

APPENDIX F - RETURN LOSS AND IMPEDANCE MEASUREMENT

D900V2 - SN:1d183 Extended Dipole Calibrations

Referring to KDB865664 D01, if dipoles are verified in return loss(< -20dB, within 20% of prior calibration), and in impedance(within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended.

Test Equipment Information:

Equipment	Model	S/N	Calibration Date	Calibration Due Date
Simulated Tissue Liquid Head	HBBL600-10000V6	SL AAH U126 CA (Batch:250429-1)	N/A	N/A
Twin SAM	Twin SAM V5.0	1874	NCR	NCR
Network Analyzer	E5071C	SER MY46519680	2025/4/29	2026/4/28
Network Analyzer Calibration Kit	50 Ω	51026	NCR	NCR

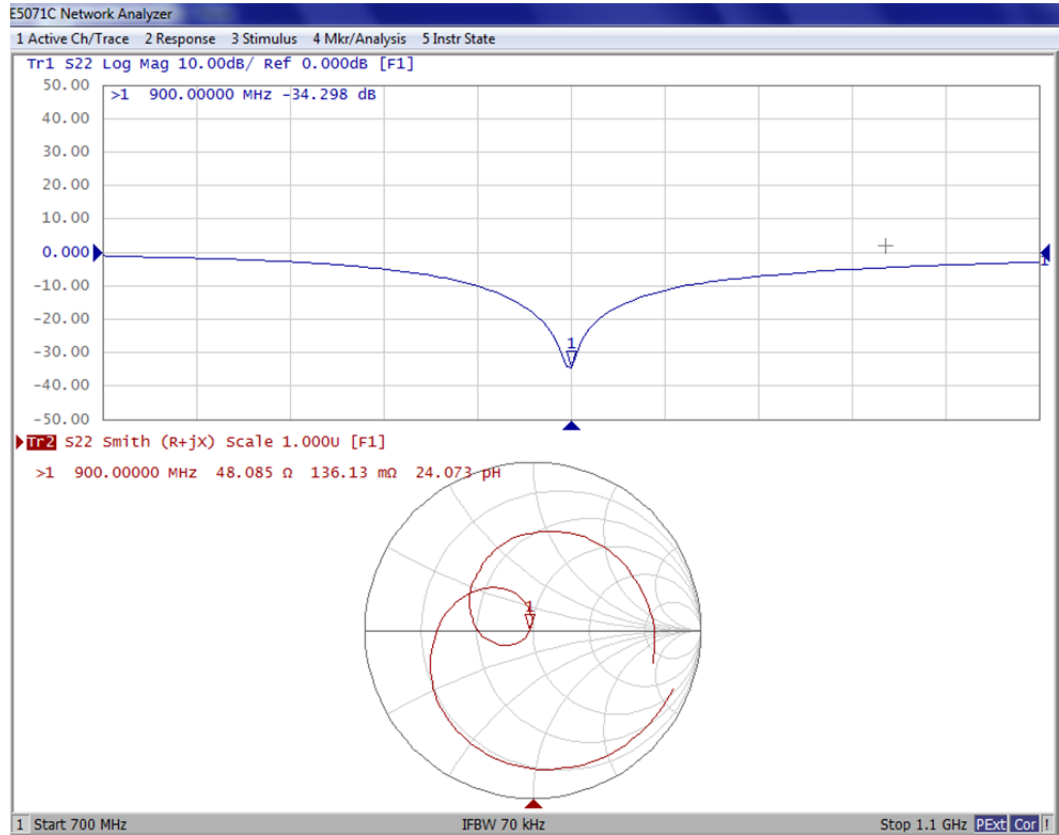
Justification of the extended calibration

D900V2 - SN:1d183						
900MHz Head						
Date of Measurement	Return-Loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
2024/8/21 (Cal. Report)	-36.1	/	49.5	/	-1.48	/
2025/8/13 (Extended)	-34.3	-5.0%	48.1	-1.4	0.14	1.62

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.

Dipole Verification Data> D900V2 - SN:1d183 (Date of Measurement: 2025/8/13)

900MHz - Head



	Name	Tilt	Signature
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