Dipole antenna information:

Dipole:	D1750V2
Serial Number:	1140
Manufacturer:	Speag
Calibration Date:	2025/06/14
Calibrated by: Allen Sun	Reciewed by:

Note:
All Calibration have been conducted in the closed laboratory facility: Lab Temperature 18℃-25℃ and humidity < 70%

Calibration Equipment used:

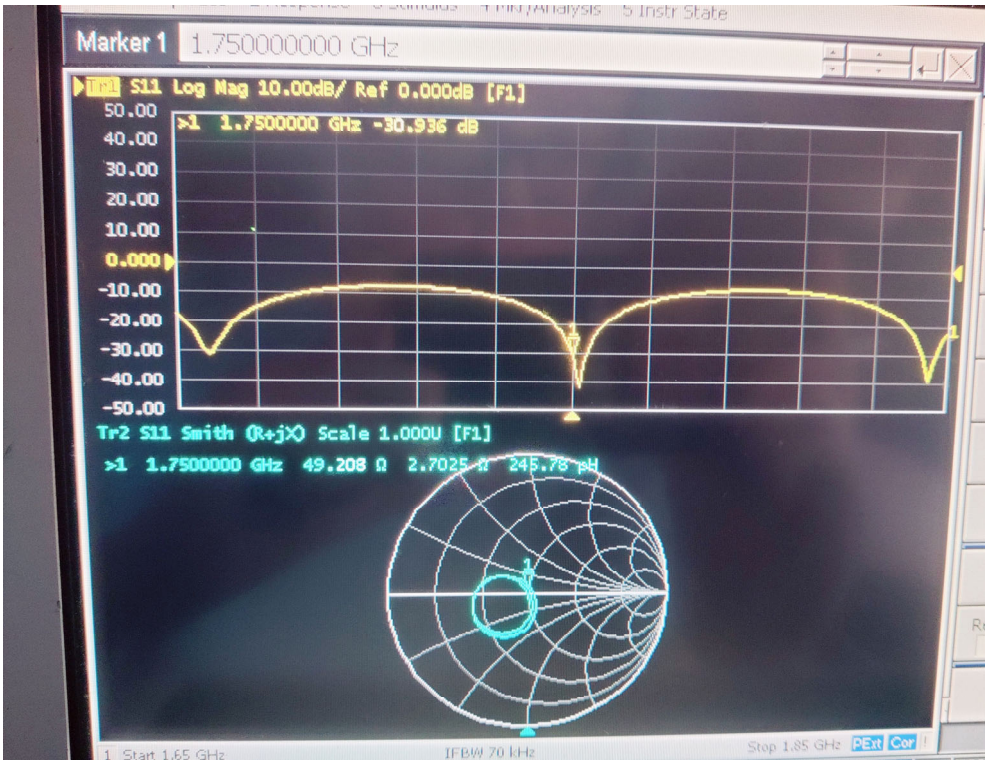
Equipment	Model	S/N	Calibration Date	Calibration Due Date
Twin-SAM Phantom	QD 000 P41 Ax	1963	N/A	N/A
Simulated Tissue LiquidHead	HBBL600-6000V6	180611-3	Each Time	
Network Analyzer	E5071B	SG42400155	2025/04/08	2026/04/07
Network Analyzer Calibration Kit	50Ω	N/A	N/A	N/A

Test Data:

Frequency (MHz)	Simulated Liquid	Parameter	Measured Value	Target Value	Deviation
1750	Head	Return Loss	-30.936 dB	-30.748 dB	0.611%
		Real Impedance	49.208 Ω	47.181 Ω	2.027 Ω
		Imaginary Impedance	2.7025 Ω	-0.0631Ω	2.7656 Ω

Note:
The return loss is <-20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

D1750V2 - SN: 1140 (Date of Measurement: 2025/06/14)



Dipole antenna information:

Dipole:	D1900V2
Serial Number:	5d206
Manufacturer:	Speag
Calibration Date:	2025/06/14
Calibrated by: Allen Sun	Reciewed by:

Note:
All Calibration have been conducted in the closed laboratory facility: Lab Temperature 18℃-25℃ and humidity < 70%

Calibration Equipment used:

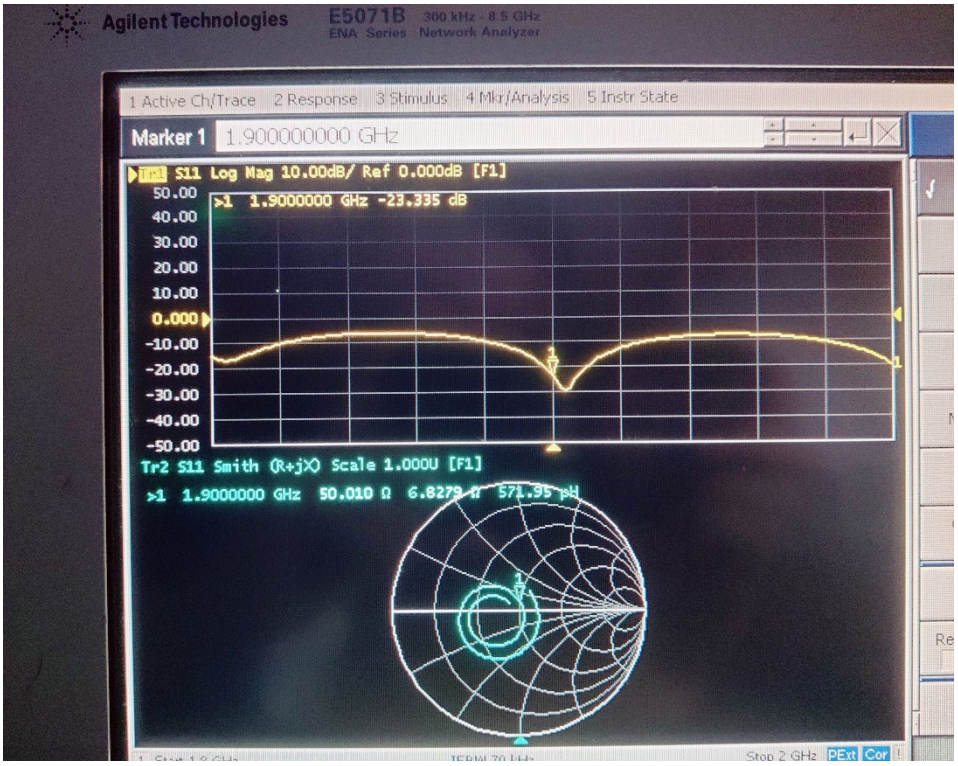
Equipment	Model	S/N	Calibration Date	Calibration Due Date
Twin-SAM Phantom	QD 000 P41 Ax	1963	N/A	N/A
Simulated Tissue LiquidHead	HBBL600-6000V6	180611-3	Each Time	
Network Analyzer	E5071B	SG42400155	2025/04/08	2026/04/07
Network Analyzer Calibration Kit	50Ω	N/A	N/A	N/A

Test Data:

Frequency (MHz)	Simulated Liquid	Parameter	Measured Value	Target Value	Deviation
1900	Head	Return Loss	-23.335 dB	-24.081 dB	3.098%
		Real Impedance	50.010 Ω	51.081 Ω	1.071 Ω
		Imaginary Impedance	6.8279 Ω	6.2373 Ω	0.5906 Ω

Note:
The return loss is <-20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

D1900V2 - SN: 5d206 (Date of Measurement: 2025/06/14)



Dipole antenna information:

Dipole:	D2450V2
Serial Number:	970
Manufacturer:	Speag
Calibration Date:	2025/06/14
Calibrated by: Allen Sun	Reciewed by:

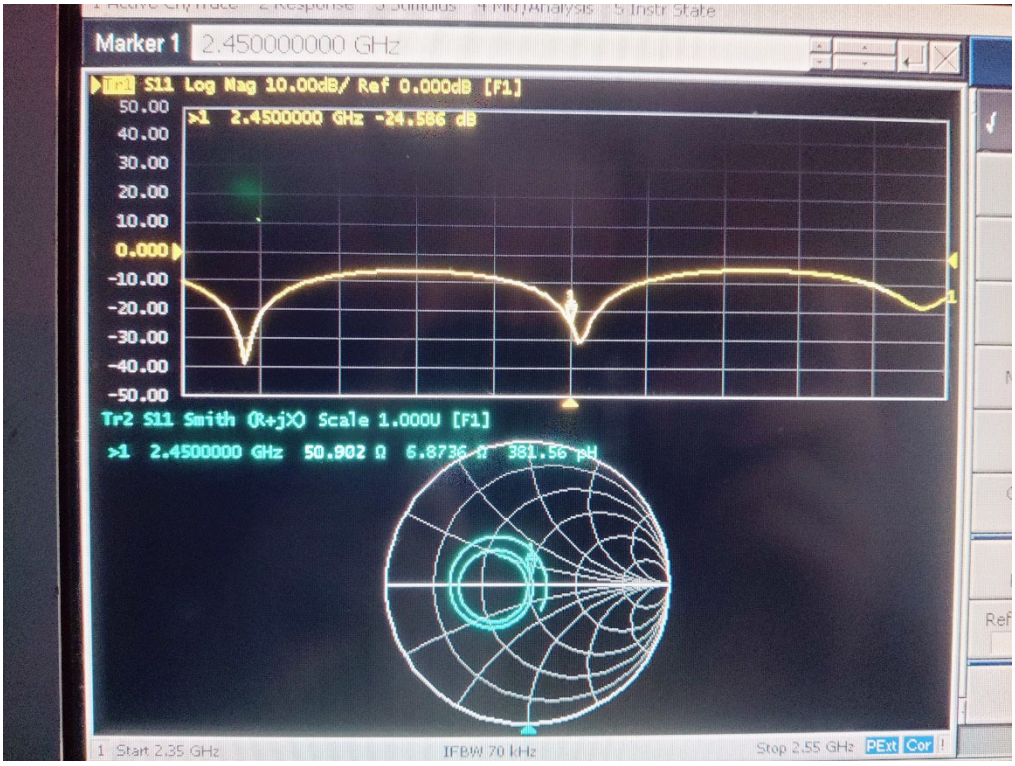
Note:
All Calibration have been conducted in the closed laboratory facility: Lab Temperature 18℃-25℃ and humidity < 70%

Calibration Equipment used:

Equipment	Model	S/N	Calibration Date	Calibration Due Date
Twin-SAM Phantom	QD 000 P41 Ax	1963	N/A	N/A
Simulated Tissue LiquidHead	HBBL600-6000V6	180611-3	Each Time	
Network Analyzer	E5071B	SG42400155	2025/04/08	2026/04/07
Network Analyzer Calibration Kit	50Ω	N/A	N/A	N/A

Test Data:

Frequency (MHz)	Simulated Liquid	Parameter	Measured Value	Target Value	Deviation
2450	Head	Return Loss	-24.586 dB	-24.353 dB	0.957%
		Real Impedance	50.902 Ω	53.832 Ω	2.93 Ω
		Imaginary Impedance	6.8736 Ω	4.9974 Ω	1.8762 Ω

Note:
The return loss is <-20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

D2450V2 - SN: 970 (Date of Measurement: 2025/06/14)