

2023-02-20 System Performance Check Report D1750V2 - SN1136

Summary

| | | | |
|-----------------------|------------------|----------------|-----|
| Dipole | D1750V2 - SN1136 | | |
| Frequency [MHz] | 1750.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | 3.8 |
| Power [dBm] | 17.0 | Iso. Error [%] | 0.8 |

Exposure Conditions

| | | | |
|----------------------|------|------------------------|------|
| Dipole Distance [mm] | 10 | TSL Permittivity | 39.4 |
| Conversion Factor | 8.89 | TSL Conductivity [S/m] | 1.38 |

Hardware Setup

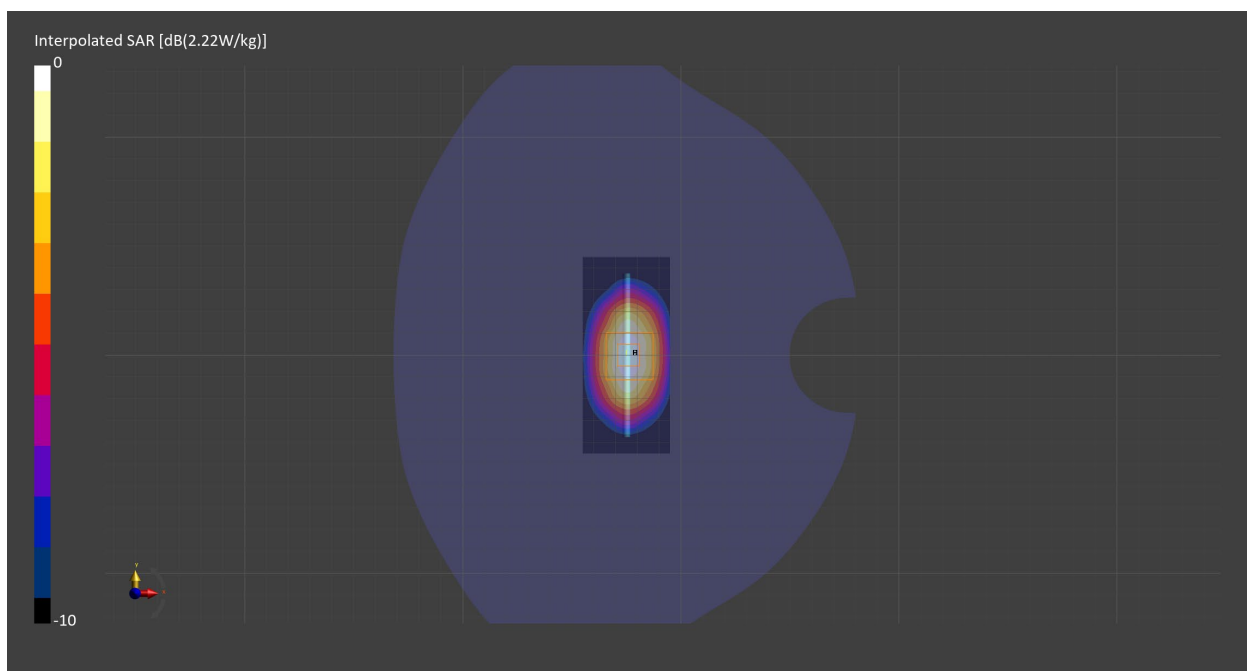
| | | | |
|--------------------------|------------------------------|------------------|---|
| Probe Calibration Date | EX3DV4 - SN7711 2022-03-11 | Phantom | Twin-SAM V8.0 (30deg probe tilt) - SN2084 |
| DAE Calibration Date | DAE4 Sn1716 2022-03-08 | TSL Meas. Date | HBBL600-10000V6 2023-Feb-20 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 90.0 | 30.0 x 30.0 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 |
| M2/M1 [%] | | 81.4 |
| Dist 3dB Peak [mm] | | 10.9 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|--------------|
| psSAR1g [W/Kg] | 1.78 | 1.78 |
| psSAR10g [W/Kg] | 0.956 | 0.948 |
| Power Drift [dB] | 0.01 | 0.00 |



2023-02-24 System Performance Check Report D5GHzV2 - SN1213

Summary

| | | | |
|-----------------------|------------------|----------------|------|
| Dipole | D5GHzV2 - SN1213 | | |
| Frequency [MHz] | 5600.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | -5.6 |
| Power [dBm] | 17.0 | Iso. Error [%] | 1.4 |

Exposure Conditions

| | | | |
|----------------------|------|------------------------|------|
| Dipole Distance [mm] | 10 | TSL Permittivity | 35.9 |
| Conversion Factor | 5.16 | TSL Conductivity [S/m] | 5.10 |

Hardware Setup

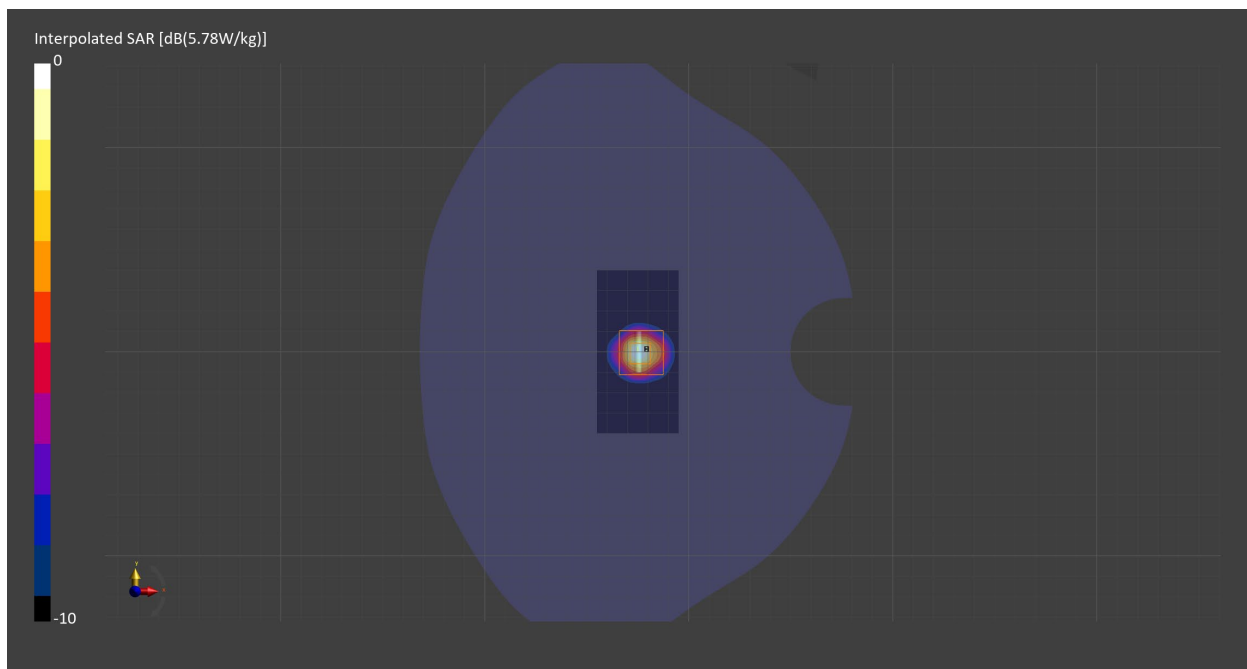
| | | | |
|--------------------------|------------------------------|------------------|---|
| Probe Calibration Date | EX3DV4 - SN7711 2022-03-11 | Phantom | Twin-SAM V8.0 (30deg probe tilt) - SN2084 |
| DAE Calibration Date | DAE4 Sn1716 2022-03-08 | TSL Meas. Date | HBBL600-10000V6 2023-Feb-24 |

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 [%] | | 61.8 |
| Dist 3dB Peak [mm] | | 7.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|-------------|
| psSAR1g [W/Kg] | 3.58 | 3.85 |
| psSAR10g [W/Kg] | 1.01 | 1.09 |
| Power Drift [dB] | -0.00 | -0.01 |



2023-03-23 System Performance Check Report CLA-13 - SN1008

Summary

| | | | |
|-----------------------|-----------------|----------------|------|
| Dipole | CLA-13 - SN1008 | | |
| Frequency [MHz] | 13.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | n/a |
| Power [dBm] | 16.5 | Iso. Error [%] | -6.0 |

Exposure Conditions

| | | | |
|----------------------|------|------------------------|-------|
| Dipole Distance [mm] | 0 | TSL Permittivity | 57.6 |
| Conversion Factor | 15.8 | TSL Conductivity [S/m] | 0.735 |

Hardware Setup

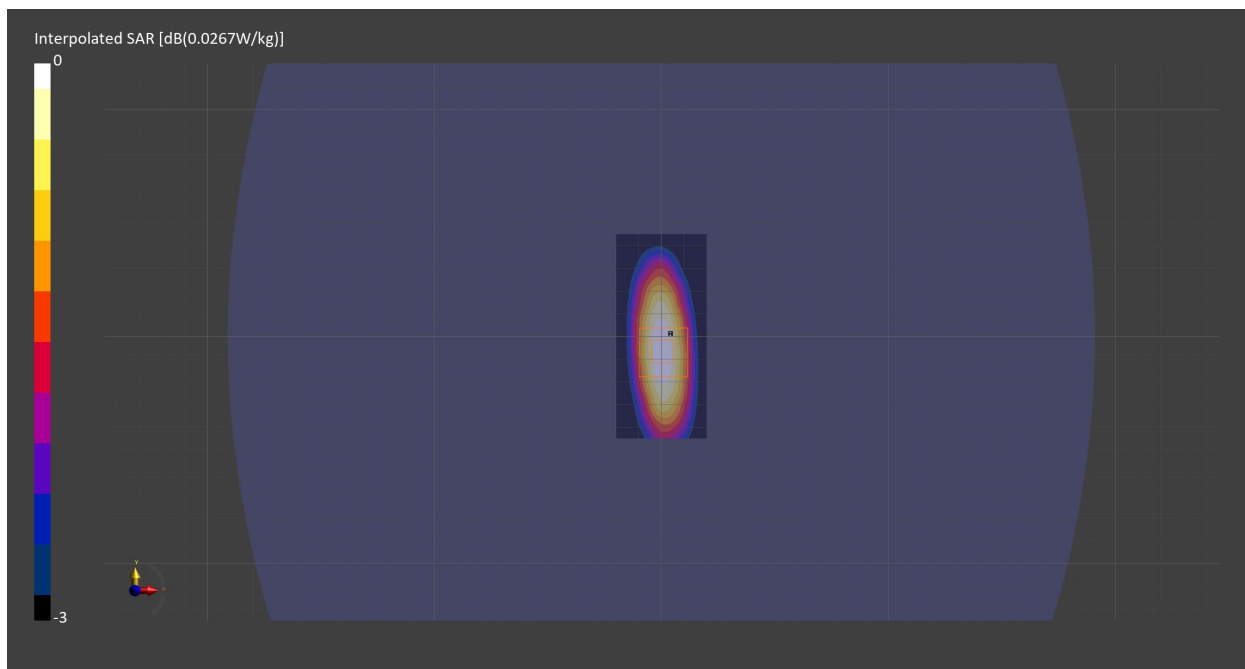
| | | | |
|--------------------------|------------------------------|------------------|--------------------------------------|
| Probe Calibration Date | EX3DV4 - SN7710 2023-02-03 | Phantom | ELI V8.0 (20deg probe tilt) - SN2081 |
| DAE Calibration Date | DAE4 Sn1715 2023-01-23 | TSL Meas. Date | HBBL4-250V3 2023-Mar-23 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 90.0 | 30.0 x 30.0 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 |
| M2/M1 [%] | | 75.5 |
| Dist 3dB Peak [mm] | | 15.7 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|--------------|
| psSAR1g [W/Kg] | 0.025 | 0.024 |
| psSAR10g [W/Kg] | 0.020 | 0.015 |
| Power Drift [dB] | 0.02 | 0.04 |



2023-02-20 System Performance Check Report D900V2 - SN1d180

Summary

| | | | |
|-----------------------|------------------|----------------|-----|
| Dipole | D900V2 - SN1d180 | | |
| Frequency [MHz] | 900.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | 0.9 |
| Power [dBm] | 17.0 | Iso. Error [%] | 1.0 |

Exposure Conditions

| | | | |
|----------------------|-------|------------------------|-------|
| Dipole Distance [mm] | 15 | TSL Permittivity | 43.0 |
| Conversion Factor | 10.14 | TSL Conductivity [S/m] | 0.957 |

Hardware Setup

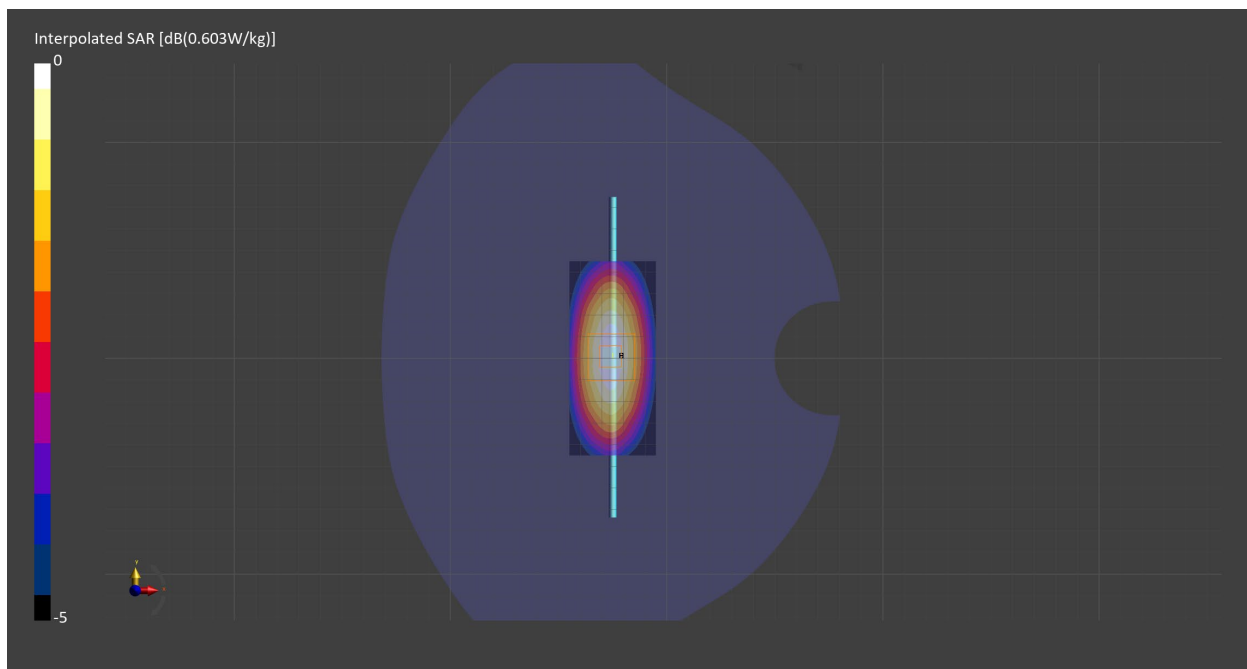
| | | | |
|--------------------------|------------------------------|------------------|---|
| Probe Calibration Date | EX3DV4 - SN7710 2023-02-03 | Phantom | Twin-SAM V8.0 (30deg probe tilt) - SN2082 |
| DAE Calibration Date | DAE4 Sn1715 2023-01-23 | TSL Meas. Date | HBBL600-10000V6 2023-Feb-20 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 90.0 | 30.0 x 30.0 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 |
| M2/M1 [%] | | 85.5 |
| Dist 3dB Peak [mm] | | 19.7 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|--------------|
| psSAR1g [W/Kg] | 0.519 | 0.523 |
| psSAR10g [W/Kg] | 0.339 | 0.339 |
| Power Drift [dB] | 0.01 | 0.02 |



2023-02-20 System Performance Check Report D750V3 - SN1139

Summary

| | | | |
|-----------------------|-----------------|----------------|-----|
| Dipole | D750V3 - SN1139 | | |
| Frequency [MHz] | 750.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | 1.1 |
| Power [dBm] | 17.0 | Iso. Error [%] | 1.1 |

Exposure Conditions

| | | | |
|----------------------|-------|------------------------|-------|
| Dipole Distance [mm] | 15 | TSL Permittivity | 43.4 |
| Conversion Factor | 10.65 | TSL Conductivity [S/m] | 0.905 |

Hardware Setup

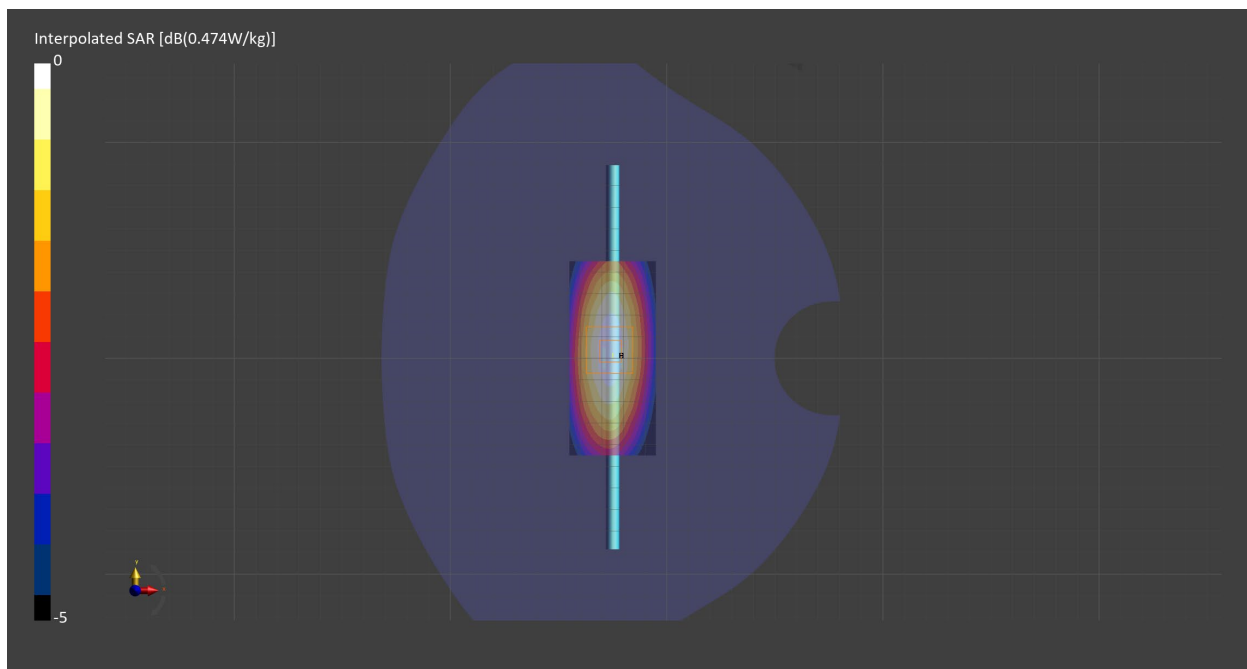
| | | | |
|--------------------------|------------------------------|------------------|---|
| Probe Calibration Date | EX3DV4 - SN7710 2023-02-03 | Phantom | Twin-SAM V8.0 (30deg probe tilt) - SN2082 |
| DAE Calibration Date | DAE4 Sn1715 2023-01-23 | TSL Meas. Date | HBBL600-10000V6 2023-Feb-20 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 90.0 | 30.0 x 30.0 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 |
| M2/M1 [%] | | 86.6 |
| Dist 3dB Peak [mm] | | 22.1 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|--------------|
| psSAR1g [W/Kg] | 0.412 | 0.412 |
| psSAR10g [W/Kg] | 0.275 | 0.271 |
| Power Drift [dB] | 0.00 | 0.00 |



2023-02-20 System Performance Check Report D1900V2 - SN5d202

Summary

| | | | |
|-----------------------|-------------------|----------------|------|
| Dipole | D1900V2 - SN5d202 | | |
| Frequency [MHz] | 1900.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | 1.2 |
| Power [dBm] | 17.0 | Iso. Error [%] | -1.7 |

Exposure Conditions

| | | | |
|----------------------|------|------------------------|------|
| Dipole Distance [mm] | 10 | TSL Permittivity | 38.9 |
| Conversion Factor | 8.74 | TSL Conductivity [S/m] | 1.41 |

Hardware Setup

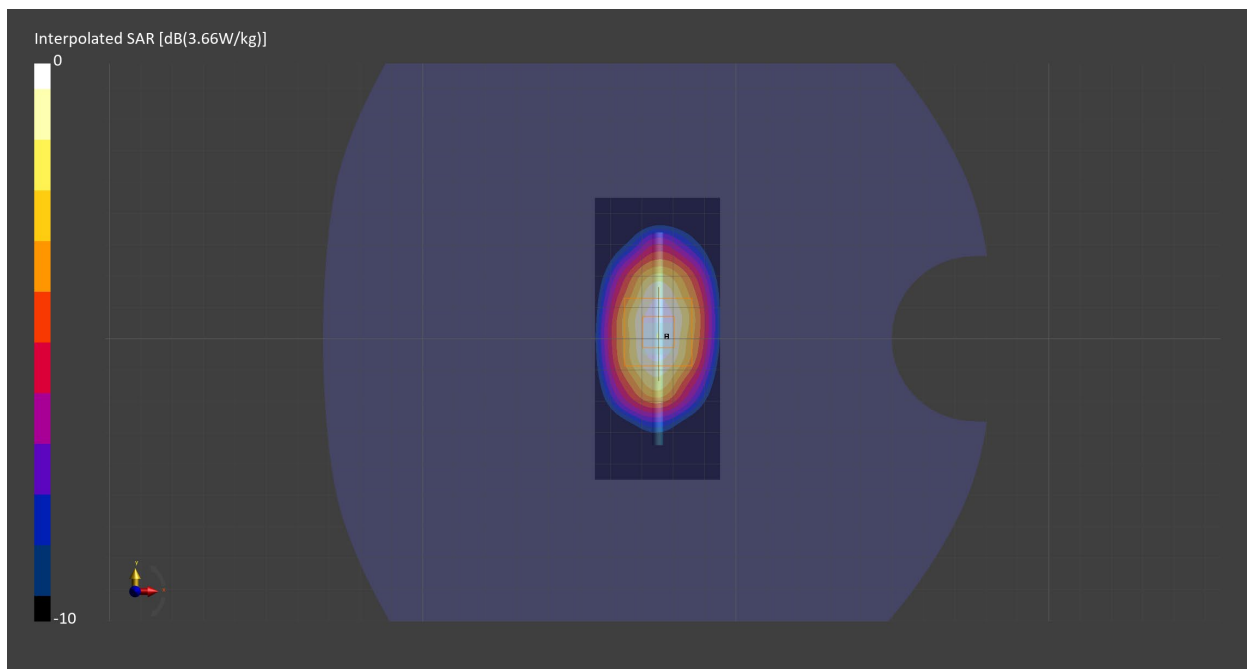
| | | | |
|--------------------------|------------------------------|------------------|---|
| Probe Calibration Date | EX3DV4 - SN7709 2022-12-12 | Phantom | Twin-SAM V8.0 (30deg probe tilt) - SN1742 |
| DAE Calibration Date | DAE4 Sn1714 2022-11-23 | TSL Meas. Date | HBBL1550-1950V3 2023-Feb-20 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 90.0 | 30.0 x 30.0 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 |
| M2/M1 [%] | | 81.4 |
| Dist 3dB Peak [mm] | | 9.6 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|--------------|
| psSAR1g [W/Kg] | 1.92 | 1.91 |
| psSAR10g [W/Kg] | 0.989 | 0.992 |
| Power Drift [dB] | -0.02 | -0.01 |



2023-02-24 System Performance Check Report D2450V2 - SN963

Summary

| | | | |
|-----------------------|-----------------|----------------|------|
| Dipole | D2450V2 - SN963 | | |
| Frequency [MHz] | 2450.0 | | |
| Phantom Section TSL | Flat HSL | Dev. Peak [%] | -3.9 |
| Power [dBm] | 17.0 | Iso. Error [%] | 4.3 |

Exposure Conditions

| | | | |
|----------------------|-----|------------------------|------|
| Dipole Distance [mm] | 10 | TSL Permittivity | 41.1 |
| Conversion Factor | 8.6 | TSL Conductivity [S/m] | 1.82 |

Hardware Setup

| | | | |
|--------------------------|------------------------------|------------------|---|
| Probe Calibration Date | EX3DV4 - SN7709 2022-12-12 | Phantom | Twin-SAM V8.0 (30deg probe tilt) - SN1742 |
| DAE Calibration Date | DAE4 Sn1714 2022-11-23 | TSL Meas. Date | HBBL-600-10000 2023-Feb-24 |

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 [%] | | 79.8 |
| Dist 3dB Peak [mm] | | 9.0 |

Measurement Results

| | Area Scan | Zoom Scan |
|------------------|-----------|-------------|
| psSAR1g [W/Kg] | 2.41 | 2.41 |
| psSAR10g [W/Kg] | 1.11 | 1.12 |
| Power Drift [dB] | -0.00 | -0.00 |

