

Appendix A

| System Check 13 MHz Head |
|----------------------------|
| System Check 750 MHz Head |
| System Check 835 MHz Head |
| System Check 1750 MHz Head |
| System Check 1950 MHz Head |
| System Check 2300 MHz Head |
| System Check 2450 MHz Head |
| System Check 2600 MHz Head |
| System Check 3500 MHz Head |
| System Check 3700 MHz Head |
| System Check 5200 MHz Head |
| System Check 5300 MHz Head |
| System Check 5600 MHz Head |
| System Check 5800 MHz Head |
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System Performance Check Report

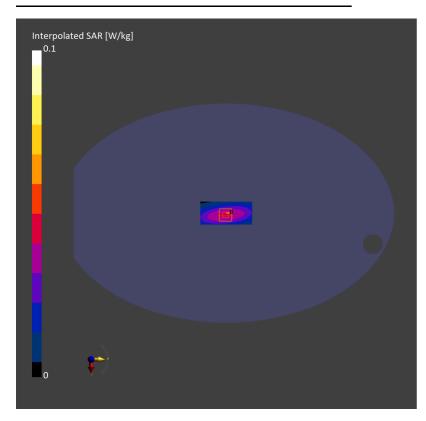
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| Dipole | Frequency [MHz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
|-------------------------|--------------------|-----------------|---------------------|------------------|-------------------|------------------------|------------------|
| CLA-13 - SN1043 | 13.0 | HSL | 20.0 | 27.7 | 28.1 | n/a | 2.0 |
| Exposure Condition | S | | | | | | |
| Phantom Section, TSL | Test Distance [mm] | Band Group, UID | Frequency [MHz], Cl | hannel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL | 0 | CW, 0 | 13.000, 0 | | 18.28 | 0.764 | 55.9 |
| Hardware Setup | | | | | | | |
| Phantom | | TSL | Probe, Calibra | ition Date | | DAE, Calibration Date | |
| ELI V8.0 (20deg probe t | ilt) - 2227 | HSL3-6GHz | EX3DV4 - SN7 | 7858, 2024-01-09 | | DAE4ip Sn1847, 2024-12 | -31 |

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| Scans Setup | | |
|---------------------|-------------|--------------------|
| | Area Scan | Zoom Scan |
| Grid Extents [mm] | 40.0 × 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 | Y | N/A |
| Surface Detection | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |

| Measurement Results | | |
|---------------------|-------------------|-------------------|
| | Area Scan | Zoom Scan |
| Date | 2025-01-02, 12:57 | 2025-01-02, 13:04 |
| psSAR1g [W/Kg] | 0.050 | 0.049 |
| psSAR10g [W/Kg] | 0.033 | 0.031 |
| Power Drift [dB] | 0.01 | 0.04 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| | | • |



System Performance Check Report

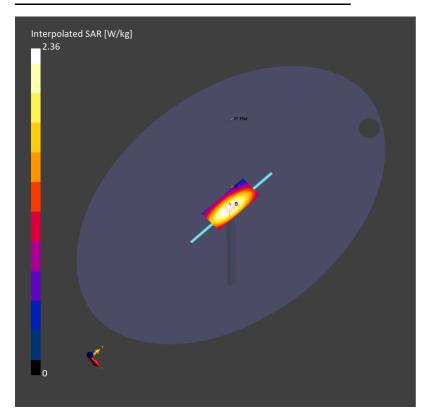
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|-------------------------|--------------------|-----------|------------|----------------|--------------------|-------------------|-------------------------|------------------|
| Dipole | Frequency [MH: | <u>z]</u> | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
| D750V3 - SN1231 | 750.0 | | HSL | 24.0 | -3.5 | -3.3 | 10.5 | -1.7 |
| Exposure Condition | S | | | | | | | |
| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MH: | z], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL | 15 | | CW, 0 | 750.000, 0 | | 9.65 | 0.895 | 42.5 |
| Hardware Setup | | | | | | | | |
| Phantom | | | TSL | Probe, Calibra | ation Date | DA | AE, Calibration Date | |
| ELI V8.0 (20deg probe t | ilt) – 2222 | | HSL750 | EX3DV4 – SN | 7812, 2024-06-25 | DA | NE4ip Sn1847, 2024-01-0 |)4 |

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| | 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 | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |

| Measurement Results | | |
|---------------------|-------------------|-------------------|
| | Area Scan | Zoom Scan |
| Date | 2024-12-15, 11:01 | 2024-12-15, 11:07 |
| psSAR1g [W/Kg] | 2.06 | 2.10 |
| psSAR10g [W/Kg] | 1.39 | 1.38 |
| Power Drift [dB] | -0.01 | 0.01 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| | | |



System Performance Check Report

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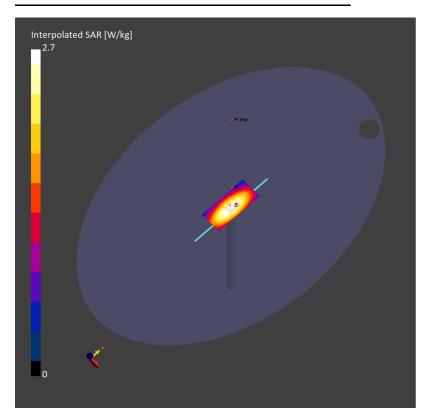
| Dipole | Frequency [Mi | H=1 | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
|-------------------------|--------------------|------|------------|-----------------|------------------|-------------------|------------------------|------------------|
| Біроїс | Trequency [wi | 12] | 132 | Tower [abiii] | Dcv. 1g [/0] | Dev. rog [/0] | Dev. Fear [70] | 130. E1101 [/0] |
| D835V2 – SN4d302 | 835.0 | | HSL | 24.0 | -3.2 | -3.2 | 12.7 | 1.7 |
| Exposure Condition | S | | | | | | | |
| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz] | , Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL | 15 | | CW, 0 | 835.000, 0 | | 9.35 | 0.918 | 41.9 |
| Hardware Setup | | | | | | | | |
| Phantom | | | TSL | Probe, Calibrat | ion Date | DA | E, Calibration Date | |
| ELI V8.0 (20deg probe t | ilt) – 2222 | | HSL835 | EX3DV4 - SN7 | 812, 2024-06-25 | DA | E4ip Sn1847, 2024-01-0 | 4 |

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| Scans Setup | | |
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| | Area Scan | Zoom Scan |
| Grid Extents [mm] | 40.0 × 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 | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |

| Measurement | Results |
|-------------|---------|
|-------------|---------|

| Measurement Results | | |
|---------------------|-------------------|-------------------|
| | Area Scan | Zoom Scan |
| Date | 2024-12-15, 11:17 | 2024-12-15, 11:24 |
| psSAR1g [W/Kg] | 2.35 | 2.39 |
| psSAR10g [W/Kg] | 1.56 | 1.55 |
| Power Drift [dB] | 0.00 | 0.01 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| | | |



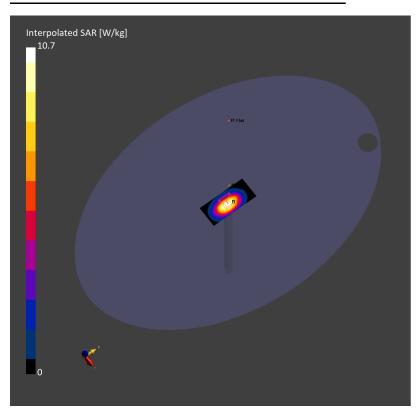
System Performance Check Report

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|-------------------------|--------------------|------|------------|-------------------------|-------------------|---------------------------|------------------------|------------------|
| Dipole | Frequency [Mi | Hz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
| D1750V2 - SN1115 | 1750.0 | | HSL | 24.0 | -4.6 | -3.7 | 3.3 | -1.8 |
| Exposure Condition | S | | | | | | | |
| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz |], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL | 10 | | CW, 0 | 1750.000, 0 | | 8.11 | 1.38 | 40.1 |
| Hardware Setup | | | | | | | | |
| Phantom | Phantom | | TSL | Probe, Calibration Date | | DAE, Calibration Date | | |
| ELI V8.0 (20deg probe t | tilt) – 2222 | | HSL1750 | EX3DV4 - SN | N7812, 2024-06-25 | DAE4ip Sn1847, 2024-01-04 | | 04 |

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|---------------------|-------------|--------------------|
| | 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 | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |
| | | |

| Measurement results | | |
|---------------------|-------------------|-------------------|
| | Area Scan | Zoom Scan |
| Date | 2024-12-18, 07:56 | 2024-12-18, 08:02 |
| psSAR1g [W/Kg] | 8.76 | 8.89 |
| psSAR10g [W/Kg] | 4.81 | 4.74 |
| Power Drift [dB] | -0.03 | -0.01 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| | | |



System Performance Check Report

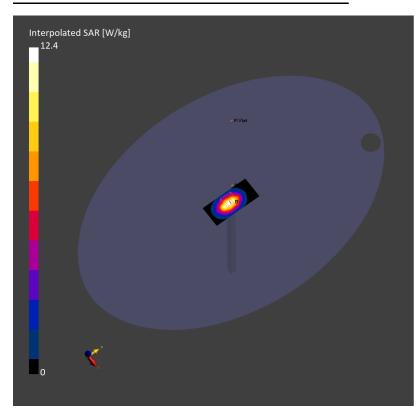
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| Dipole | Frequency [Mi | Hz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
|-------------------------|--------------------|------|------------|--------------------|----------------|-------------------|-------------------------|------------------|
| D1950V3 - SN1266 | 1950.0 | | HSL | 24.0 | -2.6 | -2.3 | 6.4 | 1.8 |
| Exposure Condition | S | | | | | | | |
| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz], C | Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL | 10 | | CW, 0 | 1950.000, 0 | | 7.76 | 1.41 | 40.3 |
| Hardware Setup | | | | | | | | |
| Phantom | | | TSL | Probe, Calibrati | on Date | DA | AE, Calibration Date | |
| ELI V8.0 (20deg probe t | ilt) – 2222 | | HSL1950 | EX3DV4 - SN78 | 12, 2024-06-25 | DA | AE4ip Sn1847, 2024-01-0 | 04 |

| Scans | Setup |
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| Area Scan | Zoom Scan |
|-------------|--|
| 40.0 x 90.0 | 32.0 x 32.0 x 30.0 |
| 10.0 x 15.0 | 6.0 x 6.0 x 1.5 |
| 3.0 | 1.4 |
| N/A | Yes |
| N/A | 1.5 |
| N/A | N/A |
| VMS + 6p | VMS + 6p |
| Measured | Measured |
| | 40.0 x 90.0 10.0 x 15.0 3.0 N/A N/A N/A VMS + 6p |

| | Area Scan | Zoom Scan |
|---------------------|-------------------|-------------------|
| Date | 2024-12-18, 08:11 | 2024-12-18, 08:17 |
| psSAR1g [W/Kg] | 9.93 | 9.96 |
| psSAR10g [W/Kg] | 5.10 | 5.11 |
| Power Drift [dB] | 0.00 | -0.01 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| | | |



System Performance Check Report

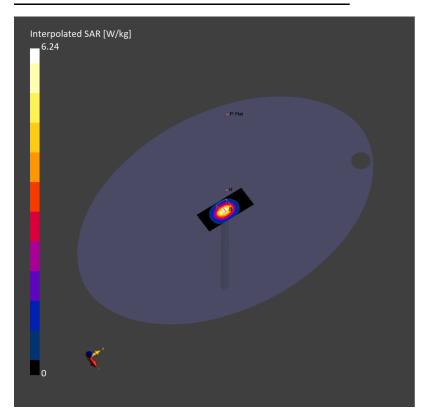
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| Dipole | Frequency [Mi | Hz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
|-------------------------|--------------------|------|------------|----------------|-------------------|-------------------|------------------------|------------------|
| D2300V2 - SN1137 | 2300.0 | | HSL | 20.0 | -3.9 | -5.3 | 3.3 | -1.8 |
| Exposure Conditions | S | | | | | | | |
| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz |], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL | 10 | | CW, 0 | 2300.000, 0 | | 7.51 | 1.67 | 39.3 |
| Hardware Setup | | | | | | | | |
| Phantom | | | TSL | Probe, Calibr | ration Date | D/ | AE, Calibration Date | |
| ELI V8.0 (20deg probe t | :ilt) - 2222 | | HSL2300 | EX3DV4 - SN | 17812, 2024-06-25 | D/ | AE4ip Sn1846, 2024-12- | 10 |

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| | 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 | All points |
| Scan Method | Measured | Measured |

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|---------------------|-------------------|-------------------|
| | Area Scan | Zoom Scan |
| Date | 2024-12-22, 08:53 | 2024-12-22, 09:03 |
| psSAR1g [W/Kg] | 4.81 | 4.75 |
| psSAR10g [W/Kg] | 2.31 | 2.27 |
| Power Drift [dB] | -0.06 | -0.05 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| | | |



System Performance Check Report

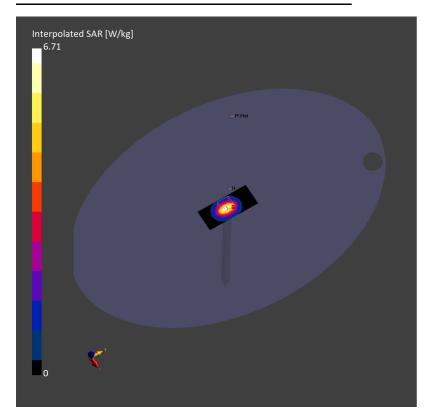
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| Dipole | Frequency [Mi | lz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
|-------------------------|--------------------|------|------------|----------------|-------------------|-------------------|------------------------|------------------|
| D2450V2 - SN1099 | 2450.0 | | HSL | 20.0 | -3.5 | -2.5 | -4.0 | -5.7 |
| Exposure Condition | s | | | | | | | |
| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz |], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL | 10 | | CW, 0 | 2450.000, 0 | | 7.03 | 1.81 | 39.7 |
| Hardware Setup | | | | | | | | |
| Phantom | | | TSL | Probe, Calibi | ration Date | D/ | AE, Calibration Date | |
| ELI V8.0 (20deg probe t | tilt) – 2222 | | HSL2450 | EX3DV4 – SN | 17858, 2024-01-09 | D/ | AE4ip Sn1846, 2023-11- | 29 |

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| | 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 | 2024-11-07, 00:53 | 2024-11-07, 01:00 |
| psSAR1g [W/Kg] | 5.11 | 4.96 |
| psSAR10g [W/Kg] | 2.37 | 2.33 |
| Power Drift [dB] | -0.01 | -0.01 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| | | |



System Performance Check Report

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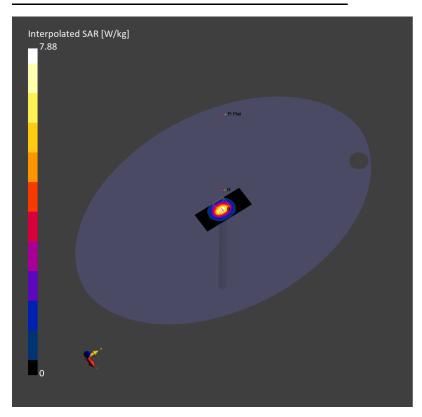
| Dipole | Frequency [Mi | Hz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
|-------------------------|--------------------|------|------------|----------------------|--------------|-------------------|------------------------|------------------|
| D2600V2 - SN1094 | 2600.0 | | HSL | 20.0 | 4.0 | 5.5 | 5.4 | 2.1 |
| Exposure Condition | S | | | | | | | |
| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz], Cha | annel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL | 10 | | CW, 0 | 2600.000, 0 | | 7.09 | 1.99 | 39.0 |
| Hardware Setup | | | | | | | | |
| Phantom | | | TSL | Probe, Calibration | Date | DA | AE, Calibration Date | |
| ELI V8.0 (20deg probe t | tilt) – 2222 | | HSL2600 | EX3DV4 - SN7812 | , 2024-06-25 | D <i>A</i> | AE4ip Sn1846, 2024-12- | 10 |

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| | 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 | All points |
| Scan Method | Measured | Measured |

| Measurement | Results |
|-------------|---------|
|-------------|---------|

| | Area Scan | Zoom Scan |
|---------------------|-------------------|-------------------|
| Date | 2024-12-22, 19:19 | 2024-12-22, 19:29 |
| psSAR1g [W/Kg] | 5.92 | 5.89 |
| psSAR10g [W/Kg] | 2.68 | 2.64 |
| Power Drift [dB] | -0.02 | -0.08 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| | | |



System Performance Check Report

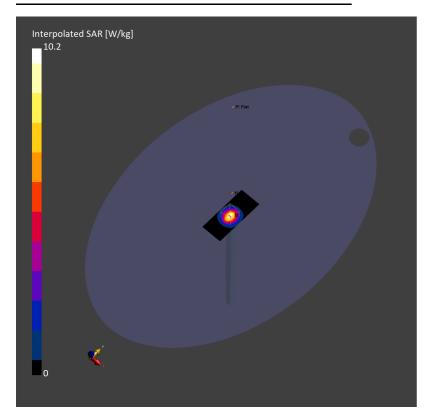
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|----|---|---|---|----|
| Su | m | m | a | rv |

| Dipole | Frequency [Mi | Hz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
|-------------------------|--------------------|------|------------|----------------|-------------------|-------------------|------------------------|------------------|
| D3500V2 - SN1150 | 3500.0 | | HSL | 20.0 | 6.3 | 8.6 | 4.7 | -4.3 |
| Exposure Condition | S | | | | | | | |
| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz |], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL | 10 | | CW, 0 | 3500.000, 0 | | 6.7 | 2.89 | 38.2 |
| Hardware Setup | | | | | | | | |
| Phantom | | | TSL | Probe, Calibr | ration Date | D | AE, Calibration Date | |
| ELI V8.0 (20deg probe t | ilt) – 2222 | | HSL3500 | EX3DV4 – SN | 17858, 2024-01-09 | D/ | AE4ip Sn1846, 2024-12- | 10 |

| Scans | Setup |
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| | Area Scan | Zoom Scan |
| Grid Extents [mm] | 40.0 x 96.0 | 30.0 x 30.0 x 24.0 |
| Grid Steps [mm] | 10.0 x 12.0 | 5.0 x 5.0 x 1.4 |
| 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 | All points |
| Scan Method | Measured | Measured |

| Area Scan | Zoom Scan |
|-------------------|--|
| 2025-01-06, 07:17 | 2025-01-06, 07:27 |
| 7.08 | 7.03 |
| 2.70 | 2.72 |
| -0.10 | -0.04 |
| Disabled | Disabled |
| | |
| No correction | No correction |
| | 2025-01-06, 07:17 7.08 2.70 -0.10 Disabled |



System Performance Check Report

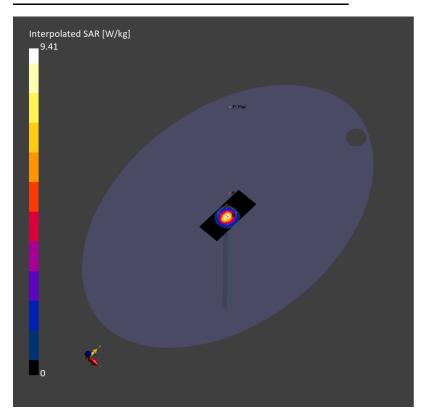
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| D3700V2 - SN1127 3700.0 HSL 20.0 2.2 5.3 2.6 -4.3 Exposure Conditions Phantom Section, TSL Test Distance [mm] Band Group, UID Frequency [MHz], Channel Number Conversion Factor TSL Conductivity [S/m] TSL | Julilliary | | | | | | | | |
|--|-----------------------|--------------------|------|------------|----------------|-------------------|---------------------------|------------------------|------------------|
| Exposure Conditions Phantom Section, TSL Test Distance [mm] Band Group, UID Frequency [MHz], Channel Number Conversion Factor TSL Conductivity [S/m] TSL Flat, HSL 10 CW, 0 3700.000, 0 6.74 3.11 3.11 Hardware Setup Phantom TSL Probe, Calibration Date DAE, Calibration Date | Dipole | Frequency [MI | Hz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
| Phantom Section, TSL Test Distance [mm] Band Group, UID Frequency [MHz], Channel Number Conversion Factor TSL Conductivity [S/m] TSL Flat, HSL 10 CW, 0 3700.000, 0 6.74 3.11 3: Hardware Setup Phantom TSL Probe, Calibration Date DAE, Calibration Date | D3700V2 - SN1127 | 3700.0 | | HSL | 20.0 | 2.2 | 5.3 | 2.6 | -4.3 |
| Flat, HSL 10 CW, 0 3700.000, 0 6.74 3.11 3: Hardware Setup Phantom TSL Probe, Calibration Date DAE, Calibration Date | Exposure Condition | S | | | | | | | |
| Hardware Setup Phantom TSL Probe, Calibration Date DAE, Calibration Date | Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz |], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Phantom TSL Probe, Calibration Date DAE, Calibration Date | Flat, HSL | 10 | | CW, 0 | 3700.000, 0 | | 6.74 | 3.11 | 38.0 |
| | Hardware Setup | | | | | | | | |
| ELI V8.0 (20deg probe tilt) – 2222 HSL3700 EX3DV4 – SN7858, 2024–01–09 DAE4ip Sn1846, 2024–12–10 | Phantom | | | TSL | Probe, Calibi | ration Date | D | AE, Calibration Date | |
| | ELI V8.0 (20deg probe | tilt) – 2222 | | HSL3700 | EX3DV4 - SN | 17858, 2024-01-09 | DAE4ip Sn1846, 2024-12-10 | | 10 |

| Scal | nc | Se | ıtد | ın |
|------|----|----|-----|----|
| | | | | |

| ocano octup | | |
|---------------------|-------------|--------------------|
| | Area Scan | Zoom Scan |
| Grid Extents [mm] | 40.0 x 96.0 | 30.0 x 30.0 x 24.0 |
| Grid Steps [mm] | 10.0 x 12.0 | 5.0 x 5.0 x 1.4 |
| 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 | 2025-01-06, 08:13 | 2025-01-06, 08:19 |
| psSAR1g [W/Kg] | 6.58 | 6.79 |
| psSAR10g [W/Kg] | 2.48 | 2.53 |
| Power Drift [dB] | 0.00 | -0.01 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| | | |



System Performance Check Report

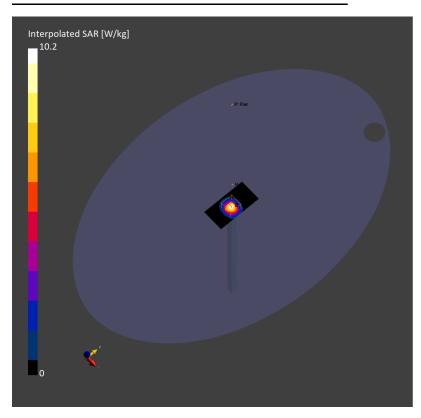
| _ | | | | |
|----|---|---|---|----|
| Su | m | m | a | rv |

| Dipole | Frequency [M | Hz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
|-------------------------|--------------------|------|------------|---------------------|---------------|---------------------------|------------------------|-----------------|
| D5GHzV2 - SN1371 | 5200.0 | | HSL | 20.0 | 1.0 | 1.9 | -0.7 | 1.6 |
| Exposure Condition | s | | | | | | | |
| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz], Ch | nannel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivit |
| Flat, HSL | 10 | | CW, 0 | 5200.000, 0 | | 5.46 | 4.64 | 35.7 |
| Hardware Setup | | | | | | | | |
| Phantom | | | TSL | Probe, Calibratio | n Date | D | AE, Calibration Date | |
| ELI V8.0 (20deg probe t | ilt) – 2222 | | HSL5GHz | EX3DV4 - SN785 | 8, 2024-01-09 | DAE4ip Sn1846, 2023-11-29 | | 29 |

| _ | | _ | | |
|-----|----|------------|----|----|
| Sca | nc | \ <u>_</u> | tı | ın |
| | | | | |

| Jeans Jetup | | |
|---------------------|-------------|--------------------|
| | Area Scan | Zoom Scan |
| Grid Extents [mm] | 40.0 × 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 |
| Graded Grid | N/A | Yes |
| Grading Ratio | N/A | 1.4 |
| MAIA | N/A | N/A |
| Surface Detection | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |

| Measurement results | | |
|---------------------|-------------------|-------------------|
| | Area Scan | Zoom Scan |
| Date | 2024-11-08, 09:41 | 2024-11-08, 09:47 |
| psSAR1g [W/Kg] | 6.92 | 7.98 |
| psSAR10g [W/Kg] | 2.18 | 2.29 |
| Power Drift [dB] | -0.00 | 0.03 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| | | |



System Performance Check Report

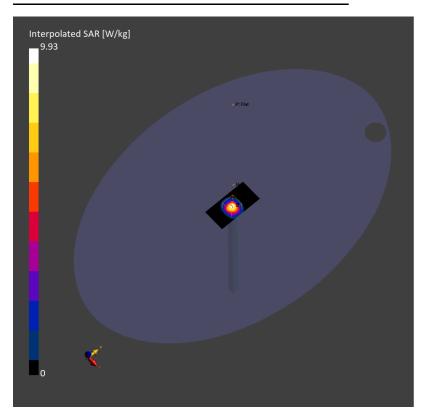
| _ | | | | |
|----|---|---|---|----|
| Su | m | m | a | rv |

| Dipole Frequency [MHz] TSL Power [dBm] Dev. 1g [%] Dev. 10g [%] Dev. Peak D5GHzV2 - SN1371 5300.0 HSL 20.0 -4.5 -4.5 -3.9 Exposure Conditions Phantom Section, TSL Test Distance [mm] Band Group, UID Frequency [MHz], Channel Number Conversion Factor TSL Conduction Flat, HSL 10 CW, 0 5300.000, 0 5.46 4.75 | |
|---|--------------------------------|
| Exposure Conditions Phantom Section, TSL Test Distance [mm] Band Group, UID Frequency [MHz], Channel Number Conversion Factor TSL Condu | [%] Iso. Error [%] |
| Phantom Section, TSL Test Distance [mm] Band Group, UID Frequency [MHz], Channel Number Conversion Factor TSL Condu | 1.9 |
| | |
| Flat. HSL 10 CW. 0 5300.000. 0 5.46 4.75 | ctivity [S/m] TSL Permittivity |
| | 35.7 |
| Hardware Setup | |
| Phantom TSL Probe, Calibration Date DAE, Calibration | n Date |
| ELI V8.0 (20deg probe tilt) – 2222 HSL5GHz EX3DV4 – SN7858, 2024–01–09 DAE4ip Sn1846 | 5, 2023-11-29 |

Scans Setup

| Jeans Jetup | | |
|---------------------|-------------|--------------------|
| | 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 |
| Graded Grid | N/A | Yes |
| Grading Ratio | N/A | 1.4 |
| MAIA | N/A | N/A |
| Surface Detection | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |

| measurement nesures | | |
|---------------------|-------------------|-------------------|
| | Area Scan | Zoom Scan |
| Date | 2024-11-08, 10:04 | 2024-11-08, 10:11 |
| psSAR1g [W/Kg] | 6.71 | 7.74 |
| psSAR10g [W/Kg] | 2.10 | 2.21 |
| Power Drift [dB] | 0.00 | 0.01 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| | | |



System Performance Check Report

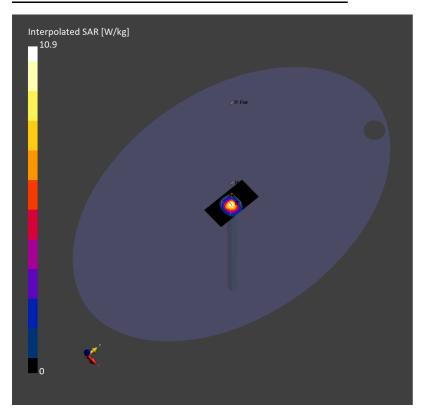
| _ | | | | |
|----|---|---|---|----|
| Su | m | m | a | rv |

| D5GHzV2 - SN1371 5600.0 HSL 20.0 4.0 3.6 6.1 2.6 Exposure Conditions | Julillaly | | | | | | | | |
|---|-----------------------|--------------------|------|------------|----------------|-------------------|-------------------------------|------------------------|------------------|
| Exposure Conditions Phantom Section, TSL Test Distance [mm] Band Group, UID Frequency [MHz], Channel Number Conversion Factor TSL Conductivity [S/m] TSL Perr Flat, HSL 10 CW, 0 5600.000, 0 4.75 5.11 34.7 Hardware Setup Phantom TSL Probe, Calibration Date DAE, Calibration Date | Dipole | Frequency [M | Hz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
| Phantom Section, TSL Test Distance [mm] Band Group, UID Frequency [MHz], Channel Number Conversion Factor TSL Conductivity [S/m] TSL Per Flat, HSL 10 CW, 0 5600.000, 0 4.75 5.11 34.7 Hardware Setup Phantom TSL Probe, Calibration Date DAE, Calibration Date | D5GHzV2 - SN1371 | 5600.0 | | HSL | 20.0 | 4.0 | 3.6 | 6.1 | 2.6 |
| Flat, HSL 10 CW, 0 5600.000, 0 4.75 5.11 34.7 Hardware Setup Phantom TSL Probe, Calibration Date DAE, Calibration Date | Exposure Condition | S | | | | | | | |
| Hardware Setup Phantom TSL Probe, Calibration Date DAE, Calibration Date | Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz |], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Phantom TSL Probe, Calibration Date DAE, Calibration Date | Flat, HSL | 10 | | CW, 0 | 5600.000, 0 | | 4.75 | 5.11 | 34.7 |
| | Hardware Setup | | | | | | | | |
| ELI V8.0 (20deg probe tilt) – 2222 HSL5GHz EX3DV4 – SN7858, 2024–01–09 DAE4ip Sn1846, 2023–11–29 | Phantom | | | TSL | Probe, Calibi | ration Date | D | AE, Calibration Date | |
| | ELI V8.0 (20deg probe | tilt) – 2222 | | HSL5GHz | EX3DV4 - SN | 17858, 2024-01-09 | -09 DAE4ip Sn1846, 2023-11-29 | | 29 |

Scans 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 |
| Graded Grid | N/A | Yes |
| Grading Ratio | N/A | 1.4 |
| MAIA | N/A | N/A |
| Surface Detection | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |

| Area Scan | Zoom Scan |
|-------------------|--|
| 2024-11-08, 10:31 | 2024-11-08, 10:37 |
| 7.46 | 8.60 |
| 2.29 | 2.43 |
| -0.00 | 0.01 |
| Disabled | Disabled |
| | |
| No correction | No correction |
| | 2024-11-08, 10:31 7.46 2.29 -0.00 Disabled |



System Performance Check Report

| _ | | | | |
|----|---|---|---|----|
| Su | m | m | a | rv |

| Dipole | Frequency [MI | Hz] | TSL | Power [dBm] | Dev. 1g [%] | Dev. 10g [%] | Dev. Peak [%] | Iso. Error [%] |
|-------------------------|--------------------|------|------------|-----------------|-------------------|-------------------|------------------------|------------------|
| D5GHzV2 - SN1371 | 5800.0 | | HSL | 20.0 | -2.0 | -1.8 | -0.2 | 1.7 |
| Exposure Condition | S | | | | | | | |
| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz] |], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, HSL | 10 | | CW, 0 | 5800.000, 0 | | 4.9 | 5.28 | 34.6 |
| Hardware Setup | | | | | | | | |
| Phantom | | | TSL | Probe, Calibr | ration Date | D. | AE, Calibration Date | |
| ELI V8.0 (20deg probe t | tilt) – 2222 | | HSL5GHz | EX3DV4 – SN | 17858, 2024-01-09 | D. | AE4ip Sn1846, 2023-11- | 29 |

| Scane | Catura |
|-------|--------|

| scans setup | | |
|---------------------|-------------|--------------------|
| | Area Scan | Zoom Scan |
| Grid Extents [mm] | 40.0 × 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 |
| Graded Grid | N/A | Yes |
| Grading Ratio | N/A | 1.4 |
| MAIA | N/A | N/A |
| Surface Detection | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |

| Measurement | Results |
|-------------|---------|
|-------------|---------|

| Measurement Results | | |
|---------------------|-------------------|-------------------|
| | Area Scan | Zoom Scan |
| Date | 2024-11-08, 10:47 | 2024-11-08, 10:54 |
| psSAR1g [W/Kg] | 7.12 | 7.85 |
| psSAR10g [W/Kg] | 2.10 | 2.21 |
| Power Drift [dB] | 0.01 | 0.02 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| | | |

