

Appendix D

Per standard guidance, dipoles longer calibration intervals of up to three years may be considered when it is demonstrated that the SAR target, impedance and return loss of a dipole have remained stable according to the following requirements:

- a. When the measured SAR deviates from the calibrated SAR value by less than 10%.
- b. When the most recent return loss result, measured at least annually, deviates by less than 20% from the previous measurement.
- c. When the most recent measurement of the impedance, measured at least annually, deviates by less than 5 Ω from the previous measurement.

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RETURN LOSS

Report No.: TESA2503000285E5

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				TARGET	MEAS.	DEVIATION	EVALUATION	TEST DATE
Calibration By CCTL				(dB)	(dB)	(%)	(PASS/FAIL)	
TYPE	SN.	FREQ.	CAL.DATE					
D2450V2	728	2450 MHz	2024/08/23	-22.581	-21.564	4.51%	PASS	2025/01/17

IMPEDANCE

				TARGET	MEAS.	DEVIATION	EVALUATION	TEST DATE
Calibration By CCTL				(Ω)	(Ω)	(Ω)	(PASS/FAIL)	
TYPE	SN.	FREQ.	CAL.DATE					
D2450V2	728	2450 MHz	2024/08/23	52.977	48.333	4.644	PASS	2025/01/17

SYSTEM CHECK

				TARGET		MEAS.		DEVIATION		EVALUATION	TEST DATE
Calibration By CCTL				1g SAR (W/kg)	10g SAR (W/kg)	1g SAR (W/kg)	10g SAR (W/kg)	1g	10g	(PASS/FAIL)	
TYPE	SN.	FREQ.	CAL.DATE								
D2450V2	728	2450 MHz	2024/08/23	13.18	6.23	12.90	6.39	2.09%	2.65%	PASS	2025/01/17

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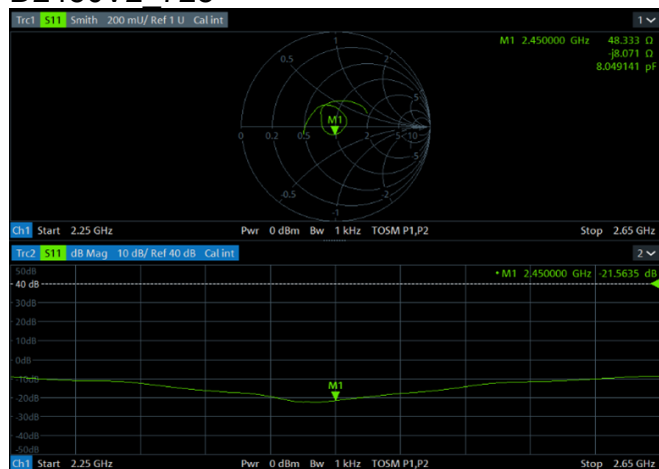
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D2450V2 728



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Dipole_D2450-SN:728

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	FRONT, 10.00	7.45	1.859	39.620

Hardware Setup

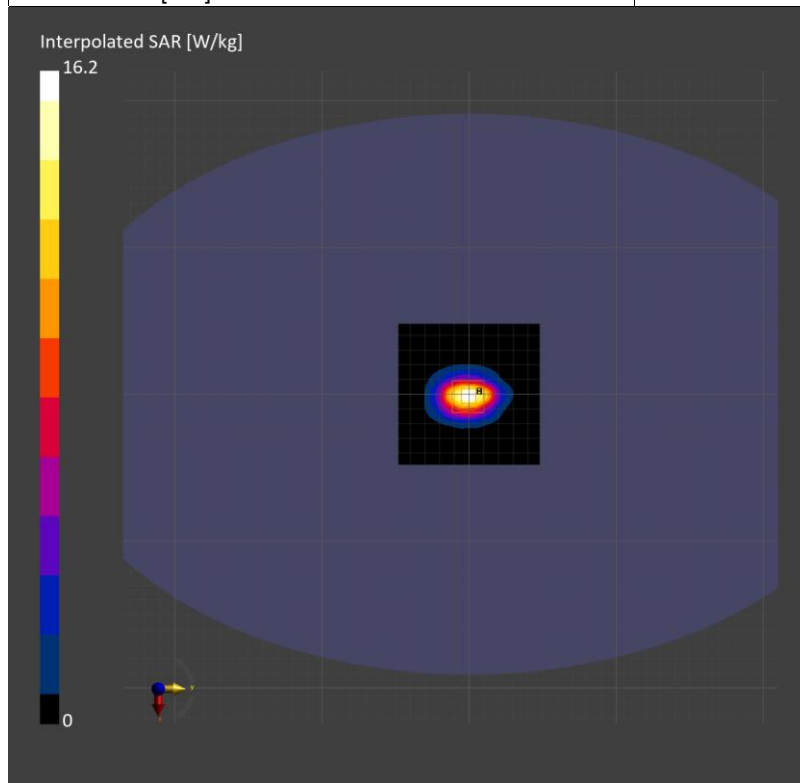
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN3665, 2024-09-04	DAE4 Sn1260, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 96.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-17	2025-01-17
psSAR1g [W/kg]	12.3	12.9
psSAR8g [W/kg]	6.41	7.00
psSAR10g [W/kg]	5.80	6.39
Power Drift [dB]	-0.03	-0.04
M2/M1 [%]		56.5
Dist 3dB Peak [mm]		9.0

**- End of report -**

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