

# Appendix C: System Check Plots

## RF SAFETY LABORATORY

### System Verification

#### Verification Conditions

| Verification Source | Power [dBm] | Phantom Section | Test Distance [mm] | Signal, UID | Frequency [MHz] | ConvF (x, y, z)   |
|---------------------|-------------|-----------------|--------------------|-------------|-----------------|-------------------|
| CLA-13 – SN1041     | 24.5        | Flat            | 0                  | CW, 0       | 13.000          | 14.3, 16.56,15.27 |

#### Test Setup

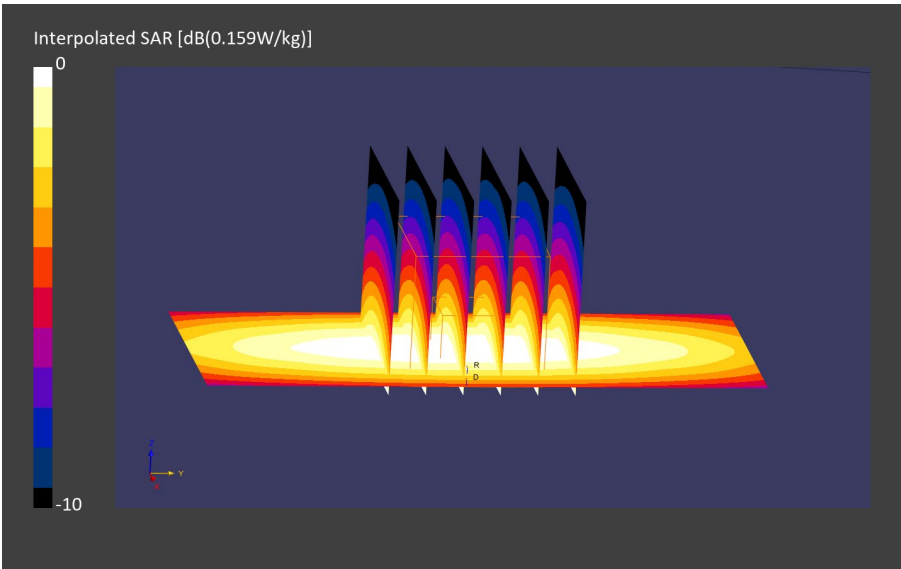
| Test Date  | Ambient Temp [°C] | TSL Temp [°C] | Measurement SW | Phantom         | TSL Type               | Cond. [S/m] | Perm. | Probe, Cal. Date            | DAE, Cal. Date            |
|------------|-------------------|---------------|----------------|-----------------|------------------------|-------------|-------|-----------------------------|---------------------------|
| 2026-06-17 | 23.4              | 23.8          | 16.4.0.5005    | ELI V8.0 – 2216 | Head Simulating Liquid | 0.765       | 51.5  | EX3DV4 – SN7872, 2025-08-08 | DAE4ip Sn1843, 2025-07-30 |

#### Scans Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 90.0 | 30.0 x 30.0 x 31.2 |
| Grid Steps [mm]     | 10.0 x 15.0 | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |
| Grading Ratio       | N/A         | 1.5                |

#### Measurement Results

|                         | SAR [W/kg] or APD [W/m²] | Deviation [%] |
|-------------------------|--------------------------|---------------|
| psSAR1g                 | 0.140                    | 8.7           |
| psSAR10g                | 0.085                    | 1.89          |
| Peak SAR (Extrapolated) | 0.292                    | 9.98          |
| psAPD (4.0 cm², sq)     | N/A                      | N/A           |



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## System Verification

### Verification Conditions

| Verification Source | Power [dBm] | Phantom Section | Test Distance [mm] | Signal, UID | Frequency [MHz] | ConvF (x, y, z) |
|---------------------|-------------|-----------------|--------------------|-------------|-----------------|-----------------|
| D2450V2 – SN1112    | 17.0        | Flat            | 10                 | CW, 0       | 2450.000        | 7.22, 7.1,6.87  |

### Test Setup

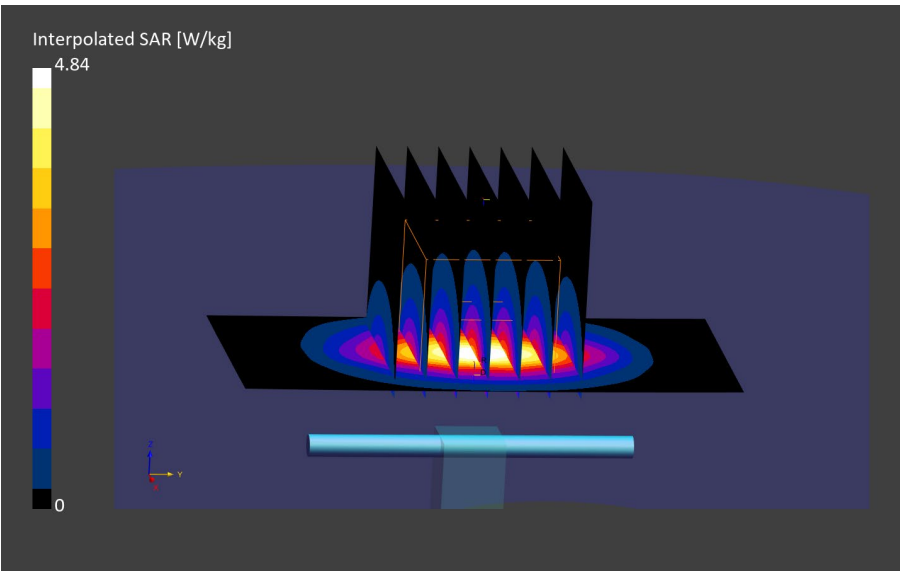
| Test Date  | Ambient Temp [°C] | TSL Temp [°C] | Measurement SW | Phantom              | TSL Type               | Cond. [S/m] | Perm. | Probe, Cal. Date            | DAE, Cal. Date            |
|------------|-------------------|---------------|----------------|----------------------|------------------------|-------------|-------|-----------------------------|---------------------------|
| 2026-06-10 | 20.6              | 20.6          | 18.0.0.7250    | Twin-SAM V8.0 – 2238 | Head Simulating Liquid | 1.78        | 39.9  | EX3DV4 – SN7969, 2026-01-13 | DAE4ip Sn1933, 2026-01-07 |

### Scans Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 30.0 x 30.0 x 31.2 |
| Grid Steps [mm]     | 10.0 x 10.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |
| Grading Ratio       | N/A         | 1.5                |

### Measurement Results

|                         | SAR [W/kg] or APD [W/m²] | Deviation [%] |
|-------------------------|--------------------------|---------------|
| psSAR1g                 | 2.41                     | -4.97         |
| psSAR10g                | 1.14                     | -4.03         |
| Peak SAR (Extrapolated) | 4.84                     | -7.32         |
| psAPD (4.0 cm², sq)     | N/A                      | N/A           |



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## System Verification

### Verification Conditions

| Verification Source | Power [dBm] | Phantom Section | Test Distance [mm] | Signal, UID | Frequency [MHz] | ConvF (x, y, z)  |
|---------------------|-------------|-----------------|--------------------|-------------|-----------------|------------------|
| D2450V2 – SN1112    | 17.0        | Flat            | 10                 | CW, 0       | 2450.000        | 6.94, 6.68, 6.66 |

### Test Setup

| Test Date  | Ambient Temp [°C] | TSL Temp [°C] | Measurement SW | Phantom              | TSL Type               | Cond. [S/m] | Perm. | Probe, Cal. Date            | DAE, Cal. Date            |
|------------|-------------------|---------------|----------------|----------------------|------------------------|-------------|-------|-----------------------------|---------------------------|
| 2026-06-22 | 22.1              | 21.8          | 18.0.0.7250    | Twin-SAM V8.0 – 2164 | Head Simulating Liquid | 1.84        | 41.7  | EX3DV4 – SN7853, 2025-11-07 | DAE4ip Sn1844, 2025-11-05 |

### Scans Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 30.0 x 30.0 x 31.2 |
| Grid Steps [mm]     | 10.0 x 10.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |
| Grading Ratio       | N/A         | 1.5                |

### Measurement Results

|                         | SAR [W/kg] or APD [W/m²] | Deviation [%] |
|-------------------------|--------------------------|---------------|
| psSAR1g                 | 2.49                     | -1.81         |
| psSAR10g                | 1.18                     | -0.66         |
| Peak SAR (Extrapolated) | 4.96                     | -5.02         |
| psAPD (4.0 cm², sq)     | N/A                      | N/A           |

