

System Check: Head 835MHz

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]   | DUT Type |
|---------------------|-------------------|----------|
| CD835V2, SPEAG      | 10.0 x 10.0 x 3.0 | 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 | Ambient Temperature [°C] | Liquid Temperature [°C] |
|----------------------|------------------------------|-------|------------|---------------------------------|-------------------|------------------------|------------------|--------------------------|-------------------------|
| Flat, HSL            |                              | CD835 | CW, 0--    | 835.0, 50                       | 9.85              | 0.904                  | 41.9             | 22.2                     | 21.5                    |

Hardware Setup

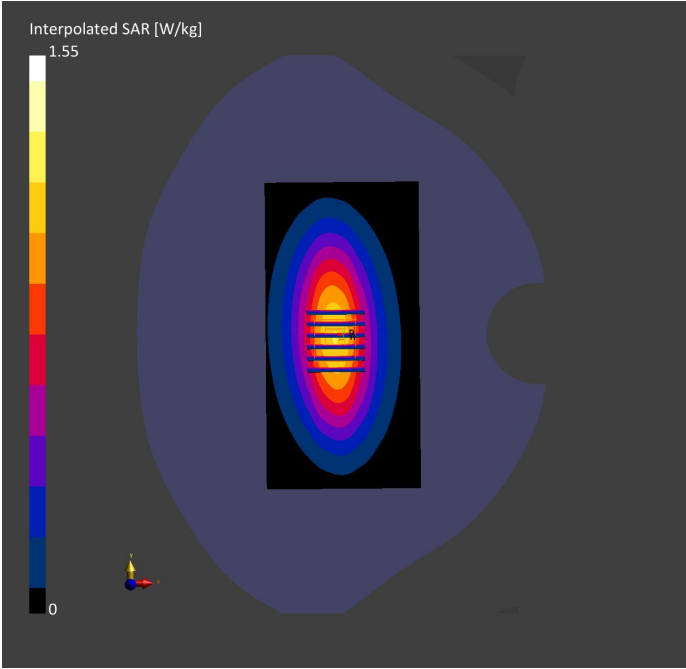
| Phantom                                 | TSL, Measured Date         | Probe, Calibration Date     | DAE, Calibration Date  |
|-----------------------------------------|----------------------------|-----------------------------|------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1859 | HBBL-600-10000 2025-09-018 | EX3DV4 - SN7607, 2025-08-06 | DAE4 Sn878, 2025-03-05 |

Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 80.0 x 160.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0  | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0          | 1.4                |
| Graded Grid         | Yes          | Yes                |
| Grading Ratio       | 1.5          | 1.5                |
| MAIA                | N/A          | N/A                |
| Surface Detection   | VMS + 6p     | VMS + 6p           |
| Scan Method         | Measured     | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-09-18    | 2025-09-18    |
| psSAR1g [W/kg]      | 0.975         | 0.981         |
| psSAR10g [W/kg]     | 0.633         | 0.645         |
| Power Drift [dB]    | -0.01         | 0.02          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 81.2          |
| Dist 3dB Peak [mm]  |               | 11.3          |



System Check: Head 1750MHz

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]   | DUT Type |
|---------------------|-------------------|----------|
| D1750V2, SPEAG      | 10.0 x 10.0 x 3.0 | 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 | Ambient Temperature [°C] | Liquid Temperature [°C] |
|----------------------|------------------------------|-------|------------|---------------------------------|-------------------|------------------------|------------------|--------------------------|-------------------------|
| Flat, HSL            |                              | D1750 | CW, 0--    | 1750.0, 50                      | 8.28              | 1.40                   | 39.9             | 22.4                     | 21.3                    |

Hardware Setup

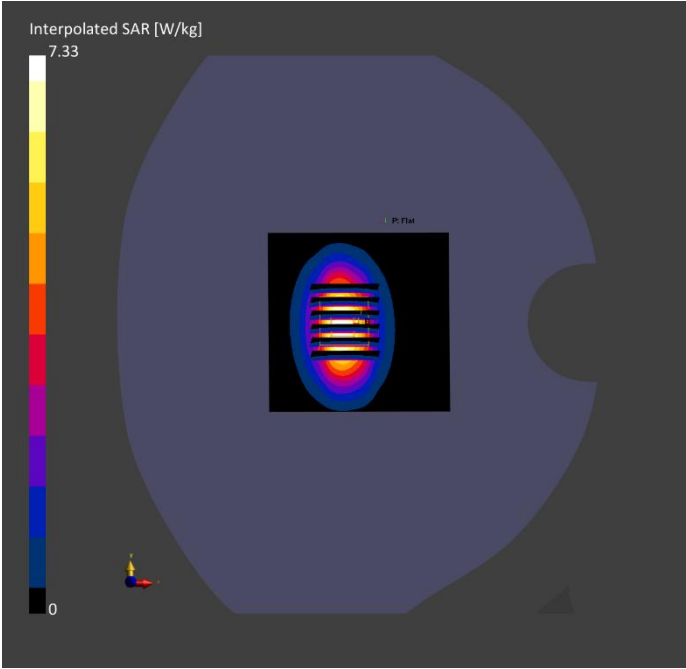
| Phantom                                 | TSL, Measured Date        | Probe, Calibration Date     | DAE, Calibration Date  |
|-----------------------------------------|---------------------------|-----------------------------|------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1859 | HBBL-600-10000 2025-09-19 | EX3DV4 - SN7607, 2025-08-06 | DAE4 Sn878, 2025-03-05 |

Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 80.0 x 80.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |
| Graded Grid         | Yes         | Yes                |
| Grading Ratio       | 1.5         | 1.5                |
| MAIA                | N/A         | N/A                |
| Surface Detection   | VMS + 6p    | VMS + 6p           |
| Scan Method         | Measured    | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-09-19    | 2025-09-19    |
| psSAR1g [W/kg]      | 3.45          | 3.77          |
| psSAR10g [W/kg]     | 1.67          | 1.92          |
| Power Drift [dB]    | -0.03         | -0.02         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 81.1          |
| Dist 3dB Peak [mm]  |               | 9.5           |



System Check: Head 1950MHz

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]   | DUT Type |
|---------------------|-------------------|----------|
| D1950V2, SPEAG      | 10.0 x 10.0 x 3.0 | 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 | Ambient Temperature [°C] | Liquid Temperature [°C] |
|----------------------|------------------------------|-------|------------|---------------------------------|-------------------|------------------------|------------------|--------------------------|-------------------------|
| Flat, HSL            |                              | D1950 | CW, 0--    | 1950.0, 50                      | 7.65              | 1.37                   | 40.2             | 22.5                     | 21.3                    |

Hardware Setup

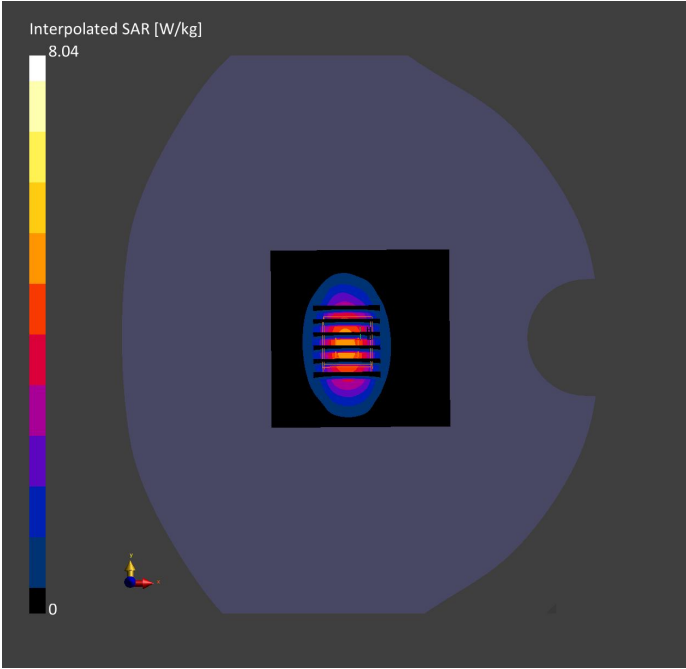
| Phantom                                 | TSL, Measured Date        | Probe, Calibration Date     | DAE, Calibration Date  |
|-----------------------------------------|---------------------------|-----------------------------|------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1859 | HBBL-600-10000 2025-09-20 | EX3DV4 - SN7607, 2025-08-06 | DAE4 Sn878, 2025-03-05 |

Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 80.0 x 80.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |
| Graded Grid         | Yes         | Yes                |
| Grading Ratio       | 1.5         | 1.5                |
| MAIA                | N/A         | N/A                |
| Surface Detection   | VMS + 6p    | VMS + 6p           |
| Scan Method         | Measured    | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-09-20    | 2025-09-20    |
| psSAR1g [W/kg]      | 3.94          | 4.23          |
| psSAR10g [W/kg]     | 2.01          | 2.22          |
| Power Drift [dB]    | -0.10         | -0.02         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 80.9          |
| Dist 3dB Peak [mm]  |               | 9.3           |



System Check: Head 2600MHz

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]   | DUT Type |
|---------------------|-------------------|----------|
| CD2600V3, SPEAG     | 10.0 x 10.0 x 3.0 | 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 | Ambient Temperature [°C] | Liquid Temperature [°C] |
|----------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|--------------------------|-------------------------|
| Flat, HSL            |                              | CD2600V3 | CW, 0--    | 2600.0, 50                      | 7.01              | 1.96                   | 39.4             | 22.2                     | 21.6                    |

Hardware Setup

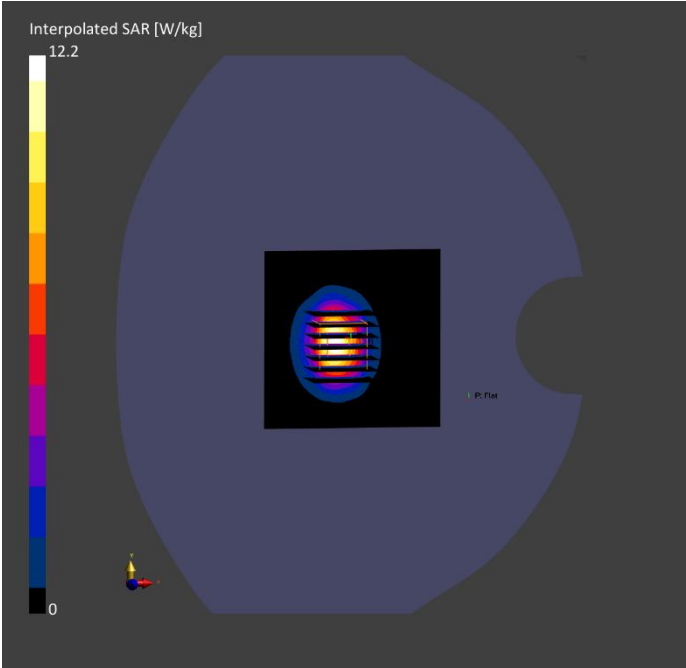
| Phantom                                 | TSL, Measured Date        | Probe, Calibration Date     | DAE, Calibration Date  |
|-----------------------------------------|---------------------------|-----------------------------|------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1859 | HBBL-600-10000 2025-09-21 | EX3DV4 - SN7607, 2025-08-06 | DAE4 Sn878, 2025-03-05 |

Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 80.0 x 80.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |
| Graded Grid         | Yes         | Yes                |
| Grading Ratio       | 1.5         | 1.5                |
| MAIA                | N/A         | N/A                |
| Surface Detection   | VMS + 6p    | VMS + 6p           |
| Scan Method         | Measured    | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-09-21    | 2025-09-21    |
| psSAR1g [W/kg]      | 5.51          | 5.63          |
| psSAR10g [W/kg]     | 2.36          | 2.65          |
| Power Drift [dB]    | 0.01          | -0.01         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 79.5          |
| Dist 3dB Peak [mm]  |               | 9.1           |



System Check: Head 3500MHz

Exposure Conditions

| Phantom<br>Section, TSL | Position,<br>Test Distance<br>[mm] | Band           | Group,<br>UID | Frequency<br>[MHz],<br>Channel<br>Number | Conversion<br>Factor | TSL<br>Conductivity<br>[S/m] | TSL<br>Permittivity | Ambient<br>Temperature<br>[°C] | Liquid<br>Temperature<br>[°C] |
|-------------------------|------------------------------------|----------------|---------------|------------------------------------------|----------------------|------------------------------|---------------------|--------------------------------|-------------------------------|
| Flat,<br>HSL            |                                    | Custom<br>Band | CW,<br>0--    | 3500.0,<br>3500000                       | 6.56                 | 2.87                         | 38.6                | 22.4                           | 21.5                          |

Hardware Setup

| Phantom                                 | TSL, Measured Date |            | Probe, Calibration Date     | DAE, Calibration Date  |
|-----------------------------------------|--------------------|------------|-----------------------------|------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1859 | HBBL-600-10000     | 2025-09-22 | EX3DV4 - SN7607, 2025-08-06 | DAE4 Sn878, 2025-03-05 |

Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 80.0 x 80.0 | 28.0 x 28.0 x 28.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 5.0 x 5.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |
| Graded Grid         | Yes         | Yes                |
| Grading Ratio       | 1.5         | 1.5                |
| MAIA                | N/A         | N/A                |
| Surface Detection   | All points  | All points         |
| Scan Method         | Measured    | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-09-22    | 2025-09-22    |
| psSAR1g [W/kg]      | 6.49          | 6.67          |
| psSAR10g [W/kg]     | 2.39          | 2.57          |
| Power Drift [dB]    | -0.08         | 0.04          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 75.8          |
| Dist 3dB Peak [mm]  |               | 8.8           |

