

Appendix A

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| System Check 750 MHz Head |
| System Check 835 MHz Head |
| System Check 1750 MHz Head |
| System Check 1900 MHz Head |
| System Check 2600 MHz Head |

Summary

| Dipole | Frequency [MHz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
|-----------------|-----------------|-----|-------------|-------------|--------------|---------------|----------------|
| D750V3 – SN1231 | 750.0 | HSL | 20.0 | 0.6 | 1.4 | 13.5 | 5.2 |

Exposure Conditions

| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|------------------------------|--------------------|---------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, Head Simulating Liquid | 15 | CW, 0-- | | 750.000, 0 | 9.65 | 0.898 | 42.9 |

Hardware Setup

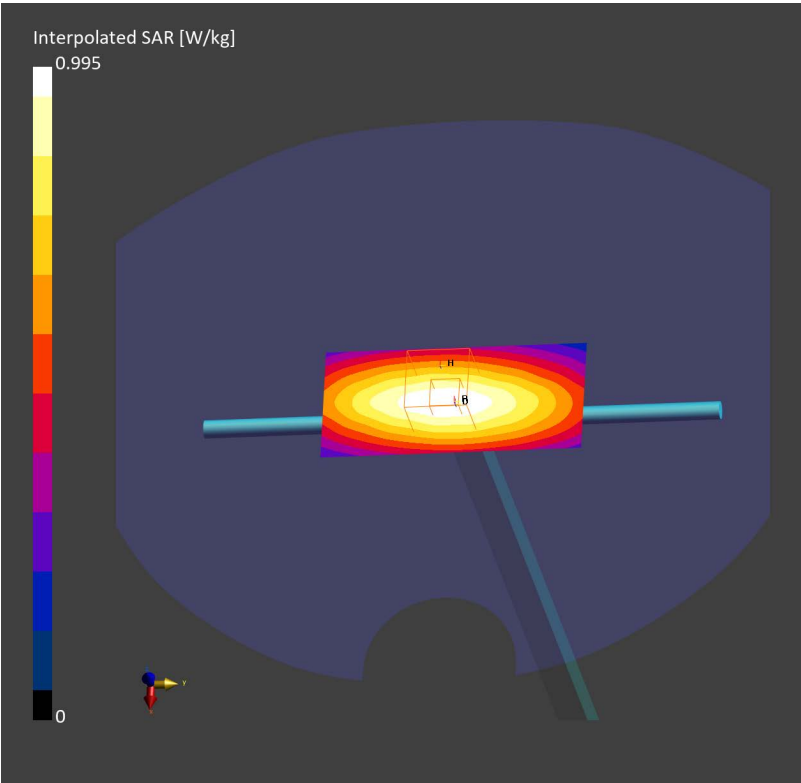
| Phantom | TSL | Probe, Calibration Date | DAE, Calibration Date |
|---|--------|-----------------------------|---------------------------|
| Twin-SAM V8.0 (30deg probe tilt) – 2168 | HSL750 | EX3DV4 – SN7812, 2024-06-25 | DAE4ip Sn1846, 2024-12-10 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 90.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm] | 10.0 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |
| Graded Grid | N/A | Yes |
| Grading Ratio | N/A | 1.5 |
| MAIA | N/A | N/A |
| Surface Detection | All points | All points |
| Scan Method | Measured | Measured |

Measurement Results

| | Area Scan | Zoom Scan |
|---------------------|-------------------|-------------------|
| Date | 2025-05-26, 07:30 | 2025-05-26, 07:40 |
| psSAR1g [W/Kg] | 0.864 | 0.872 |
| psSAR10g [W/Kg] | 0.577 | 0.575 |
| Power Drift [dB] | -0.06 | -0.00 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |



Summary

| Dipole | Frequency [MHz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
|------------------|-----------------|-----|-------------|-------------|--------------|---------------|----------------|
| D835V2 – SN4d302 | 835.0 | HSL | 20.0 | –2.5 | –1.9 | 11.9 | 5.2 |

Exposure Conditions

| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|------------------------------|--------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, Head Simulating Liquid | 15 | | CW, 0-- | 835.000, 0 | 9.35 | 0.921 | 42.0 |

Hardware Setup

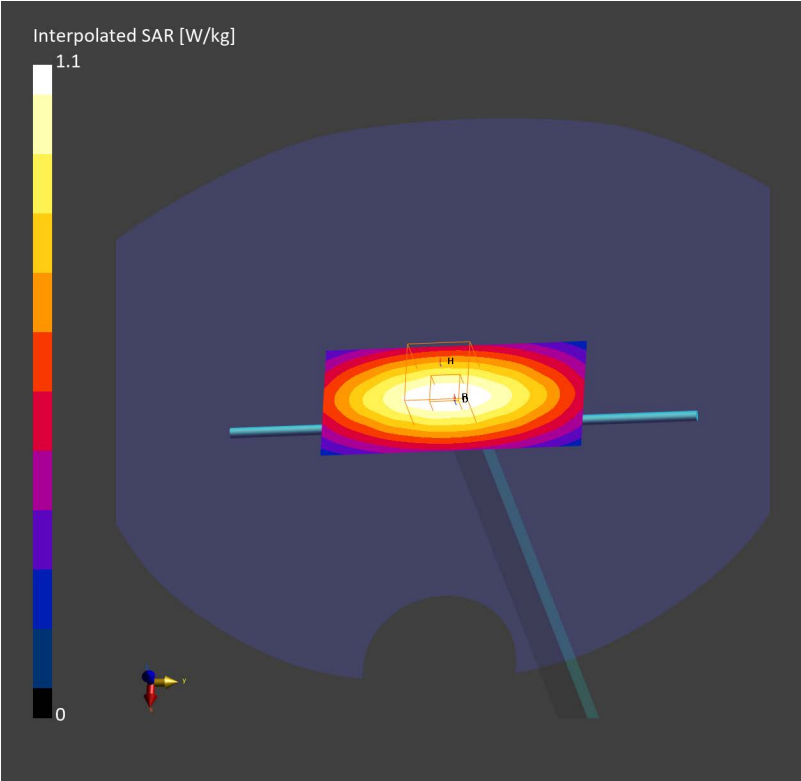
| Phantom | TSL | Probe, Calibration Date | DAE, Calibration Date |
|---|--------|-----------------------------|---------------------------|
| Twin-SAM V8.0 (30deg probe tilt) – 2168 | HSL835 | EX3DV4 – SN7812, 2024-06-25 | DAE4ip Sn1846, 2024-12-10 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 90.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm] | 10.0 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |
| Graded Grid | N/A | Yes |
| Grading Ratio | N/A | 1.5 |
| MAIA | N/A | N/A |
| Surface Detection | All points | All points |
| Scan Method | Measured | Measured |

Measurement Results

| | Area Scan | Zoom Scan |
|---------------------|-------------------|-------------------|
| Date | 2025-05-28, 08:07 | 2025-05-28, 08:17 |
| psSAR1g [W/Kg] | 0.951 | 0.959 |
| psSAR10g [W/Kg] | 0.627 | 0.628 |
| Power Drift [dB] | –0.03 | –0.02 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |



Summary

| Dipole | Frequency [MHz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
|------------------|-----------------|-----|-------------|-------------|--------------|---------------|----------------|
| D1750V2 – SN1115 | 1750.0 | HSL | 20.0 | −3.3 | −1.9 | 2.9 | 6.4 |

Exposure Conditions

| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|------------------------------|--------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, Head Simulating Liquid | 10 | | CW, 0-- | 1750.000, 0 | 8.11 | 1.38 | 40.1 |

Hardware Setup

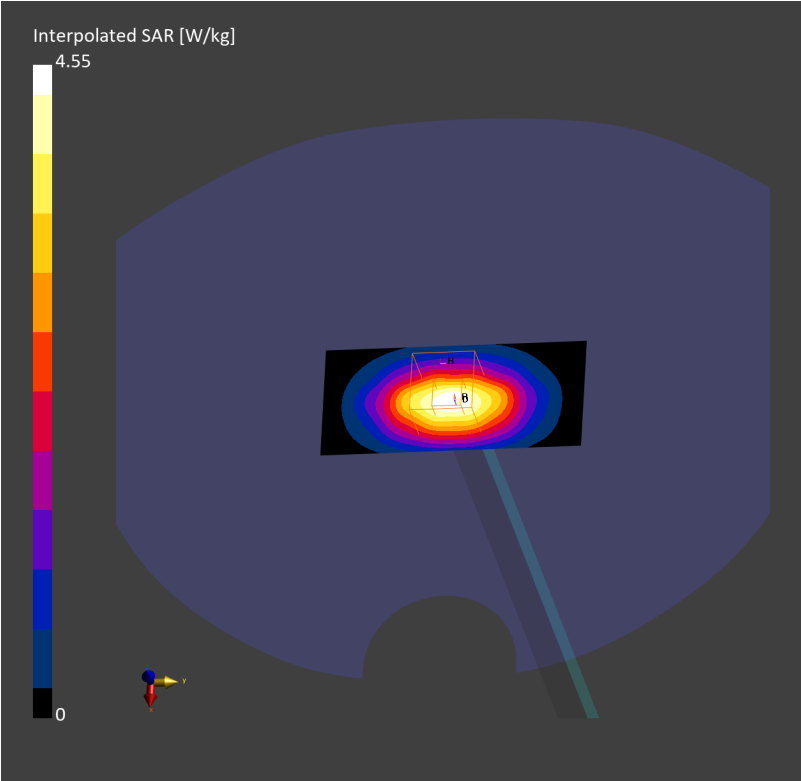
| Phantom | TSL | Probe, Calibration Date | DAE, Calibration Date |
|---|---------|-----------------------------|---------------------------|
| Twin-SAM V8.0 (30deg probe tilt) – 2168 | HSL1750 | EX3DV4 – SN7812, 2024-06-25 | DAE4ip Sn1846, 2024-12-10 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 90.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm] | 10.0 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |
| Graded Grid | N/A | Yes |
| Grading Ratio | N/A | 1.5 |
| MAIA | N/A | N/A |
| Surface Detection | All points | All points |
| Scan Method | Measured | Measured |

Measurement Results

| | Area Scan | Zoom Scan |
|---------------------|-------------------|-------------------|
| Date | 2025-05-27, 07:28 | 2025-05-27, 07:38 |
| psSAR1g [W/Kg] | 3.68 | 3.57 |
| psSAR10g [W/Kg] | 1.99 | 1.92 |
| Power Drift [dB] | −0.17 | −0.06 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |



Summary

| Dipole | Frequency [MHz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
|-----------------|-----------------|-----|-------------|-------------|--------------|---------------|----------------|
| D1900V2 – SN512 | 1900.0 | HSL | 20.0 | 2.5 | 3.0 | 8.2 | –5.8 |

Exposure Conditions

| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|------------------------------|--------------------|---------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, Head Simulating Liquid | 10 | CW, 0-- | | 1900.000, 0 | 7.76 | 1.42 | 40.2 |

Hardware Setup

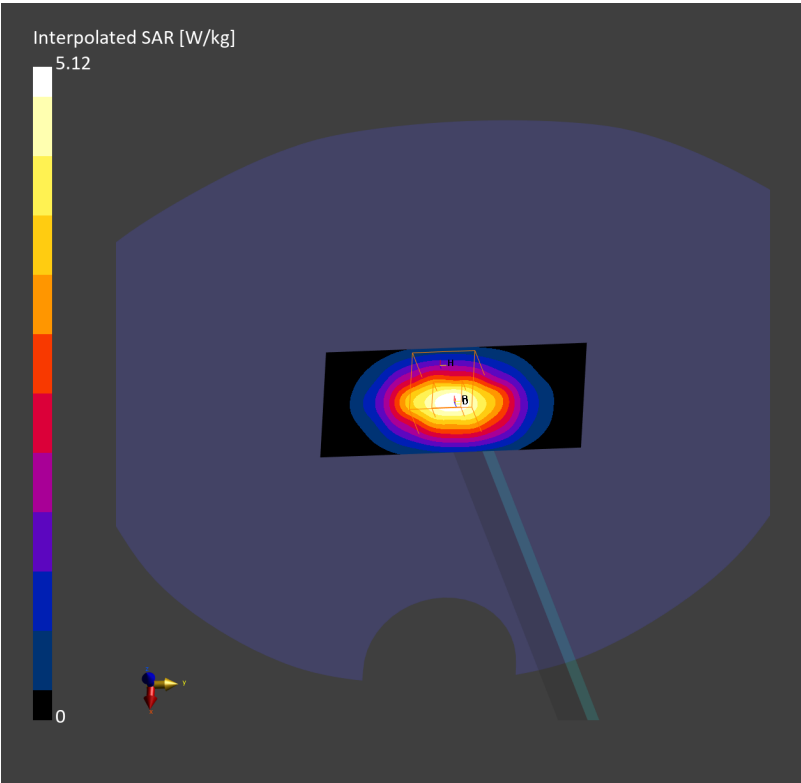
| Phantom | TSL | Probe, Calibration Date | DAE, Calibration Date |
|---|---------|-----------------------------|---------------------------|
| Twin-SAM V8.0 (30deg probe tilt) – 2168 | HSL1900 | EX3DV4 – SN7812, 2024–06–25 | DAE4ip Sn1846, 2024–12–10 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 90.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm] | 10.0 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |
| Graded Grid | N/A | Yes |
| Grading Ratio | N/A | 1.5 |
| MAIA | N/A | N/A |
| Surface Detection | All points | All points |
| Scan Method | Measured | Measured |

Measurement Results

| | Area Scan | Zoom Scan |
|---------------------|-------------------|-------------------|
| Date | 2025–05–27, 09:38 | 2025–05–27, 09:48 |
| psSAR1g [W/Kg] | 4.07 | 4.07 |
| psSAR10g [W/Kg] | 2.12 | 2.12 |
| Power Drift [dB] | –0.03 | –0.03 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |



Summary

| Dipole | Frequency [MHz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
|------------------|-----------------|-----|-------------|-------------|--------------|---------------|----------------|
| D2600V2 – SN1094 | 2600.0 | HSL | 20.0 | –6.4 | –3.8 | –6.9 | 5.5 |

Exposure Conditions

| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|------------------------------|--------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, Head Simulating Liquid | 10 | | CW, 0-- | 2600.000, 0 | 7.09 | 1.99 | 39.1 |

Hardware Setup

| Phantom | TSL | Probe, Calibration Date | DAE, Calibration Date |
|---|---------|-----------------------------|---------------------------|
| Twin-SAM V8.0 (30deg probe tilt) – 2168 | HSL2600 | EX3DV4 – SN7812, 2024-06-25 | DAE4ip Sn1846, 2024-12-10 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 10.0 x 12.0 | 5.0 x 5.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |
| Graded Grid | N/A | Yes |
| Grading Ratio | N/A | 1.5 |
| MAIA | N/A | N/A |
| Surface Detection | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |

Measurement Results

| | Area Scan | Zoom Scan |
|---------------------|-------------------|-------------------|
| Date | 2025-06-10, 18:45 | 2025-06-10, 18:52 |
| psSAR1g [W/Kg] | 5.62 | 5.30 |
| psSAR10g [W/Kg] | 2.54 | 2.41 |
| Power Drift [dB] | –0.23 | –0.06 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |

