

Body Tissue Simulating Liquids

| | | | |
|---|--|----------------------|------------------|
| Body Tissue (Muscle) | Parameters according to FCC KDB 865664 D01 | | |
| Narrow – Band Solutions ($\pm 5\%$ tolerance) | Product | Test Frequency [MHz] | Main Ingredients |
| | MSL750V2 | 750 | Water, Sugar |
| | MSL900V2 | 835, 900 | Water, Sugar |
| | MSL1750V2 | 1750 | Water, DGBE |
| | MSL1900V2 | 1900 | Water, DGBE |
| | MSL2450V2 | 2450 | Water, DGBE |
| Broad – Band Solutions ($\pm 5\%$ tolerance) | Product | Test Frequency [MHz] | Main Ingredients |
| | MBBL3500–5800V5 | 3500–5800 | Water, Oil |

Measurement Certificate / Material Test

| | |
|--------------|--|
| Item Name | Body Tissue Simulating Liquid (MSL750V2) |
| Product No. | SL AAM 075 (Charge: 120831-2) |
| Manufacturer | SPEAG |

Measurement Method

TSL dielectric parameters measured using calibrated OCP probe.

Setup Validation

Validation results were within $\pm 2.5\%$ towards the target values of Methanol.

Target Parameters

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

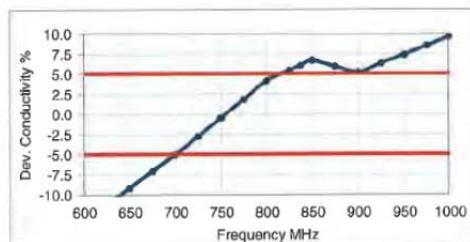
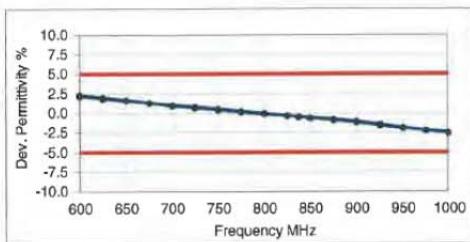
Test Condition

| | |
|-----------------|--|
| Ambient | Environment temperatur (22 ± 3)°C and humidity < 70%. |
| TSL Temperature | 22°C |
| Test Date | 5-Sep-12 |
| Operator | CL |

Additional Information

| | |
|-------------------|-------------------------|
| TSL Density | 1.212 g/cm ³ |
| TSL Heat-capacity | 3.006 kJ/(kg*K) |

| f [MHz] | Measured | | Target | | Diff. to Target [%] | | |
|---------|-----------------|---------------|--------|-------|---------------------|-----------------|-------|
| | HP- ϵ' | HP- σ' | eps | sigma | $\Delta\epsilon'$ | $\Delta\sigma'$ | |
| 600 | 57.4 | 24.67 | 0.82 | 56.1 | 0.95 | 2.2 | -13.5 |
| 625 | 57.1 | 24.34 | 0.85 | 56.0 | 0.95 | 1.9 | -11.3 |
| 650 | 56.8 | 24.01 | 0.87 | 55.9 | 0.96 | 1.6 | -9.1 |
| 675 | 56.6 | 23.71 | 0.89 | 55.8 | 0.96 | 1.3 | -7.1 |
| 700 | 56.3 | 23.41 | 0.91 | 55.7 | 0.96 | 1.0 | -5.0 |
| 725 | 56.0 | 23.20 | 0.94 | 55.6 | 0.96 | 0.7 | -2.7 |
| 750 | 55.8 | 22.99 | 0.96 | 55.5 | 0.96 | 0.5 | -0.4 |
| 775 | 55.5 | 22.81 | 0.98 | 55.4 | 0.97 | 0.2 | 1.9 |
| 800 | 55.3 | 22.64 | 1.01 | 55.3 | 0.97 | -0.1 | 4.2 |
| 825 | 55.1 | 22.47 | 1.03 | 55.2 | 0.98 | -0.3 | 5.5 |
| 850 | 54.9 | 22.39 | 1.04 | 55.2 | 0.98 | -0.5 | 6.1 |
| 875 | 54.8 | 22.31 | 1.05 | 55.2 | 0.99 | -0.8 | 6.7 |
| 900 | 54.6 | 22.19 | 1.08 | 55.1 | 1.02 | -0.9 | 6.0 |
| 925 | 54.1 | 21.96 | 1.13 | 55.0 | 1.06 | -1.5 | 6.3 |
| 950 | 53.9 | 21.85 | 1.15 | 54.9 | 1.08 | -1.9 | 7.4 |
| 975 | 53.7 | 21.75 | 1.18 | 54.9 | 1.09 | -2.2 | 8.5 |
| 1000 | 53.5 | 21.64 | 1.20 | 54.8 | 1.10 | -2.5 | 9.6 |



Measurement Certificate / Material Test

| | |
|--------------|--|
| Item Name | Body Tissue Simulating Liquid (MSL900V2) |
| Product No. | SL AAM 090 CA (Charge: 140124-1) |
| Manufacturer | SPEAG |

Measurement Method

TSL dielectric parameters measured using calibrated OCP probe.

Setup Validation

Validation results were within $\pm 2.5\%$ towards the target values of Methanol.

Target Parameters

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

Test Condition

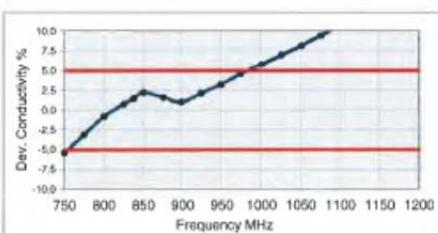
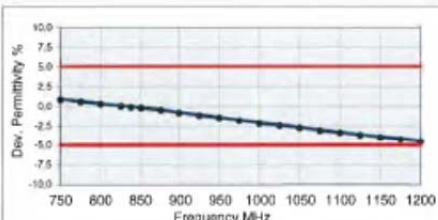
| | |
|-----------------|---|
| Ambient | Environment temperatur (22 ± 3)°C and humidity < 70%. |
| TSL Temperature | 22°C |
| Test Date | 29-Jan-14 |
| Operator | IEN |

Additional Information

TSL Density 1.208 g/cm³

TSL Heat-capacity 3.113 kJ/(kg*K)

| f (MHz) | Measured | | Target | | Diff. to Target (%) | |
|---------|-----------------|------------------|-------------|-------------|---------------------|---------------|
| | HP- ϵ' | HP- ϵ'' | sigma | eps | sigma | Δ -eps |
| 700 | 58.5 | 22.21 | 0.86 | 55.7 | 0.96 | 1.4 |
| 725 | 56.3 | 22.03 | 0.89 | 55.6 | 0.96 | 1.1 |
| 750 | 58.0 | 21.85 | 0.91 | 55.5 | 0.96 | 0.9 |
| 775 | 55.8 | 21.71 | 0.94 | 55.4 | 0.97 | 0.6 |
| 800 | 55.5 | 21.57 | 0.96 | 55.3 | 0.97 | 0.3 |
| 825 | 56.3 | 21.47 | 0.99 | 55.2 | 0.98 | 0.1 |
| 838 | 55.2 | 21.42 | 1.00 | 55.2 | 0.98 | -0.1 |
| 850 | 55.1 | 21.37 | 1.01 | 55.2 | 0.99 | -0.2 |
| 875 | 54.8 | 21.28 | 1.04 | 55.1 | 1.02 | -0.5 |
| 900 | 54.8 | 21.19 | 1.06 | 55.0 | 1.05 | -0.8 |
| 925 | 54.3 | 21.10 | 1.09 | 55.0 | 1.06 | -1.1 |
| 950 | 54.1 | 21.01 | 1.11 | 54.9 | 1.08 | -1.5 |
| 975 | 53.9 | 20.96 | 1.14 | 54.9 | 1.09 | -1.8 |
| 1000 | 53.7 | 20.90 | 1.16 | 54.8 | 1.10 | -2.1 |
| 1025 | 53.5 | 20.82 | 1.19 | 54.8 | 1.11 | -2.4 |
| 1050 | 53.3 | 20.75 | 1.21 | 54.7 | 1.12 | -2.7 |
| 1075 | 53.0 | 20.70 | 1.24 | 54.7 | 1.13 | -3.0 |
| 1100 | 52.8 | 20.66 | 1.26 | 54.7 | 1.14 | -3.4 |
| 1125 | 52.8 | 20.57 | 1.29 | 54.6 | 1.15 | -3.7 |
| 1150 | 52.4 | 20.48 | 1.31 | 54.6 | 1.17 | -3.9 |
| 1175 | 52.2 | 20.47 | 1.34 | 54.5 | 1.18 | -4.2 |
| 1200 | 52.0 | 20.46 | 1.37 | 54.5 | 1.19 | -4.5 |



Measurement Certificate / Material Test

| | |
|--------------|---|
| Item Name | Body Tissue Simulating Liquid (MSL1750V2) |
| Product No. | SL AAM 175 (Charge: 120919-3) |
| Manufacturer | SPEAG |

Measurement Method

TSL dielectric parameters measured using calibrated OCP probe.

Setup Validation

Validation results were within $\pm 2.5\%$ towards the target values of Methanol.

Target Parameters

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

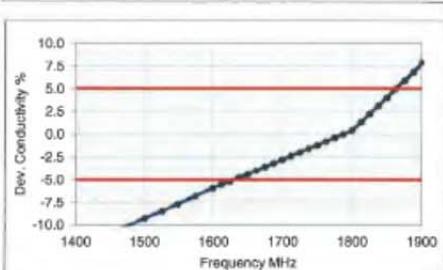
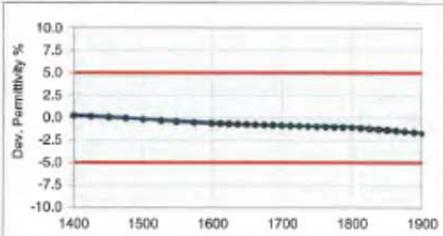
Test Condition

| | |
|-----------------|---|
| Ambient | Environment temperatur (22 \pm 3)°C and humidity < 70%. |
| TSL Temperature | 22°C |
| Test Date | 20-Sep-12 |
| Operator | CL |

Additional Information

TSL Density 0.998 g/cm³
TSL Heat-capacity 3.893 kJ/(kg*K)

| f (MHz) | Measured | | Target | | Diff. to Target [%] | | |
|---------|-----------------|------------------|--------|------|---------------------|-----------|-------------|
| | HP- ϵ' | HP- ϵ'' | sigma | eps | sigma | Delta-eps | Delta-sigma |
| 1400 | 54.2 | 14.23 | 1.11 | 54.1 | 1.28 | 0.2 | -13.2 |
| 1425 | 54.1 | 14.30 | 1.13 | 54.0 | 1.29 | 0.1 | -12.1 |
| 1450 | 54.0 | 14.36 | 1.16 | 54.0 | 1.30 | 0.0 | -10.9 |
| 1475 | 53.9 | 14.42 | 1.18 | 54.0 | 1.32 | -0.1 | -10.0 |
| 1500 | 53.8 | 14.49 | 1.21 | 53.9 | 1.33 | -0.2 | -9.2 |
| 1525 | 53.7 | 14.54 | 1.23 | 53.9 | 1.35 | -0.3 | -8.4 |
| 1550 | 53.7 | 14.59 | 1.26 | 53.9 | 1.36 | -0.4 | -7.7 |
| 1575 | 53.6 | 14.67 | 1.29 | 53.8 | 1.38 | -0.5 | -6.8 |
| 1600 | 53.5 | 14.74 | 1.31 | 53.8 | 1.39 | -0.6 | -5.9 |
| 1613 | 53.4 | 14.77 | 1.32 | 53.8 | 1.40 | -0.7 | -5.5 |
| 1625 | 53.4 | 14.79 | 1.34 | 53.8 | 1.41 | -0.7 | -5.1 |
| 1636 | 53.3 | 14.82 | 1.35 | 53.7 | 1.42 | -0.7 | -4.7 |
| 1650 | 53.3 | 14.85 | 1.36 | 53.7 | 1.43 | -0.8 | -4.4 |
| 1683 | 53.2 | 14.88 | 1.38 | 53.7 | 1.43 | -0.8 | -4.0 |
| 1675 | 53.2 | 14.91 | 1.39 | 53.6 | 1.44 | -0.8 | -3.8 |
| 1688 | 53.1 | 14.94 | 1.40 | 53.6 | 1.45 | -0.8 | -3.2 |
| 1700 | 53.1 | 14.97 | 1.42 | 53.6 | 1.46 | -0.9 | -2.8 |
| 1713 | 53.1 | 15.01 | 1.43 | 53.5 | 1.46 | -0.9 | -2.4 |
| 1725 | 53.0 | 15.04 | 1.44 | 53.5 | 1.47 | -0.9 | -2.0 |
| 1738 | 53.0 | 15.07 | 1.46 | 53.5 | 1.48 | -1.0 | -1.6 |
| 1750 | 52.9 | 15.10 | 1.47 | 53.4 | 1.49 | -1.0 | -1.2 |
| 1763 | 52.9 | 15.14 | 1.48 | 53.4 | 1.50 | -1.0 | -0.8 |
| 1775 | 52.8 | 15.17 | 1.50 | 53.4 | 1.50 | -1.0 | -0.4 |
| 1788 | 52.8 | 15.21 | 1.51 | 53.3 | 1.51 | -1.0 | 0.0 |
| 1800 | 52.7 | 15.24 | 1.53 | 53.3 | 1.52 | -1.1 | 0.4 |
| 1813 | 52.7 | 15.27 | 1.54 | 53.3 | 1.52 | -1.1 | 1.3 |
| 1825 | 52.7 | 15.30 | 1.55 | 53.3 | 1.52 | -1.2 | 2.2 |
| 1838 | 52.6 | 15.33 | 1.57 | 53.3 | 1.52 | -1.3 | 3.1 |
| 1850 | 52.6 | 15.37 | 1.58 | 53.3 | 1.52 | -1.4 | 4.0 |
| 1863 | 52.5 | 15.40 | 1.60 | 53.3 | 1.52 | -1.5 | 5.0 |
| 1875 | 52.5 | 15.44 | 1.61 | 53.3 | 1.52 | -1.5 | 6.0 |
| 1888 | 52.4 | 15.48 | 1.63 | 53.3 | 1.52 | -1.6 | 6.9 |
| 1900 | 52.4 | 15.51 | 1.64 | 53.3 | 1.52 | -1.7 | 7.9 |



Measurement Certificate / Material Test

| | |
|--------------|---|
| Item Name | Body Tissue Simulating Liquid (MSL1900V2) |
| Product No. | SL AAM 190 (Charge: 120913-1) |
| Manufacturer | SPEAG |

Measurement Method

| |
|--|
| TSL dielectric parameters measured using calibrated OCP probe. |
|--|

Setup Validation

| |
|---|
| Validation results were within $\pm 2.5\%$ towards the target values of Methanol. |
|---|

Target Parameters

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

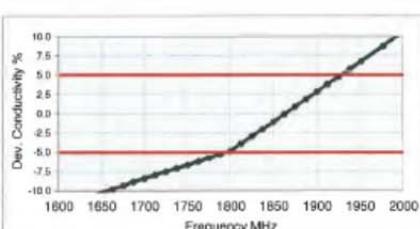
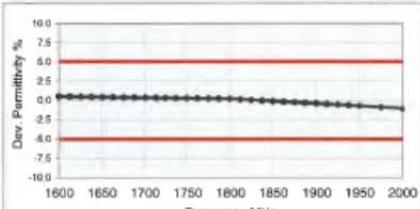
Test Condition

| | |
|-----------------|---|
| Ambient | Environment temperatur (22 ± 3)°C and humidity < 70%. |
| TSL Temperature | 22°C |
| Test Date | 20-Sep-12 |
| Operator | CL |

Additional Information

| | |
|-------------------|-------------------------|
| TSL Density | 0.996 g/cm ³ |
| TSL Heat-capacity | 3.947 kJ/(kg*K) |

| f [MHz] | Measured | | Target | | Diff.to Target [%] | | |
|---------|-----------------|---------------|--------|------|--------------------|-------|---------|
| | HP- ϵ' | HP- σ' | sigma | eps | sigma | Δ-eps | Δ-sigma |
| 1600 | 54.1 | 13.80 | 1.23 | 53.8 | 1.39 | 0.5 | -11.6 |
| 1613 | 54.1 | 13.84 | 1.24 | 53.8 | 1.40 | 0.5 | -11.4 |
| 1625 | 54.0 | 13.87 | 1.25 | 53.8 | 1.41 | 0.5 | -11.0 |
| 1638 | 54.0 | 13.91 | 1.27 | 53.7 | 1.42 | 0.5 | -10.6 |
| 1650 | 53.9 | 13.95 | 1.28 | 53.7 | 1.43 | 0.4 | -10.2 |
| 1663 | 53.9 | 13.99 | 1.29 | 53.7 | 1.43 | 0.4 | -9.7 |
| 1675 | 53.8 | 14.02 | 1.31 | 53.6 | 1.44 | 0.4 | -9.3 |
| 1688 | 53.8 | 14.06 | 1.32 | 53.6 | 1.45 | 0.4 | -8.9 |
| 1700 | 53.8 | 14.10 | 1.33 | 53.6 | 1.46 | 0.4 | -8.4 |
| 1713 | 53.7 | 14.14 | 1.35 | 53.5 | 1.46 | 0.3 | -8.0 |
| 1725 | 53.7 | 14.19 | 1.36 | 53.5 | 1.47 | 0.3 | -7.6 |
| 1738 | 53.6 | 14.23 | 1.38 | 53.5 | 1.48 | 0.3 | -7.1 |
| 1750 | 53.6 | 14.27 | 1.39 | 53.4 | 1.49 | 0.3 | -6.7 |
| 1763 | 53.5 | 14.31 | 1.40 | 53.4 | 1.50 | 0.3 | -6.2 |
| 1775 | 53.5 | 14.35 | 1.42 | 53.4 | 1.50 | 0.3 | -5.8 |
| 1788 | 53.5 | 14.40 | 1.43 | 53.3 | 1.51 | 0.2 | -5.3 |
| 1800 | 53.4 | 14.44 | 1.45 | 53.3 | 1.52 | 0.2 | -4.9 |
| 1813 | 53.4 | 14.48 | 1.46 | 53.3 | 1.52 | 0.2 | -3.9 |
| 1825 | 53.3 | 14.52 | 1.47 | 53.3 | 1.52 | 0.1 | -3.0 |
| 1838 | 53.3 | 14.56 | 1.49 | 53.3 | 1.52 | 0.0 | -2.0 |
| 1850 | 53.3 | 14.61 | 1.50 | 53.3 | 1.52 | -0.1 | -1.1 |
| 1863 | 53.2 | 14.65 | 1.52 | 53.3 | 1.52 | -0.1 | -0.1 |
| 1875 | 53.2 | 14.69 | 1.53 | 53.3 | 1.52 | -0.2 | 0.8 |
| 1888 | 53.1 | 14.74 | 1.55 | 53.3 | 1.52 | -0.3 | 1.8 |
| 1890 | 53.1 | 14.78 | 1.56 | 53.3 | 1.52 | -0.4 | 2.8 |
| 1913 | 53.0 | 14.83 | 1.58 | 53.3 | 1.52 | -0.5 | 3.8 |
| 1925 | 53.0 | 14.87 | 1.59 | 53.3 | 1.52 | -0.5 | 4.8 |
| 1938 | 53.0 | 14.91 | 1.61 | 53.3 | 1.52 | -0.6 | 5.7 |
| 1950 | 52.9 | 14.95 | 1.62 | 53.3 | 1.52 | -0.7 | 6.7 |
| 1975 | 52.8 | 15.03 | 1.65 | 53.3 | 1.52 | -0.9 | 8.7 |
| 2000 | 52.7 | 15.11 | 1.68 | 53.3 | 1.52 | -1.0 | 10.6 |



Measurement Certificate / Material Test

| | |
|--------------|---|
| Item Name | Body Tissue Simulating Liquid (MSL2450V2) |
| Product No. | SL AAM 245 BA (Charge: 130510-2) |
| Manufacturer | SPEAG |

Measurement Method

TSL dielectric parameters measured using calibrated OCP probe.

Setup Validation

Validation results were within $\pm 2.5\%$ towards the target values of Methanol.

Target Parameters

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

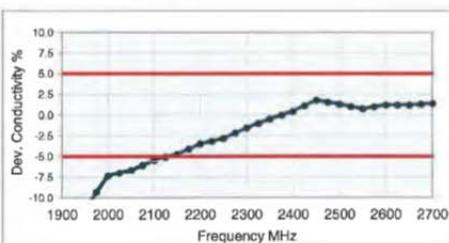
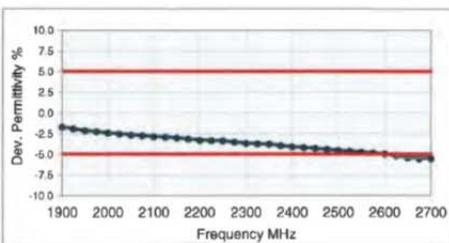
Test Condition

| | |
|-----------------|--|
| Ambient | Environment temperatur (22 \pm 3) $^{\circ}$ C and humidity < 70%. |
| TSL Temperature | 22 $^{\circ}$ C |
| Test Date | 15-May-13 |
| Operator | IEN |

Additional Information

| | |
|-------------------|-------------------------|
| TSL Density | 0.996 g/cm ³ |
| TSL Heat-capacity | 3.987 kJ/(kg \cdot K) |

| f [MHz] | Measured | | Target | | Diff.to Target [%] | | |
|---------|----------|--------|--------|------|--------------------|-------|---------|
| | HP-e' | HP-e'' | sigma | eps | sigma | Δ-eps | Δ-sigma |
| 1900 | 52.4 | 12.21 | 1.29 | 53.3 | 1.52 | -1.7 | -15.1 |
| 1925 | 52.3 | 12.32 | 1.32 | 53.3 | 1.52 | -1.9 | -13.2 |
| 1950 | 52.2 | 12.43 | 1.35 | 53.3 | 1.52 | -2.1 | -11.3 |
| 1975 | 52.1 | 12.55 | 1.38 | 53.3 | 1.52 | -2.2 | -9.3 |
| 2000 | 52.0 | 12.67 | 1.41 | 53.3 | 1.52 | -2.4 | -7.3 |
| 2025 | 51.9 | 12.75 | 1.44 | 53.3 | 1.54 | -2.5 | -6.9 |
| 2050 | 51.8 | 12.84 | 1.46 | 53.2 | 1.57 | -2.6 | -6.6 |
| 2075 | 51.7 | 12.96 | 1.50 | 53.2 | 1.59 | -2.7 | -6.0 |
| 2100 | 51.7 | 13.09 | 1.53 | 53.2 | 1.62 | -2.8 | -5.4 |
| 2125 | 51.6 | 13.17 | 1.56 | 53.1 | 1.64 | -2.9 | -5.0 |
| 2150 | 51.5 | 13.25 | 1.58 | 53.1 | 1.66 | -3.0 | -4.7 |
| 2175 | 51.4 | 13.37 | 1.62 | 53.1 | 1.69 | -3.1 | -4.1 |
| 2200 | 51.3 | 13.50 | 1.65 | 53.0 | 1.71 | -3.3 | -3.5 |
| 2225 | 51.2 | 13.58 | 1.68 | 53.0 | 1.74 | -3.3 | -3.1 |
| 2250 | 51.2 | 13.65 | 1.71 | 53.0 | 1.76 | -3.3 | -2.8 |
| 2275 | 51.1 | 13.78 | 1.74 | 52.9 | 1.78 | -3.5 | -2.2 |
| 2300 | 51.0 | 13.90 | 1.78 | 52.9 | 1.81 | -3.6 | -1.5 |
| 2325 | 50.9 | 14.01 | 1.81 | 52.9 | 1.83 | -3.7 | -1.0 |
| 2350 | 50.9 | 14.12 | 1.85 | 52.8 | 1.85 | -3.8 | -0.5 |
| 2375 | 50.7 | 14.21 | 1.88 | 52.8 | 1.88 | -3.9 | 0.0 |
| 2400 | 50.6 | 14.31 | 1.91 | 52.8 | 1.90 | -4.1 | 0.5 |
| 2425 | 50.5 | 14.44 | 1.95 | 52.7 | 1.93 | -4.2 | 1.1 |
| 2450 | 50.5 | 14.56 | 1.99 | 52.7 | 1.95 | -4.3 | 1.8 |
| 2475 | 50.4 | 14.64 | 2.02 | 52.7 | 1.99 | -4.4 | 1.6 |
| 2500 | 50.3 | 14.72 | 2.05 | 52.6 | 2.02 | -4.5 | 1.3 |
| 2525 | 50.2 | 14.79 | 2.08 | 52.6 | 2.06 | -4.6 | 1.0 |
| 2550 | 50.1 | 14.86 | 2.11 | 52.6 | 2.09 | -4.7 | 0.7 |
| 2575 | 50.0 | 15.00 | 2.15 | 52.5 | 2.13 | -4.8 | 1.0 |
| 2600 | 49.9 | 15.14 | 2.19 | 52.5 | 2.16 | -4.9 | 1.2 |
| 2625 | 49.8 | 15.23 | 2.22 | 52.5 | 2.20 | -5.1 | 1.2 |
| 2650 | 49.6 | 15.33 | 2.26 | 52.4 | 2.23 | -5.3 | 1.2 |
| 2675 | 49.6 | 15.45 | 2.30 | 52.4 | 2.27 | -5.4 | 1.3 |
| 2700 | 49.5 | 15.56 | 2.34 | 52.4 | 2.30 | -5.5 | 1.4 |



Measurement Certificate / Material Test

| | |
|--------------|---|
| Item Name | Body Tissue Simulating Liquid (MBBL3500-5800V5) |
| Product No. | SL AAM 501 EA (Charge: 140114-1) |
| Manufacturer | SPEAG |

Measurement Method

TSL dielectric parameters measured using calibrated OCP probe.

Setup Validation

Validation results were within $\pm 2.5\%$ towards the target values of Methanol.

Target Parameters

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

Test Condition

| | |
|-----------------|---|
| Ambient | Environment temperatur (22 ± 3)°C and humidity < 70%. |
| TSL Temperature | 22°C |
| Test Date | 15-Jan-14 |
| Operator | IEN |

Additional Information

| | |
|-------------------|-------------------------|
| TSL Density | 0.996 g/cm ³ |
| TSL Heat-capacity | 3.765 kJ/(kg*K) |

| f [MHz] | Measured | | Target | | Diff.to Target [%] | |
|---------|-----------------|------------------|--------|------|--------------------|-------------------|
| | HP- ϵ' | HP- ϵ'' | sigma | eps | sigma | $\Delta\epsilon'$ |
| 3400 | 52.2 | 16.63 | 3.14 | 51.5 | 3.20 | 1.4 |
| 3500 | 52.0 | 16.67 | 3.25 | 51.3 | 3.31 | 1.3 |
| 3600 | 51.9 | 16.74 | 3.35 | 51.2 | 3.43 | 1.4 |
| 3700 | 51.7 | 16.81 | 3.46 | 51.1 | 3.55 | 1.3 |
| 3800 | 51.6 | 16.90 | 3.57 | 50.9 | 3.66 | 1.3 |
| 3900 | 51.5 | 16.99 | 3.69 | 50.8 | 3.78 | 1.4 |
| 4000 | 51.3 | 17.08 | 3.80 | 50.6 | 3.90 | 1.3 |
| 4100 | 51.2 | 17.18 | 3.92 | 50.5 | 4.01 | 1.4 |
| 4200 | 51.1 | 17.32 | 4.05 | 50.4 | 4.13 | 1.4 |
| 4300 | 50.9 | 17.47 | 4.18 | 50.2 | 4.25 | 1.3 |
| 4400 | 50.8 | 17.61 | 4.31 | 50.1 | 4.37 | 1.4 |
| 4500 | 50.6 | 17.73 | 4.44 | 50.0 | 4.48 | 1.3 |
| 4600 | 50.4 | 17.86 | 4.57 | 49.8 | 4.60 | 1.1 |
| 4700 | 50.3 | 18.00 | 4.71 | 49.7 | 4.72 | 1.2 |
| 4800 | 50.1 | 18.14 | 4.84 | 49.6 | 4.83 | 1.1 |
| 4850 | 50.0 | 18.20 | 4.91 | 49.5 | 4.89 | 1.0 |
| 4900 | 49.9 | 18.28 | 4.98 | 49.4 | 4.95 | 1.0 |
| 4950 | 49.8 | 18.31 | 5.04 | 49.4 | 5.01 | 0.9 |
| 5000 | 49.7 | 18.38 | 5.11 | 49.3 | 5.07 | 0.8 |
| 5050 | 49.6 | 18.44 | 5.18 | 49.2 | 5.12 | 0.8 |
| 5100 | 49.5 | 18.50 | 5.25 | 49.2 | 5.18 | 0.7 |
| 5150 | 49.4 | 18.57 | 5.32 | 49.1 | 5.24 | 0.6 |
| 5200 | 49.4 | 16.63 | 5.39 | 49.0 | 5.30 | 0.8 |
| 5250 | 49.3 | 16.68 | 5.46 | 48.9 | 5.36 | 0.7 |
| 5300 | 49.2 | 16.75 | 5.53 | 48.9 | 5.42 | 0.7 |
| 5350 | 49.1 | 16.79 | 5.59 | 48.8 | 5.47 | 0.6 |
| 5400 | 49.0 | 16.86 | 5.66 | 48.7 | 5.53 | 0.5 |
| 5450 | 48.9 | 16.90 | 5.73 | 48.7 | 5.59 | 0.5 |
| 5500 | 48.8 | 16.94 | 5.80 | 48.6 | 5.65 | 0.4 |
| 5550 | 48.7 | 19.01 | 5.87 | 48.5 | 5.71 | 0.3 |
| 5600 | 48.7 | 19.06 | 5.94 | 48.5 | 5.77 | 0.5 |
| 5650 | 48.6 | 19.13 | 6.01 | 48.4 | 5.82 | 0.4 |
| 5700 | 48.5 | 19.18 | 6.08 | 48.3 | 5.88 | 0.3 |
| 5750 | 48.4 | 19.26 | 6.16 | 48.3 | 5.94 | 0.3 |
| 5800 | 48.3 | 19.30 | 6.23 | 48.2 | 6.00 | 0.2 |
| 5850 | 48.2 | 19.37 | 6.30 | 48.1 | 6.06 | 0.1 |
| 5900 | 48.1 | 19.43 | 6.38 | 48.1 | 6.12 | 0.1 |

