

## Appendix B: Tissue Stimulating Liquids, System Checks and System Validation

### B.1. SAR System Check

Prior to SAR assessment, the system is verified to  $\pm 10\%$  of the SAR measurement on the reference dipole at the time of calibration by the calibration facility. SAR System Validation was performed and complies with requirements per IEC/IEEE 62209-1528.

Table 1 System Check Results (SAR)

| System  | Frequency (MHz) | Tissue Type | Date      | Amb. Temp. (°C) | Tissue Temp (°C) | Input Power (dBm) | Verification Source SN | Probe SN | DAE SN | Measured 1g SAR (W/Kg) | 1W Target 1g SAR (W/Kg) | 1W Normalized 1g SAR (W/Kg) | 1g SAR Deviation | Measured 10g SAR (W/Kg) | 1W Target 10g SAR (W/Kg) | 1W Normalized 10g SAR (W/Kg) | 10g SAR Deviation |
|---------|-----------------|-------------|-----------|-----------------|------------------|-------------------|------------------------|----------|--------|------------------------|-------------------------|-----------------------------|------------------|-------------------------|--------------------------|------------------------------|-------------------|
| Gamma   | 13              | Head        | 5/20/2026 | 22.8            | 23.4             | 24.5              | 1041                   | 7872     | 1843   | 0.137                  | 0.457                   | 0.486                       | 6.37%            | 0.084                   | 0.296                    | 0.298                        | 0.69%             |
| Zeta    | 750             | Head        | 4/27/2026 | 22.5            | 22.2             | 17                | 1235                   | 7969     | 1933   | 0.423                  | 8.690                   | 8.440                       | -2.88%           | 0.282                   | 5.690                    | 5.627                        | -1.11%            |
| Zeta    | 1640            | Head        | 5/20/2026 | 21.8            | 20.5             | 17                | 356                    | 7969     | 1933   | 1.670                  | 34.200                  | 33.321                      | -2.57%           | 0.920                   | 18.600                   | 18.356                       | -1.31%            |
| Zeta    | 1750            | Head        | 5/18/2026 | 20.3            | 20.5             | 17                | 1205                   | 7969     | 1933   | 1.740                  | 36.500                  | 34.718                      | -4.88%           | 0.937                   | 19.200                   | 18.696                       | -2.63%            |
| Delta   | 1900            | Head        | 5/20/2026 | 21.3            | 21.1             | 17                | 5d252                  | 7853     | 1844   | 2.020                  | 39.800                  | 40.304                      | 1.27%            | 1.060                   | 21.000                   | 21.150                       | 0.71%             |
| Zeta    | 2100            | Head        | 6/14/2026 | 20.6            | 20.7             | 17                | 1068                   | 7969     | 1933   | 2.050                  | 44.200                  | 40.903                      | -7.46%           | 1.040                   | 22.300                   | 20.751                       | -6.95%            |
| Delta   | 2450            | Head        | 4/28/2026 | 23.0            | 22.4             | 17                | 1112                   | 7853     | 1844   | 2.500                  | 50.600                  | 49.882                      | -1.42%           | 1.170                   | 23.700                   | 23.345                       | -1.50%            |
| Epsilon | 2450            | Head        | 4/29/2026 | 23.5            | 22.4             | 17                | 1112                   | 7971     | 1862   | 2.360                  | 50.600                  | 47.088                      | -6.94%           | 1.120                   | 23.700                   | 22.347                       | -5.71%            |
| Zeta    | 2450            | Head        | 6/17/2026 | 24.1            | 22.0             | 17                | 1112                   | 7969     | 1933   | 2.380                  | 50.600                  | 47.487                      | -6.15%           | 1.130                   | 23.700                   | 22.546                       | -4.87%            |

## B.2. Dielectric Parameters of the TSL

Table 2 SAR Tissue Dielectric Parameters

| Date      | Tissue Type | Liquid Temp (°C) | Frequency (MHz) | Conductivity Measured ( $\sigma$ ) | Conductivity Target ( $\sigma$ ) | Deviation | Permittivity measured ( $\epsilon_r$ ) | Permittivity Target ( $\epsilon_r$ ) | Deviation |
|-----------|-------------|------------------|-----------------|------------------------------------|----------------------------------|-----------|----------------------------------------|--------------------------------------|-----------|
| 4/27/2026 | Head        | 22.6             | 650             | 0.84                               | 0.89                             | -5.52%    | 41.3                                   | 42.5                                 | -2.80%    |
| 4/27/2026 | Head        | 22.6             | 700             | 0.86                               | 0.89                             | -3.60%    | 41.1                                   | 42.2                                 | -2.66%    |
| 4/27/2026 | Head        | 22.6             | 750             | 0.87                               | 0.89                             | -2.75%    | 40.9                                   | 41.9                                 | -2.53%    |
| 4/27/2026 | Head        | 22.6             | 800             | 0.89                               | 0.90                             | -0.77%    | 40.7                                   | 41.7                                 | -2.25%    |
| 4/27/2026 | Head        | 22.6             | 850             | 0.90                               | 0.92                             | -1.26%    | 40.6                                   | 41.5                                 | -2.10%    |
| 4/27/2026 | Head        | 22.6             | 900             | 0.93                               | 0.97                             | -4.30%    | 40.4                                   | 41.5                                 | -2.61%    |
| 4/27/2026 | Head        | 22.6             | 950             | 0.94                               | 0.99                             | -5.27%    | 40.3                                   | 41.4                                 | -2.68%    |
| 4/28/2026 | Head        | 22.9             | 2300            | 1.71                               | 1.67                             | 2.58%     | 40.7                                   | 39.5                                 | 3.24%     |
| 4/28/2026 | Head        | 22.9             | 2350            | 1.74                               | 1.71                             | 1.91%     | 40.7                                   | 39.4                                 | 3.34%     |
| 4/28/2026 | Head        | 22.9             | 2400            | 1.78                               | 1.76                             | 1.58%     | 40.6                                   | 39.3                                 | 3.41%     |
| 4/28/2026 | Head        | 22.9             | 2450            | 1.82                               | 1.80                             | 1.18%     | 40.6                                   | 39.2                                 | 3.49%     |
| 4/28/2026 | Head        | 22.9             | 2500            | 1.86                               | 1.85                             | 0.46%     | 40.5                                   | 39.1                                 | 3.45%     |
| 4/28/2026 | Head        | 22.9             | 2550            | 1.90                               | 1.91                             | -0.34%    | 40.4                                   | 39.1                                 | 3.39%     |
| 4/28/2026 | Head        | 22.9             | 2600            | 1.95                               | 1.96                             | -0.90%    | 40.3                                   | 39.0                                 | 3.39%     |
| 4/28/2026 | Head        | 22.9             | 2650            | 1.99                               | 2.02                             | -1.59%    | 40.2                                   | 38.9                                 | 3.29%     |
| 4/28/2026 | Head        | 22.9             | 2700            | 2.03                               | 2.07                             | -2.14%    | 40.1                                   | 38.9                                 | 3.24%     |
| 4/29/2026 | Head        | 22.7             | 2300            | 1.69                               | 1.67                             | 1.18%     | 38.5                                   | 39.5                                 | -2.44%    |
| 4/29/2026 | Head        | 22.7             | 2350            | 1.72                               | 1.71                             | 0.57%     | 38.4                                   | 39.4                                 | -2.37%    |
| 4/29/2026 | Head        | 22.7             | 2400            | 1.76                               | 1.76                             | 0.19%     | 38.4                                   | 39.3                                 | -2.36%    |
| 4/29/2026 | Head        | 22.7             | 2450            | 1.79                               | 1.80                             | -0.31%    | 38.3                                   | 39.2                                 | -2.32%    |
| 4/29/2026 | Head        | 22.7             | 2500            | 1.83                               | 1.85                             | -1.21%    | 38.2                                   | 39.1                                 | -2.39%    |
| 4/29/2026 | Head        | 22.7             | 2550            | 1.87                               | 1.91                             | -2.12%    | 38.1                                   | 39.1                                 | -2.48%    |
| 4/29/2026 | Head        | 22.7             | 2600            | 1.91                               | 1.96                             | -2.89%    | 38.0                                   | 39.0                                 | -2.50%    |
| 4/29/2026 | Head        | 22.7             | 2650            | 1.94                               | 2.02                             | -3.73%    | 37.9                                   | 38.9                                 | -2.61%    |
| 4/29/2026 | Head        | 22.7             | 2700            | 1.98                               | 2.07                             | -4.48%    | 37.8                                   | 38.9                                 | -2.65%    |
| 5/18/2026 | Head        | 20.8             | 1600            | 1.21                               | 1.28                             | -6.04%    | 40.0                                   | 40.3                                 | -0.84%    |
| 5/18/2026 | Head        | 20.8             | 1650            | 1.24                               | 1.31                             | -5.81%    | 39.9                                   | 40.2                                 | -0.84%    |
| 5/18/2026 | Head        | 20.8             | 1700            | 1.27                               | 1.34                             | -5.42%    | 39.8                                   | 40.2                                 | -0.86%    |
| 5/18/2026 | Head        | 20.8             | 1750            | 1.30                               | 1.37                             | -5.40%    | 39.7                                   | 40.1                                 | -1.06%    |
| 5/18/2026 | Head        | 20.8             | 1800            | 1.32                               | 1.40                             | -5.53%    | 39.6                                   | 40.0                                 | -1.00%    |
| 5/18/2026 | Head        | 20.8             | 1850            | 1.35                               | 1.40                             | -3.53%    | 39.5                                   | 40.0                                 | -1.31%    |
| 5/18/2026 | Head        | 20.8             | 1900            | 1.37                               | 1.40                             | -1.86%    | 39.5                                   | 40.0                                 | -1.36%    |
| 5/18/2026 | Head        | 20.8             | 1950            | 1.41                               | 1.40                             | 0.55%     | 39.4                                   | 40.0                                 | -1.49%    |
| 5/18/2026 | Head        | 20.8             | 2000            | 1.44                               | 1.40                             | 2.88%     | 39.4                                   | 40.0                                 | -1.55%    |
| 5/18/2026 | Head        | 20.8             | 2050            | 1.48                               | 1.44                             | 2.47%     | 39.3                                   | 39.9                                 | -1.61%    |
| 5/18/2026 | Head        | 20.8             | 2100            | 1.51                               | 1.49                             | 1.51%     | 39.2                                   | 39.8                                 | -1.62%    |
| 5/20/2026 | Head        | 20.1             | 1600            | 1.27                               | 1.28                             | -1.42%    | 44.1                                   | 40.3                                 | 9.30%     |
| 5/20/2026 | Head        | 20.1             | 1650            | 1.29                               | 1.31                             | -1.39%    | 43.9                                   | 40.2                                 | 9.22%     |
| 5/20/2026 | Head        | 20.1             | 1700            | 1.32                               | 1.34                             | -1.33%    | 43.9                                   | 40.2                                 | 9.25%     |
| 5/20/2026 | Head        | 20.1             | 1750            | 1.36                               | 1.37                             | -1.15%    | 43.8                                   | 40.1                                 | 9.23%     |
| 5/20/2026 | Head        | 20.1             | 1800            | 1.39                               | 1.40                             | -0.99%    | 43.7                                   | 40.0                                 | 9.28%     |
| 5/20/2026 | Head        | 20.1             | 1850            | 1.42                               | 1.40                             | 1.34%     | 43.6                                   | 40.0                                 | 8.98%     |
| 5/20/2026 | Head        | 20.1             | 1900            | 1.45                               | 1.40                             | 3.37%     | 43.5                                   | 40.0                                 | 8.85%     |
| 5/20/2026 | Head        | 20.1             | 1950            | 1.49                               | 1.40                             | 6.11%     | 43.5                                   | 40.0                                 | 8.64%     |
| 5/20/2026 | Head        | 20.1             | 2000            | 1.52                               | 1.40                             | 8.43%     | 43.4                                   | 40.0                                 | 8.42%     |
| 5/20/2026 | Head        | 20.1             | 2050            | 1.56                               | 1.44                             | 7.66%     | 43.3                                   | 39.9                                 | 8.42%     |
| 5/20/2026 | Head        | 20.1             | 2100            | 1.59                               | 1.49                             | 6.46%     | 43.2                                   | 39.8                                 | 8.46%     |
| 5/20/2026 | Head        | 20.7             | 1600            | 1.24                               | 1.28                             | -3.44%    | 41.9                                   | 40.3                                 | 3.96%     |
| 5/20/2026 | Head        | 20.7             | 1650            | 1.27                               | 1.31                             | -3.45%    | 41.8                                   | 40.2                                 | 3.87%     |
| 5/20/2026 | Head        | 20.7             | 1700            | 1.30                               | 1.34                             | -3.41%    | 41.7                                   | 40.2                                 | 3.90%     |
| 5/20/2026 | Head        | 20.7             | 1750            | 1.33                               | 1.37                             | -3.27%    | 41.6                                   | 40.1                                 | 3.86%     |
| 5/20/2026 | Head        | 20.7             | 1800            | 1.36                               | 1.40                             | -3.15%    | 41.6                                   | 40.0                                 | 3.91%     |
| 5/20/2026 | Head        | 20.7             | 1850            | 1.39                               | 1.40                             | -0.91%    | 41.4                                   | 40.0                                 | 3.60%     |
| 5/20/2026 | Head        | 20.7             | 1900            | 1.41                               | 1.40                             | 1.07%     | 41.4                                   | 40.0                                 | 3.49%     |
| 5/20/2026 | Head        | 20.7             | 1950            | 1.45                               | 1.40                             | 3.72%     | 41.3                                   | 40.0                                 | 3.27%     |
| 5/20/2026 | Head        | 20.7             | 2000            | 1.48                               | 1.40                             | 5.96%     | 41.2                                   | 40.0                                 | 3.06%     |
| 5/20/2026 | Head        | 20.7             | 2050            | 1.52                               | 1.44                             | 5.20%     | 41.1                                   | 39.9                                 | 3.04%     |
| 5/20/2026 | Head        | 20.7             | 2100            | 1.55                               | 1.49                             | 3.97%     | 41.0                                   | 39.8                                 | 3.06%     |
| 5/20/2026 | Head        | 23.2             | 10              | 0.75                               | 0.75                             | 0.30%     | 53.0                                   | 55.0                                 | -3.61%    |
| 5/20/2026 | Head        | 23.2             | 15              | 0.75                               | 0.75                             | 0.31%     | 52.8                                   | 55.0                                 | -3.92%    |
| 6/14/2026 | Head        | 20.8             | 2000            | 1.45                               | 1.40                             | 3.56%     | 40.1                                   | 40.0                                 | 0.30%     |
| 6/14/2026 | Head        | 20.8             | 2050            | 1.49                               | 1.44                             | 2.96%     | 40.1                                   | 39.9                                 | 0.42%     |
| 6/14/2026 | Head        | 20.8             | 2100            | 1.52                               | 1.49                             | 1.92%     | 40.0                                   | 39.8                                 | 0.37%     |
| 6/17/2026 | Head        | 22.3             | 2300            | 1.67                               | 1.67                             | 0.22%     | 40.7                                   | 39.5                                 | 3.01%     |
| 6/17/2026 | Head        | 22.3             | 2350            | 1.70                               | 1.71                             | -0.36%    | 40.6                                   | 39.4                                 | 3.07%     |
| 6/17/2026 | Head        | 22.3             | 2400            | 1.74                               | 1.76                             | -0.69%    | 40.5                                   | 39.3                                 | 3.10%     |
| 6/17/2026 | Head        | 22.3             | 2450            | 1.78                               | 1.80                             | -1.17%    | 40.4                                   | 39.2                                 | 3.14%     |
| 6/17/2026 | Head        | 22.3             | 2500            | 1.82                               | 1.85                             | -1.98%    | 40.4                                   | 39.1                                 | 3.11%     |
| 6/17/2026 | Head        | 22.3             | 2550            | 1.85                               | 1.91                             | -2.86%    | 40.3                                   | 39.1                                 | 3.05%     |
| 6/17/2026 | Head        | 22.3             | 2600            | 1.90                               | 1.96                             | -3.44%    | 40.2                                   | 39.0                                 | 3.07%     |
| 6/17/2026 | Head        | 22.3             | 2650            | 1.93                               | 2.02                             | -4.14%    | 40.1                                   | 38.9                                 | 2.98%     |
| 6/17/2026 | Head        | 22.3             | 2700            | 1.98                               | 2.07                             | -4.67%    | 40.0                                   | 38.9                                 | 2.96%     |

The above measured tissue parameters were used in the DASY software. The DASY software was used to perform interpolation to determine the dielectric parameters at the SAR test device frequencies (per KDB Publication 865664 D01v01r04 and IEEE 1528-2013 6.6.1.2). The tissue parameters listed in the SAR test plots may slightly differ from the table above due to significant digit rounding in the software.

The SAR values were compensated for deviations between the measured and required tissue dielectric properties, as described in IEEE 1528-2013. The SAR values were applied to only scale up the measured SAR values, and not downward, per KDB Publication 865664 D01v04r04.

### B.3. FCC System Validation

Per FCC KDB Publication 865664 D02 Section 2.3 a) states “SAR system validation status and system verification results should be documented in a separate section of the SAR report, or as an attachment, to confirm measurement accuracy.”

The SAR systems used for evaluating this device were validated against its performance specifications prior to the SAR measurements.

Reference dipoles were used with the required tissue-equivalent media for system validation, according to the procedures outlined in FCC KDB Publication 865664 D01 and IEEE 1528-2013. Since SAR probe calibrations are frequency dependent, each probe calibration point was validated at a frequency within the valid frequency range of the probe calibration point.

Per FCC KDB 865664 D02, “the validation status should be documented according to the validation date(s), measurement frequencies, SAR probes, calibrated signal type(s) and tissue dielectric parameters.” A tabulated summary of the system validation status is provided accordingly:

Table 3 System Validation

| System  | Frequency (MHz) | Date       | Probe | DAE  | Probe CalF |             | Cond. ( $\sigma$ ) | Perm ( $\epsilon_r$ ) | CW Validation |                 |                | Mod Validation |             |      |
|---------|-----------------|------------|-------|------|------------|-------------|--------------------|-----------------------|---------------|-----------------|----------------|----------------|-------------|------|
|         |                 |            |       |      | Freq (MHz) | Tissue Type |                    |                       | Sensitivity   | Probe Linearity | Probe Isotropy | Mod Type       | Duty Factor | PAR  |
| Gamma   | 13              | 11/14/2025 | 7872  | 1843 | 13         | Head        | 0.695              | 52                    | PASS          | PASS            | PASS           | N/A            | N/A         | N/A  |
| Zeta    | 750             | 02/16/2026 | 7969  | 1933 | 750        | Head        | 0.829              | 43.4                  | PASS          | PASS            | PASS           | N/A            | N/A         | N/A  |
| Zeta    | 1640            | 02/18/2026 | 7969  | 1933 | 1640       | Head        | 1.27               | 43                    | PASS          | PASS            | PASS           | TDD            | PASS        | N/A  |
| Zeta    | 1750            | 02/12/2026 | 7969  | 1933 | 1750       | Head        | 1.25               | 38.3                  | PASS          | PASS            | PASS           | N/A            | N/A         | N/A  |
| Delta   | 1900            | 12/02/2025 | 7853  | 1844 | 1900       | Head        | 1.44               | 39.5                  | PASS          | PASS            | PASS           | GMSK           | PASS        | N/A  |
| Zeta    | 2100            | 02/13/2026 | 7969  | 1933 | 2100       | Head        | 1.46               | 37.7                  | PASS          | PASS            | PASS           | TDD            | PASS        | N/A  |
| Delta   | 2450            | 12/11/2025 | 7853  | 1844 | 2450       | Head        | 1.8                | 39.9                  | PASS          | PASS            | PASS           | OFDM           | N/A         | PASS |
| Epsilon | 2450            | 04/20/2026 | 7971  | 1862 | 2450       | Head        | 1.79               | 38.3                  | PASS          | PASS            | PASS           | OFDM           | N/A         | PASS |
| Zeta    | 2450            | 02/13/2026 | 7969  | 1933 | 2450       | Head        | 1.7                | 37.2                  | PASS          | PASS            | PASS           | OFDM           | N/A         | PASS |

NOTE: The probes have been calibrated for both CW and modulated signals. Modulations in the table above represent test configurations for which the measurement system has been validated per FCC KDB Publication 865664 D01 for scenarios when CW probe calibrations are used with other signal types.

SAR systems were additionally validated for modulated signals with a periodic duty cycle or with a high PAR (peak to average ratio) >5 dB, such as OFDM according to FCC KDB Publication 865664 D01 v01r04.

B.4. Sample TSL Compositions

TSL recipes are proprietary to SPEAG. Since the composition is approximate to the actual liquids utilized, the manufacturer data sheets are provided below.

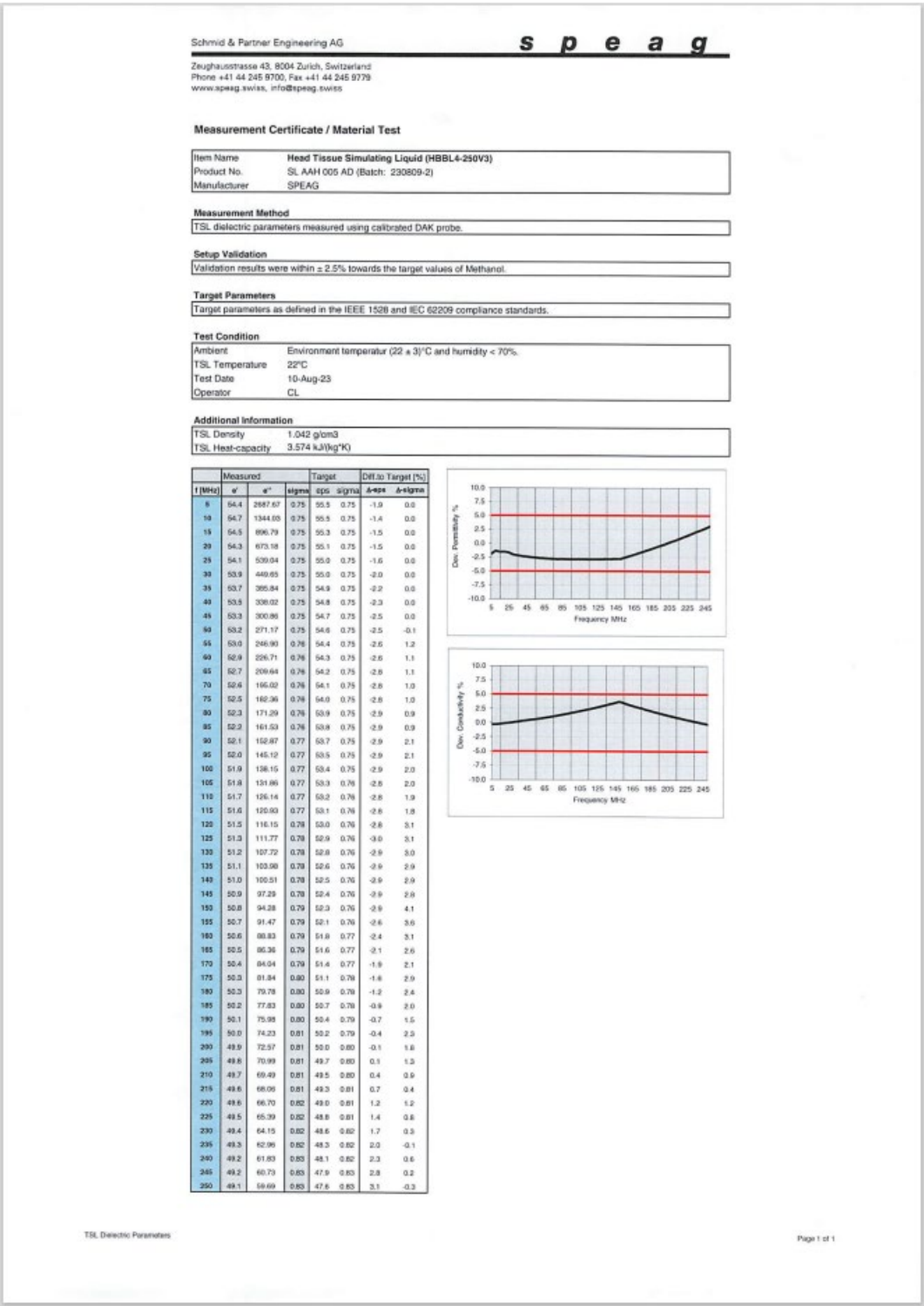


Figure 1 - Head TSL Calibration Certificate Example (4 – 250 MHz)

### Measurement Certificate / Material Test

Item Name: Head Tissue Simulating Liquid (HBL600-10000V6)  
Product No.: SL AAH U16 BC (Batch: 230912-5)  
Manufacturer: SPEAG

### Measurement Method

TSL dielectric parameters measured using calibrated DAK probe.

### Target Parameters

Target parameters as defined in the IEEE 1528 and IEC 62209 compliance standards.

### Test Condition

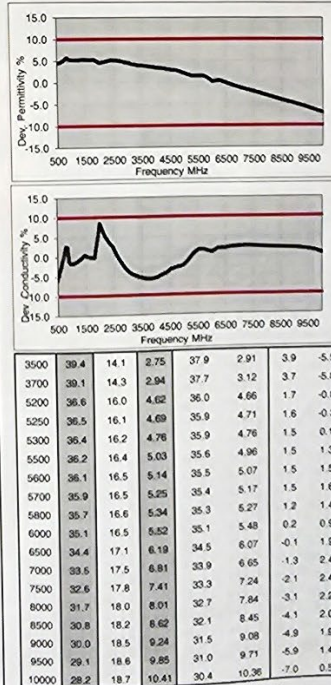
Ambient Condition: 22°C ; 30% humidity  
TSL Temperature: 22°C  
Test Date: 14-Sep-23  
Operator: CL

### Additional Information

TSL Density  
TSL Heat-capacity

### Results

| f [MHz] | Measured |      |       | Target |       | Diff. to Target [%] |         |
|---------|----------|------|-------|--------|-------|---------------------|---------|
|         | e'       | e''  | sigma | eps    | sigma | Δ-eps               | Δ-sigma |
| 600     | 44.7     | 25.6 | 0.86  | 42.7   | 0.88  | 4.6                 | -2.5    |
| 750     | 44.2     | 21.7 | 0.90  | 41.9   | 0.89  | 5.4                 | 0.7     |
| 800     | 44.0     | 20.7 | 0.92  | 41.7   | 0.90  | 5.6                 | 2.5     |
| 825     | 44.0     | 20.3 | 0.93  | 41.6   | 0.91  | 5.8                 | 2.6     |
| 835     | 44.0     | 20.1 | 0.94  | 41.5   | 0.91  | 5.9                 | 3.1     |
| 850     | 43.9     | 19.9 | 0.94  | 41.5   | 0.92  | 5.8                 | 2.6     |
| 900     | 43.8     | 19.2 | 0.96  | 41.5   | 0.97  | 5.5                 | -1.0    |
| 1400    | 42.8     | 15.2 | 1.18  | 40.6   | 1.18  | 5.4                 | 0.0     |
| 1450    | 42.7     | 15.0 | 1.21  | 40.5   | 1.20  | 5.4                 | 0.8     |
| 1600    | 42.4     | 14.4 | 1.29  | 40.3   | 1.28  | 5.2                 | 0.4     |
| 1625    | 42.4     | 14.4 | 1.30  | 40.3   | 1.30  | 5.3                 | 0.1     |
| 1640    | 42.4     | 14.3 | 1.31  | 40.3   | 1.31  | 5.3                 | 0.3     |
| 1650    | 42.4     | 14.3 | 1.31  | 40.2   | 1.31  | 5.4                 | -0.2    |
| 1700    | 42.3     | 14.2 | 1.34  | 40.2   | 1.34  | 5.3                 | -0.2    |
| 1750    | 42.2     | 14.1 | 1.37  | 40.1   | 1.37  | 5.3                 | -0.1    |
| 1800    | 42.1     | 14.0 | 1.40  | 40.0   | 1.40  | 5.3                 | 0.0     |
| 1810    | 42.1     | 13.9 | 1.41  | 40.0   | 1.40  | 5.3                 | 0.7     |
| 1825    | 42.1     | 13.9 | 1.42  | 40.0   | 1.40  | 5.3                 | 1.4     |
| 1850    | 42.1     | 13.9 | 1.43  | 40.0   | 1.40  | 5.3                 | 2.1     |
| 1900    | 42.0     | 13.8 | 1.46  | 40.0   | 1.40  | 5.0                 | 4.3     |
| 1950    | 41.9     | 13.7 | 1.49  | 40.0   | 1.40  | 4.7                 | 6.4     |
| 2000    | 41.8     | 13.7 | 1.52  | 40.0   | 1.40  | 4.5                 | 8.6     |
| 2050    | 41.8     | 13.6 | 1.55  | 39.9   | 1.44  | 4.7                 | 7.3     |
| 2100    | 41.7     | 13.6 | 1.59  | 39.8   | 1.49  | 4.7                 | 6.8     |
| 2150    | 41.6     | 13.6 | 1.62  | 39.7   | 1.53  | 4.7                 | 5.7     |
| 2200    | 41.6     | 13.5 | 1.66  | 39.6   | 1.58  | 4.9                 | 5.2     |
| 2250    | 41.5     | 13.5 | 1.69  | 39.6   | 1.62  | 4.9                 | 4.2     |
| 2300    | 41.4     | 13.5 | 1.73  | 39.5   | 1.67  | 4.9                 | 3.8     |
| 2350    | 41.4     | 13.5 | 1.77  | 39.4   | 1.71  | 5.1                 | 3.4     |
| 2400    | 41.3     | 13.6 | 1.81  | 39.3   | 1.76  | 5.1                 | 3.1     |
| 2450    | 41.2     | 13.6 | 1.85  | 39.2   | 1.80  | 5.1                 | 2.8     |
| 2500    | 41.2     | 13.6 | 1.89  | 39.1   | 1.85  | 5.3                 | 1.9     |
| 2550    | 41.1     | 13.6 | 1.93  | 39.1   | 1.91  | 5.2                 | 1.1     |
| 2600    | 41.0     | 13.6 | 1.97  | 39.0   | 1.96  | 5.1                 | 0.3     |



TSL Dielectric Parameters

Figure 2 - Head TSL Calibration Certificate Example (600 – 10000 MHz)