

Dipole antenna information:

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

Note:

All Calibration have been conducted in the closed laboratory facility: Lab Temperature 18°C-25°C 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.

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