

2023-12-26 System Performance Check Report D5GHzV2 - SN1213

Summary

| | | | |
|-----------------------|------------------|----------------|------|
| Dipole | D5GHzV2 - SN1213 | | |
| Frequency [MHz] | 5250.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | 3.2 |
| Power [dBm] | 17.0 | Iso. Error [%] | -1.4 |

Exposure Conditions

| | | | |
|----------------------|-----|------------------------|------|
| Dipole Distance [mm] | 10 | TSL Permittivity | 36.0 |
| Conversion Factor | 6.2 | TSL Conductivity [S/m] | 4.82 |

Hardware Setup

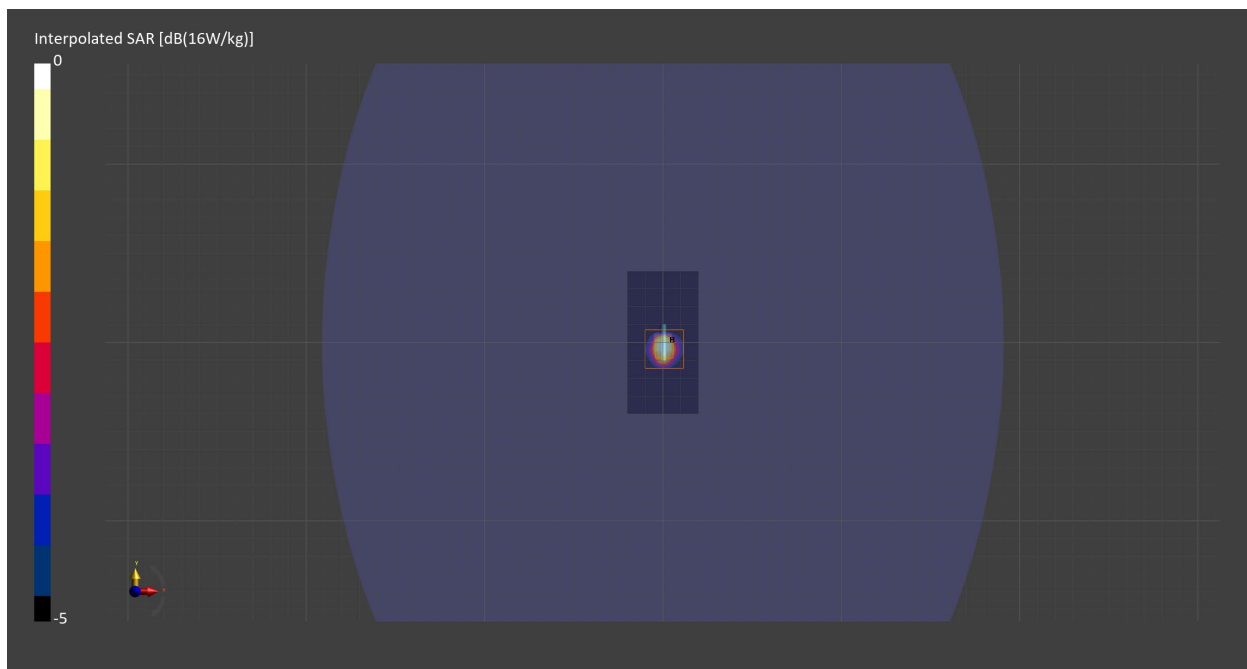
| | | | |
|--------------------------|------------------------------|------------------|--------------------------------------|
| Probe Calibration Date | EX3DV4 - SN7710 2023-02-03 | Phantom | ELI V8.0 (20deg probe tilt) - SN2081 |
| DAE Calibration Date | DAE4 Sn1715 2023-01-23 | TSL Meas. Date | HBBL600-10000V6 2023-Dec-26 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 80.0 | 22.0 x 22.0 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 |
| M2/M1 [%] | | 63.4 |
| Dist 3dB Peak [mm] | | 7.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|-------------|
| psSAR1g [W/Kg] | 3.61 | 4.03 |
| psSAR10g [W/Kg] | 1.08 | 1.15 |
| Power Drift [dB] | N/A | -0.03 |



2024-02-16 System Performance Check Report D6.5GHzV2 - SN1068

Summary

| | | | |
|-----------------------|--------------------|----------------|------|
| Dipole | D6.5GHzV2 - SN1068 | | |
| Frequency [MHz] | 6500.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | 5.6 |
| Power [dBm] | 17.0 | Iso. Error [%] | -2.4 |

Exposure Conditions

| | | | |
|----------------------|------|------------------------|------|
| Dipole Distance [mm] | 5 | TSL Permittivity | 34.0 |
| Conversion Factor | 5.24 | TSL Conductivity [S/m] | 6.29 |

Hardware Setup

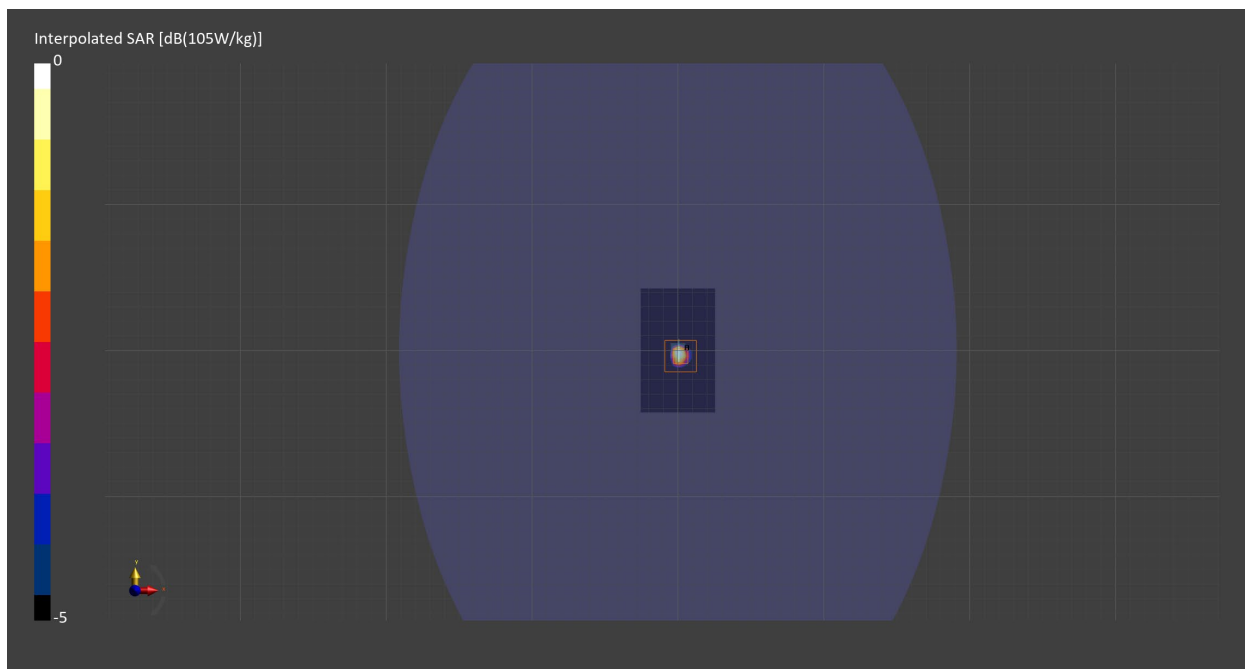
| | | | |
|--------------------------|------------------------------|------------------|--------------------------------------|
| Probe Calibration Date | EX3DV4 - SN7710 2024-01-16 | Phantom | ELI V8.0 (20deg probe tilt) - SN2081 |
| DAE Calibration Date | DAE4 Sn1357 2024-01-09 | TSL Meas. Date | HBBL600-10000V6 2024-Feb-15 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 51.0 x 85.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm] | 8.5 x 8.5 | 3.4 x 3.4 x 1.4 |
| Sensor Surface [mm] | 3.0 | 1.4 |
| Graded Grid | N/A | Yes |
| M2/M1 [%] | | 51.0 |
| Dist 3dB Peak [mm] | | 4.8 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|-------------|
| psSAR1g [W/Kg] | 12.7 | 16.2 |
| psSAR10g [W/Kg] | 2.79 | 2.98 |
| Power Drift [dB] | N/A | 0.03 |



2024-04-09 System Performance Check Report D2450V2 - SN963

Summary

| | | | |
|-----------------------|-----------------|----------------|------|
| Dipole | D2450V2 - SN963 | | |
| Frequency [MHz] | 2450.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | -2.8 |
| Power [dBm] | 17.0 | Iso. Error [%] | 2.0 |

Exposure Conditions

| | | | |
|----------------------|------|------------------------|------|
| Dipole Distance [mm] | 10 | TSL Permittivity | 41.0 |
| Conversion Factor | 7.89 | TSL Conductivity [S/m] | 1.85 |

Hardware Setup

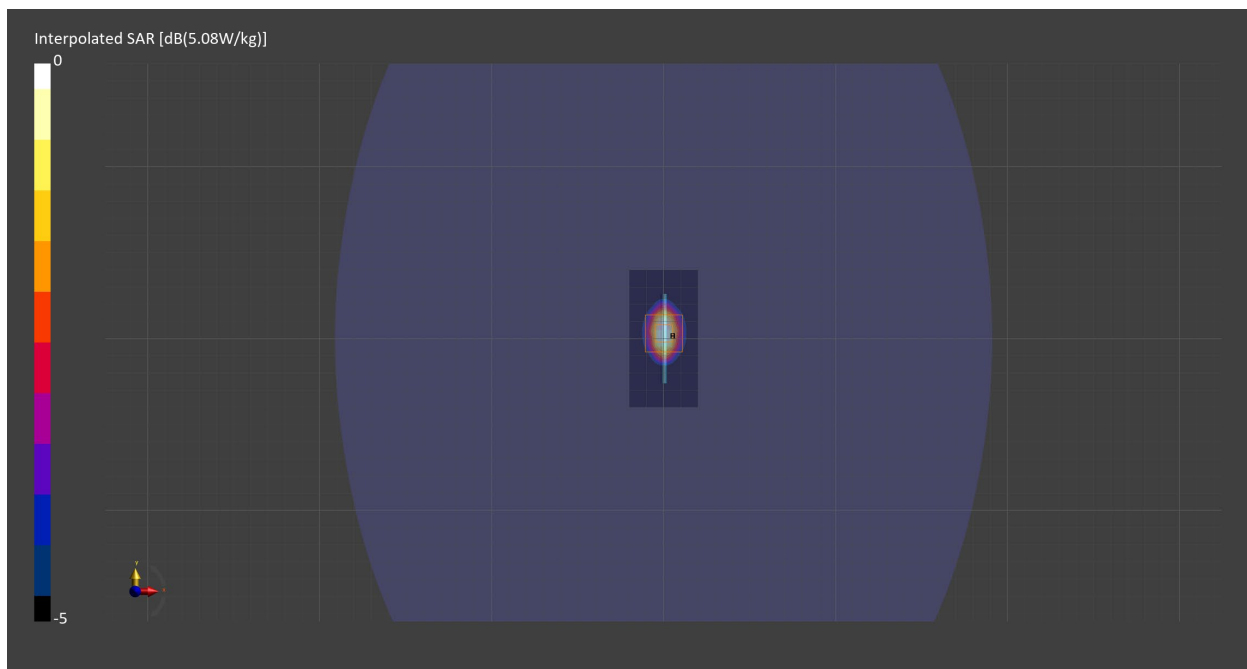
| | | | |
|--------------------------|------------------------------|------------------|--------------------------------------|
| Probe Calibration Date | EX3DV4 - SN7710 2024-01-16 | Phantom | ELI V8.0 (20deg probe tilt) - SN2160 |
| DAE Calibration Date | DAE4 Sn1715 2024-02-12 | TSL Meas. Date | HBBL600-10000V6 2024-Apr-09 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 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 | N/A | Yes |
| M2/M1 [%] | | 80.6 |
| Dist 3dB Peak [mm] | | 9.0 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|-------------|
| psSAR1g [W/Kg] | 2.49 | 2.46 |
| psSAR10g [W/Kg] | 1.15 | 1.15 |
| Power Drift [dB] | -0.04 | -0.02 |



2024-04-12 System Performance Check Report D5GHzV2 - SN1213

Summary

| | | | |
|-----------------------|------------------|----------------|------|
| Dipole | D5GHzV2 - SN1213 | | |
| Frequency [MHz] | 5250.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | -4.0 |
| Power [dBm] | 17.0 | Iso. Error [%] | -1.9 |

Exposure Conditions

| | | | |
|----------------------|------|------------------------|------|
| Dipole Distance [mm] | 10 | TSL Permittivity | 36.8 |
| Conversion Factor | 6.05 | TSL Conductivity [S/m] | 4.73 |

Hardware Setup

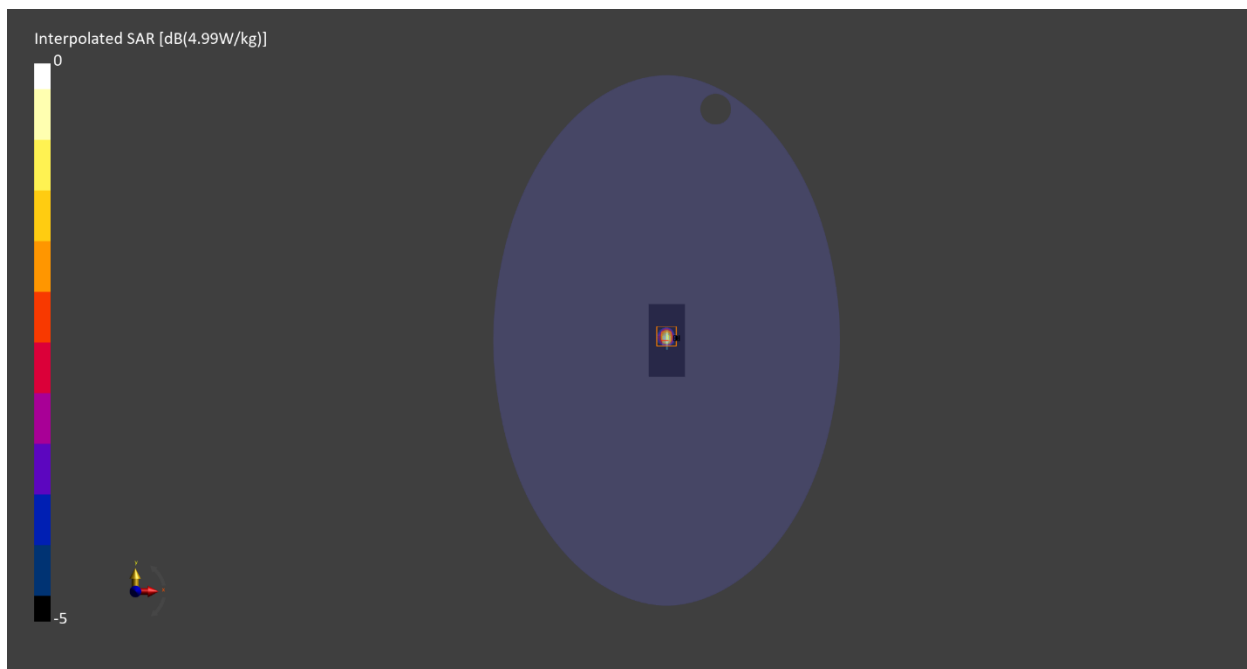
| | | | |
|--------------------------|------------------------------|------------------|--------------------------------------|
| Probe Calibration Date | EX3DV4 - SN7710 2024-01-16 | Phantom | ELI V8.0 (20deg probe tilt) - SN2160 |
| DAE Calibration Date | DAE4 Sn1715 2024-02-12 | TSL Meas. Date | HBBL600-10000V6 2024-Apr-12 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 80.0 | 22.0 x 22.0 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 |
| M2/M1 [%] | | 63.4 |
| Dist 3dB Peak [mm] | | 7.2 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|-------------|
| psSAR1g [W/Kg] | 3.35 | 3.68 |
| psSAR10g [W/Kg] | 1.00 | 1.05 |
| Power Drift [dB] | 0.00 | -0.00 |



2024-04-12 System Performance Check Report D5GHzV2 - SN1213

Summary

| | | | |
|-----------------------|------------------|----------------|-----|
| Dipole | D5GHzV2 - SN1213 | | |
| Frequency [MHz] | 5600.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | 0.5 |
| Power [dBm] | 17.0 | Iso. Error [%] | 1.9 |

Exposure Conditions

| | | | |
|----------------------|------|------------------------|------|
| Dipole Distance [mm] | 10 | TSL Permittivity | 36.1 |
| Conversion Factor | 5.24 | TSL Conductivity [S/m] | 5.12 |

Hardware Setup

| | | | |
|--------------------------|------------------------------|------------------|--------------------------------------|
| Probe Calibration Date | EX3DV4 - SN7710 2024-01-16 | Phantom | ELI V8.0 (20deg probe tilt) - SN2160 |
| DAE Calibration Date | DAE4 Sn1715 2024-02-12 | TSL Meas. Date | HBBL600-10000V6 2024-Apr-12 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 80.0 | 22.0 x 22.0 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 |
| M2/M1 [%] | | 61.0 |
| Dist 3dB Peak [mm] | | 7.2 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|-------------|
| psSAR1g [W/Kg] | 3.66 | 3.98 |
| psSAR10g [W/Kg] | 1.08 | 1.12 |
| Power Drift [dB] | 0.01 | -0.00 |



2023-12-27 System Performance Check Report D5GHzV2 - SN1213

Summary

| | | | |
|-----------------------|------------------|----------------|------|
| Dipole | D5GHzV2 - SN1213 | | |
| Frequency [MHz] | 5250.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | -1.1 |
| Power [dBm] | 17.0 | Iso. Error [%] | -2.1 |

Exposure Conditions

| | | | |
|----------------------|-----|------------------------|------|
| Dipole Distance [mm] | 10 | TSL Permittivity | 35.3 |
| Conversion Factor | 6.2 | TSL Conductivity [S/m] | 4.61 |

Hardware Setup

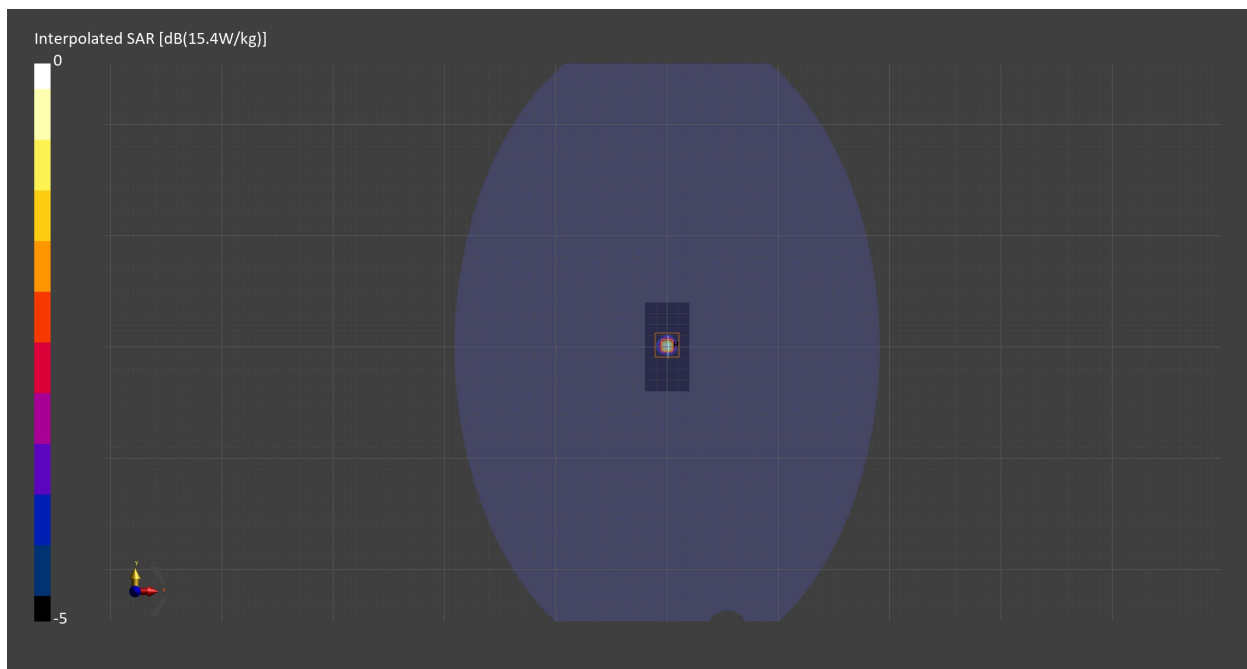
| | | | |
|--------------------------|------------------------------|------------------|--------------------------------------|
| Probe Calibration Date | EX3DV4 - SN7710 2023-02-03 | Phantom | ELI V5.0 (20deg probe tilt) - SN1196 |
| DAE Calibration Date | DAE4 Sn1715 2023-01-23 | TSL Meas. Date | HBBL-600-10000 2023-Dec-27 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 80.0 | 22.0 x 22.0 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 |
| M2/M1 [%] | | 64.3 |
| Dist 3dB Peak [mm] | | 7.3 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|-------------|
| psSAR1g [W/Kg] | 3.62 | 3.80 |
| psSAR10g [W/Kg] | 1.04 | 1.09 |
| Power Drift [dB] | N/A | -0.04 |



2023-12-27 System Performance Check Report D5GHzV2 - SN1213

Summary

| | | | |
|-----------------------|------------------|----------------|------|
| Dipole | D5GHzV2 - SN1213 | | |
| Frequency [MHz] | 5850.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | 1.1 |
| Power [dBm] | 17.0 | Iso. Error [%] | -2.3 |

Exposure Conditions

| | | | |
|----------------------|------|------------------------|------|
| Dipole Distance [mm] | 10 | TSL Permittivity | 34.2 |
| Conversion Factor | 5.51 | TSL Conductivity [S/m] | 5.29 |

Hardware Setup

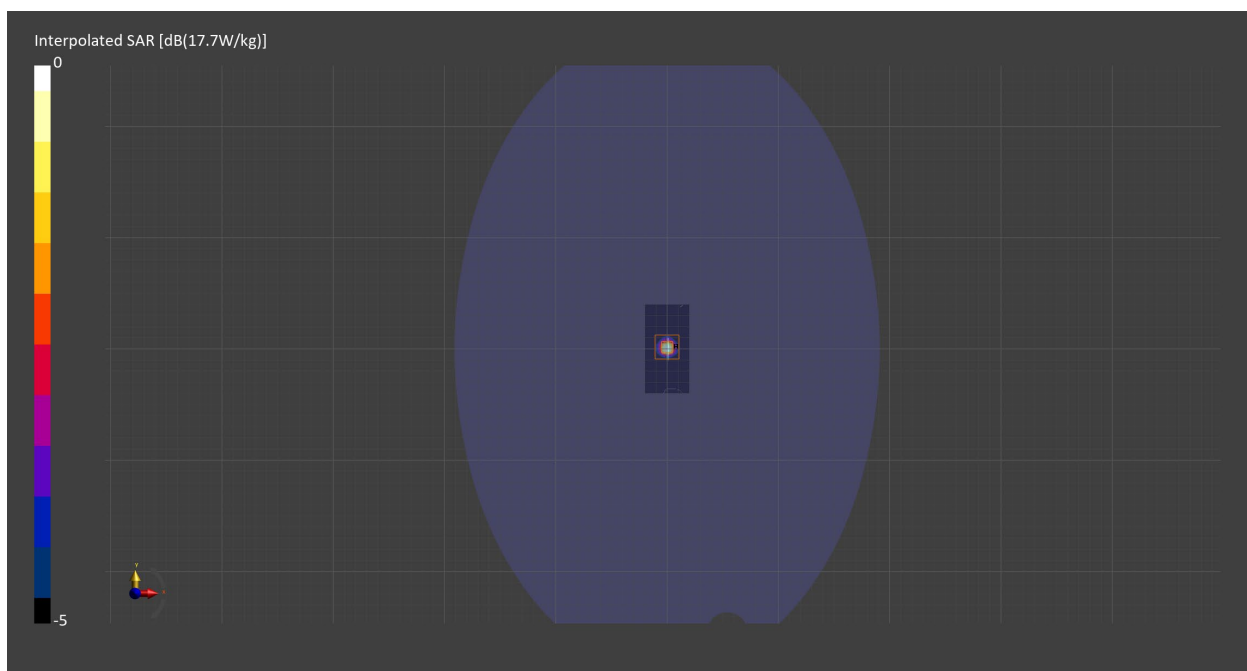
| | | | |
|--------------------------|------------------------------|------------------|--------------------------------------|
| Probe Calibration Date | EX3DV4 - SN7710 2023-02-03 | Phantom | ELI V5.0 (20deg probe tilt) - SN1196 |
| DAE Calibration Date | DAE4 Sn1715 2023-01-23 | TSL Meas. Date | HBBL-600-10000 2023-Dec-27 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 80.0 | 22.0 x 22.0 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 |
| M2/M1 [%] | | 60.0 |
| Dist 3dB Peak [mm] | | 7.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|-------------|
| psSAR1g [W/Kg] | 3.75 | 3.91 |
| psSAR10g [W/Kg] | 1.07 | 1.11 |
| Power Drift [dB] | N/A | 0.00 |



2024-04-16 System Performance Check Report D5GHzV2 - SN1213

Summary

| | | | |
|-----------------------|------------------|----------------|------|
| Dipole | D5GHzV2 - SN1213 | | |
| Frequency [MHz] | 5750.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | -6.7 |
| Power [dBm] | 17.0 | Iso. Error [%] | 1.7 |

Exposure Conditions

| | | | |
|----------------------|------|------------------------|------|
| Dipole Distance [mm] | 10 | TSL Permittivity | 35.0 |
| Conversion Factor | 5.28 | TSL Conductivity [S/m] | 5.15 |

Hardware Setup

| | | | |
|--------------------------|------------------------------|------------------|--------------------------------------|
| Probe Calibration Date | EX3DV4 - SN7711 2024-03-15 | Phantom | ELI V5.0 (20deg probe tilt) - SN1196 |
| DAE Calibration Date | DAE4 Sn1716 2024-03-13 | TSL Meas. Date | HBBL600-10000V6 2024-Apr-16 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 80.0 | 22.0 x 22.0 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 |
| M2/M1 [%] | | 62.0 |
| Dist 3dB Peak [mm] | | 7.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|-------------|
| psSAR1g [W/Kg] | 3.44 | 3.72 |
| psSAR10g [W/Kg] | 1.01 | 1.06 |
| Power Drift [dB] | -0.01 | -0.02 |

