 0.256      | 0.251      |
| Power Drift [dB]   | 0.00       | -0.01      |
| M2/M1 [%]          |            | 44.8       |
| Dist 3dB Peak [mm] |            | 8.5        |



## Plots of Measurement

### Measurement Report

P11 LTE 38\_QPSK20M\_Bottom of Laptop\_0mm\_Ch37850\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 16.0 |      | Laptop   |

### Exposure Conditions

| Phantom<br>Section, TSL | Position, Test<br>Distance [mm] | Band    | Group,<br>UID         | Frequency<br>[MHz],<br>Channel Number | Conversion<br>Factor | TSL Conductivity<br>[S/m] | TSL Permittivity |
|-------------------------|---------------------------------|---------|-----------------------|---------------------------------------|----------------------|---------------------------|------------------|
| Flat,                   | Bottom of<br>Laptop,<br>0.00    | Band 38 | LTE-TDD,<br>10172-CAH | 2580.000,<br>37850                    | 7.61                 | 1.95                      | 40.6             |

### Hardware Setup

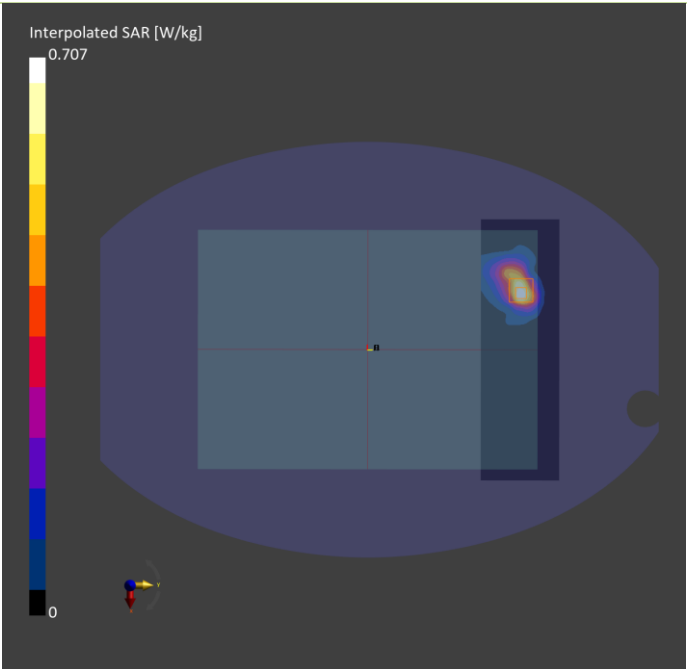
| Phantom                               | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|---------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) -<br>2188 | H06T27N9 , 2023-Dec-07 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                        | Area Scan    | Zoom Scan          |
|------------------------|--------------|--------------------|
| Grid Extents [mm]      | 240.0 x 72.0 | 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<br>[mm] | 3.0          | 1.4                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-07 | 2023-12-07 |
| psSAR1g [W/kg]     | 0.551      | 0.581      |
| psSAR10g [W/kg]    | 0.265      | 0.256      |
| Power Drift [dB]   | 0.01       | -0.11      |
| M2/M1 [%]          |            | 42.1       |
| Dist 3dB Peak [mm] |            | 7.9        |



# Plots of Measurement

## Measurement Report

### P12 LTE 41\_QPSK20M\_Bottom of Laptop\_0mm\_Ch40620\_1RB\_OS0\_Sample Speed\_Ant 1\_Power Reduction w

#### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 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,                | Bottom of Laptop, 0.00       | Band 41 | LTE-TDD, 10172-CAH | 2593.000, 40620                 | 7.61              | 1.89                   | 39.4             |

#### Hardware Setup

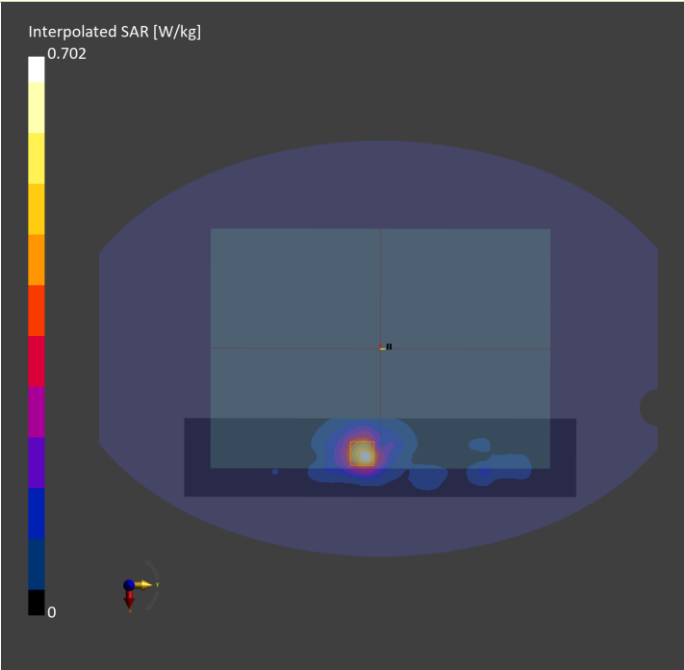
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-09 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

#### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 72.0 x 360.0 | 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               | 2023-12-09 | 2023-12-09 |
| psSAR1g [W/kg]     | 0.528      | 0.559      |
| psSAR10g [W/kg]    | 0.256      | 0.258      |
| Power Drift [dB]   | -0.19      | -0.07      |
| M2/M1 [%]          |            | 44.2       |
| Dist 3dB Peak [mm] |            | 9.9        |



Plots of Measurement

Measurement Report  
P56 LTE 42\_QPSK20M\_Bottom of Laptop\_0mm\_Ch43340\_1RB\_OS0\_WNC\_Ant 1\_w  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 8.0 |      | 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,                | Bottom of Laptop, 20.00      | Band 42 | LTE-TDD, 10172-CAH | 3575.0, 43340                   | 6.15              | 2.88                   | 39.1             |

Hardware Setup

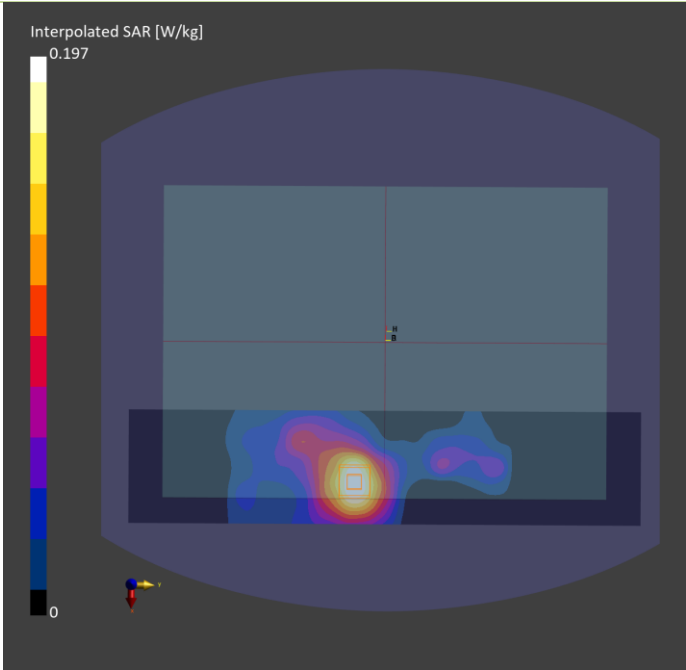
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H33T50N5 , 2024-Jan-31 | EX3DV4 - SN7797, 2024-01-08 | DAE4 Sn1589, 2023-05-24 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 77.0 x 363.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 11.0 x 11.0  | 5.0 x 5.0 x 2.5    |
| Sensor Surface [mm] | 3.0          | 1.4                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2024-01-31 | 2024-01-31 |
| psSAR1g [W/kg]     | 0.356      | 0.501      |
| psSAR10g [W/kg]    | 0.179      | 0.278      |
| Power Drift [dB]   | -0.00      | -0.05      |
| M2/M1 [%]          |            | 74.9       |
| Dist 3dB Peak [mm] |            | 17.7       |



Plots of Measurement

Measurement Report  
P57 LTE 43\_QPSK20M\_Bottom of Laptop\_0mm\_Ch44215\_1RB\_OS0\_WNC\_Ant 1\_w  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 8.0 |      | 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,                | Bottom of Laptop, 20.00      | Band 43 | LTE-TDD, 10172-CAH | 3662.5, 44215                   | 6.05              | 2.96                   | 39.0             |

Hardware Setup

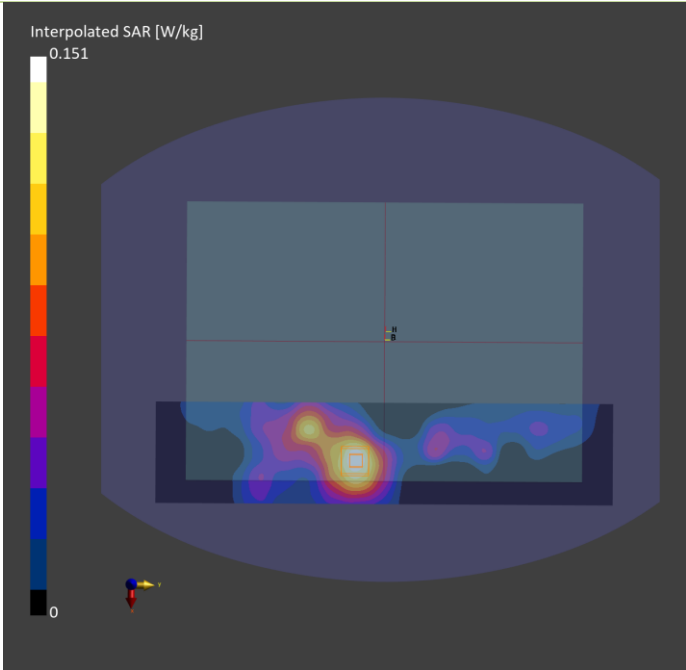
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H33T50N5 , 2024-Jan-31 | EX3DV4 - SN7797, 2024-01-08 | DAE4 Sn1589, 2023-05-24 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 77.0 x 363.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 11.0 x 11.0  | 5.0 x 5.0 x 2.5    |
| Sensor Surface [mm] | 3.0          | 1.4                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2024-01-31 | 2024-01-31 |
| psSAR1g [W/kg]     | 0.418      | 0.504      |
| psSAR10g [W/kg]    | 0.259      | 0.316      |
| Power Drift [dB]   | 0.01       | -0.04      |
| M2/M1 [%]          |            | 74.1       |
| Dist 3dB Peak [mm] |            | 14.5       |



Plots of Measurement

Measurement Report

P13 LTE 48\_QPSK20M\_Bottom of Laptop\_0mm\_Ch55780\_1RB\_OS0\_Sample Speed\_Ant 1\_Power Reduction w Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 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,                | Bottom of Laptop, 0.00       | Band 48 | LTE-TDD, 10172-CAH | 3604.000, 55780                 | 7.19              | 2.84                   | 37.8             |

Hardware Setup

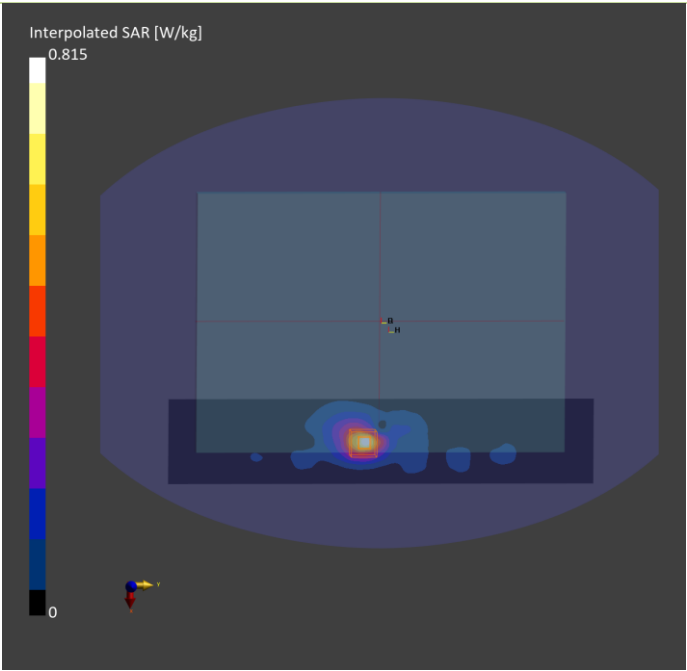
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H33T50N9 , 2023-Dec-10 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 72.0 x 360.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 12.0 x 12.0  | 5.0 x 5.0 x 2.5    |
| Sensor Surface [mm] | 3.0          | 1.4                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-10 | 2023-12-10 |
| psSAR1g [W/kg]     | 0.574      | 0.550      |
| psSAR10g [W/kg]    | 0.235      | 0.229      |
| Power Drift [dB]   | 0.02       | 0.03       |
| M2/M1 [%]          |            | 60.4       |
| Dist 3dB Peak [mm] |            | 8.6        |



# Plots of Measurement

## Measurement Report

P14 LTE 66\_QPSK20M\_Bottom of Laptop\_0mm\_Ch132072\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 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,                | Bottom of Laptop, 0.00       | Band 66 | LTE-FDD, 10169-CAF | 1720.000, 132072                | 9.0               | 1.38                   | 41.4             |

## Hardware Setup

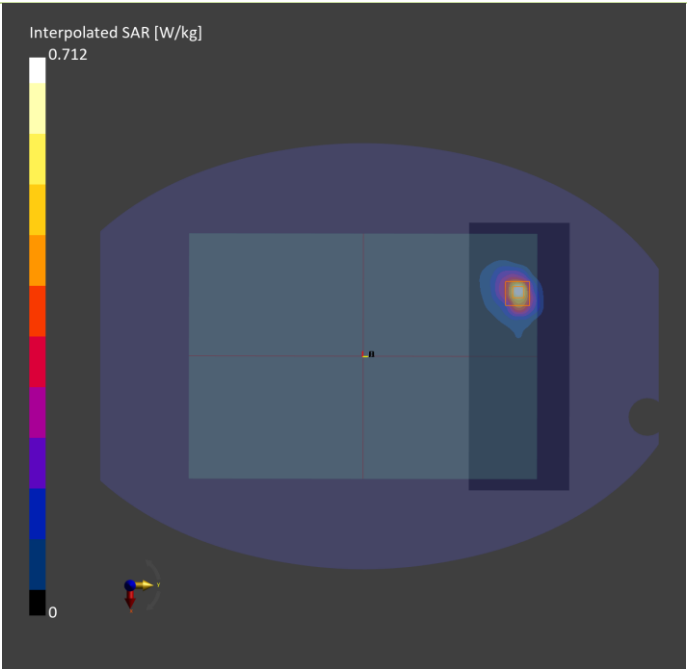
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-08 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 75.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-08 | 2023-12-08 |
| psSAR1g [W/kg]     | 0.550      | 0.555      |
| psSAR10g [W/kg]    | 0.277      | 0.268      |
| Power Drift [dB]   | -0.02      | 0.08       |
| M2/M1 [%]          |            | 46.3       |
| Dist 3dB Peak [mm] |            | 9.1        |



Plots of Measurement

Measurement Report

P15 LTE 71\_QPSK20M\_Bottom of Laptop\_0mm\_Ch133372\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 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,                | Bottom of Laptop, 0.00       | Band 71 | LTE-FDD, 10169-CAF | 688.000, 133372                 | 10.35             | 0.940                  | 43.4             |

Hardware Setup

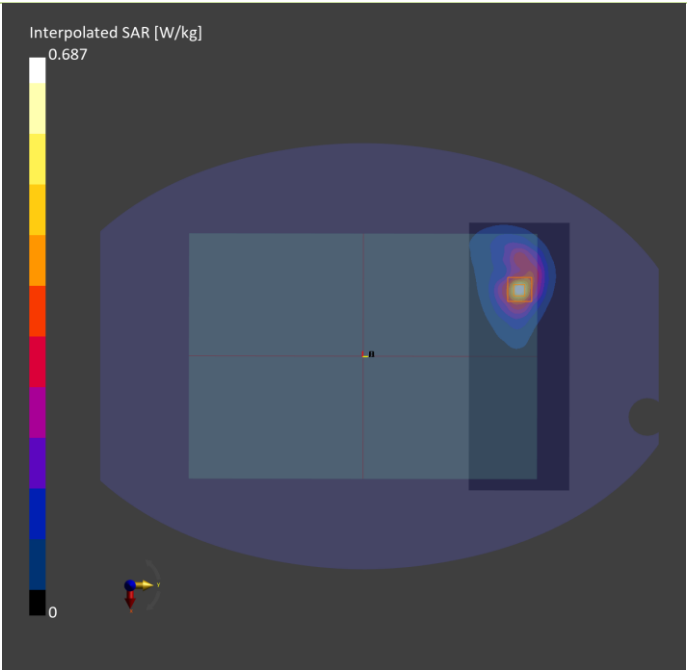
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-08 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 75.0 | 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                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-08 | 2023-12-08 |
| psSAR1g [W/kg]     | 0.542      | 0.520      |
| psSAR10g [W/kg]    | 0.311      | 0.250      |
| Power Drift [dB]   | 0.01       | 0.09       |
| M2/M1 [%]          |            | 39.7       |
| Dist 3dB Peak [mm] |            | 8.8        |



# Plots of Measurement

Measurement Report  
P16 5GNR-n2\_DFT-s QPSK20M\_Bottom of Laptop\_0mm\_Ch376000\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction  
w

## Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n2 | 5G NR FR1 FDD, 10931-AAC | 1880.000, 376000                | 8.37              | 1.44                   | 42.6             |

## Hardware Setup

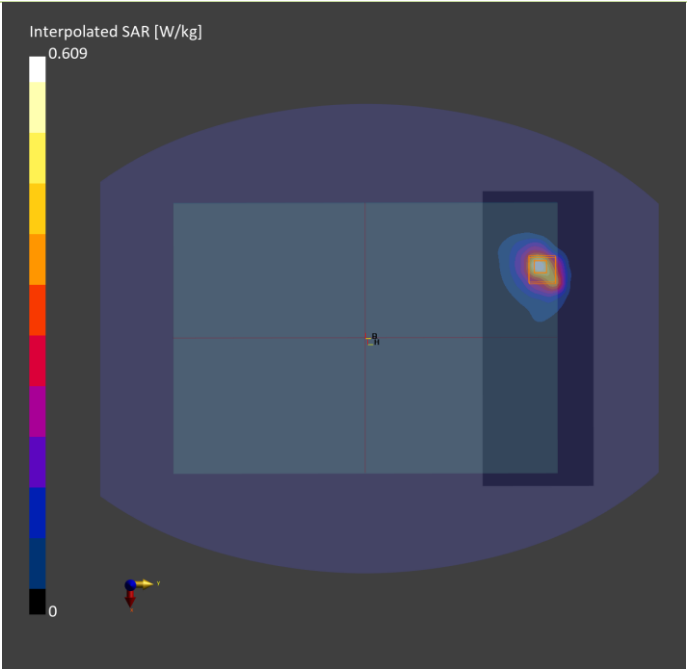
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-11 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-11 | 2023-12-11 |
| psSAR1g [W/kg]     | 0.468      | 0.550      |
| psSAR10g [W/kg]    | 0.243      | 0.262      |
| Power Drift [dB]   | -0.03      | 0.02       |
| M2/M1 [%]          |            | 47.0       |
| Dist 3dB Peak [mm] |            | 8.0        |



Plots of Measurement

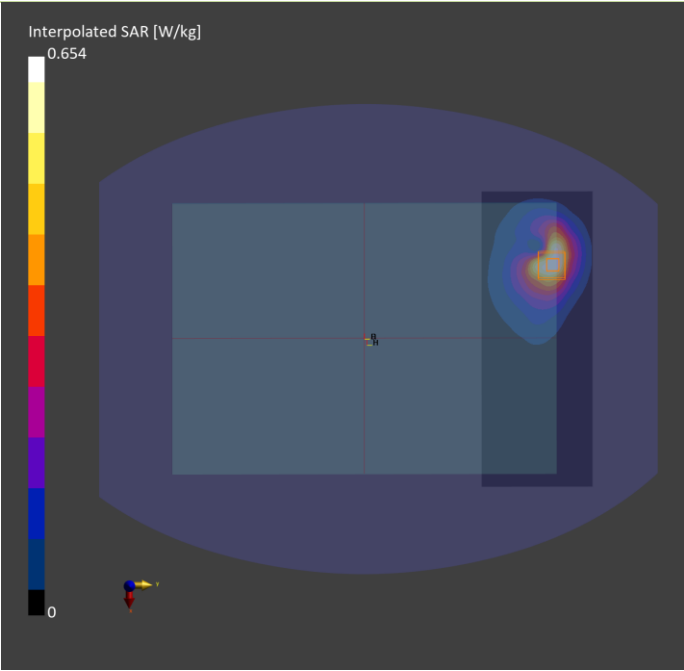
Measurement Report  
P17 5GNR-n5\_DFT-s QPSK20M\_Bottom of Laptop\_0mm\_Ch167300\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w

| Device under Test Properties |                      |      |          |
|------------------------------|----------------------|------|----------|
| Model, Manufacturer          | Dimensions [mm]      | IMEI | DUT Type |
| P23090601,                   | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n5 | 5G NR FR1 FDD, 10931-AAC | 836.500, 167300                 | 10.16             | 0.938                  | 44.6             |

| Hardware Setup                     |                        |                             |                         |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-11 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

| Scan Setup          |              | Measurement Results |                    |
|---------------------|--------------|---------------------|--------------------|
|                     | Area Scan    | Zoom Scan           |                    |
| Grid Extents [mm]   | 240.0 x 90.0 | 32.0 x 32.0 x 30.0  | Date               |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0     | 2023-12-11         |
| Sensor Surface [mm] | 3.0          | 1.4                 | psSAR1g [W/kg]     |
|                     |              |                     | 0.566              |
|                     |              |                     | psSAR10g [W/kg]    |
|                     |              |                     | 0.352              |
|                     |              |                     | Power Drift [dB]   |
|                     |              |                     | 0.01               |
|                     |              |                     | M2/M1 [%]          |
|                     |              |                     | 57.2               |
|                     |              |                     | Dist 3dB Peak [mm] |
|                     |              |                     | 9.4                |



# Plots of Measurement

## Measurement Report

P18 5GNR-n7\_DFT-s QPSK40M\_Bottom of Laptop\_0mm\_Ch507000\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n7 | 5G NR FR1 FDD, 10934-AAC | 2535.000, 507000                | 7.61              | 1.84                   | 39.5             |

### Hardware Setup

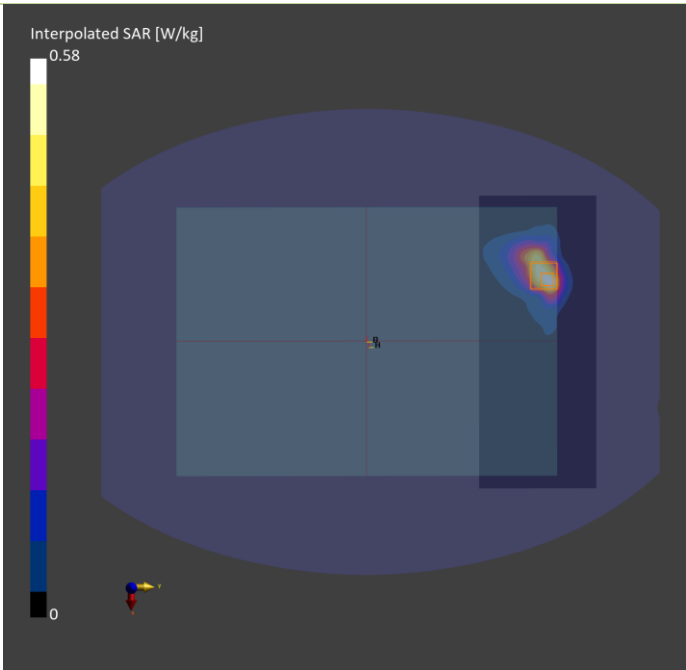
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-09 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 96.0 | 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               | 2023-12-09 | 2023-12-09 |
| psSAR1g [W/kg]     | 0.450      | 0.509      |
| psSAR10g [W/kg]    | 0.228      | 0.229      |
| Power Drift [dB]   | 0.04       | 0.05       |
| M2/M1 [%]          |            | 44.5       |
| Dist 3dB Peak [mm] |            | 7.9        |



# Plots of Measurement

## Measurement Report

### P41 5GNR-n12\_DFT-s QPSK15M\_Bottom of Laptop\_0mm\_Ch141500\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w

#### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n12 | 5G NR FR1 FDD, 10930-AAC | 707.500, 141500                 | 10.35             | 0.899                  | 41.3             |

#### Hardware Setup

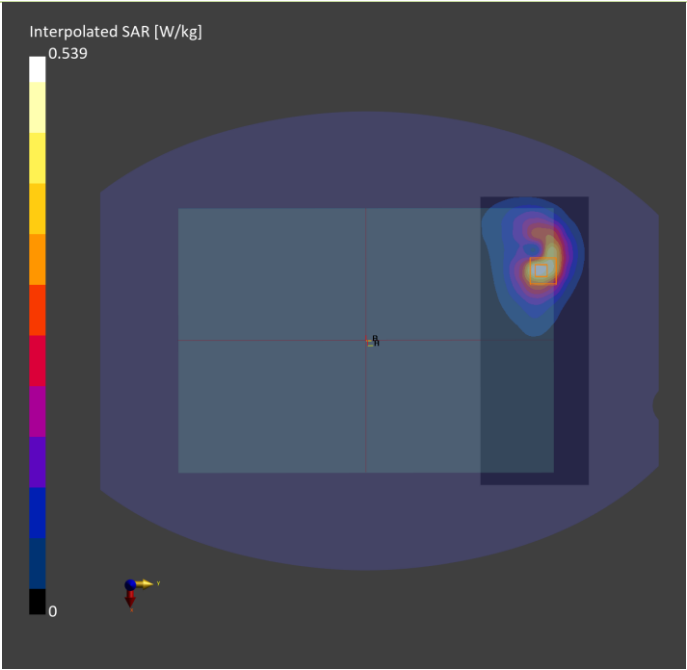
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-12 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

#### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

#### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-12 | 2023-12-12 |
| psSAR1g [W/kg]     | 0.447      | 0.498      |
| psSAR10g [W/kg]    | 0.277      | 0.247      |
| Power Drift [dB]   | 0.01       | 0.05       |
| M2/M1 [%]          |            | 45.4       |
| Dist 3dB Peak [mm] |            | 8.0        |



Plots of Measurement

Measurement Report  
P42 5GNR-n13\_DFT-s QPSK10M\_Bottom of Laptop\_0mm\_Ch156400\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction  
w

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n13 | 5G NR FR1 FDD, 10929-AAD | 782.000, 156400                 | 10.35             | 0.924                  | 41.3             |

Hardware Setup

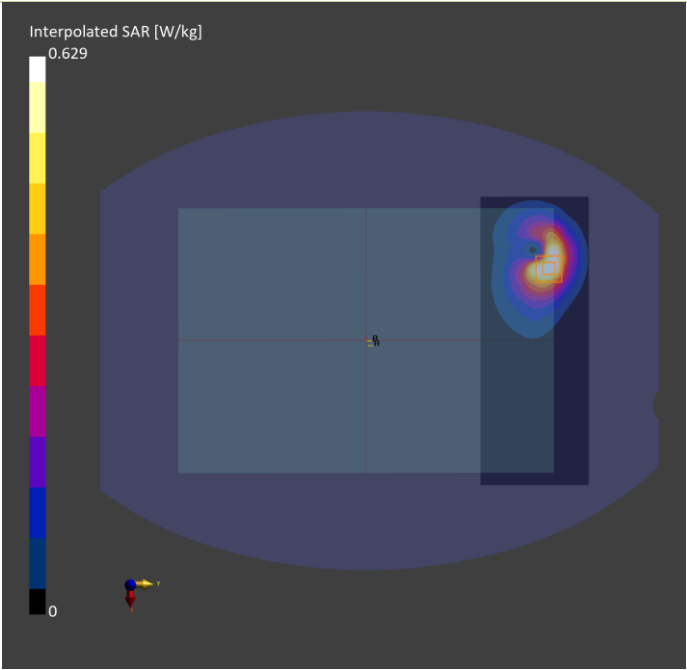
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-12 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-12 | 2023-12-12 |
| psSAR1g [W/kg]     | 0.544      | 0.557      |
| psSAR10g [W/kg]    | 0.337      | 0.306      |
| Power Drift [dB]   | 0.01       | 0.11       |
| M2/M1 [%]          |            | 46.3       |
| Dist 3dB Peak [mm] |            | 8.7        |



Plots of Measurement

Measurement Report  
P43 5GNR-n14\_DFT-s QPSK10M\_Bottom of Laptop\_0mm\_Ch158600\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction  
w

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n14 | 5G NR FR1 FDD, 10929-AAD | 793.000, 158600                 | 10.35             | 0.928                  | 41.3             |

Hardware Setup

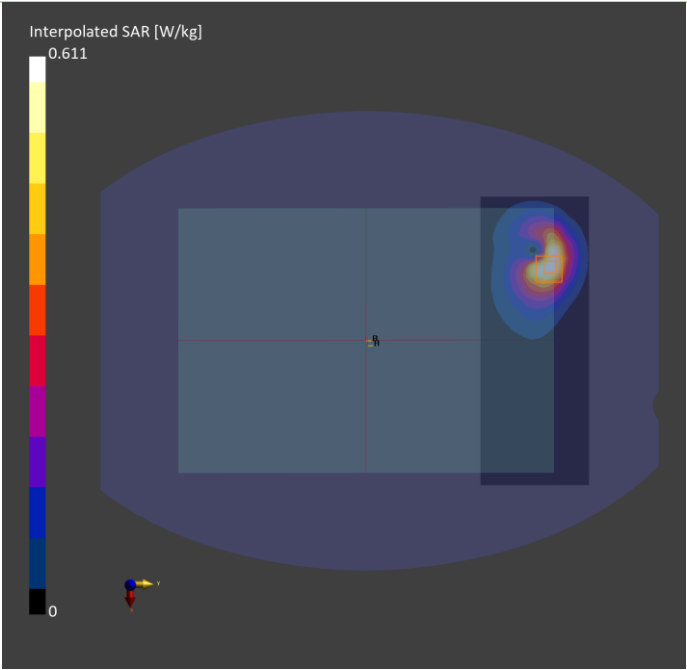
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-12 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-12 | 2023-12-12 |
| psSAR1g [W/kg]     | 0.528      | 0.531      |
| psSAR10g [W/kg]    | 0.327      | 0.297      |
| Power Drift [dB]   | -0.01      | -0.01      |
| M2/M1 [%]          |            | 47.6       |
| Dist 3dB Peak [mm] |            | 8.7        |



# Plots of Measurement

Measurement Report  
P19 5GNR-n25\_DFT-s QPSK40M\_Bottom of Laptop\_0mm\_Ch376500\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction  
w

## Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n25 | 5G NR FR1 FDD, 10934-AAC | 1882.500, 376500                | 8.37              | 1.44                   | 42.6             |

## Hardware Setup

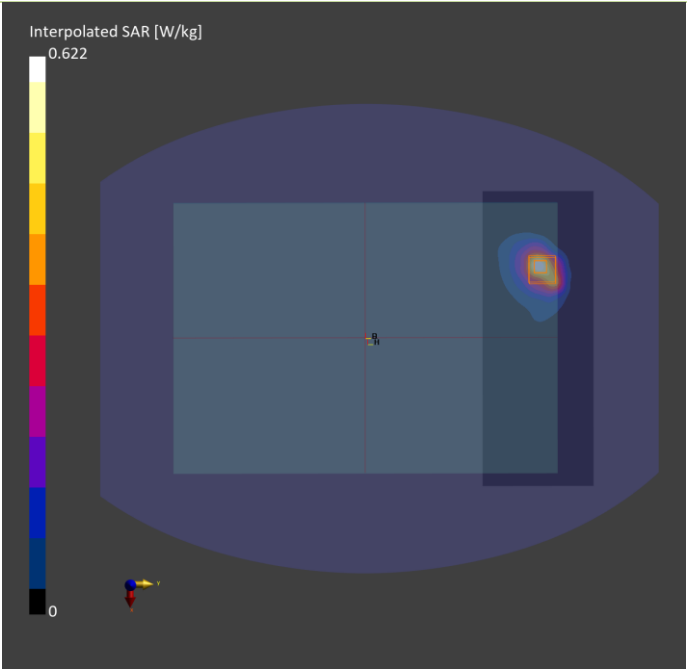
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-11 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-11 | 2023-12-11 |
| psSAR1g [W/kg]     | 0.478      | 0.560      |
| psSAR10g [W/kg]    | 0.248      | 0.266      |
| Power Drift [dB]   | -0.01      | 0.02       |
| M2/M1 [%]          |            | 47.0       |
| Dist 3dB Peak [mm] |            | 8.0        |



## Plots of Measurement

### Measurement Report

P44 5GNR-n26\_DFT-s QPSK20M\_Bottom of Laptop\_0mm\_Ch164800\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w

#### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n26 | 5G NR FR1 FDD, 10931-AAC | 824.000, 164800                 | 10.16             | 0.934                  | 44.7             |

#### Hardware Setup

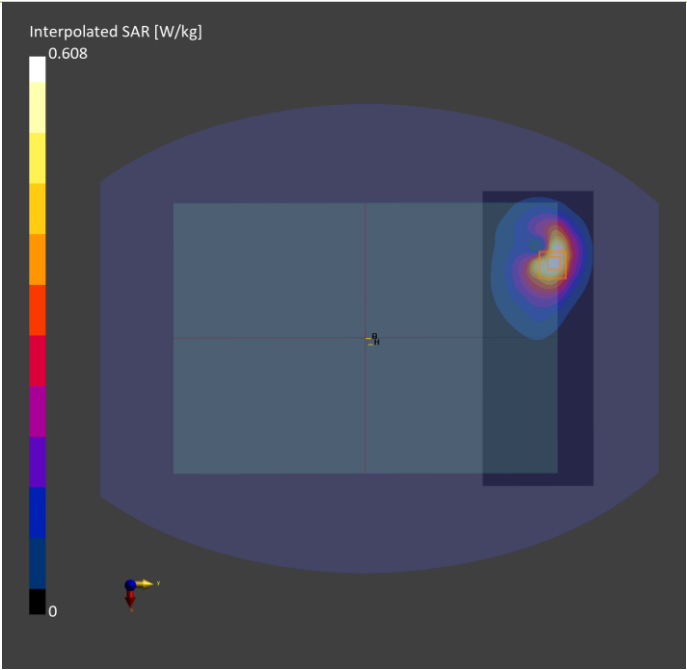
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-11 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

#### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

#### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-11 | 2023-12-11 |
| psSAR1g [W/kg]     | 0.524      | 0.511      |
| psSAR10g [W/kg]    | 0.324      | 0.294      |
| Power Drift [dB]   | 0.00       | 0.04       |
| M2/M1 [%]          |            | 50.9       |
| Dist 3dB Peak [mm] |            | 10.3       |



Plots of Measurement

Measurement Report  
P50 5GNR-n30\_DFT-s QPSK10M\_Bottom of Laptop\_0mm\_Ch462000\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction  
w

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n30 | 5G NR FR1 FDD, 10929-AAD | 2310.000, 462000                | 8.12              | 1.70                   | 38.8             |

Hardware Setup

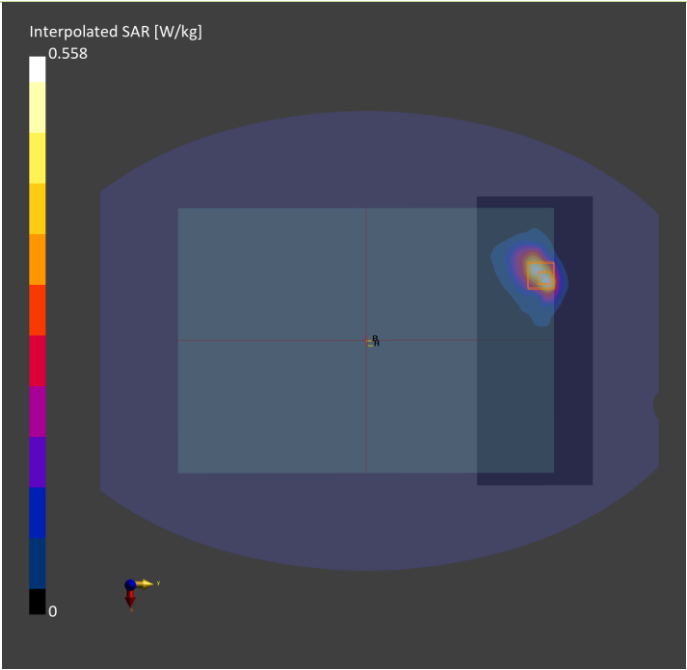
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-12 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 96.0 | 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               | 2023-12-12 | 2023-12-12 |
| psSAR1g [W/kg]     | 0.425      | 0.496      |
| psSAR10g [W/kg]    | 0.220      | 0.223      |
| Power Drift [dB]   | 0.03       | 0.01       |
| M2/M1 [%]          |            | 45.9       |
| Dist 3dB Peak [mm] |            | 8.5        |



Plots of Measurement

Measurement Report  
P51 5GNR-n38\_DFT-s QPSK40M\_Bottom of Laptop\_0mm\_Ch518000\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction  
w

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n38 | 5G NR FR1 TDD, 10903-AAD | 2590.000, 518000                | 7.61              | 1.88                   | 39.4             |

Hardware Setup

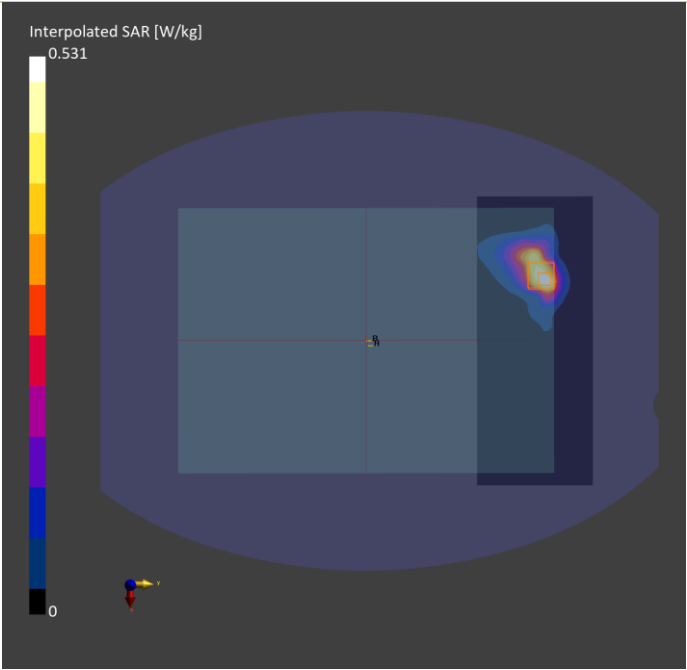
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-09 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 96.0 | 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               | 2023-12-09 | 2023-12-09 |
| psSAR1g [W/kg]     | 0.414      | 0.463      |
| psSAR10g [W/kg]    | 0.209      | 0.208      |
| Power Drift [dB]   | 0.01       | -0.03      |
| M2/M1 [%]          |            | 43.3       |
| Dist 3dB Peak [mm] |            | 8.5        |



Plots of Measurement

Measurement Report  
P52 5GNR-n41\_DFT-s QPSK100M\_Bottom of Laptop\_0mm\_Ch513900\_1RB\_OS1\_Sample Speed\_Ant 1\_Power Reduction w

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n41 | 5G NR FR1 TDD, 10866-AAF | 2569.500, 513900                | 7.61              | 1.91                   | 36.6             |

Hardware Setup

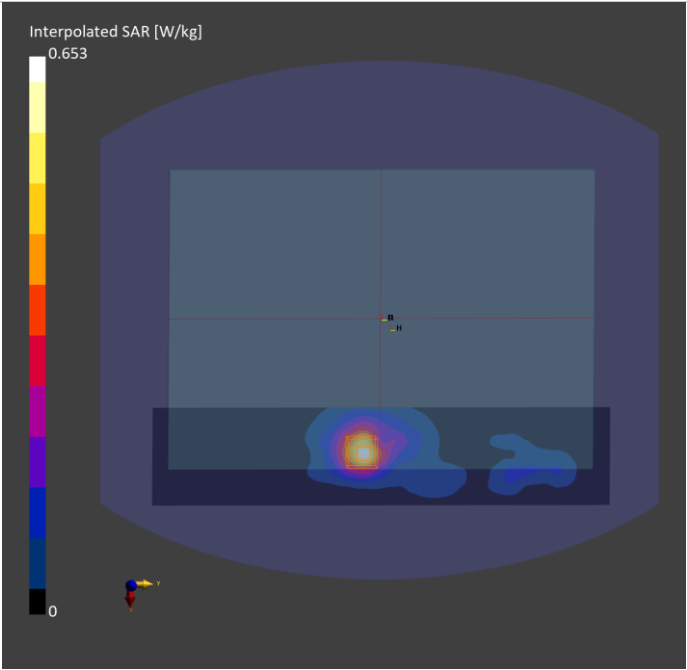
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 72.0 x 336.0 | 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               | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]     | 0.497      | 0.511      |
| psSAR10g [W/kg]    | 0.242      | 0.244      |
| Power Drift [dB]   | -0.02      | 0.06       |
| M2/M1 [%]          |            | 46.1       |
| Dist 3dB Peak [mm] |            | 11.5       |



Plots of Measurement

Measurement Report  
P46 5GNR-n48\_DFT-s QPSK40M\_Bottom of Laptop\_0mm\_Ch642888\_1RB\_OS1\_Sample Speed\_Ant 1\_Power Reduction  
w

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n48 | 5G NR FR1 TDD, 10903-AAD | 3643.315, 642888                | 7.19              | 2.89                   | 39.7             |

Hardware Setup

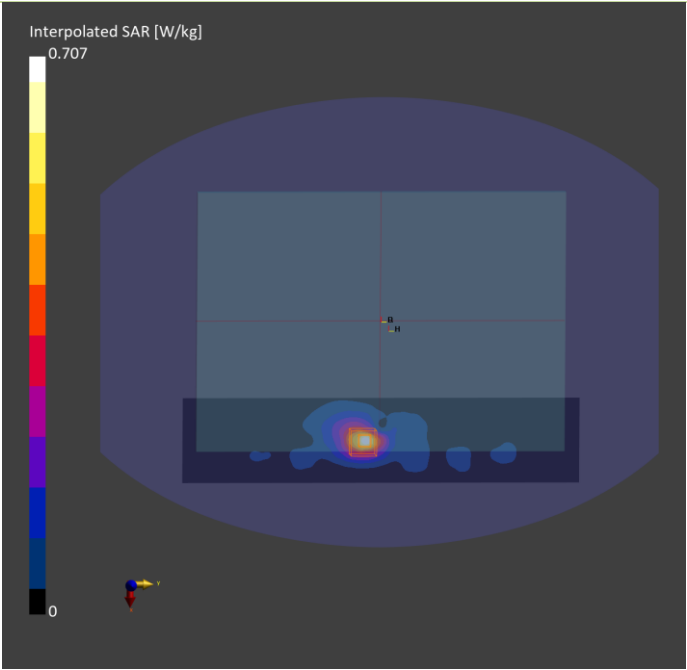
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H33T50N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 72.0 x 336.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 12.0 x 12.0  | 5.0 x 5.0 x 2.5    |
| Sensor Surface [mm] | 3.0          | 1.4                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]     | 0.495      | 0.508      |
| psSAR10g [W/kg]    | 0.202      | 0.202      |
| Power Drift [dB]   | 0.03       | 0.02       |
| M2/M1 [%]          |            | 60.3       |
| Dist 3dB Peak [mm] |            | 8.6        |



# Plots of Measurement

## Measurement Report

### P30 5GNR-n66\_DFT-s QPSK40M\_Bottom of Laptop\_0mm\_Ch346000\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w

#### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n66 | 5G NR FR1 FDD, 10934-AAC | 1730.000, 346000                | 9.0               | 1.35                   | 42.8             |

#### Hardware Setup

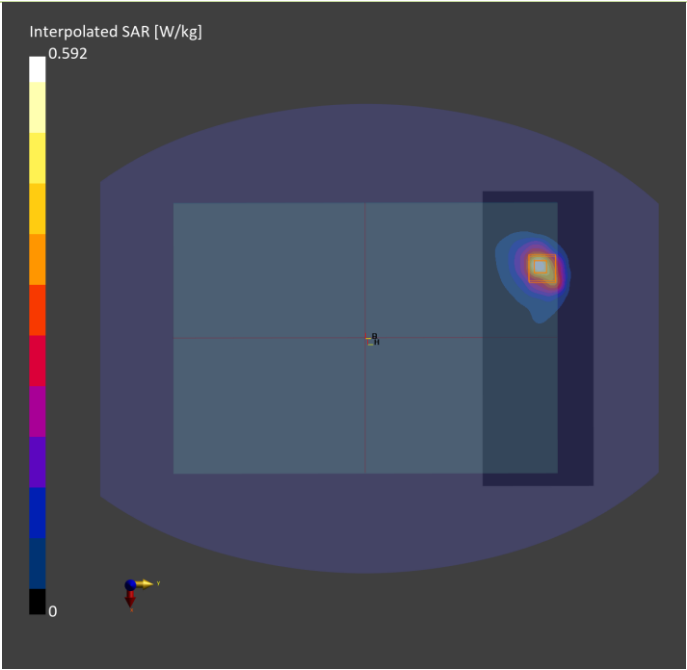
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-11 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

#### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

#### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-11 | 2023-12-11 |
| psSAR1g [W/kg]     | 0.462      | 0.557      |
| psSAR10g [W/kg]    | 0.245      | 0.265      |
| Power Drift [dB]   | -0.02      | 0.01       |
| M2/M1 [%]          |            | 46.7       |
| Dist 3dB Peak [mm] |            | 8.0        |



Plots of Measurement

Measurement Report  
P47 5GNR-n70\_DFT-s QPSK15M\_Bottom of Laptop\_0mm\_Ch340500\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction  
w

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n70 | 5G NR FR1 FDD, 10930-AAC | 1702.500, 340500                | 9.0               | 1.34                   | 42.8             |

Hardware Setup

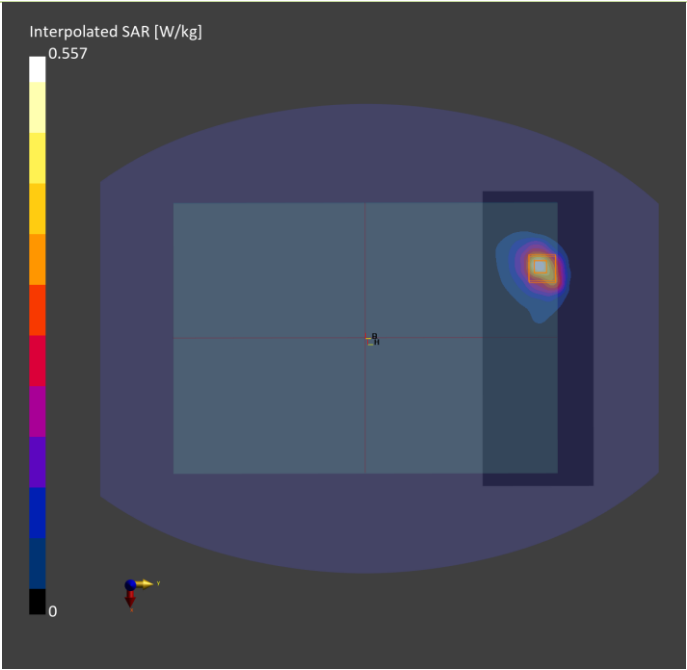
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-11 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-11 | 2023-12-11 |
| psSAR1g [W/kg]     | 0.436      | 0.528      |
| psSAR10g [W/kg]    | 0.232      | 0.251      |
| Power Drift [dB]   | 0.01       | -0.04      |
| M2/M1 [%]          |            | 46.7       |
| Dist 3dB Peak [mm] |            | 8.0        |



# Plots of Measurement

Measurement Report  
P53 5GNR-n71\_DFT-s QPSK30M\_Bottom of Laptop\_0mm\_Ch136100\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w\_0

## Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n71 | 5G NR FR1 FDD, 10933-AAC C | 680.500, 136100                 | 10.35             | 0.938                  | 43.4             |

## Hardware Setup

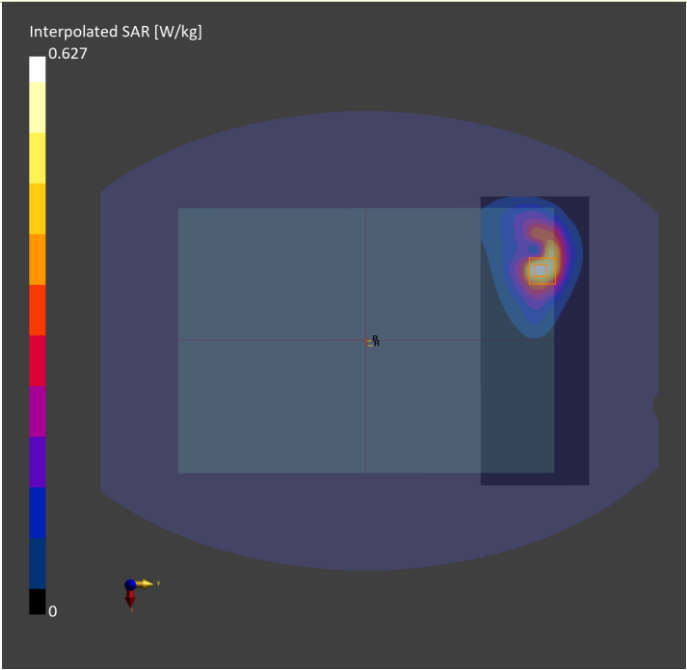
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-08 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-08 | 2023-12-08 |
| psSAR1g [W/kg]     | 0.517      | 0.489      |
| psSAR10g [W/kg]    | 0.319      | 0.237      |
| Power Drift [dB]   | -0.05      | 0.06       |
| M2/M1 [%]          |            | 43.5       |
| Dist 3dB Peak [mm] |            | 8.0        |



# Plots of Measurement

## Measurement Report

### P54 5GNR-n77\_DFT-s QPSK100M\_Bottom for Laptop\_0mm\_Ch650000\_1RB\_OS1\_Sample Speed\_Ant 1\_Power Reduction w

#### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n77 | 5G NR FR1 TDD, 10866-AAF | 3750.000, 650000                | 7.19              | 3.00                   | 39.5             |

#### Hardware Setup

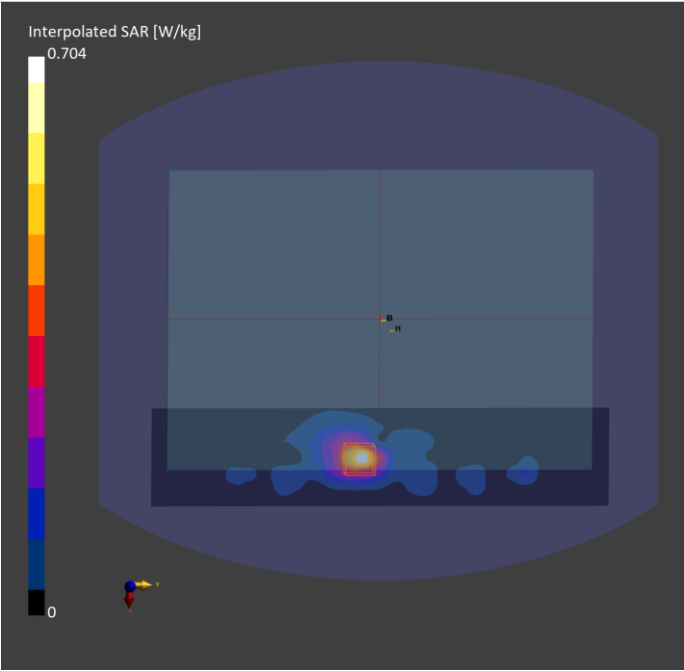
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H33T50N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

#### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 72.0 x 336.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 12.0 x 12.0  | 5.0 x 5.0 x 2.5    |
| Sensor Surface [mm] | 3.0          | 1.4                |

#### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]     | 0.490      | 0.503      |
| psSAR10g [W/kg]    | 0.199      | 0.199      |
| Power Drift [dB]   | -0.08      | -0.01      |
| M2/M1 [%]          |            | 59.6       |
| Dist 3dB Peak [mm] |            | 8.6        |



# Plots of Measurement

## Measurement Report

### P55 5GNR-n78\_DFT-s QPSK100M\_Bottom of Laptop\_0mm\_Ch650000\_1RB\_OS1\_Sample Speed\_Ant 1\_Power Reduction w

#### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | Band n78 | 5G NR FR1 TDD, 10866-AAF | 3750.000, 650000                | 7.19              | 3.00                   | 39.5             |

#### Hardware Setup

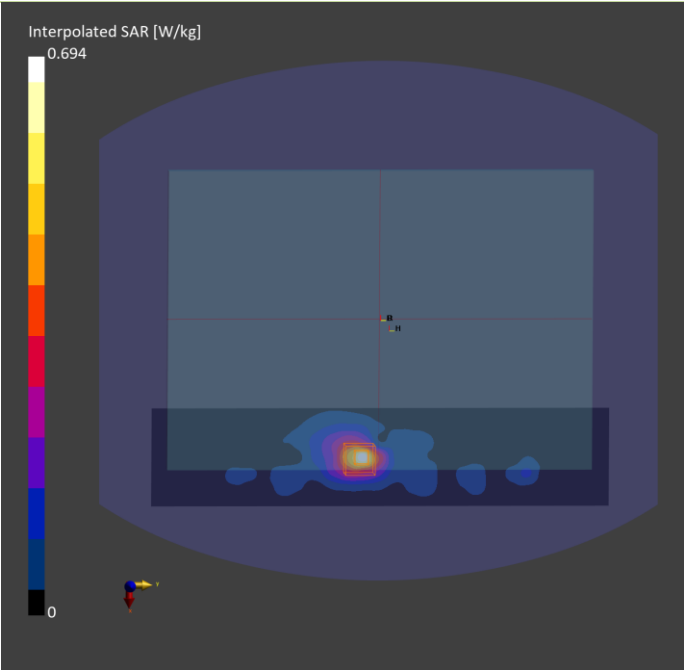
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H33T50N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

#### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 72.0 x 336.0 | 30.0 x 30.0 x 28.0 |
| Grid Steps [mm]     | 12.0 x 12.0  | 5.0 x 5.0 x 2.5    |
| Sensor Surface [mm] | 3.0          | 1.4                |

#### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]     | 0.483      | 0.501      |
| psSAR10g [W/kg]    | 0.196      | 0.198      |
| Power Drift [dB]   | -0.04      | -0.03      |
| M2/M1 [%]          |            | 59.7       |
| Dist 3dB Peak [mm] |            | 8.6        |



# Plots of Measurement

Measurement Report  
P20 WLAN2.4G\_802.11n HT40\_Bottom of Laptop\_0mm\_Ch6\_Sample Speed\_Ant 0+1  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | WLAN 2.4GHz | WLAN, 10599-AAC | 2437.0, 6                       | 7.67              | 1.77                   | 40.8             |

## Hardware Setup

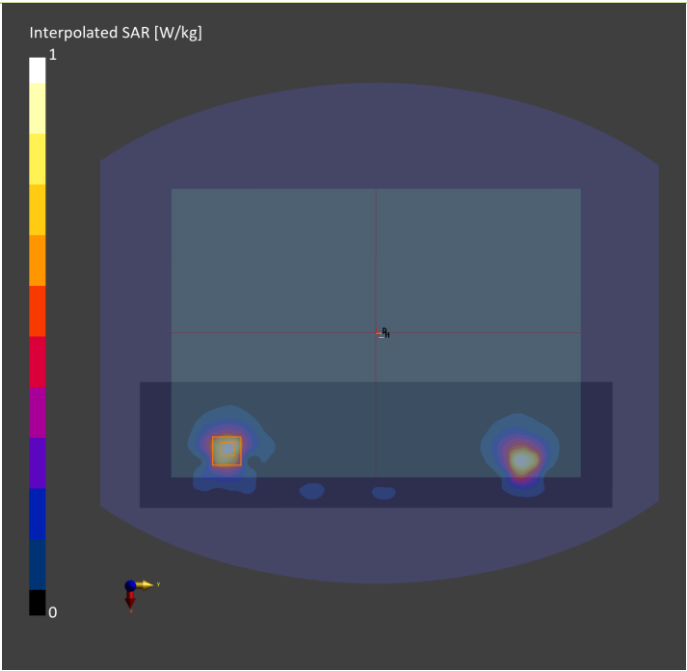
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H06T27N5 , 2023-Dec-05 | EX3DV4 - SN7555, 2023-07-19 | DAE4 Sn1585, 2023-07-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 96.0 x 360.0 | 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               | 2023-12-05 | 2023-12-05 |
| psSAR1g [W/kg]     | 0.795      | 0.818      |
| psSAR10g [W/kg]    | 0.387      | 0.366      |
| Power Drift [dB]   | 0.01       | -0.01      |
| M2/M1 [%]          |            | 52.1       |
| Dist 3dB Peak [mm] |            | 8.5        |



# Plots of Measurement

Measurement Report  
P21 WLAN5.3G\_802.11ac VHT160\_Bottom of Laptop\_0mm\_Ch50\_Sample Speed\_Ant 0+1  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | WLAN 5GHz | WLAN, 10554-AAE | 5250.000, 50                    | 5.67              | 4.53                   | 37.2             |

## Hardware Setup

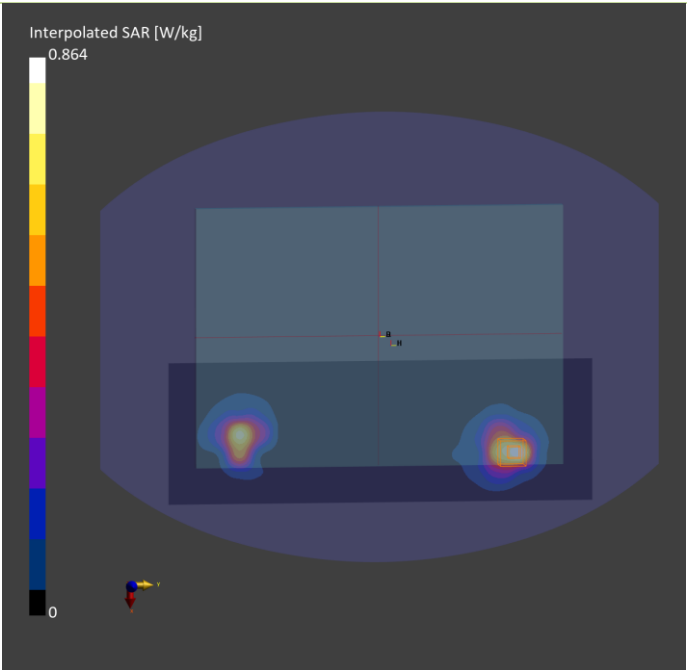
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H51T72N5 , 2023-Dec-06 | EX3DV4 - SN7555, 2023-07-19 | DAE4 Sn1585, 2023-07-14 |

## Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 100.0 x 360.0 | 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               | 2023-12-06 | 2023-12-06 |
| psSAR1g [W/kg]     | 0.644      | 0.807      |
| psSAR10g [W/kg]    | 0.269      | 0.236      |
| Power Drift [dB]   | -0.01      | -0.03      |
| M2/M1 [%]          |            | 64.1       |
| Dist 3dB Peak [mm] |            | 9.7        |



# Plots of Measurement

Measurement Report  
P22 WLAN5.6G\_802.11ac VHT160\_Bottom\_0mm\_Ch114\_Sample Speed\_Ant 0  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | WLAN 5GHz | WLAN, 10554-AAE | 5570.000, 114                   | 4.91              | 4.93                   | 36.3             |

## Hardware Setup

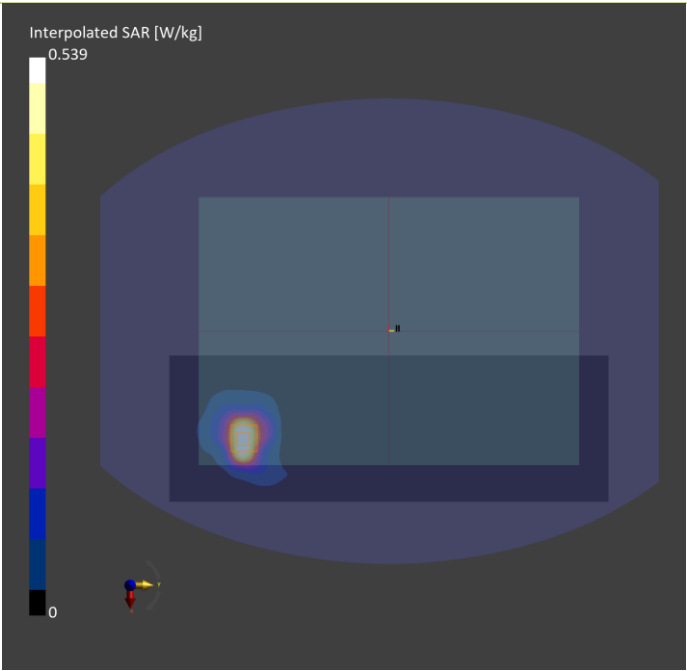
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H51T72N5 , 2023-Dec-06 | EX3DV4 - SN7555, 2023-07-19 | DAE4 Sn1585, 2023-07-14 |

## Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 100.0 x 360.0 | 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               | 2023-12-06 | 2023-12-06 |
| psSAR1g [W/kg]     | 0.418      | 0.726      |
| psSAR10g [W/kg]    | 0.174      | 0.247      |
| Power Drift [dB]   | 0.03       | -0.02      |
| M2/M1 [%]          |            | 62.2       |
| Dist 3dB Peak [mm] |            | 9.7        |



# Plots of Measurement

Measurement Report  
P23 WLAN5.8G\_802.11ac VHT80\_Bottom of Laptop\_0mm\_Ch155\_Sample Speed\_Ant 0+1  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | WLAN 5GHz | WLAN, 10544-AAD | 5775.000, 155                   | 5.16              | 5.18                   | 36.0             |

## Hardware Setup

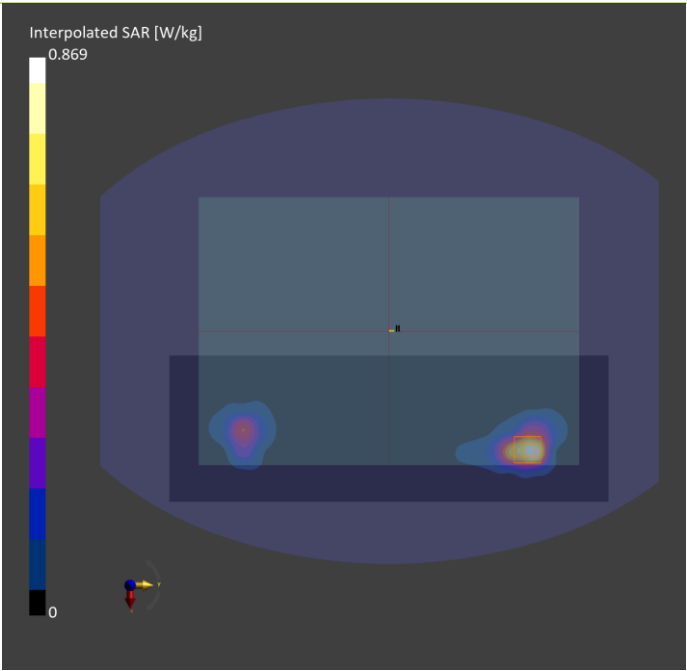
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H51T72N5 , 2023-Dec-06 | EX3DV4 - SN7555, 2023-07-19 | DAE4 Sn1585, 2023-07-14 |

## Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 100.0 x 360.0 | 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               | 2023-12-06 | 2023-12-06 |
| psSAR1g [W/kg]     | 0.643      | 0.783      |
| psSAR10g [W/kg]    | 0.261      | 0.269      |
| Power Drift [dB]   | -0.12      | 0.02       |
| M2/M1 [%]          |            | 61.0       |
| Dist 3dB Peak [mm] |            | 6.1        |



# Plots of Measurement

Measurement Report  
P24 WLAN5.9G\_802.11ac VHT160\_Bottom of Laptop\_0mm\_Ch163\_Sample Speed\_Ant 0+1  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | U-NII-3 Standalone | WLAN, 10554-AAE | 5815.000, 163                   | 5.16              | 5.21                   | 36.0             |

## Hardware Setup

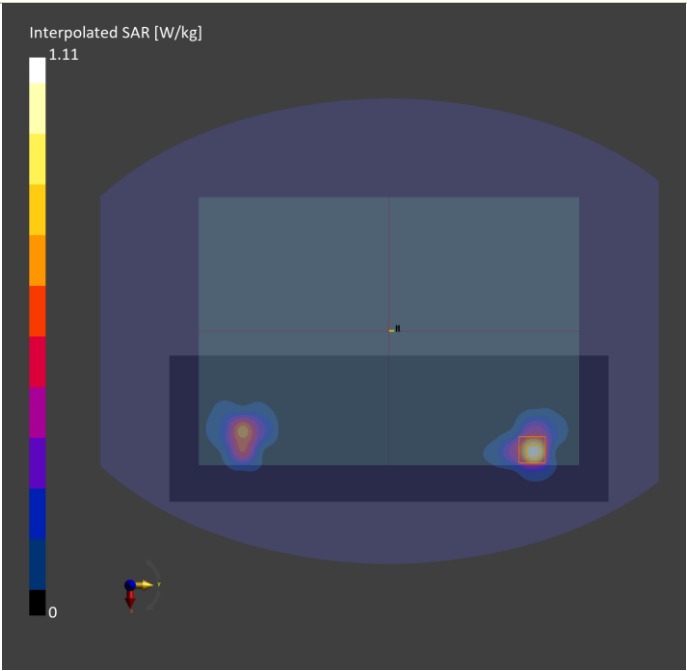
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H51T72N5 , 2023-Dec-06 | EX3DV4 - SN7555, 2023-07-19 | DAE4 Sn1585, 2023-07-14 |

## Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 100.0 x 360.0 | 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               | 2023-12-06 | 2023-12-06 |
| psSAR1g [W/kg]     | 0.768      | 0.806      |
| psSAR10g [W/kg]    | 0.284      | 0.284      |
| Power Drift [dB]   | -0.05      | 0.01       |
| M2/M1 [%]          |            | 59.1       |
| Dist 3dB Peak [mm] |            | 6.6        |



# Plots of Measurement

## Measurement Report

### P25 BT\_BDR\_Bottom of Laptop\_0mm\_Ch0\_Sample Speed\_Ant 1

#### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | ISM 2.4 GHz Band | Bluetooth, 10032-CAA | 2402.0, 0                       | 7.67              | 1.75                   | 40.9             |

#### Hardware Setup

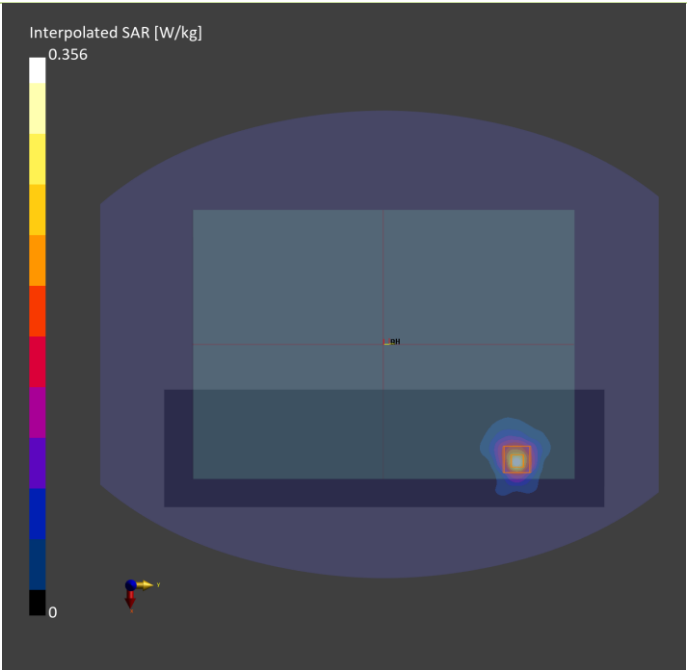
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H26T27N5 , 2023-Dec-05 | EX3DV4 - SN7555, 2023-07-19 | DAE4 Sn1585, 2023-07-14 |

#### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 96.0 x 360.0 | 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               | 2023-12-05 | 2023-12-05 |
| psSAR1g [W/kg]     | 0.108      | 0.118      |
| psSAR10g [W/kg]    | 0.047      | 0.058      |
| Power Drift [dB]   | -0.05      | -0.15      |
| M2/M1 [%]          |            | 50.0       |
| Dist 3dB Peak [mm] |            | 9.5        |



# Plots of Measurement

Measurement Report  
P26 UNII-5\_802.11be HE320\_Bottom of Laptop\_0mm\_Ch31\_Sample Speed\_Ant 0+1  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Bottom of Laptop, 0.00       | U-NII-5 | WLAN, 11026-AAC | 6105.000, 31                    | 5.52              | 5.54                   | 35.5             |

## Hardware Setup

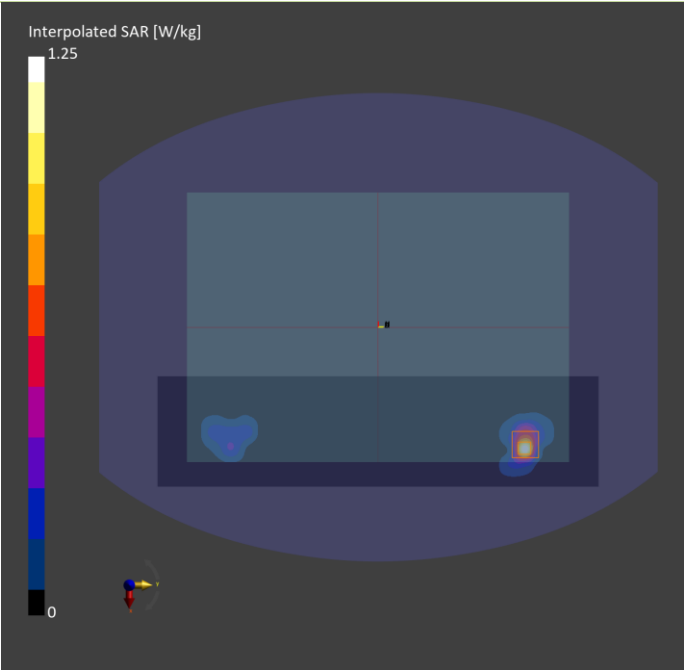
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H51T72N5 , 2023-Dec-06 | EX3DV4 - SN7555, 2023-07-19 | DAE4 Sn1585, 2023-07-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 90.0 x 360.0 | 22.0 x 22.0 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                      | 2023-12-06 | 2023-12-06 |
| psSAR1g [W/kg]            | 0.792      | 0.791      |
| psSAR10g [W/kg]           | 0.250      | 0.283      |
| psAPD (1.0cm2, sq) [W/m2] |            | 7.21       |
| psAPD (4.0cm2, sq) [W/m2] |            | 4.64       |
| Power Drift [dB]          | -0.03      | 0.03       |
| M2/M1 [%]                 |            | 55.2       |
| Dist 3dB Peak [mm]        |            | 6.3        |



Plots of Measurement

Measurement Report  
P26 UNII-5\_802.11be HE320\_Bottom of Laptop\_0mm\_Ch31\_Sample Speed\_Ant 0+1  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| , P23090601         | 312.0 x 220.0 x 10.0 |      | Laptop   |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band    | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|---------|-----------------|---------------------------------|-------------------|
| 5G Air          | Bottom of Laptop, 0.00       | U-NII-5 | WLAN, 11026-AAC | 6105.0, 31                      | 1.0               |

Hardware Setup

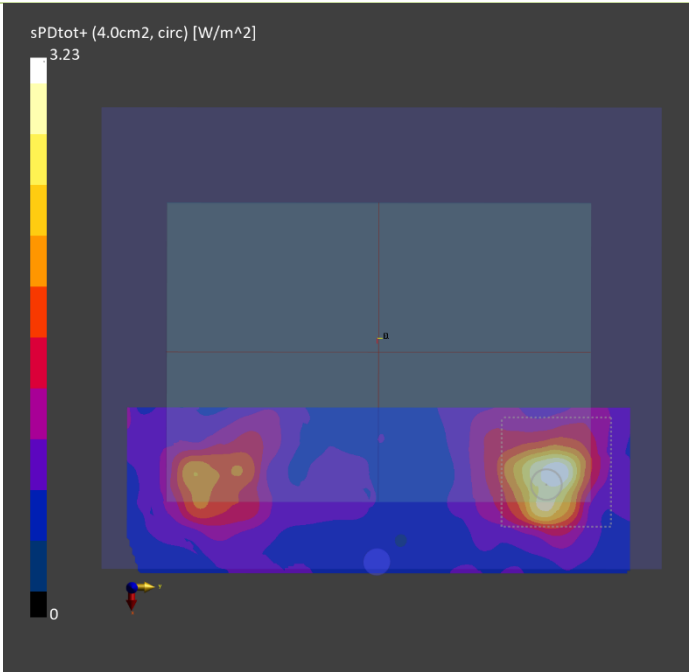
| Phantom      | Medium | Probe, Calibration Date               | DAE, Calibration Date   |
|--------------|--------|---------------------------------------|-------------------------|
| mmWave- 1030 | ---Air | EUmmWV4 - SN9615_F1-55GHz, 2023-07-10 | DAE4 Sn1589, 2023-05-24 |

Scan Setup

|                     | 5G Scan         |
|---------------------|-----------------|
| Grid Extents [mm]   | 98.0 x 98.0     |
| Grid Steps [lambda] | 0.0509 x 0.0509 |
| Sensor Surface [mm] | 2.0             |

Measurement Results

|                        | 5G Scan    |
|------------------------|------------|
| Date                   | 2023-12-06 |
| Avg. Area [cm²]        | 4.00       |
| psPDn+ [W/m²]          | 2.01       |
| psPDtot+ [W/m²]        | 3.23       |
| psPDmod+ [W/m²]        | 4.37       |
| E <sub>max</sub> [V/m] | 54.4       |
| Power Drift [dB]       | 0.09       |



# Plots of Measurement

Measurement Report  
P61 WCDMA II\_RMC12.2K\_Front Face of Keyboard\_0mm\_Ch9400\_Sample Speed\_Ant 0\_Power Reduction w\_o  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band 2 | WCDMA, 10011-CAC | 1880.000, 9400                  | 8.37              | 1.44                   | 40.3             |

## Hardware Setup

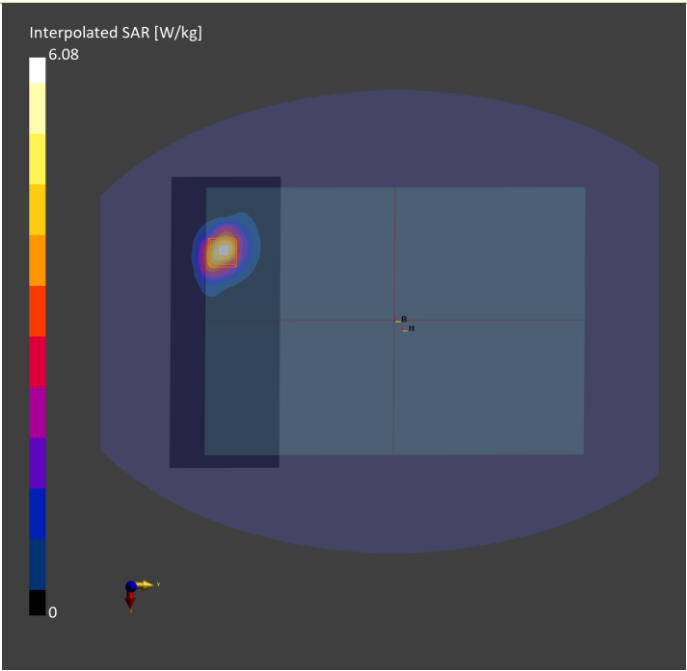
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-15 | 2023-12-15 |
| psSAR1g [W/kg]     | 4.81       | 5.34       |
| psSAR10g [W/kg]    | 2.56       | 2.68       |
| Power Drift [dB]   | 0.03       | -0.01      |
| M2/M1 [%]          |            | 50.0       |
| Dist 3dB Peak [mm] |            | 10.8       |



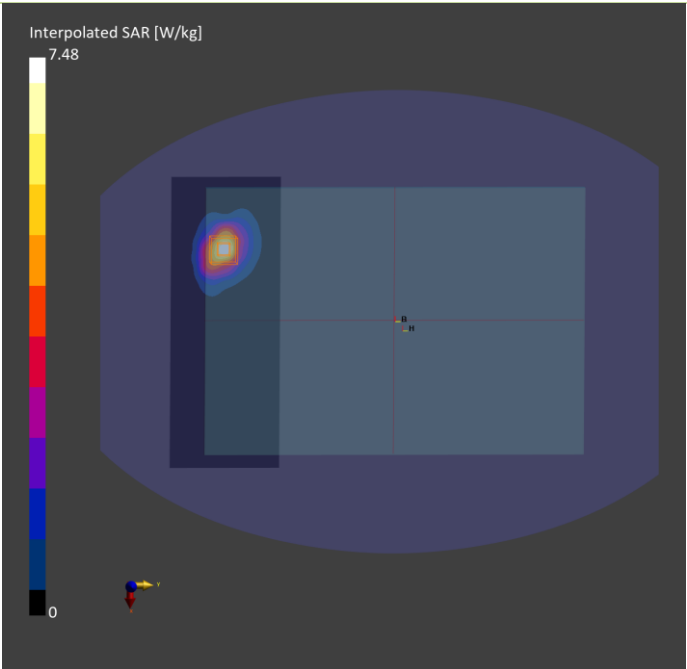
Plots of Measurement

|                                                                                                |                      |      |          |
|------------------------------------------------------------------------------------------------|----------------------|------|----------|
| Measurement Report                                                                             |                      |      |          |
| P62 WCDMA IV_RMC12.2K_Front Face of Keyboard_0mm_Ch1413_Sample Speed_Ant 0_Power Reduction w_o |                      |      |          |
| Device under Test Properties                                                                   |                      |      |          |
| Model, Manufacturer                                                                            | Dimensions [mm]      | IMEI | DUT Type |
| P23090601,                                                                                     | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band 4 | WCDMA, 10011-CAC | 1732.600, 1413                  | 9.0               | 1.35                   | 40.5             |

|                                    |                        |                             |                         |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| Hardware Setup                     |                        |                             |                         |
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

|                     |              |                     |                    |
|---------------------|--------------|---------------------|--------------------|
| Scan Setup          |              | Measurement Results |                    |
|                     | Area Scan    | Zoom Scan           |                    |
| Grid Extents [mm]   | 240.0 x 90.0 | 32.0 x 32.0 x 30.0  | Date               |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0     | 2023-12-15         |
| Sensor Surface [mm] | 3.0          | 1.4                 | 2023-12-15         |
|                     |              |                     | psSAR1g [W/kg]     |
|                     |              |                     | 5.95               |
|                     |              |                     | psSAR10g [W/kg]    |
|                     |              |                     | 3.20               |
|                     |              |                     | Power Drift [dB]   |
|                     |              |                     | 0.01               |
|                     |              |                     | M2/M1 [%]          |
|                     |              |                     | 50.6               |
|                     |              |                     | Dist 3dB Peak [mm] |
|                     |              |                     | 10.8               |



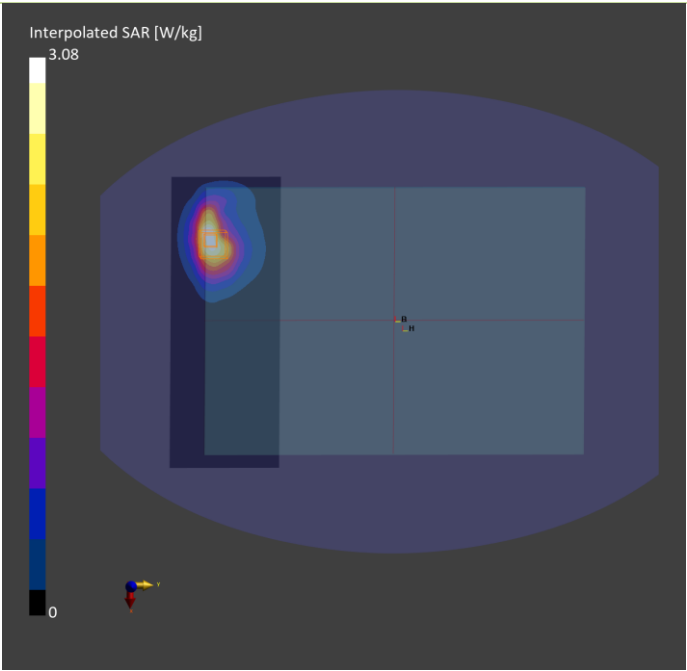
# Plots of Measurement

|                                                                                                                                                                          |                        |             |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------|-----------------|
| <b>Measurement Report</b><br><b>P63 WCDMA V_RMC12.2K_Front Face of Keyboard_0mm_Ch4132_Sample Speed_Ant 0_Power Reduction w_o</b><br><b>Device under Test Properties</b> |                        |             |                 |
| <b>Model, Manufacturer</b>                                                                                                                                               | <b>Dimensions [mm]</b> | <b>IMEI</b> | <b>DUT Type</b> |
| P23090601,                                                                                                                                                               | 312.0 x 220.0 x 10.0   |             | Laptop          |

|                             |                                     |             |                   |                                        |                          |                               |                         |
|-----------------------------|-------------------------------------|-------------|-------------------|----------------------------------------|--------------------------|-------------------------------|-------------------------|
| <b>Exposure Conditions</b>  |                                     |             |                   |                                        |                          |                               |                         |
| <b>Phantom Section, TSL</b> | <b>Position, Test Distance [mm]</b> | <b>Band</b> | <b>Group, UID</b> | <b>Frequency [MHz], Channel Number</b> | <b>Conversion Factor</b> | <b>TSL Conductivity [S/m]</b> | <b>TSL Permittivity</b> |
| Flat,                       | Front Face of Keyboard, 0.00        | Band 5      | WCDMA, 10011-CAC  | 826.400, 4132                          | 10.16                    | 0.921                         | 42.1                    |

|                                    |                           |                                |                              |
|------------------------------------|---------------------------|--------------------------------|------------------------------|
| <b>Hardware Setup</b>              |                           |                                |                              |
| <b>Phantom</b>                     | <b>TSL, Measured Date</b> | <b>Probe, Calibration Date</b> | <b>DAE, Calibration Date</b> |
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14    | EX3DV4 - SN7472, 2023-10-23    | DAE4 Sn1590, 2023-09-14      |

| Scan Setup          |              |                    | Measurement Results |            |            |
|---------------------|--------------|--------------------|---------------------|------------|------------|
|                     | Area Scan    | Zoom Scan          |                     | Area Scan  | Zoom Scan  |
| Grid Extents [mm]   | 240.0 x 90.0 | 32.0 x 32.0 x 30.0 | Date                | 2023-12-14 | 2023-12-14 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    | psSAR1g [W/kg]      | 2.61       | 2.73       |
| Sensor Surface [mm] | 3.0          | 1.4                | psSAR10g [W/kg]     | 1.63       | 1.50       |
|                     |              |                    | Power Drift [dB]    | 0.01       | -0.01      |
|                     |              |                    | M2/M1 [%]           |            | 52.4       |
|                     |              |                    | Dist 3dB Peak [mm]  |            | 9.8        |



# Plots of Measurement

Measurement Report  
P64 LTE 7\_QPSK20M\_Front Face of Keyboard\_0mm\_Ch20850\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w\_o  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band 7 | LTE-FDD, 10169-CAF | 2510.000, 20850                 | 7.61              | 1.90                   | 38.7             |

## Hardware Setup

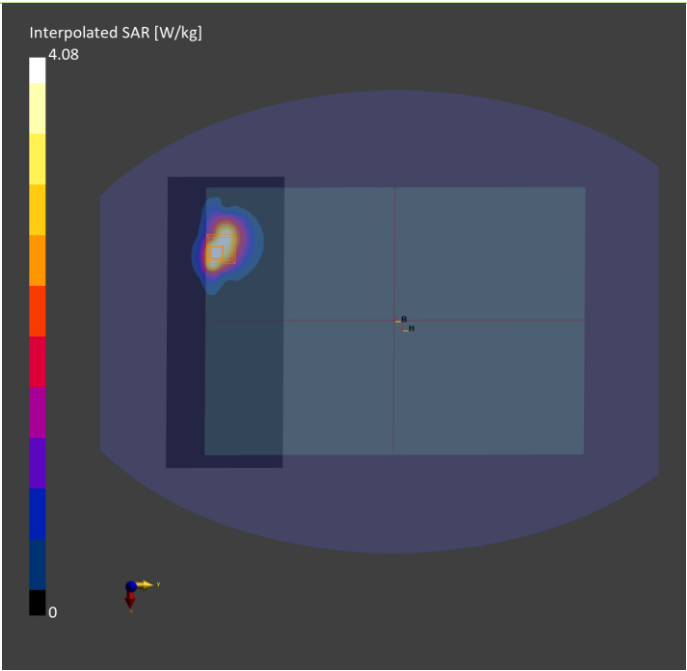
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 96.0 | 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               | 2023-12-14 | 2023-12-14 |
| psSAR1g [W/kg]     | 3.29       | 3.26       |
| psSAR10g [W/kg]    | 1.73       | 1.64       |
| Power Drift [dB]   | 0.02       | -0.03      |
| M2/M1 [%]          |            | 49.1       |
| Dist 3dB Peak [mm] |            | 10.9       |



# Plots of Measurement

## Measurement Report

P65 LTE 12\_QPSK10M\_Front Face of Keyboard\_0mm\_Ch23130\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w\_o Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band 12 | LTE-FDD, 10175-CAH | 711.000, 23130                  | 10.35             | 0.877                  | 40.0             |

## Hardware Setup

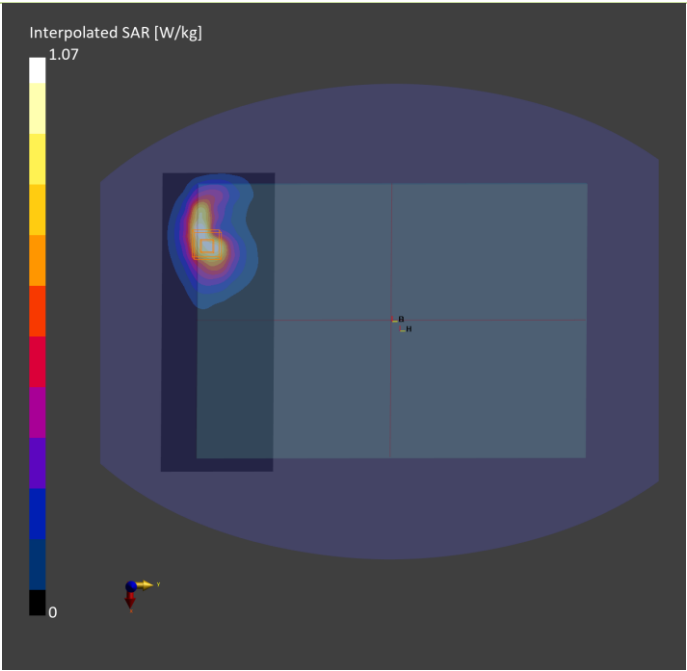
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-16 | 2023-12-16 |
| psSAR1g [W/kg]     | 0.888      | 0.976      |
| psSAR10g [W/kg]    | 0.571      | 0.521      |
| Power Drift [dB]   | -0.01      | -0.02      |
| M2/M1 [%]          |            | 53.0       |
| Dist 3dB Peak [mm] |            | 10.3       |



Plots of Measurement

Measurement Report  
P66 LTE 13\_QPSK10M\_Front Face of Keyboard\_0mm\_Ch23230\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w\_o  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band 13 | LTE-FDD, 10175-CAH | 782.000, 23230                  | 10.35             | 0.900                  | 39.8             |

Hardware Setup

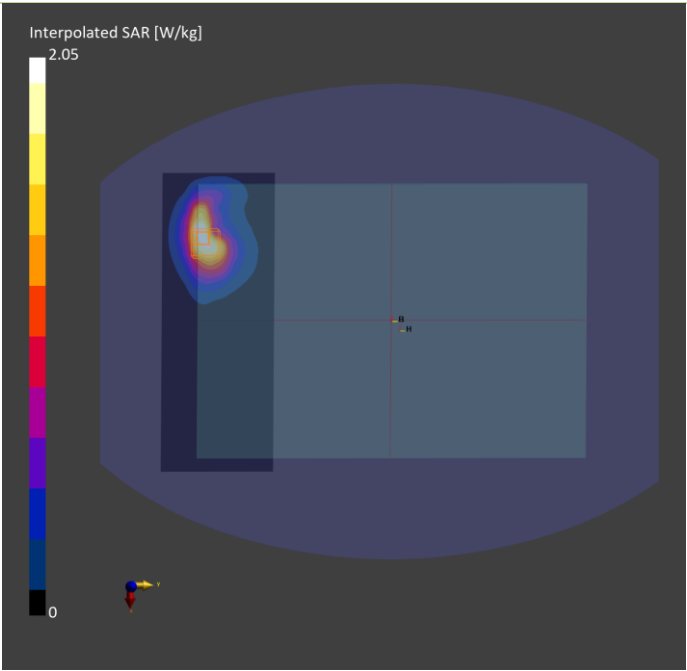
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-16 | 2023-12-16 |
| psSAR1g [W/kg]     | 1.72       | 1.84       |
| psSAR10g [W/kg]    | 1.08       | 0.997      |
| Power Drift [dB]   | 0.00       | 0.01       |
| M2/M1 [%]          |            | 52.8       |
| Dist 3dB Peak [mm] |            | 11.2       |



Plots of Measurement

Measurement Report  
P67 LTE 14\_QPSK10M\_Front Face of Keyboard\_0mm\_Ch23330\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w\_o Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band 14 | LTE-FDD, 10175-CAH | 793.000, 23330                  | 10.35             | 0.904                  | 39.8             |

Hardware Setup

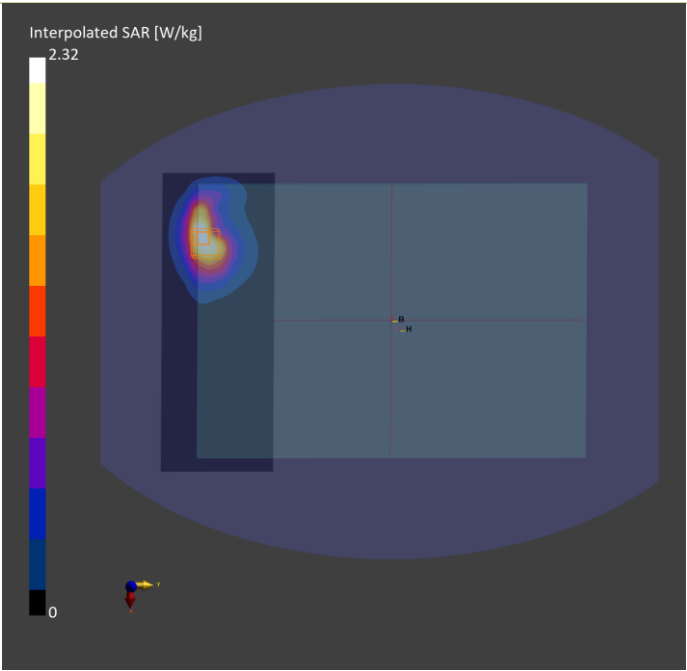
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-16 | 2023-12-16 |
| psSAR1g [W/kg]     | 1.95       | 2.07       |
| psSAR10g [W/kg]    | 1.23       | 1.12       |
| Power Drift [dB]   | 0.00       | 0.01       |
| M2/M1 [%]          |            | 53.1       |
| Dist 3dB Peak [mm] |            | 11.2       |



## Plots of Measurement

### Measurement Report

P68 LTE 25\_QPSK20M\_Front Face of Keyboard\_0mm\_Ch26140\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w\_o Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band 25 | LTE-FDD, 10169-CAF | 1860.000, 26140                 | 8.37              | 1.43                   | 40.3             |

### Hardware Setup

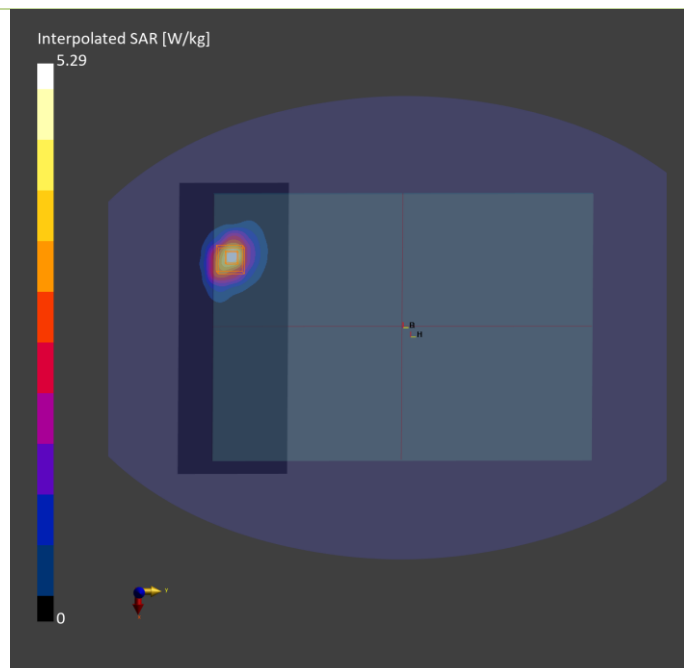
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-15 | 2023-12-15 |
| psSAR1g [W/kg]     | 4.18       | 4.60       |
| psSAR10g [W/kg]    | 2.22       | 2.31       |
| Power Drift [dB]   | 0.00       | 0.03       |
| M2/M1 [%]          |            | 50.0       |
| Dist 3dB Peak [mm] |            | 10.8       |



## Plots of Measurement

### Measurement Report

P69 LTE 26\_QPSK15M\_Front Face of Keyboard\_0mm\_Ch26965\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w\_o Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band 26 | LTE-FDD, 10181-CAF | 841.500, 26965                  | 10.16             | 0.928                  | 42.1             |

### Hardware Setup

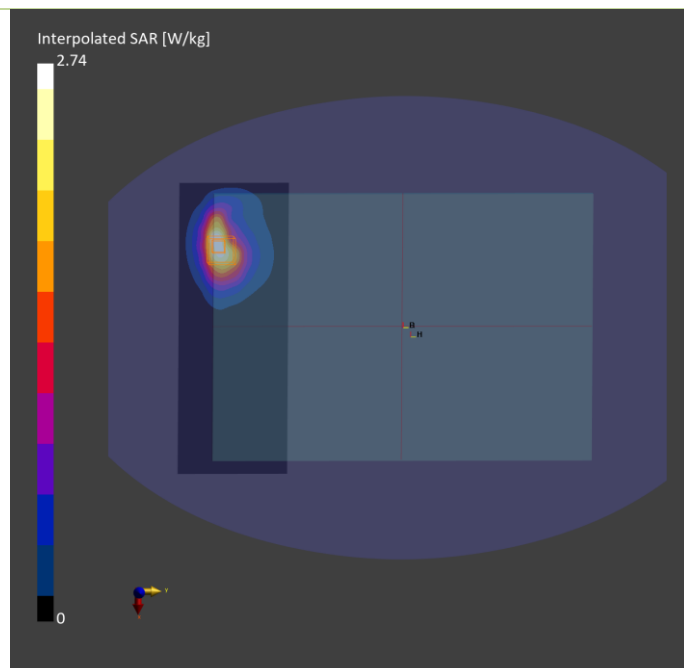
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-14 | 2023-12-14 |
| psSAR1g [W/kg]     | 2.33       | 2.42       |
| psSAR10g [W/kg]    | 1.45       | 1.32       |
| Power Drift [dB]   | 0.00       | -0.01      |
| M2/M1 [%]          |            | 52.0       |
| Dist 3dB Peak [mm] |            | 9.6        |



## Plots of Measurement

Measurement Report  
P70 LTE 30\_QPSK10M\_Front Face of Keyboard\_0mm\_Ch27710\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w\_o  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band 30 | LTE-FDD, 10175-CAH | 2310.000, 27710                 | 8.12              | 1.72                   | 37.0             |

Hardware Setup

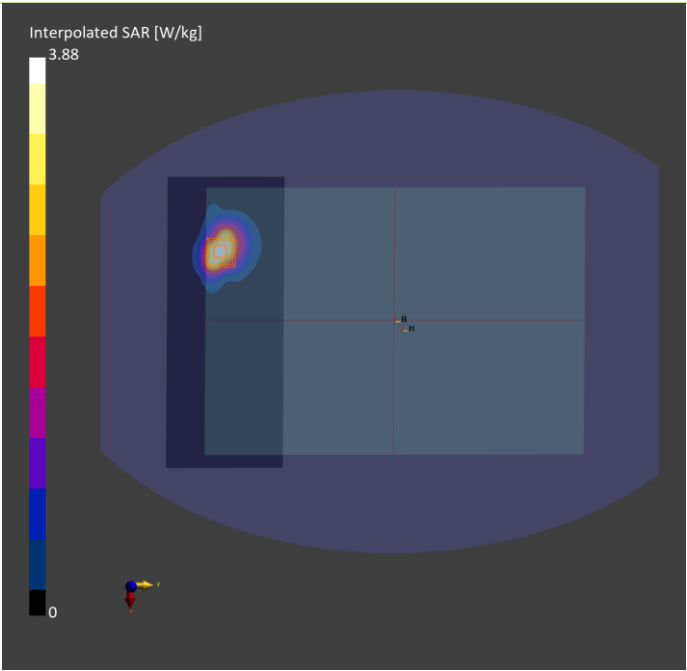
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 96.0 | 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               | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]     | 3.17       | 3.30       |
| psSAR10g [W/kg]    | 1.66       | 1.62       |
| Power Drift [dB]   | 0.01       | 0.01       |
| M2/M1 [%]          |            | 47.3       |
| Dist 3dB Peak [mm] |            | 9.9        |



# Plots of Measurement

Measurement Report  
P71 LTE 38\_QPSK20M\_Front Face of Keyboard\_0mm\_Ch38000\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w\_o  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band 38 | LTE-TDD, 10172-CAH | 2595.000, 38000                 | 7.61              | 1.96                   | 38.5             |

## Hardware Setup

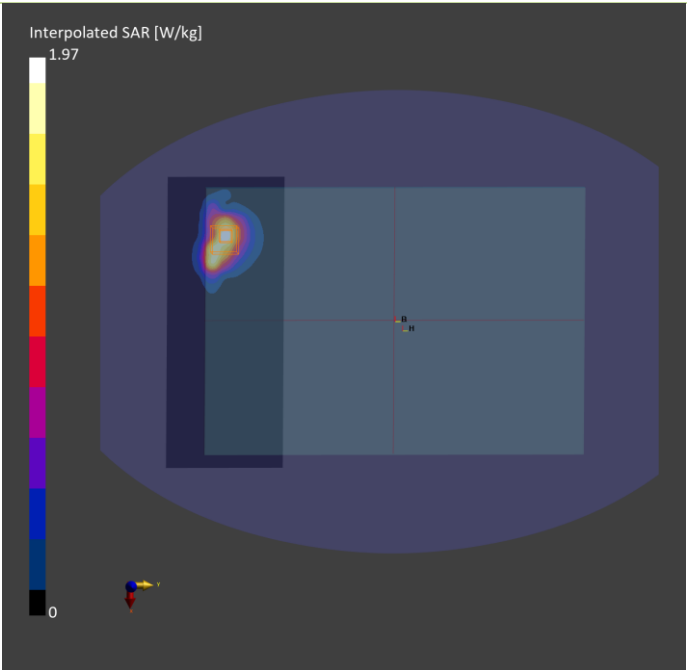
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 96.0 | 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               | 2023-12-14 | 2023-12-14 |
| psSAR1g [W/kg]     | 1.50       | 1.57       |
| psSAR10g [W/kg]    | 0.765      | 0.752      |
| Power Drift [dB]   | 0.02       | -0.04      |
| M2/M1 [%]          |            | 48.8       |
| Dist 3dB Peak [mm] |            | 10.0       |



# Plots of Measurement

Measurement Report  
P72 LTE 66\_QPSK20M\_Front Face of Keyboard\_0mm\_Ch132072\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w\_o  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band 66 | LTE-FDD, 10169-CAF | 1720.000, 132072                | 9.0               | 1.34                   | 40.6             |

## Hardware Setup

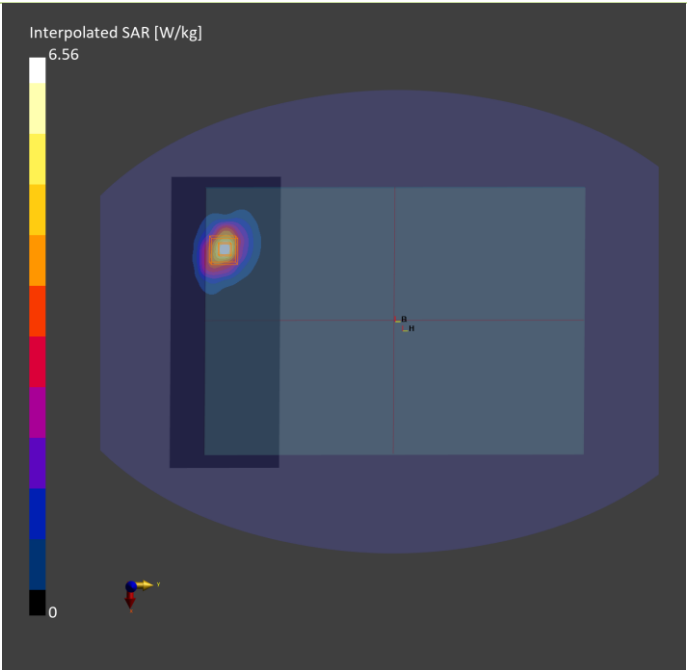
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-15 | 2023-12-15 |
| psSAR1g [W/kg]     | 5.20       | 5.60       |
| psSAR10g [W/kg]    | 2.77       | 2.84       |
| Power Drift [dB]   | 0.00       | -0.01      |
| M2/M1 [%]          |            | 50.2       |
| Dist 3dB Peak [mm] |            | 9.6        |



# Plots of Measurement

Measurement Report  
P73 LTE 71\_QPSK20M\_Front Face of Keyboard\_0mm\_Ch133372\_1RB\_OS0\_Sample Speed\_Ant 0\_Power Reduction w\_o  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band 71 | LTE-FDD, 10169-CAF | 688.000, 133372                 | 10.35             | 0.870                  | 40.0             |

## Hardware Setup

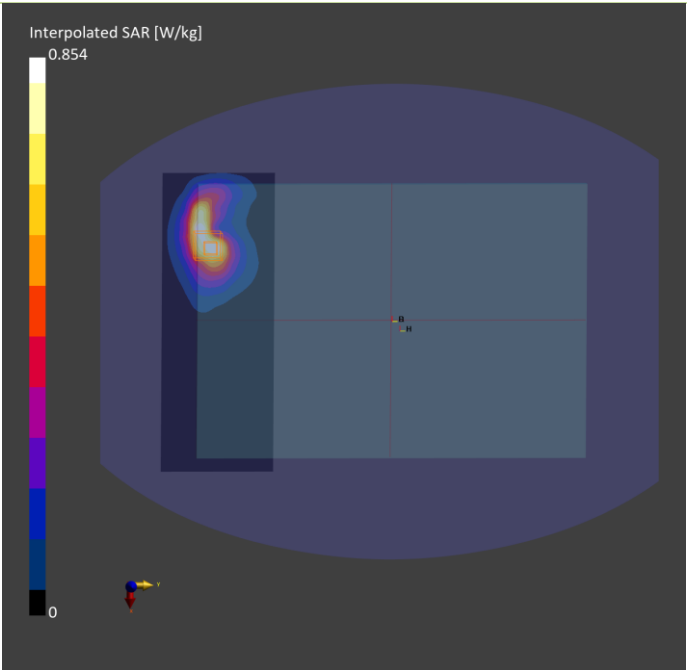
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-16 | 2023-12-16 |
| psSAR1g [W/kg]     | 0.720      | 0.787      |
| psSAR10g [W/kg]    | 0.460      | 0.415      |
| Power Drift [dB]   | -0.01      | -0.03      |
| M2/M1 [%]          |            | 54.3       |
| Dist 3dB Peak [mm] |            | 10.3       |



# Plots of Measurement

Measurement Report  
P74 5GNR-n2\_DFT-s QPSK20M\_Front Face of Keyboard\_0mm\_Ch376000\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w\_o  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band n2 | 5G NR FR1 FDD, 10931-AAC | 1880.000, 376000                | 8.37              | 1.44                   | 40.3             |

## Hardware Setup

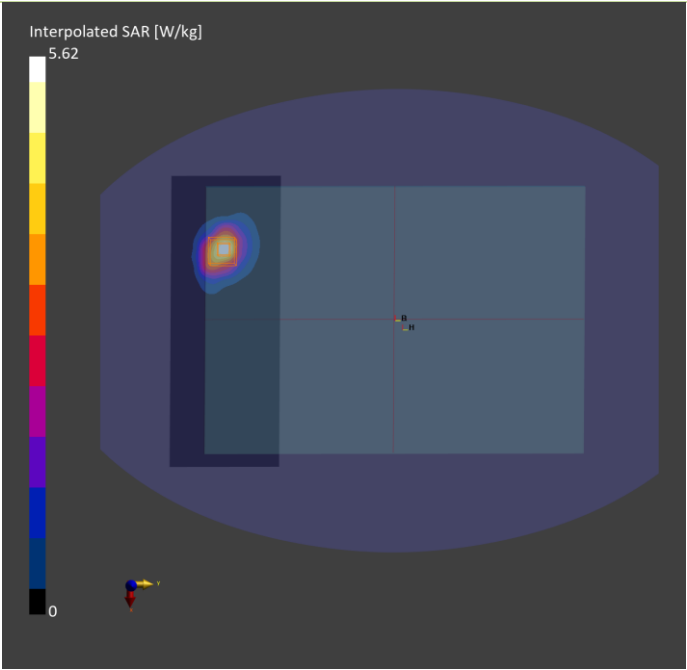
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-15 | 2023-12-15 |
| psSAR1g [W/kg]     | 4.43       | 4.88       |
| psSAR10g [W/kg]    | 2.34       | 2.45       |
| Power Drift [dB]   | 0.01       | -0.02      |
| M2/M1 [%]          |            | 49.7       |
| Dist 3dB Peak [mm] |            | 11.2       |



Plots of Measurement

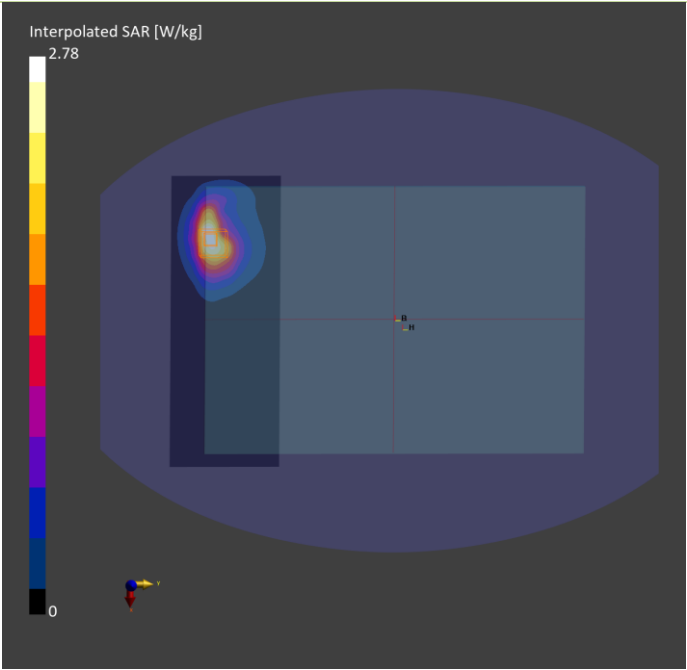
Measurement Report  
P75 5GNR-n5\_DFT-s QPSK20M\_Front Face of Keyboard\_0mm\_Ch166800\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w\_o

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | Laptop   |

| Phantom Section, TSL | Position, Test Distance [mm] | Band    | Group, UID               | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Front Face of Keyboard, 0.00 | Band n5 | 5G NR FR1 FDD, 10931-AAC | 834.000, 166800                 | 10.16             | 0.925                  | 42.1             |

| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

| Scan Setup          | Area Scan    | Zoom Scan          | Measurement Results | Area Scan  | Zoom Scan  |
|---------------------|--------------|--------------------|---------------------|------------|------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 32.0 x 32.0 x 30.0 | Date                | 2023-12-14 | 2023-12-14 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    | psSAR1g [W/kg]      | 2.35       | 2.47       |
| Sensor Surface [mm] | 3.0          | 1.4                | psSAR10g [W/kg]     | 1.46       | 1.35       |
|                     |              |                    | Power Drift [dB]    | 0.01       | -0.01      |
|                     |              |                    | M2/M1 [%]           |            | 52.1       |
|                     |              |                    | Dist 3dB Peak [mm]  |            | 9.8        |



# Plots of Measurement

Measurement Report  
P76 5GNR-n7\_DFT-s QPSK40M\_Front Face of Keyboard\_0mm\_Ch504000\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w\_o  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band n7 | 5G NR FR1 FDD, 10934-AAC | 2520.000, 504000                | 7.61              | 1.91                   | 38.7             |

## Hardware Setup

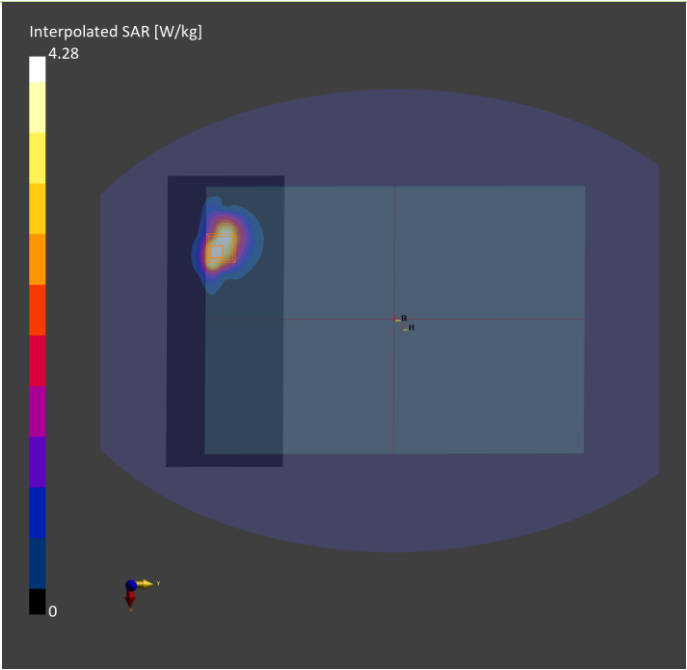
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 96.0 | 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               | 2023-12-14 | 2023-12-14 |
| psSAR1g [W/kg]     | 3.45       | 3.55       |
| psSAR10g [W/kg]    | 1.81       | 1.75       |
| Power Drift [dB]   | 0.05       | -0.01      |
| M2/M1 [%]          |            | 80.5       |
| Dist 3dB Peak [mm] |            | 9.1        |



Plots of Measurement

Measurement Report  
P77 5GNR-n12\_DFT-s QPSK15M\_Front Face of Keyboard\_0mm\_Ch141500\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w\_o  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band n12 | 5G NR FR1 FDD, 10930-AAC | 707.500, 141500                 | 10.35             | 0.876                  | 40.0             |

Hardware Setup

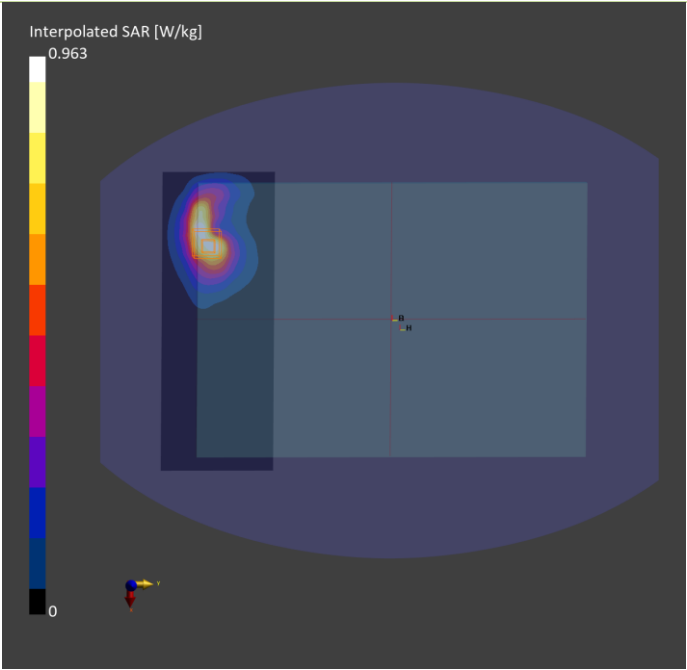
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-16 | 2023-12-16 |
| psSAR1g [W/kg]     | 0.802      | 0.876      |
| psSAR10g [W/kg]    | 0.515      | 0.467      |
| Power Drift [dB]   | -0.01      | -0.01      |
| M2/M1 [%]          |            | 53.0       |
| Dist 3dB Peak [mm] |            | 10.3       |



## Plots of Measurement

### Measurement Report

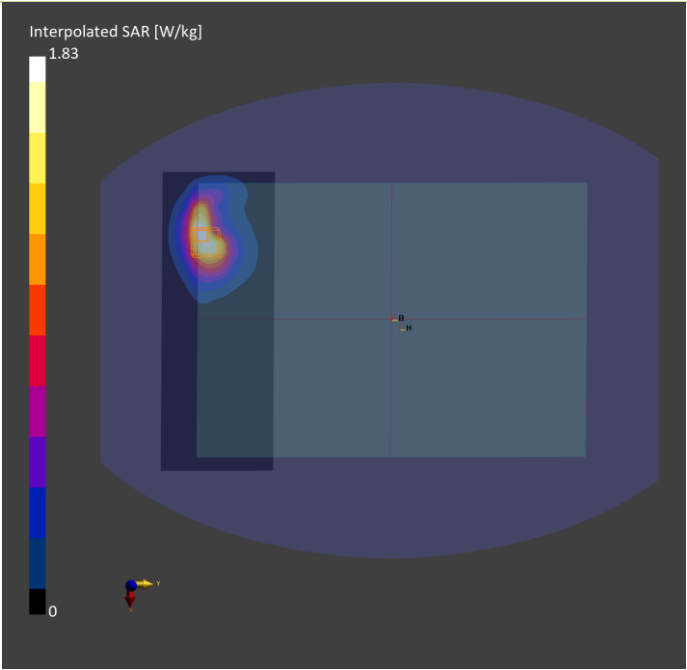
P78 5GNR-n13\_DFT-s QPSK10M\_Front Face of Keyboard\_0mm\_Ch156400\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w\_o

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | Laptop   |

| Phantom Section, TSL | Position, Test Distance [mm] | Band     | Group, UID               | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Front Face of Keyboard, 0.00 | Band n13 | 5G NR FR1 FDD, 10929-AAD | 782.000, 156400                 | 10.35             | 0.900                  | 39.8             |

| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

| Scan Setup          | Area Scan    | Zoom Scan          | Measurement Results | Area Scan  | Zoom Scan  |
|---------------------|--------------|--------------------|---------------------|------------|------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 32.0 x 32.0 x 30.0 | Date                | 2023-12-16 | 2023-12-16 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    | psSAR1g [W/kg]      | 1.53       | 1.63       |
| Sensor Surface [mm] | 3.0          | 1.4                | psSAR10g [W/kg]     | 0.964      | 0.886      |
|                     |              |                    | Power Drift [dB]    | -0.01      | -0.01      |
|                     |              |                    | M2/M1 [%]           |            | 53.2       |
|                     |              |                    | Dist 3dB Peak [mm]  |            | 11.2       |



## Plots of Measurement

### Measurement Report

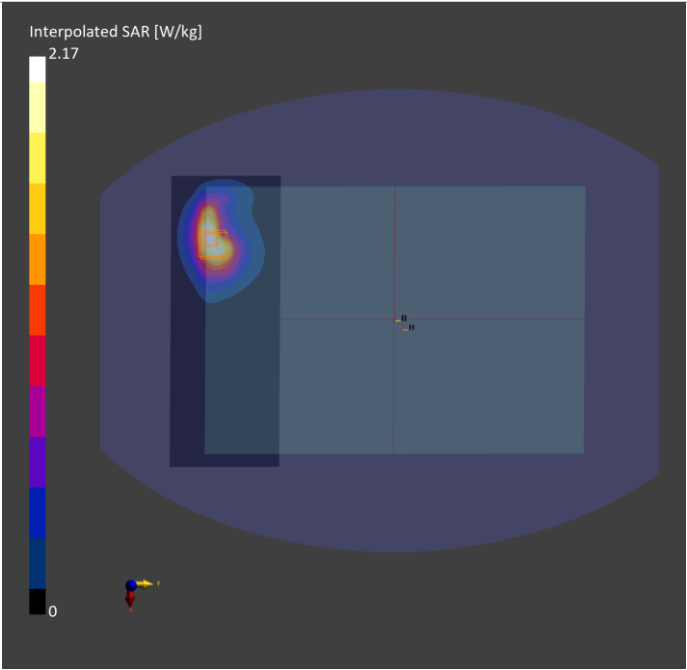
P79 5GNR-n14\_DFT-s QPSK10M\_Front Face of Keyboard\_0mm\_Ch158600\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w\_o

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | Laptop   |

| Phantom Section, TSL | Position, Test Distance [mm] | Band     | Group, UID               | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Front Face of Keyboard, 0.00 | Band n14 | 5G NR FR1 FDD, 10929-AAD | 793.000, 158600                 | 10.35             | 0.904                  | 39.8             |

| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

| Scan Setup          | Area Scan    | Zoom Scan          | Measurement Results | Area Scan  | Zoom Scan  |
|---------------------|--------------|--------------------|---------------------|------------|------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 32.0 x 32.0 x 30.0 | Date                | 2023-12-16 | 2023-12-16 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    | psSAR1g [W/kg]      | 1.82       | 1.95       |
| Sensor Surface [mm] | 3.0          | 1.4                | psSAR10g [W/kg]     | 1.15       | 1.06       |
|                     |              |                    | Power Drift [dB]    | -0.01      | 0.00       |
|                     |              |                    | M2/M1 [%]           |            | 53.1       |
|                     |              |                    | Dist 3dB Peak [mm]  |            | 11.2       |



# Plots of Measurement

Measurement Report  
P80 5GNR-n25\_DFT-s QPSK40M\_Front Face of Keyboard\_0mm\_Ch374000\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w\_o  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band n25 | 5G NR FR1 FDD, 10934-AAC C | 1870.000, 374000                | 8.37              | 1.44                   | 40.3             |

## Hardware Setup

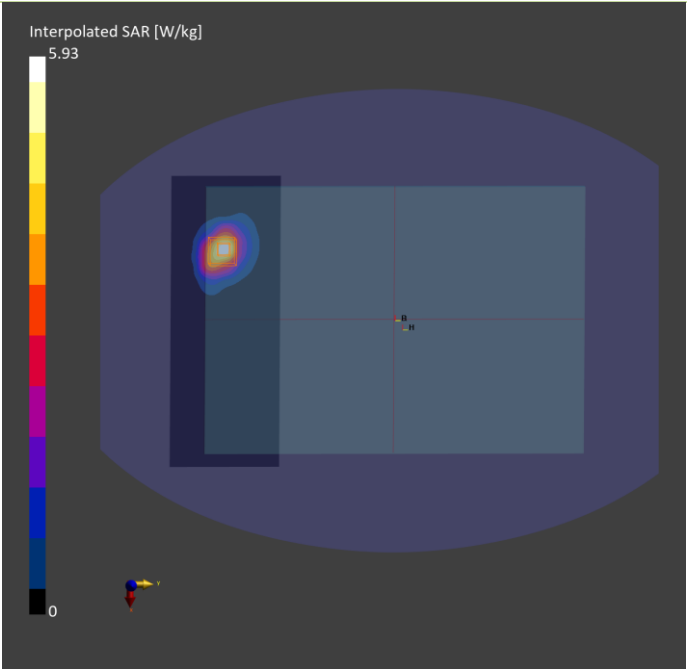
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 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                |

## Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2023-12-15 | 2023-12-15 |
| psSAR1g [W/kg]     | 4.69       | 5.17       |
| psSAR10g [W/kg]    | 2.49       | 2.59       |
| Power Drift [dB]   | 0.02       | 0.04       |
| M2/M1 [%]          |            | 49.9       |
| Dist 3dB Peak [mm] |            | 11.2       |



Plots of Measurement

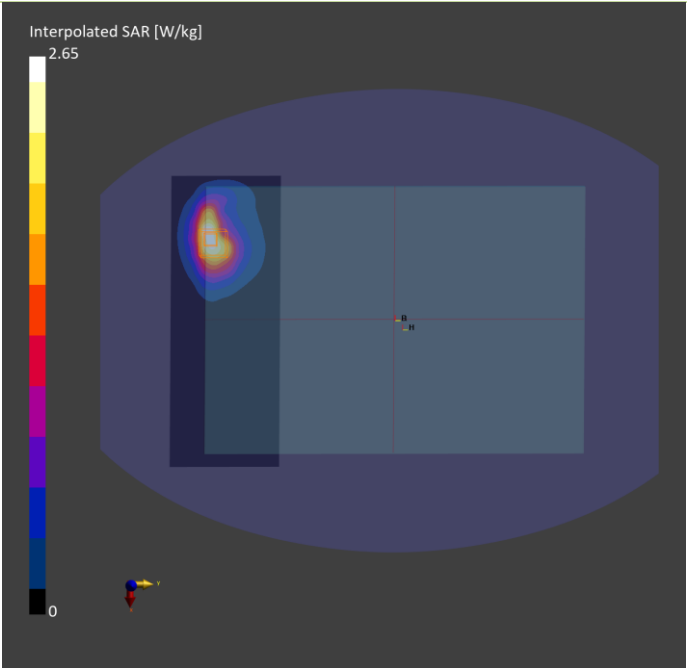
Measurement Report  
P81 5GNR-n26\_DFT-s QPSK20M\_Front Face of Keyboard\_0mm\_Ch166300\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w\_o

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | Laptop   |

| Phantom Section, TSL | Position, Test Distance [mm] | Band     | Group, UID               | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Front Face of Keyboard, 0.00 | Band n26 | 5G NR FR1 FDD, 10931-AAC | 831.500, 166300                 | 10.16             | 0.924                  | 42.1             |

| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

| Scan Setup          | Area Scan    | Zoom Scan          | Measurement Results | Area Scan  | Zoom Scan  |
|---------------------|--------------|--------------------|---------------------|------------|------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 32.0 x 32.0 x 30.0 | Date                | 2023-12-14 | 2023-12-14 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    | psSAR1g [W/kg]      | 2.24       | 2.38       |
| Sensor Surface [mm] | 3.0          | 1.4                | psSAR10g [W/kg]     | 1.39       | 1.30       |
|                     |              |                    | Power Drift [dB]    | 0.07       | 0.09       |
|                     |              |                    | M2/M1 [%]           |            | 52.1       |
|                     |              |                    | Dist 3dB Peak [mm]  |            | 10.2       |



## Plots of Measurement

### Measurement Report

P82 5GNR-n30\_DFT-s QPSK10M\_Front Face of Keyboard\_0mm\_Ch462000\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w\_o

#### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band n30 | 5G NR FR1 FDD, 10929-AAD | 2310.000, 462000                | 8.12              | 1.72                   | 37.0             |

#### Hardware Setup

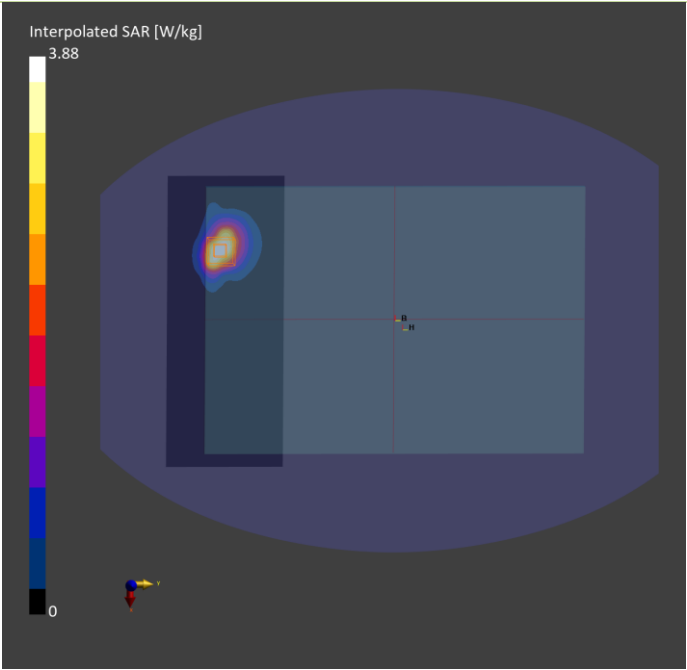
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-13 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

#### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 96.0 | 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               | 2023-12-13 | 2023-12-13 |
| psSAR1g [W/kg]     | 3.18       | 3.33       |
| psSAR10g [W/kg]    | 1.66       | 1.63       |
| Power Drift [dB]   | -0.02      | -0.03      |
| M2/M1 [%]          |            | 47.4       |
| Dist 3dB Peak [mm] |            | 9.9        |



# Plots of Measurement

Measurement Report  
P83 5GNR-n38\_DFT-s QPSK40M\_Front Face of Keyboard\_0mm\_Ch518000\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w\_o  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | 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,                | Front Face of Keyboard, 0.00 | Band n38 | 5G NR FR1 TDD, 10903-AAD | 2590.000, 518000                | 7.61              | 1.96                   | 38.6             |

## Hardware Setup

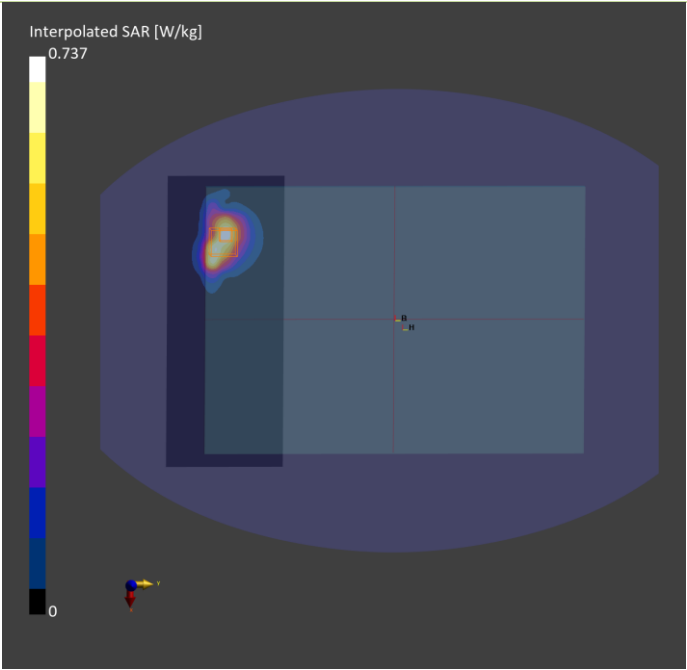
| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-14 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 240.0 x 96.0 | 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               | 2023-12-14 | 2023-12-14 |
| psSAR1g [W/kg]     | 0.559      | 0.579      |
| psSAR10g [W/kg]    | 0.289      | 0.284      |
| Power Drift [dB]   | 0.00       | 0.01       |
| M2/M1 [%]          |            | 51.1       |
| Dist 3dB Peak [mm] |            | 11.0       |



Plots of Measurement

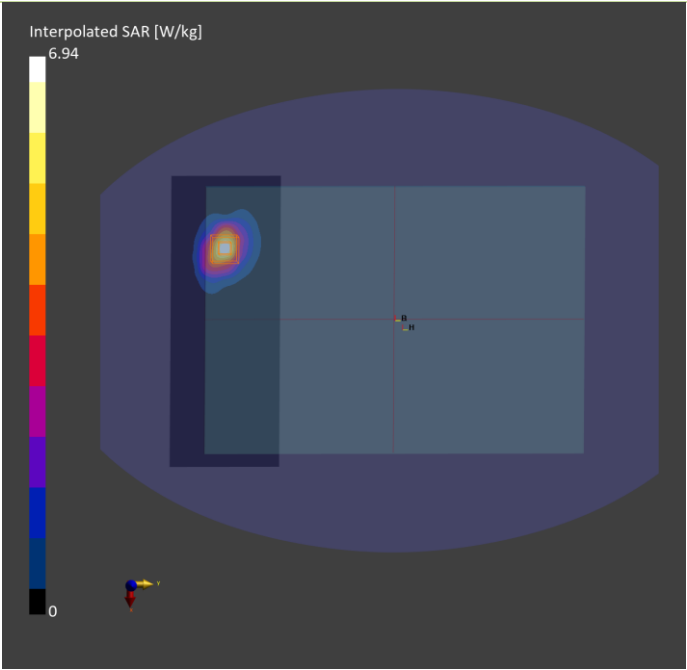
Measurement Report  
P85 5GNR-n66\_DFT-s QPSK40M\_Front Face of Keyboard\_0mm\_Ch346000\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w\_o

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | Laptop   |

| Phantom Section, TSL | Position, Test Distance [mm] | Band     | Group, UID               | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Front Face of Keyboard, 0.00 | Band n66 | 5G NR FR1 FDD, 10934-AAC | 1730.000, 346000                | 9.0               | 1.35                   | 40.6             |

| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

| Scan Setup          | Area Scan    | Zoom Scan          | Measurement Results | Area Scan  | Zoom Scan  |
|---------------------|--------------|--------------------|---------------------|------------|------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 32.0 x 32.0 x 30.0 | Date                | 2023-12-15 | 2023-12-15 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    | psSAR1g [W/kg]      | 5.48       | 5.83       |
| Sensor Surface [mm] | 3.0          | 1.4                | psSAR10g [W/kg]     | 2.91       | 2.96       |
|                     |              |                    | Power Drift [dB]    | 0.03       | 0.01       |
|                     |              |                    | M2/M1 [%]           |            | 50.3       |
|                     |              |                    | Dist 3dB Peak [mm]  |            | 10.8       |



Plots of Measurement

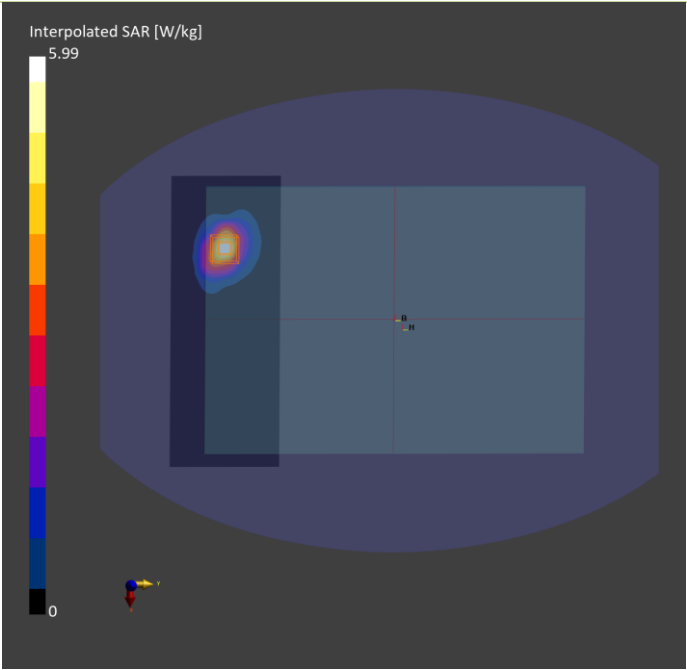
Measurement Report  
P86 5GNR-n70\_DFT-s QPSK15M\_Front Face of Keyboard\_0mm\_Ch340500\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w\_o

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | Laptop   |

| Phantom Section, TSL | Position, Test Distance [mm] | Band     | Group, UID               | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Front Face of Keyboard, 0.00 | Band n70 | 5G NR FR1 FDD, 10930-AAC | 1702.500, 340500                | 9.0               | 1.33                   | 40.6             |

| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-15 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

| Scan Setup          | Area Scan    | Zoom Scan          | Measurement Results | Area Scan  | Zoom Scan  |
|---------------------|--------------|--------------------|---------------------|------------|------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 32.0 x 32.0 x 30.0 | Date                | 2023-12-15 | 2023-12-15 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    | psSAR1g [W/kg]      | 4.74       | 5.03       |
| Sensor Surface [mm] | 3.0          | 1.4                | psSAR10g [W/kg]     | 2.52       | 2.57       |
|                     |              |                    | Power Drift [dB]    | 0.01       | 0.11       |
|                     |              |                    | M2/M1 [%]           |            | 50.5       |
|                     |              |                    | Dist 3dB Peak [mm]  |            | 10.8       |



Plots of Measurement

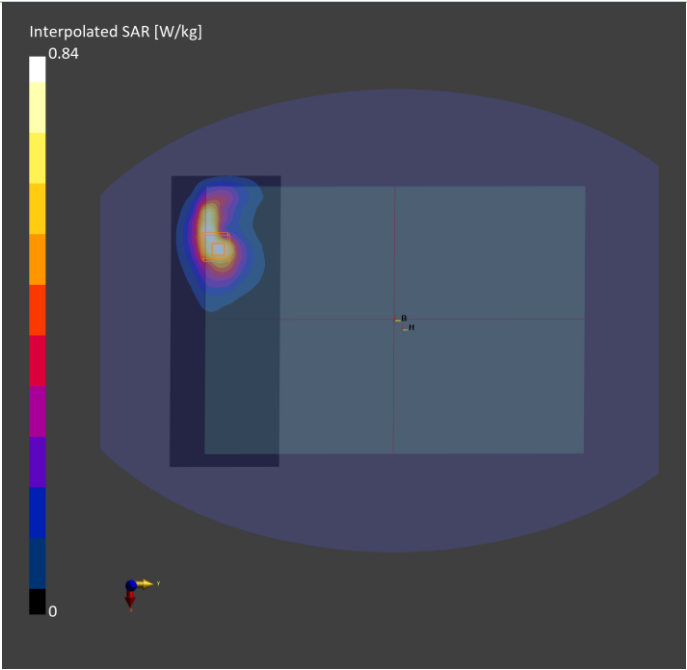
Measurement Report  
P87 5GNR-n71\_DFT-s QPSK30M\_Front Face of Keyboard\_0mm\_Ch136600\_1RB\_OS1\_Sample Speed\_Ant 0\_Power Reduction w\_o

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P23090601,          | 312.0 x 220.0 x 10.0 |      | Laptop   |

| Phantom Section, TSL | Position, Test Distance [mm] | Band     | Group, UID               | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Front Face of Keyboard, 0.00 | Band n71 | 5G NR FR1 FDD, 10933-AAC | 683.000, 136600                 | 10.35             | 0.868                  | 40.1             |

| Phantom                            | TSL, Measured Date     | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|------------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H06T27N9 , 2023-Dec-16 | EX3DV4 - SN7472, 2023-10-23 | DAE4 Sn1590, 2023-09-14 |

| Scan Setup          | Area Scan    | Zoom Scan          | Measurement Results | Area Scan  | Zoom Scan  |
|---------------------|--------------|--------------------|---------------------|------------|------------|
| Grid Extents [mm]   | 240.0 x 90.0 | 32.0 x 32.0 x 30.0 | Date                | 2023-12-16 | 2023-12-16 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    | psSAR1g [W/kg]      | 0.714      | 0.771      |
| Sensor Surface [mm] | 3.0          | 1.4                | psSAR10g [W/kg]     | 0.456      | 0.407      |
|                     |              |                    | Power Drift [dB]    | 0.02       | -0.04      |
|                     |              |                    | M2/M1 [%]           |            | 52.8       |
|                     |              |                    | Dist 3dB Peak [mm]  |            | 10.3       |



## Appendix C. Tissue & System Verification

The measuring results for tissue simulating liquid and system check are shown as below.

Note:

1. For Section 4.3, the dielectric properties of the tissue simulating liquid have been measured within 24 hours before the SAR testing and within  $\pm 10$  % of the target values. Liquid temperature during the SAR testing has kept within  $\pm 2$  °C.
2. For Section 4.4, The SAR measurement system was validated according to procedures in FCC KDB 865664 D0. The validation status in tabulated summary is as below.
3. For Section 4.5, Comparing to the reference SAR value provided by SPEAG in dipole calibration certificate, the deviation of system check results is within its specification of 10 %. The result indicates the system check can meet the variation criterion and the plots please refer to Appendix A of this report.

| Tissue Verification |                 |                   |                  |                                |                           |                                         |                            |                                          | Validation for CW |                 |                | Validation for Modulation |             |      | Date          | System Check    |                        |                        |                          |               | Note       |           |         |                    |
|---------------------|-----------------|-------------------|------------------|--------------------------------|---------------------------|-----------------------------------------|----------------------------|------------------------------------------|-------------------|-----------------|----------------|---------------------------|-------------|------|---------------|-----------------|------------------------|------------------------|--------------------------|---------------|------------|-----------|---------|--------------------|
| Plot No.            | Frequency (MHz) | Liquid Temp. (°C) | Conductivity (σ) | Permittivity (ε <sub>r</sub> ) | Targeted Conductivity (σ) | Targeted Permittivity (ε <sub>r</sub> ) | Deviation Conductivity (σ) | Deviation Permittivity (ε <sub>r</sub> ) | Sensitivity Range | Probe Linearity | Probe Isotropy | Modulation Type           | Duty Factor | PAR  |               | Frequency (MHz) | Targeted 1g SAR (W/kg) | Measured 1g SAR (W/kg) | Normalized 1g SAR (W/kg) | Deviation (%) | Dipole S/N | Probe S/N | DAE S/N | Output Power (dBm) |
| S01                 | 1900            | 22.8              | 1.47             | 41.5                           | 1.4                       | 40                                      | 5.00                       | 3.75                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 07, 2023 | 1900            | 39.30                  | 1.98                   | 39.51                    | 0.52          | 5d036      | 7472      | 1590    | 17                 |
| S02                 | 1750            | 22.8              | 1.39             | 41.7                           | 1.37                      | 40.1                                    | 1.46                       | 3.99                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 07, 2023 | 1750            | 36.30                  | 1.73                   | 34.52                    | -4.91         | 1055       | 7472      | 1590    | 17                 |
| S03                 | 835             | 22.8              | 0.967            | 43.5                           | 0.9                       | 41.5                                    | 7.44                       | 4.82                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 07, 2023 | 835             | 9.72                   | 0.523                  | 10.44                    | 7.36          | 4d121      | 7472      | 1590    | 17                 |
| S04                 | 2600            | 22.7              | 1.89             | 39.4                           | 1.96                      | 39                                      | -3.57                      | 1.03                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 09, 2023 | 2600            | 55.90                  | 2.59                   | 51.68                    | -7.55         | 1020       | 7472      | 1590    | 17                 |
| S05                 | 750             | 22.9              | 0.96             | 43.2                           | 0.9                       | 42                                      | 6.67                       | 2.86                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 08, 2023 | 750             | 8.56                   | 0.442                  | 8.82                     | 3.03          | 1013       | 7472      | 1590    | 17                 |
| S06                 | 750             | 22.9              | 0.96             | 43.2                           | 0.9                       | 42                                      | 6.67                       | 2.86                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 08, 2023 | 750             | 8.56                   | 0.442                  | 8.82                     | 3.03          | 1013       | 7472      | 1590    | 17                 |
| S07                 | 750             | 22.9              | 0.96             | 43.2                           | 0.9                       | 42                                      | 6.67                       | 2.86                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 08, 2023 | 750             | 8.56                   | 0.442                  | 8.82                     | 3.03          | 1013       | 7472      | 1590    | 17                 |
| S08                 | 1900            | 22.8              | 1.47             | 41.5                           | 1.4                       | 40                                      | 5.00                       | 3.75                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 07, 2023 | 1900            | 39.30                  | 1.98                   | 39.51                    | 0.52          | 5d036      | 7472      | 1590    | 17                 |
| S09                 | 835             | 21.7              | 0.871            | 45                             | 0.9                       | 41.5                                    | -3.22                      | 8.43                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 10, 2023 | 835             | 9.72                   | 0.489                  | 9.76                     | 0.38          | 4d121      | 7472      | 1590    | 17                 |
| S10                 | 2300            | 22.8              | 1.74             | 41                             | 1.67                      | 39.5                                    | 4.19                       | 3.80                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 07, 2023 | 2300            | 48.70                  | 2.52                   | 50.28                    | 3.25          | 1004       | 7472      | 1590    | 17                 |
| S11                 | 2600            | 22.8              | 1.96             | 40.6                           | 1.96                      | 39                                      | 0.00                       | 4.10                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 07, 2023 | 2600            | 55.90                  | 2.73                   | 54.47                    | -2.56         | 1020       | 7472      | 1590    | 17                 |
| S12                 | 2600            | 22.7              | 1.89             | 39.4                           | 1.96                      | 39                                      | -3.57                      | 1.03                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 09, 2023 | 2600            | 55.90                  | 2.59                   | 51.68                    | -7.55         | 1020       | 7472      | 1590    | 17                 |
| S56                 | 3500            | 21.6              | 2.81             | 39.2                           | 2.91                      | 37.9                                    | -3.44                      | 3.43                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Jan. 31, 2024 | 3500            | 66.80                  | 3.43                   | 68.44                    | 2.45          | 1007       | 7797      | 1589    | 17                 |
| S57                 | 3700            | 21.6              | 3                | 38.9                           | 3.12                      | 37.7                                    | -3.85                      | 3.18                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Jan. 31, 2024 | 3700            | 65.10                  | 3.48                   | 69.44                    | 6.66          | 1017       | 7797      | 1589    | 17                 |
| S13a                | 3500            | 21.7              | 2.75             | 37.9                           | 2.91                      | 37.9                                    | -5.50                      | 0.00                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 10, 2023 | 3500            | 66.80                  | 3.02                   | 60.26                    | -9.80         | 1007       | 7472      | 1590    | 17                 |
| S13b                | 3700            | 21.7              | 2.92             | 37.6                           | 3.12                      | 37.7                                    | -6.41                      | -0.27                                    | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 10, 2023 | 3700            | 65.10                  | 3.45                   | 68.84                    | 5.74          | 1017       | 7472      | 1590    | 17                 |
| S14                 | 1750            | 22.9              | 1.4              | 41.3                           | 1.37                      | 40.1                                    | 2.19                       | 2.99                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 08, 2023 | 1750            | 36.30                  | 1.73                   | 34.52                    | -4.91         | 1055       | 7472      | 1590    | 17                 |
| S15                 | 750             | 22.9              | 0.96             | 43.2                           | 0.9                       | 42                                      | 6.67                       | 2.86                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 08, 2023 | 750             | 8.56                   | 0.442                  | 8.82                     | 3.03          | 1013       | 7472      | 1590    | 17                 |
| S16                 | 1900            | 22.4              | 1.45             | 42.5                           | 1.4                       | 40                                      | 3.57                       | 6.25                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 11, 2023 | 1900            | 39.30                  | 1.92                   | 38.31                    | -2.52         | 5d036      | 7472      | 1590    | 17                 |
| S17                 | 835             | 22.4              | 0.938            | 44.6                           | 0.9                       | 41.5                                    | 4.22                       | 7.47                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 11, 2023 | 835             | 9.72                   | 0.48                   | 9.58                     | -1.47         | 4d121      | 7472      | 1590    | 17                 |
| S18                 | 2600            | 22.7              | 1.89             | 39.4                           | 1.96                      | 39                                      | -3.57                      | 1.03                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 09, 2023 | 2600            | 55.90                  | 2.59                   | 51.68                    | -7.55         | 1020       | 7472      | 1590    | 17                 |
| S41                 | 750             | 22.7              | 0.914            | 41.3                           | 0.9                       | 42                                      | 1.56                       | -1.67                                    | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 12, 2023 | 750             | 8.56                   | 0.433                  | 8.64                     | 0.93          | 1013       | 7472      | 1590    | 17                 |
| S42                 | 750             | 22.7              | 0.914            | 41.3                           | 0.9                       | 42                                      | 1.56                       | -1.67                                    | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 12, 2023 | 750             | 8.56                   | 0.433                  | 8.64                     | 0.93          | 1013       | 7472      | 1590    | 17                 |
| S43                 | 750             | 22.7              | 0.914            | 41.3                           | 0.9                       | 42                                      | 1.56                       | -1.67                                    | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 12, 2023 | 750             | 8.56                   | 0.433                  | 8.64                     | 0.93          | 1013       | 7472      | 1590    | 17                 |
| S19                 | 1900            | 22.4              | 1.45             | 42.5                           | 1.4                       | 40                                      | 3.57                       | 6.25                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 11, 2023 | 1900            | 39.30                  | 1.92                   | 38.31                    | -2.52         | 5d036      | 7472      | 1590    | 17                 |
| S44                 | 835             | 22.4              | 0.938            | 44.6                           | 0.9                       | 41.5                                    | 4.22                       | 7.47                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 11, 2023 | 835             | 9.72                   | 0.48                   | 9.58                     | -1.47         | 4d121      | 7472      | 1590    | 17                 |
| S50                 | 2300            | 22.7              | 1.69             | 38.8                           | 1.67                      | 39.5                                    | 1.20                       | -1.77                                    | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 12, 2023 | 2300            | 48.70                  | 2.44                   | 48.68                    | -0.03         | 1004       | 7472      | 1590    | 17                 |
| S51                 | 2600            | 22.7              | 1.89             | 39.4                           | 1.96                      | 39                                      | -3.57                      | 1.03                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 09, 2023 | 2600            | 55.90                  | 2.59                   | 51.68                    | -7.55         | 1020       | 7472      | 1590    | 17                 |
| S52                 | 2600            | 21.6              | 1.93             | 36.5                           | 1.96                      | 39                                      | -1.53                      | -6.41                                    | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 13, 2023 | 2600            | 55.90                  | 2.76                   | 55.07                    | -1.49         | 1020       | 7472      | 1590    | 17                 |
| S46a                | 3500            | 21.6              | 2.76             | 39.9                           | 2.91                      | 37.9                                    | -5.15                      | 5.28                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 13, 2023 | 3500            | 66.80                  | 3.43                   | 68.44                    | 2.45          | 1007       | 7472      | 1590    | 17                 |
| S46b                | 3700            | 21.6              | 2.95             | 39.6                           | 3.12                      | 37.7                                    | -5.45                      | 5.04                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 13, 2023 | 3700            | 65.10                  | 3.2                    | 63.85                    | -1.92         | 1017       | 7472      | 1590    | 17                 |
| S30                 | 1750            | 22.4              | 1.36             | 42.7                           | 1.37                      | 40.1                                    | -0.73                      | 6.48                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 11, 2023 | 1750            | 36.30                  | 1.75                   | 34.92                    | -3.81         | 1055       | 7472      | 1590    | 17                 |
| S47                 | 1750            | 22.4              | 1.36             | 42.7                           | 1.37                      | 40.1                                    | -0.73                      | 6.48                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 11, 2023 | 1750            | 36.30                  | 1.75                   | 34.92                    | -3.81         | 1055       | 7472      | 1590    | 17                 |
| S53                 | 750             | 22.9              | 0.96             | 43.2                           | 0.9                       | 42                                      | 6.67                       | 2.86                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 08, 2023 | 750             | 8.56                   | 0.442                  | 8.82                     | 3.03          | 1013       | 7472      | 1590    | 17                 |
| S54a                | 3500            | 21.6              | 2.76             | 39.9                           | 2.91                      | 37.9                                    | -5.15                      | 5.28                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 13, 2023 | 3500            | 66.80                  | 3.43                   | 68.44                    | 2.45          | 1007       | 7472      | 1590    | 17                 |
| S54b                | 3700            | 21.6              | 2.95             | 39.6                           | 3.12                      | 37.7                                    | -5.45                      | 5.04                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 13, 2023 | 3700            | 65.10                  | 3.2                    | 63.85                    | -1.92         | 1017       | 7472      | 1590    | 17                 |
| S54c                | 3900            | 21.6              | 3.15             | 39.3                           | 3.32                      | 37.5                                    | -5.12                      | 4.80                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 13, 2023 | 3900            | 70.50                  | 3.37                   | 67.24                    | -4.62         | 1020       | 7472      | 1590    | 17                 |
| S55a                | 3500            | 21.6              | 2.76             | 39.9                           | 2.91                      | 37.9                                    | -5.15                      | 5.28                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 13, 2023 | 3500            | 66.80                  | 3.43                   | 68.44                    | 2.45          | 1007       | 7472      | 1590    | 17                 |
| S55b                | 3700            | 21.6              | 2.95             | 39.6                           | 3.12                      | 37.7                                    | -5.45                      | 5.04                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A  | Dec. 13, 2023 | 3700            | 65.10                  | 3.2                    | 63.85                    | -1.92         | 1017       | 7472      | 1590    | 17                 |
| S20                 | 2450            | 21.8              | 1.78             | 40.8                           | 1.8                       | 39.2                                    | -1.11                      | 4.08                                     | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Dec. 05, 2023 | 2450            | 50.40                  | 2.29                   | 45.69                    | -9.34         | 737        | 7555      | 1585    | 17                 |
| S21                 | 5250            | 21.7              | 4.53             | 37.2                           | 4.71                      | 35.9                                    | -3.82                      | 3.62                                     | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Dec. 06, 2023 | 5250            | 80.10                  | 3.63                   | 72.43                    | -9.58         | 1019       | 7555      | 1585    | 17                 |
| S22                 | 5600            | 21.7              | 4.96             | 36.3                           | 5.07                      | 35.5                                    | -2.17                      | 2.25                                     | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Dec. 06, 2023 | 5600            | 83.00                  | 4.03                   | 80.41                    | -3.12         | 1019       | 7555      | 1585    | 17                 |
| S23                 | 5800            | 21.7              | 5.2              | 36                             | 5.27                      | 35.3                                    | -1.33                      | 1.98                                     | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Dec. 06, 2023 | 5800            | 80.20                  | 3.65                   | 72.83                    | -9.19         | 1019       | 7555      | 1585    | 17                 |
| S24                 | 5800            | 21.7              | 5.2              | 36                             | 5.27                      | 35.3                                    | -1.33                      | 1.98                                     | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Dec. 06, 2023 | 5800            | 80.20                  | 3.65                   | 72.83                    | -9.19         | 1019       | 7555      | 1585    | 17                 |
| S25                 | 2450            | 21.8              | 1.78             | 40.8                           | 1.8                       | 39.2                                    | -1.11                      | 4.08                                     | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Dec. 05, 2023 | 2450            | 50.40                  | 2.29                   | 45.69                    | -9.34         | 737        | 7555      | 1585    | 17                 |
| S26                 | 6500            | 21.7              | 6.02             | 34.8                           | 6.07                      | 34.5                                    | -0.82                      | 0.87                                     | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Dec. 06, 2023 | 6500            | 292.00                 | 28.6                   | 286.00                   | -2.05         | 1008       | 7555      | 1585    | 20                 |



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| Tissue Verification |                 |                   |                  |                                |                           |                                         |                            |                                          | Validation for CW |                 |                | Validation for Modulation |             |     |               | System Check    |                         |                         |                           |               | Note       |           |         |                    |
|---------------------|-----------------|-------------------|------------------|--------------------------------|---------------------------|-----------------------------------------|----------------------------|------------------------------------------|-------------------|-----------------|----------------|---------------------------|-------------|-----|---------------|-----------------|-------------------------|-------------------------|---------------------------|---------------|------------|-----------|---------|--------------------|
| Plot No.            | Frequency (MHz) | Liquid Temp. (°C) | Conductivity (σ) | Permittivity (ε <sub>r</sub> ) | Targeted Conductivity (σ) | Targeted Permittivity (ε <sub>r</sub> ) | Deviation Conductivity (σ) | Deviation Permittivity (ε <sub>r</sub> ) | Sensitivity Range | Probe Linearity | Probe Isotropy | Modulation Type           | Duty Factor | PAR | Date          | Frequency (MHz) | Targeted 10g SAR (W/kg) | Measured 10g SAR (W/kg) | Normalized 10g SAR (W/kg) | Deviation (%) | Dipole S/N | Probe S/N | DAE S/N | Output Power (dBm) |
| S61                 | 1900            | 22.4              | 1.45             | 40.3                           | 1.4                       | 40                                      | 3.57                       | 0.75                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 15, 2023 | 1900            | 20.50                   | 1.02                    | 20.35                     | -0.72         | 5d036      | 7472      | 1590    | 17                 |
| S62                 | 1750            | 22.4              | 1.36             | 40.5                           | 1.37                      | 40.1                                    | -0.73                      | 1.00                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 15, 2023 | 1750            | 19.20                   | 0.94                    | 18.76                     | -2.32         | 1055       | 7472      | 1590    | 17                 |
| S63                 | 835             | 22.1              | 0.925            | 42.1                           | 0.9                       | 41.5                                    | 2.78                       | 1.45                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 14, 2023 | 835             | 6.32                    | 0.316                   | 6.31                      | -0.24         | 4d121      | 7472      | 1590    | 17                 |
| S64                 | 2600            | 22.1              | 1.97             | 38.5                           | 1.96                      | 39                                      | 0.51                       | -1.28                                    | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 14, 2023 | 2600            | 25.50                   | 1.26                    | 25.14                     | -1.41         | 1020       | 7472      | 1590    | 17                 |
| S65                 | 750             | 22.3              | 0.901            | 42.6                           | 0.9                       | 42                                      | 0.11                       | 1.43                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 16, 2023 | 750             | 5.61                    | 0.273                   | 5.45                      | -2.90         | 1013       | 7472      | 1590    | 17                 |
| S66                 | 750             | 22.3              | 0.901            | 42.6                           | 0.9                       | 42                                      | 0.11                       | 1.43                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 16, 2023 | 750             | 5.61                    | 0.273                   | 5.45                      | -2.90         | 1013       | 7472      | 1590    | 17                 |
| S67                 | 750             | 22.3              | 0.901            | 42.6                           | 0.9                       | 42                                      | 0.11                       | 1.43                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 16, 2023 | 750             | 5.61                    | 0.273                   | 5.45                      | -2.90         | 1013       | 7472      | 1590    | 17                 |
| S68                 | 1900            | 22.4              | 1.45             | 40.3                           | 1.4                       | 40                                      | 3.57                       | 0.75                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 15, 2023 | 1900            | 20.50                   | 1.02                    | 20.35                     | -0.72         | 5d036      | 7472      | 1590    | 17                 |
| S69                 | 835             | 22.1              | 0.925            | 42.1                           | 0.9                       | 41.5                                    | 2.78                       | 1.45                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 14, 2023 | 835             | 6.32                    | 0.316                   | 6.31                      | -0.24         | 4d121      | 7472      | 1590    | 17                 |
| S70                 | 2300            | 21.6              | 1.71             | 37.1                           | 1.67                      | 39.5                                    | 2.40                       | -6.08                                    | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 13, 2023 | 2300            | 23.70                   | 1.14                    | 22.75                     | -4.03         | 1004       | 7472      | 1590    | 17                 |
| S71                 | 2600            | 22.1              | 1.97             | 38.5                           | 1.96                      | 39                                      | 0.51                       | -1.28                                    | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 14, 2023 | 2600            | 25.50                   | 1.26                    | 25.14                     | -1.41         | 1020       | 7472      | 1590    | 17                 |
| S72                 | 1750            | 22.4              | 1.36             | 40.5                           | 1.37                      | 40.1                                    | -0.73                      | 1.00                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 15, 2023 | 1750            | 19.20                   | 0.94                    | 18.76                     | -2.32         | 1055       | 7472      | 1590    | 17                 |
| S73                 | 750             | 22.3              | 0.901            | 42.6                           | 0.9                       | 42                                      | 0.11                       | 1.43                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 16, 2023 | 750             | 5.61                    | 0.273                   | 5.45                      | -2.90         | 1013       | 7472      | 1590    | 17                 |
| S74                 | 1900            | 22.4              | 1.45             | 40.3                           | 1.4                       | 40                                      | 3.57                       | 0.75                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 15, 2023 | 1900            | 20.50                   | 1.02                    | 20.35                     | -0.72         | 5d036      | 7472      | 1590    | 17                 |
| S75                 | 835             | 22.1              | 0.925            | 42.1                           | 0.9                       | 41.5                                    | 2.78                       | 1.45                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 14, 2023 | 835             | 6.32                    | 0.316                   | 6.31                      | -0.24         | 4d121      | 7472      | 1590    | 17                 |
| S76                 | 2600            | 22.1              | 1.97             | 38.5                           | 1.96                      | 39                                      | 0.51                       | -1.28                                    | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 14, 2023 | 2600            | 25.50                   | 1.26                    | 25.14                     | -1.41         | 1020       | 7472      | 1590    | 17                 |
| S77                 | 750             | 22.3              | 0.901            | 42.6                           | 0.9                       | 42                                      | 0.11                       | 1.43                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 16, 2023 | 750             | 5.61                    | 0.273                   | 5.45                      | -2.90         | 1013       | 7472      | 1590    | 17                 |
| S78                 | 750             | 22.3              | 0.901            | 42.6                           | 0.9                       | 42                                      | 0.11                       | 1.43                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 16, 2023 | 750             | 5.61                    | 0.273                   | 5.45                      | -2.90         | 1013       | 7472      | 1590    | 17                 |
| S79                 | 750             | 22.3              | 0.901            | 42.6                           | 0.9                       | 42                                      | 0.11                       | 1.43                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 16, 2023 | 750             | 5.61                    | 0.273                   | 5.45                      | -2.90         | 1013       | 7472      | 1590    | 17                 |
| S80                 | 1900            | 22.4              | 1.45             | 40.3                           | 1.4                       | 40                                      | 3.57                       | 0.75                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 15, 2023 | 1900            | 20.50                   | 1.02                    | 20.35                     | -0.72         | 5d036      | 7472      | 1590    | 17                 |
| S81                 | 835             | 22.1              | 0.925            | 42.1                           | 0.9                       | 41.5                                    | 2.78                       | 1.45                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 14, 2023 | 835             | 6.32                    | 0.316                   | 6.31                      | -0.24         | 4d121      | 7472      | 1590    | 17                 |
| S82                 | 2300            | 21.6              | 1.71             | 37.1                           | 1.67                      | 39.5                                    | 2.40                       | -6.08                                    | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 13, 2023 | 2300            | 23.70                   | 1.14                    | 22.75                     | -4.03         | 1004       | 7472      | 1590    | 17                 |
| S83                 | 2600            | 22.1              | 1.97             | 38.5                           | 1.96                      | 39                                      | 0.51                       | -1.28                                    | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 14, 2023 | 2600            | 25.50                   | 1.26                    | 25.14                     | -1.41         | 1020       | 7472      | 1590    | 17                 |
| S85                 | 1750            | 22.4              | 1.36             | 40.5                           | 1.37                      | 40.1                                    | -0.73                      | 1.00                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 15, 2023 | 1750            | 19.20                   | 0.94                    | 18.76                     | -2.32         | 1055       | 7472      | 1590    | 17                 |
| S86                 | 1750            | 22.4              | 1.36             | 40.5                           | 1.37                      | 40.1                                    | -0.73                      | 1.00                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 15, 2023 | 1750            | 19.20                   | 0.94                    | 18.76                     | -2.32         | 1055       | 7472      | 1590    | 17                 |
| S87                 | 750             | 22.3              | 0.901            | 42.6                           | 0.9                       | 42                                      | 0.11                       | 1.43                                     | Pass              | Pass            | Pass           | N/A                       | N/A         | N/A | Dec. 16, 2023 | 750             | 5.61                    | 0.273                   | 5.45                      | -2.90         | 1013       | 7472      | 1590    | 17                 |



**BUREAU**  
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| System Performance Check for Incident Power Density Measurement |               |                 |                  |                         |                                   |               |                                          |                                            |               |
|-----------------------------------------------------------------|---------------|-----------------|------------------|-------------------------|-----------------------------------|---------------|------------------------------------------|--------------------------------------------|---------------|
| Plot No.                                                        | Test Date     | Frequency [GHz] | mmWave Probe S/N | Verification Source S/N | Averaging Area [cm <sup>2</sup> ] | Distance [mm] | Target Power Density [W/m <sup>2</sup> ] | Measured Power Density [W/m <sup>2</sup> ] | Deviation [%] |
| S26                                                             | Dec. 06, 2023 | 10              | 9615             | 1025                    | 4                                 | 10.0          | 53.6                                     | 55.4                                       | 3.36%         |

## **Appendix D. Maximum Target Conducted Power**

The maximum conducted average power (Unit: dBm) including tune-up tolerance is shown as below.

| WCDMA Max. Tune-up Power (Full) |                         |                            |
|---------------------------------|-------------------------|----------------------------|
| Mode                            | RMC 12.2K               | HSDPA<br>DC-HSDPA<br>HSUPA |
|                                 | Maximum<br>Target Power | Maximum<br>Target Power    |
| WCDMA Band II                   | 24.5                    | 24.5                       |
| WCDMA Band IV                   | 24.5                    | 24.5                       |
| WCDMA Band V                    | 24.5                    | 24.5                       |

| LTE Max. Tune-up Power (Full) |                      |                      |                      |                      |
|-------------------------------|----------------------|----------------------|----------------------|----------------------|
| Mode                          | QPSK                 | 16QAM                | 64QAM                | 256QAM               |
|                               | Maximum Target Power | Maximum Target Power | Maximum Target Power | Maximum Target Power |
| LTE 2                         | 24.0                 | 23.0                 | 22.0                 | 19.0                 |
| LTE 4                         | 24.0                 | 23.0                 | 22.0                 | 19.0                 |
| LTE 5                         | 24.5                 | 23.5                 | 22.5                 | 19.5                 |
| LTE 7                         | 24.0                 | 23.0                 | 22.0                 | 19.0                 |
| LTE 12                        | 24.5                 | 23.5                 | 22.5                 | 19.5                 |
| LTE 13                        | 24.5                 | 23.5                 | 22.5                 | 19.5                 |
| LTE 14                        | 24.5                 | 23.5                 | 22.5                 | 19.5                 |
| LTE 17                        | 24.5                 | 23.5                 | 22.5                 | 19.5                 |
| LTE 25                        | 24.0                 | 23.0                 | 22.0                 | 19.0                 |
| LTE 26                        | 24.5                 | 23.5                 | 22.5                 | 19.5                 |
| LTE 30                        | 23.0                 | 22.0                 | 21.0                 | 18.0                 |
| LTE 38                        | 24.0                 | 23.0                 | 22.0                 | 19.0                 |
| LTE 41                        | 24.0                 | 23.0                 | 22.0                 | 19.0                 |
| LTE 41 - HPUE                 | 27.0                 | 26.0                 | 25.0                 | 22.0                 |
| LTE 42                        | 24.0                 | 23.0                 | 22.0                 | 19.0                 |
| LTE 43                        | 24.0                 | 23.0                 | 22.0                 | 19.0                 |
| LTE 48                        | 22.0                 | 21.0                 | 20.0                 | 17.0                 |
| LTE 66                        | 24.0                 | 23.0                 | 22.0                 | 19.0                 |
| LTE 71                        | 24.5                 | 23.5                 | 22.5                 | 19.5                 |

| 5G NR Max. Tune-up Power (Full) |                      |                      |                      |                      |                      |
|---------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| DFT-S Mode                      | PI/2 BPSK            | QPSK                 | 16QAM                | 64QAM                | 256QAM               |
|                                 | Maximum Target Power | Maximum Target Power | Maximum Target Power | Maximum Target Power | Maximum Target Power |
| NR 2                            | 24.0                 | 24.0                 | 23.0                 | 21.5                 | 19.5                 |
| NR 5                            | 24.0                 | 24.0                 | 23.0                 | 21.5                 | 19.5                 |
| NR 7                            | 24.0                 | 24.0                 | 23.0                 | 21.5                 | 19.5                 |
| NR 12                           | 24.0                 | 24.0                 | 23.0                 | 21.5                 | 19.5                 |
| NR 13                           | 24.0                 | 24.0                 | 23.0                 | 21.5                 | 19.5                 |
| NR 14                           | 24.0                 | 24.0                 | 23.0                 | 21.5                 | 19.5                 |
| NR 25                           | 24.0                 | 24.0                 | 23.0                 | 21.5                 | 19.5                 |
| NR 26                           | 24.0                 | 24.0                 | 23.0                 | 21.5                 | 19.5                 |
| NR 30                           | 23.0                 | 23.0                 | 22.0                 | 20.5                 | 18.5                 |
| NR 38                           | 24.0                 | 24.0                 | 23.0                 | 21.5                 | 19.5                 |
| NR 41                           | 24.0                 | 24.0                 | 23.0                 | 21.5                 | 19.5                 |
| NR 41 - HPUE                    | 27.0                 | 27.0                 | 26.0                 | 24.5                 | 22.5                 |
| NR 48                           | 22.0                 | 22.0                 | 21.0                 | 19.5                 | 17.5                 |
| NR 66                           | 24.0                 | 24.0                 | 23.0                 | 21.5                 | 19.5                 |
| NR 70                           | 24.0                 | 24.0                 | 23.0                 | 21.5                 | 19.5                 |
| NR 71                           | 24.0                 | 24.0                 | 23.0                 | 21.5                 | 19.5                 |
| NR 77 - HPUE                    | 27.0                 | 27.0                 | 26.0                 | 24.5                 | 22.5                 |
| NR 78 - HPUE                    | 27.0                 | 27.0                 | 26.0                 | 24.5                 | 22.5                 |

| 5G NR Max. Tune-up Power (Full) |                      |                      |                      |                      |
|---------------------------------|----------------------|----------------------|----------------------|----------------------|
| CP Mode                         | QPSK                 | 16QAM                | 64QAM                | 256QAM               |
|                                 | Maximum Target Power | Maximum Target Power | Maximum Target Power | Maximum Target Power |
| NR 2                            | 22.5                 | 22.0                 | 20.5                 | 17.5                 |
| NR 5                            | 22.5                 | 22.0                 | 20.5                 | 17.5                 |
| NR 7                            | 22.5                 | 22.0                 | 20.5                 | 17.5                 |
| NR 12                           | 22.5                 | 22.0                 | 20.5                 | 17.5                 |
| NR 13                           | 22.5                 | 22.0                 | 20.5                 | 17.5                 |
| NR 14                           | 22.5                 | 22.0                 | 20.5                 | 17.5                 |
| NR 25                           | 22.5                 | 22.0                 | 20.5                 | 17.5                 |
| NR 26                           | 22.5                 | 22.0                 | 20.5                 | 17.5                 |
| NR 30                           | 21.5                 | 21.0                 | 19.5                 | 16.5                 |
| NR 38                           | 22.5                 | 22.0                 | 20.5                 | 17.5                 |
| NR 40                           | 22.5                 | 22.0                 | 20.5                 | 17.5                 |
| NR 41                           | 22.5                 | 22.0                 | 20.5                 | 17.5                 |
| NR 41 - HPUE                    | 25.5                 | 25.0                 | 23.5                 | 20.5                 |
| NR 48                           | 20.5                 | 20.0                 | 18.5                 | 15.5                 |
| NR 66                           | 22.5                 | 22.0                 | 20.5                 | 17.5                 |
| NR 70                           | 22.5                 | 22.0                 | 20.5                 | 17.5                 |
| NR 71                           | 22.5                 | 22.0                 | 20.5                 | 17.5                 |
| NR 77 - HPUE                    | 25.5                 | 25.0                 | 23.5                 | 20.5                 |
| NR 78 - HPUE                    | 25.5                 | 25.0                 | 23.5                 | 20.5                 |

| WCDMA Max. Tune-up Power (Reduction) |                         |                            |
|--------------------------------------|-------------------------|----------------------------|
| Mode                                 | RMC 12.2K               | HSDPA<br>DC-HSDPA<br>HSUPA |
|                                      | Maximum<br>Target Power | Maximum<br>Target Power    |
| WCDMA Band II                        | 13.0                    | 13.0                       |
| WCDMA Band IV                        | 13.0                    | 13.0                       |
| WCDMA Band V                         | 18.0                    | 18.0                       |

| LTE Max. Tune-up Power (Reduction) |                      |                      |                      |                      |
|------------------------------------|----------------------|----------------------|----------------------|----------------------|
| Mode                               | QPSK                 | 16QAM                | 64QAM                | 256QAM               |
|                                    | Maximum Target Power | Maximum Target Power | Maximum Target Power | Maximum Target Power |
| LTE 2                              | 13.5                 | 12.5                 | 11.5                 | 8.5                  |
| LTE 4                              | 12.5                 | 11.5                 | 10.5                 | 7.5                  |
| LTE 5                              | 13.5                 | 12.5                 | 11.5                 | 8.5                  |
| LTE 7                              | 14.0                 | 13.0                 | 12.0                 | 9.0                  |
| LTE 12                             | 22.0                 | 21.0                 | 20.0                 | 17.0                 |
| LTE 13                             | 19.5                 | 18.5                 | 17.5                 | 14.5                 |
| LTE 14                             | 19.5                 | 18.5                 | 17.5                 | 14.5                 |
| LTE 17                             | 22.0                 | 21.0                 | 20.0                 | 17.0                 |
| LTE 25                             | 13.5                 | 12.5                 | 11.5                 | 8.5                  |
| LTE 26                             | 13.5                 | 12.5                 | 11.5                 | 8.5                  |
| LTE 30                             | 13.5                 | 12.5                 | 11.5                 | 8.5                  |
| LTE 38                             | 17.0                 | 16.0                 | 15.0                 | 12.0                 |
| LTE 41                             | 18.0                 | 17.0                 | 16.0                 | 13.0                 |
| LTE 41 - HPUE                      | N.A                  |                      |                      |                      |
| LTE 42                             | 22.5                 | 21.5                 | 20.5                 | 17.5                 |
| LTE 43                             | 21.0                 | 20.0                 | 19.0                 | 16.0                 |
| LTE 48                             | 17.0                 | 16.0                 | 15.0                 | 12.0                 |
| LTE 66                             | 12.5                 | 11.5                 | 10.5                 | 7.5                  |
| LTE 71                             | 22.5                 | 21.5                 | 20.5                 | 17.5                 |

| 5G NR Max. Tune-up Power (Reduction) |                      |                      |                      |                      |                      |
|--------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| DFT-S Mode                           | PI/2 BPSK            | QPSK                 | 16QAM                | 64QAM                | 256QAM               |
|                                      | Maximum Target Power | Maximum Target Power | Maximum Target Power | Maximum Target Power | Maximum Target Power |
| NR 2                                 | 13.5                 | 13.5                 | 12.5                 | 11.0                 | 9.0                  |
| NR 5                                 | 18.5                 | 18.5                 | 17.5                 | 16.0                 | 14.0                 |
| NR 7                                 | 14.5                 | 14.5                 | 13.5                 | 12.0                 | 10.0                 |
| NR 12                                | 22.5                 | 22.5                 | 21.5                 | 20.0                 | 18.0                 |
| NR 13                                | 20.0                 | 20.0                 | 19.0                 | 17.5                 | 15.5                 |
| NR 14                                | 19.5                 | 19.5                 | 18.5                 | 17.0                 | 15.0                 |
| NR 25                                | 12.5                 | 12.5                 | 11.5                 | 10.0                 | 8.0                  |
| NR 26                                | 18.5                 | 18.5                 | 17.5                 | 16.0                 | 14.0                 |
| NR 30                                | 14.0                 | 14.0                 | 13.0                 | 11.5                 | 9.5                  |
| NR 38                                | 22.0                 | 22.0                 | 21.0                 | 19.5                 | 17.5                 |
| NR 41                                | 17.5                 | 17.5                 | 16.5                 | 15.0                 | 13.0                 |
| NR 41 - HPUE                         | N/A                  |                      |                      |                      |                      |
| NR 48                                | 16.5                 | 16.5                 | 15.5                 | 14.0                 | 12.0                 |
| NR 66                                | 12.5                 | 12.5                 | 11.5                 | 10.0                 | 8.0                  |
| NR 70                                | 13.0                 | 13.0                 | 12.0                 | 10.5                 | 8.5                  |
| NR 71                                | N/A                  |                      |                      |                      |                      |
| NR 77                                | 17.0                 | 17.0                 | 16.0                 | 14.5                 | 12.5                 |
| NR 78                                | 17.0                 | 17.0                 | 16.0                 | 14.5                 | 12.5                 |

| 5G NR Max. Tune-up Power (Reduction) |                      |                      |                      |                      |
|--------------------------------------|----------------------|----------------------|----------------------|----------------------|
| CP Mode                              | QPSK                 | 16QAM                | 64QAM                | 256QAM               |
|                                      | Maximum Target Power | Maximum Target Power | Maximum Target Power | Maximum Target Power |
| NR 2                                 | 12.0                 | 11.5                 | 10.0                 | 7.0                  |
| NR 5                                 | 17.0                 | 16.5                 | 15.0                 | 12.0                 |
| NR 7                                 | 13.0                 | 12.5                 | 11.0                 | 8.0                  |
| NR 12                                | 21.0                 | 20.5                 | 19.0                 | 16.0                 |
| NR 13                                | 18.5                 | 18.0                 | 16.5                 | 13.5                 |
| NR 14                                | 18.0                 | 17.5                 | 16.0                 | 13.0                 |
| NR 25                                | 11.0                 | 10.5                 | 9.0                  | 6.0                  |
| NR 26                                | 17.0                 | 16.5                 | 15.0                 | 12.0                 |
| NR 30                                | 12.5                 | 12.0                 | 10.5                 | 7.5                  |
| NR 38                                | 20.5                 | 0.0                  |                      |                      |
| NR 40                                | N/A                  |                      |                      |                      |
| NR 41                                | 16.0                 | 15.5                 | 14.0                 | 11.0                 |
| NR 41 - HPUE                         | N/A                  |                      |                      |                      |
| NR 48                                | 15.0                 | 14.5                 | 13.0                 | 10.0                 |
| NR 66                                | 11.0                 | 10.5                 | 9.0                  | 6.0                  |
| NR 70                                | 11.5                 | 11.0                 | 9.5                  | 6.5                  |
| NR 71                                | N/A                  |                      |                      |                      |
| NR 77                                | 15.5                 | 15.0                 | 13.5                 | 10.5                 |
| NR 78                                | 15.5                 | 15.0                 | 13.5                 | 10.5                 |

| Tune-up Power (Full) |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 2.4GHz          |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11b              | 1       | 2412      | 15.0                      | 15.0                      |                       |                       |                             |
|                      | 6       | 2437      | 15.0                      | 15.0                      |                       |                       |                             |
|                      | 11      | 2462      | 15.0                      | 15.0                      |                       |                       |                             |
|                      | 12      | 2467      | 15.0                      | 15.0                      |                       |                       |                             |
|                      | 13      | 2472      | 15.0                      | 15.0                      |                       |                       |                             |
| 802.11g              | 1       | 2412      | 15.0                      | 15.0                      |                       |                       |                             |
|                      | 6       | 2437      | 15.0                      | 15.0                      |                       |                       |                             |
|                      | 11      | 2462      | 15.0                      | 15.0                      |                       |                       |                             |
|                      | 12      | 2467      | 15.0                      | 15.0                      |                       |                       |                             |
|                      | 13      | 2472      | 15.0                      | 15.0                      |                       |                       |                             |
| 802.11n HT20         | 1       | 2412      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 6       | 2437      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 11      | 2462      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 12      | 2467      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 13      | 2472      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
| 802.11n HT40         | 3       | 2422      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 6       | 2437      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 9       | 2452      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 10      | 2457      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 11      | 2462      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
| 802.11ax HE20        | 1       | 2412      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 6       | 2437      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 11      | 2462      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 12      | 2467      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 13      | 2472      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
| 802.11ax HE40        | 3       | 2422      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 6       | 2437      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 9       | 2452      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 10      | 2457      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 11      | 2462      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
| 802.11be HE20        | 1       | 2412      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 6       | 2437      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 11      | 2462      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 12      | 2467      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 13      | 2472      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
| 802.11be HE40        | 3       | 2422      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 6       | 2437      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 9       | 2452      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 10      | 2457      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |
|                      | 11      | 2462      | 15.0                      | 15.0                      | 15.5                  | 15.5                  | 18.0                        |



| Tune-up Power (Full) |         |           |  |                      |  |
|----------------------|---------|-----------|--|----------------------|--|
| Bluetooth            |         |           |  |                      |  |
| Mode                 | Channel | Frequency |  | Ant 1<br>Max Tune-up |  |
| BR / EDR             | 0       | 2402      |  | 11.0                 |  |
|                      | 39      | 2441      |  | 11.0                 |  |
|                      | 78      | 2480      |  | 11.0                 |  |
| LE                   | 0       | 2402      |  | 7.0                  |  |
|                      | 19      | 2440      |  | 7.0                  |  |
|                      | 39      | 2480      |  | 7.0                  |  |

| Tune-up Power (Full) |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.2GHz          |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a              | 36      | 5180      | 13.5                      | 13.5                      |                       |                       |                             |
|                      | 40      | 5200      | 13.5                      | 13.5                      |                       |                       |                             |
|                      | 44      | 5220      | 13.5                      | 13.5                      |                       |                       |                             |
|                      | 48      | 5240      | 13.5                      | 13.5                      |                       |                       |                             |
| 802.11n HT20         | 36      | 5180      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 40      | 5200      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 44      | 5220      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 48      | 5240      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11n HT40         | 38      | 5190      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 46      | 5230      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ac VHT20       | 36      | 5180      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 40      | 5200      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 44      | 5220      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 48      | 5240      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ac VHT40       | 38      | 5190      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 46      | 5230      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ac VHT80       | 42      | 5210      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ax HE20        | 36      | 5180      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 40      | 5200      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 44      | 5220      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 48      | 5240      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ax HE40        | 38      | 5190      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 46      | 5230      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ax HE80        | 42      | 5210      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11be HE20        | 36      | 5180      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 40      | 5200      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 44      | 5220      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 48      | 5240      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11be HE40        | 38      | 5190      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 46      | 5230      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11be HE80        | 42      | 5210      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |

| Tune-up Power (Full) |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.3GHz          |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a              | 52      | 5260      | 13.5                      | 13.5                      |                       |                       |                             |
|                      | 56      | 5280      | 13.5                      | 13.5                      |                       |                       |                             |
|                      | 60      | 5300      | 13.5                      | 13.5                      |                       |                       |                             |
|                      | 64      | 5320      | 13.5                      | 13.5                      |                       |                       |                             |
| 802.11n HT20         | 52      | 5260      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 56      | 5280      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 60      | 5300      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 64      | 5320      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11n HT40         | 54      | 5270      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 62      | 5310      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ac VHT20       | 52      | 5260      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 56      | 5280      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 60      | 5300      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 64      | 5320      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ac VHT40       | 54      | 5270      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 62      | 5310      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ac VHT80       | 58      | 5290      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ac VHT160      | 50      | 5250      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ax HE20        | 52      | 5260      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 56      | 5280      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 60      | 5300      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 64      | 5320      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ax HE40        | 54      | 5270      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 62      | 5310      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ax HE80        | 58      | 5290      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ax HE160       | 50      | 5250      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |

| Tune-up Power (Full) |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.6GHz          |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a              | 100     | 5500      | 13.5                      | 13.5                      |                       |                       |                             |
|                      | 116     | 5580      | 13.5                      | 13.5                      |                       |                       |                             |
|                      | 120     | 5600      | 13.5                      | 13.5                      |                       |                       |                             |
|                      | 124     | 5620      | 13.5                      | 13.5                      |                       |                       |                             |
|                      | 132     | 5660      | 13.5                      | 13.5                      |                       |                       |                             |
|                      | 140     | 5700      | 13.5                      | 13.5                      |                       |                       |                             |
|                      | 144     | 5720      | 13.5                      | 13.5                      |                       |                       |                             |
| 802.11n HT20         | 100     | 5500      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 116     | 5580      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 120     | 5600      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 124     | 5620      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 132     | 5660      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 140     | 5700      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 144     | 5720      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11n HT40         | 102     | 5510      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 110     | 5550      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 118     | 5590      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 126     | 5630      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 134     | 5670      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 142     | 5710      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ac VHT80       | 106     | 5530      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 122     | 5610      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 138     | 5690      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ac VHT160      | 114     | 5570      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ax HE20        | 100     | 5500      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 116     | 5580      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 120     | 5600      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 124     | 5620      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 132     | 5660      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 140     | 5700      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 144     | 5720      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ax HE40        | 102     | 5510      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 110     | 5550      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 118     | 5590      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 126     | 5630      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 134     | 5670      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 142     | 5710      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ax HE80        | 106     | 5530      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 122     | 5610      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
|                      | 138     | 5690      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |
| 802.11ax HE160       | 114     | 5570      | 13.5                      | 13.5                      | 13.5                  | 13.5                  | 16.5                        |

| Tune-up Power (Full) |     |      |      |      |      |      |      |
|----------------------|-----|------|------|------|------|------|------|
| 802.11be HE20        | 100 | 5500 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
|                      | 116 | 5580 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
|                      | 120 | 5600 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
|                      | 124 | 5620 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
|                      | 132 | 5660 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
|                      | 140 | 5700 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
|                      | 144 | 5720 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
| 802.11be HE40        | 102 | 5510 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
|                      | 110 | 5550 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
|                      | 118 | 5590 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
|                      | 126 | 5630 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
|                      | 134 | 5670 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
|                      | 142 | 5710 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
| 802.11be HE80        | 106 | 5530 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
|                      | 122 | 5610 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
|                      | 138 | 5690 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |
| 802.11be HE160       | 114 | 5570 | 13.5 | 13.5 | 13.5 | 13.5 | 16.5 |

| Tune-up Power (Full) |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.8GHz          |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a              | 149     | 5745      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 153     | 5765      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 157     | 5785      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 161     | 5805      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 165     | 5825      | 12.5                      | 12.5                      |                       |                       |                             |
| 802.11n HT20         | 149     | 5745      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 153     | 5765      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 157     | 5785      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 161     | 5805      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 165     | 5825      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11n HT40         | 151     | 5755      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 159     | 5795      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT80       | 155     | 5775      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE20        | 149     | 5745      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 153     | 5765      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 157     | 5785      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 161     | 5805      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 165     | 5825      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE40        | 151     | 5755      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 159     | 5795      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE80        | 155     | 5775      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11be HE20        | 149     | 5745      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 153     | 5765      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 157     | 5785      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 161     | 5805      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 165     | 5825      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11be HE40        | 151     | 5755      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 159     | 5795      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11be HE80        | 155     | 5775      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |

| Tune-up Power (Full) |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.9GHz          |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a              | 169     | 5845      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 173     | 5865      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 177     | 5885      | 12.5                      | 12.5                      |                       |                       |                             |
| 802.11n HT20         | 169     | 5845      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 173     | 5865      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 177     | 5885      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11n HT40         | 167     | 5835      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 175     | 5875      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT80       | 171     | 5855      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT160      | 163     | 5815      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE20        | 169     | 5845      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 173     | 5865      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 177     | 5885      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE40        | 167     | 5835      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 175     | 5875      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE80        | 171     | 5855      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE160       | 163     | 5815      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11be HE20        | 169     | 5845      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 173     | 5865      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 177     | 5885      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11be HE40        | 167     | 5835      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 175     | 5875      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11be HE80        | 171     | 5855      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11be HE160       | 163     | 5815      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |

| Tune-up Power (Full) |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-5               |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11ax HE20        | 1       | 5955      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 5       | 5975      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 9       | 5995      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 13      | 6015      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 17      | 6035      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 21      | 6055      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 25      | 6075      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 29      | 6095      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 33      | 6115      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 37      | 6135      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 41      | 6155      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 45      | 6175      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 49      | 6195      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 53      | 6215      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 57      | 6235      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 61      | 6255      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 65      | 6275      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 69      | 6295      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 73      | 6315      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 77      | 6335      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 81      | 6355      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 85      | 6375      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 89      | 6395      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 93      | 6415      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |

| Tune-up Power (Full) |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-5               |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11ax HE40        | 3       | 5965      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 11      | 6005      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 19      | 6045      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 27      | 6085      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 35      | 6125      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 43      | 6165      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 51      | 6205      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 59      | 6245      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 67      | 6285      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 75      | 6325      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 83      | 6365      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 91      | 6405      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE80        | 7       | 5985      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 23      | 6065      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 39      | 6145      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 55      | 6225      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 71      | 6305      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 87      | 6385      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE160       | 15      | 6025      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 47      | 6185      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 79      | 6345      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |

| Tune-up Power (Full) |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-5               |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11be HE20        | 1       | 5955      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 5       | 5975      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 9       | 5995      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 13      | 6015      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 17      | 6035      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 21      | 6055      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 25      | 6075      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 29      | 6095      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 33      | 6115      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 37      | 6135      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 41      | 6155      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 45      | 6175      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 49      | 6195      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 53      | 6215      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 57      | 6235      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 61      | 6255      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 65      | 6275      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 69      | 6295      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 73      | 6315      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 77      | 6335      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 81      | 6355      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 85      | 6375      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 89      | 6395      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 93      | 6415      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11be HE40        | 3       | 5965      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 11      | 6005      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 19      | 6045      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 27      | 6085      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 35      | 6125      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 43      | 6165      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 51      | 6205      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 59      | 6245      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 67      | 6285      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 75      | 6325      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 83      | 6365      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 91      | 6405      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11be HE80        | 7       | 5985      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 23      | 6065      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 39      | 6145      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 55      | 6225      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 71      | 6305      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 87      | 6385      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11be HE160       | 15      | 6025      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 47      | 6185      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 79      | 6345      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11be HE320       | 31      | 6105      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 63      | 6265      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 95      | 6425      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |

| Tune-up Power (Full) |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-6               |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11ax HE20        | 97      | 6435      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 101     | 6455      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 105     | 6475      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 109     | 6495      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 113     | 6515      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 117     | 6535      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
| 802.11ax HE40        | 99      | 6445      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 107     | 6485      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 115     | 6525      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
| 802.11ax HE80        | 103     | 6465      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 119     | 6545      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
| 802.11ax HE160       | 111     | 6505      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
| 802.11be HE20        | 97      | 6435      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 101     | 6455      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 105     | 6475      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 109     | 6495      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 113     | 6515      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 117     | 6535      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
| 802.11be HE40        | 99      | 6445      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 107     | 6485      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 115     | 6525      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
| 802.11be HE80        | 103     | 6465      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
|                      | 119     | 6545      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |
| 802.11be HE160       | 111     | 6505      | 11.5                      | 12.5                      | 11.5                  | 12.5                  | 15.0                        |

| Tune-up Power (Full) |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-7               |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11ax HE20        | 121     | 6555      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 125     | 6575      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 129     | 6595      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 133     | 6615      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 137     | 6635      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 141     | 6655      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 145     | 6675      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 149     | 6695      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 153     | 6715      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 157     | 6735      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 161     | 6755      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 165     | 6775      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 169     | 6795      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 173     | 6815      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 177     | 6835      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 181     | 6855      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 185     | 6875      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11ax HE40        | 123     | 6565      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 131     | 6605      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 139     | 6645      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 147     | 6685      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 155     | 6725      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 163     | 6765      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 171     | 6805      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 179     | 6845      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11ax HE80        | 187     | 6885      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 135     | 6625      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 151     | 6705      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 167     | 6785      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11ax HE160       | 183     | 6865      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 143     | 6665      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 175     | 6825      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |

| Tune-up Power (Full) |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-7               |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11be HE20        | 121     | 6555      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 125     | 6575      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 129     | 6595      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 133     | 6615      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 137     | 6635      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 141     | 6655      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 145     | 6675      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 149     | 6695      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 153     | 6715      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 157     | 6735      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 161     | 6755      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 165     | 6775      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 169     | 6795      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 173     | 6815      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 177     | 6835      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 181     | 6855      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 185     | 6875      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11be HE40        | 123     | 6565      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 131     | 6605      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 139     | 6645      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 147     | 6685      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 155     | 6725      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 163     | 6765      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 171     | 6805      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 179     | 6845      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11be HE80        | 187     | 6885      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 135     | 6625      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 151     | 6705      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 167     | 6785      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11be HE160       | 183     | 6865      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 143     | 6665      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11be HE320       | 175     | 6825      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 127     | 6585      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 159     | 6745      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |

| Tune-up Power (Full) |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-8               |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11ax HE20        | 189     | 6895      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 193     | 6915      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 197     | 6935      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 201     | 6955      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 205     | 6975      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 209     | 6995      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 213     | 7015      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 217     | 7035      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 221     | 7055      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 225     | 7075      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 229     | 7095      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 233     | 7115      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11ax HE40        | 195     | 6925      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 203     | 6965      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 211     | 7005      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 219     | 7045      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 227     | 7085      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11ax HE80        | 199     | 6945      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 215     | 7025      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11ax HE160       | 207     | 6985      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11be HE20        | 189     | 6895      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 193     | 6915      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 197     | 6935      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 201     | 6955      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 205     | 6975      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 209     | 6995      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 213     | 7015      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 217     | 7035      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 221     | 7055      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 225     | 7075      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 229     | 7095      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 233     | 7115      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11be HE40        | 195     | 6925      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 203     | 6965      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 211     | 7005      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 219     | 7045      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 227     | 7085      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11be HE80        | 199     | 6945      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                      | 215     | 7025      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11be HE160       | 207     | 6985      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11be HE320       | 191     | 6905      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |

| Tune-up Power (LPI) |         |           |                           |                           |                       |                       |                             |
|---------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-5              |         |           |                           |                           |                       |                       |                             |
| Mode                | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11ax HE20       | 1       | 5955      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 5       | 5975      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 9       | 5995      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 13      | 6015      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 17      | 6035      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 21      | 6055      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 25      | 6075      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 29      | 6095      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 33      | 6115      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 37      | 6135      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 41      | 6155      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 45      | 6175      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 49      | 6195      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 53      | 6215      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 57      | 6235      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 61      | 6255      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 65      | 6275      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 69      | 6295      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 73      | 6315      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 77      | 6335      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 81      | 6355      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 85      | 6375      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 89      | 6395      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 93      | 6415      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
| 802.11ax HE40       | 3       | 5965      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 11      | 6005      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 19      | 6045      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 27      | 6085      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 35      | 6125      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 43      | 6165      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 51      | 6205      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 59      | 6245      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 67      | 6285      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 75      | 6325      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 83      | 6365      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 91      | 6405      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
| 802.11ax HE80       | 7       | 5985      | 11.8                      | 11.8                      | 8.8                   | 8.8                   | 11.8                        |
|                     | 23      | 6065      | 11.8                      | 11.8                      | 8.8                   | 8.8                   | 11.8                        |
|                     | 39      | 6145      | 11.8                      | 11.8                      | 8.8                   | 8.8                   | 11.8                        |
|                     | 55      | 6225      | 11.8                      | 11.8                      | 8.8                   | 8.8                   | 11.8                        |
|                     | 71      | 6305      | 11.8                      | 11.8                      | 8.8                   | 8.8                   | 11.8                        |
|                     | 87      | 6385      | 11.8                      | 11.8                      | 8.8                   | 8.8                   | 11.8                        |
| 802.11ax HE160      | 15      | 6025      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                     | 47      | 6185      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                     | 79      | 6345      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |

| Tune-up Power (LPI) |         |           |                           |                           |                       |                       |                             |
|---------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-5              |         |           |                           |                           |                       |                       |                             |
| Mode                | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11be HE20       | 1       | 5955      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 5       | 5975      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 9       | 5995      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 13      | 6015      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 17      | 6035      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 21      | 6055      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 25      | 6075      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 29      | 6095      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 33      | 6115      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 37      | 6135      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 41      | 6155      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 45      | 6175      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 49      | 6195      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 53      | 6215      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 57      | 6235      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 61      | 6255      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 65      | 6275      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 69      | 6295      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 73      | 6315      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 77      | 6335      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 81      | 6355      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 85      | 6375      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 89      | 6395      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
|                     | 93      | 6415      | 5.8                       | 5.8                       | 2.8                   | 2.8                   | 5.8                         |
| 802.11be HE40       | 3       | 5965      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 11      | 6005      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 19      | 6045      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 27      | 6085      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 35      | 6125      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 43      | 6165      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 51      | 6205      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 59      | 6245      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 67      | 6285      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 75      | 6325      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 83      | 6365      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 91      | 6405      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
| 802.11be HE80       | 7       | 5985      | 11.8                      | 11.8                      | 8.8                   | 8.8                   | 11.8                        |
|                     | 23      | 6065      | 11.8                      | 11.8                      | 8.8                   | 8.8                   | 11.8                        |
|                     | 39      | 6145      | 11.8                      | 11.8                      | 8.8                   | 8.8                   | 11.8                        |
|                     | 55      | 6225      | 11.8                      | 11.8                      | 8.8                   | 8.8                   | 11.8                        |
|                     | 71      | 6305      | 11.8                      | 11.8                      | 8.8                   | 8.8                   | 11.8                        |
|                     | 87      | 6385      | 11.8                      | 11.8                      | 8.8                   | 8.8                   | 11.8                        |
| 802.11be HE160      | 15      | 6025      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                     | 47      | 6185      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                     | 79      | 6345      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11be HE320      | 31      | 6105      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                     | 63      | 6265      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                     | 95      | 6425      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |

| Tune-up Power (LPI) |         |           |                           |                           |                       |                       |                             |
|---------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-6              |         |           |                           |                           |                       |                       |                             |
| Mode                | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11ax HE20       | 97      | 6435      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 101     | 6455      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 105     | 6475      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 109     | 6495      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 113     | 6515      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 117     | 6535      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
| 802.11ax HE40       | 99      | 6445      | 8.6                       | 8.6                       | 5.6                   | 5.6                   | 8.6                         |
|                     | 107     | 6485      | 8.6                       | 8.6                       | 5.6                   | 5.6                   | 8.6                         |
|                     | 115     | 6525      | 8.6                       | 8.6                       | 5.6                   | 5.6                   | 8.6                         |
| 802.11ax HE80       | 103     | 6465      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
|                     | 119     | 6545      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
| 802.11ax HE160      | 111     | 6505      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11be HE20       | 97      | 6435      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 101     | 6455      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 105     | 6475      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 109     | 6495      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 113     | 6515      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 117     | 6535      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
| 802.11be HE40       | 99      | 6445      | 8.6                       | 8.6                       | 5.6                   | 5.6                   | 8.6                         |
|                     | 107     | 6485      | 8.6                       | 8.6                       | 5.6                   | 5.6                   | 8.6                         |
|                     | 115     | 6525      | 8.6                       | 8.6                       | 5.6                   | 5.6                   | 8.6                         |
| 802.11be HE80       | 103     | 6465      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
|                     | 119     | 6545      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
| 802.11be HE160      | 111     | 6505      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |

| Tune-up Power (LPI) |         |           |                           |                           |                       |                       |                             |
|---------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-7              |         |           |                           |                           |                       |                       |                             |
| Mode                | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11ax HE20       | 121     | 6555      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 125     | 6575      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 129     | 6595      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 133     | 6615      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 137     | 6635      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 141     | 6655      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 145     | 6675      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 149     | 6695      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 153     | 6715      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 157     | 6735      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 161     | 6755      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 165     | 6775      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 169     | 6795      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 173     | 6815      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 177     | 6835      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 181     | 6855      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 185     | 6875      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
| 802.11ax HE40       | 123     | 6565      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 131     | 6605      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 139     | 6645      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 147     | 6685      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 155     | 6725      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 163     | 6765      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 171     | 6805      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 179     | 6845      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 187     | 6885      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
| 802.11ax HE80       | 135     | 6625      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
|                     | 151     | 6705      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
|                     | 167     | 6785      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
|                     | 183     | 6865      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
| 802.11ax HE160      | 143     | 6665      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                     | 175     | 6825      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |

| Tune-up Power (LPI) |         |           |                           |                           |                       |                       |                             |
|---------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-7              |         |           |                           |                           |                       |                       |                             |
| Mode                | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11be HE20       | 121     | 6555      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 125     | 6575      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 129     | 6595      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 133     | 6615      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 137     | 6635      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 141     | 6655      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 145     | 6675      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 149     | 6695      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 153     | 6715      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 157     | 6735      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 161     | 6755      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 165     | 6775      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 169     | 6795      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 173     | 6815      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 177     | 6835      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 181     | 6855      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
|                     | 185     | 6875      | 5.6                       | 5.6                       | 2.6                   | 2.6                   | 5.6                         |
| 802.11be HE40       | 123     | 6565      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 131     | 6605      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 139     | 6645      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 147     | 6685      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 155     | 6725      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 163     | 6765      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 171     | 6805      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 179     | 6845      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
|                     | 187     | 6885      | 8.7                       | 8.7                       | 5.7                   | 5.7                   | 8.7                         |
| 802.11be HE80       | 135     | 6625      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
|                     | 151     | 6705      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
|                     | 167     | 6785      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
|                     | 183     | 6865      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
| 802.11be HE160      | 143     | 6665      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                     | 175     | 6825      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11be HE320      | 127     | 6585      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                     | 159     | 6745      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |

| Tune-up Power (LPI) |         |           |                           |                           |                       |                       |                             |
|---------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-8              |         |           |                           |                           |                       |                       |                             |
| Mode                | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11ax HE20       | 189     | 6895      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 193     | 6915      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 197     | 6935      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 201     | 6955      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 205     | 6975      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 209     | 6995      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 213     | 7015      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 217     | 7035      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 221     | 7055      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 225     | 7075      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 229     | 7095      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 233     | 7115      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
| 802.11ax HE40       | 195     | 6925      | 8.8                       | 8.8                       | 5.8                   | 5.8                   | 8.8                         |
|                     | 203     | 6965      | 8.8                       | 8.8                       | 5.8                   | 5.8                   | 8.8                         |
|                     | 211     | 7005      | 8.8                       | 8.8                       | 5.8                   | 5.8                   | 8.8                         |
|                     | 219     | 7045      | 8.8                       | 8.8                       | 5.8                   | 5.8                   | 8.8                         |
|                     | 227     | 7085      | 8.8                       | 8.8                       | 5.8                   | 5.8                   | 8.8                         |
| 802.11ax HE80       | 199     | 6945      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
|                     | 215     | 7025      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
| 802.11ax HE160      | 207     | 6985      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11be HE20       | 189     | 6895      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 193     | 6915      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 197     | 6935      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 201     | 6955      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 205     | 6975      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 209     | 6995      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 213     | 7015      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 217     | 7035      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 221     | 7055      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 225     | 7075      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 229     | 7095      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
|                     | 233     | 7115      | 5.7                       | 5.7                       | 2.7                   | 2.7                   | 5.7                         |
| 802.11be HE40       | 195     | 6925      | 8.8                       | 8.8                       | 5.8                   | 5.8                   | 8.8                         |
|                     | 203     | 6965      | 8.8                       | 8.8                       | 5.8                   | 5.8                   | 8.8                         |
|                     | 211     | 7005      | 8.8                       | 8.8                       | 5.8                   | 5.8                   | 8.8                         |
|                     | 219     | 7045      | 8.8                       | 8.8                       | 5.8                   | 5.8                   | 8.8                         |
|                     | 227     | 7085      | 8.8                       | 8.8                       | 5.8                   | 5.8                   | 8.8                         |
| 802.11be HE80       | 199     | 6945      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
|                     | 215     | 7025      | 11.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                        |
| 802.11be HE160      | 207     | 6985      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11be HE320      | 191     | 6905      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |