

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 more than 5 Ω from the previous measurement.

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RETURN LOSS

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				TARGET	MEAS.	DEVIATION	EVALUATION	TEST DATE
Calibration By CCTL				(dB)	(dB)	(%)	(PASS/FAIL)	
TYPE	SN.	FREQ.	CAL.DATE					
D2300V2	1009	2300 MHz	2024/08/22	-28.097	-30.042	6.92%	PASS	2025/01/17
D2600V2	1014	2600 MHz	2024/08/21	-27.058	-26.946	0.41%	PASS	2025/01/17

IMPEDANCE

				TARGET	MEAS.	DEVIATION	EVALUATION	TEST DATE
Calibration By CCTL				(Ω)	(Ω)	(Ω)	(PASS/FAIL)	
TYPE	SN.	FREQ.	CAL.DATE					
D2300V2	1009	2300 MHz	2024/08/22	46.572	49.651	3.079	PASS	2025/01/17
D2600V2	1014	2600 MHz	2024/08/21	46.877	49.104	2.227	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								
D2300V2	1009	2300 MHz	2024/08/22	12.43	5.98	12.20	5.84	1.81%	2.26%	PASS	2025/01/17
D2600V2	1014	2600 MHz	2024/08/21	13.70	6.23	14.20	6.42	3.65%	3.13%	PASS	2025/01/17

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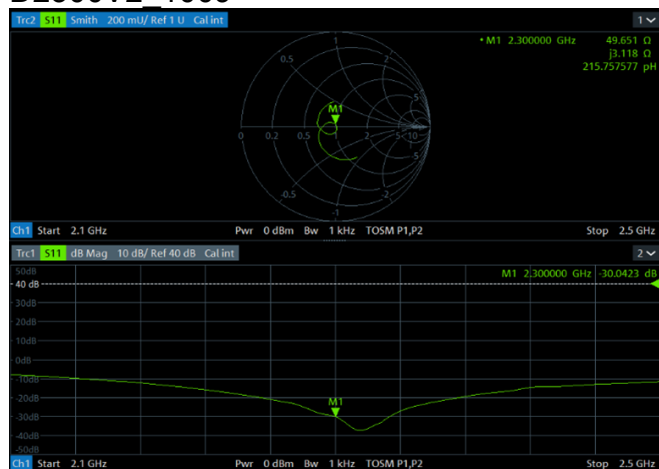
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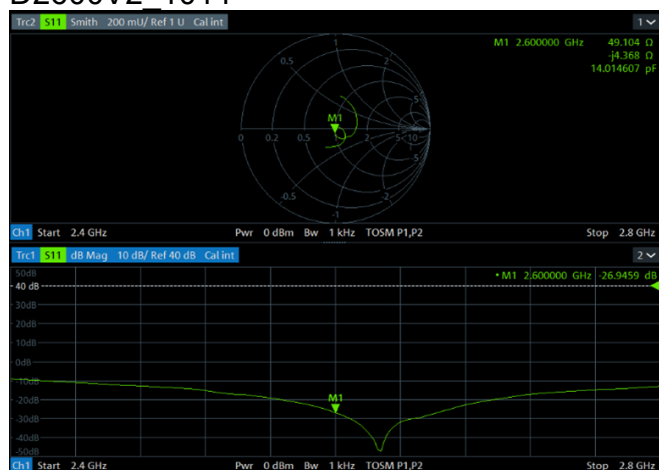
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D2300V2 1009



D2600V2 1014



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Dipole_D2300-SN:1009

Ambient temperature: 22.6°C; Liquid temperature: 21.3°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	7.71	1.724	39.807

Hardware Setup

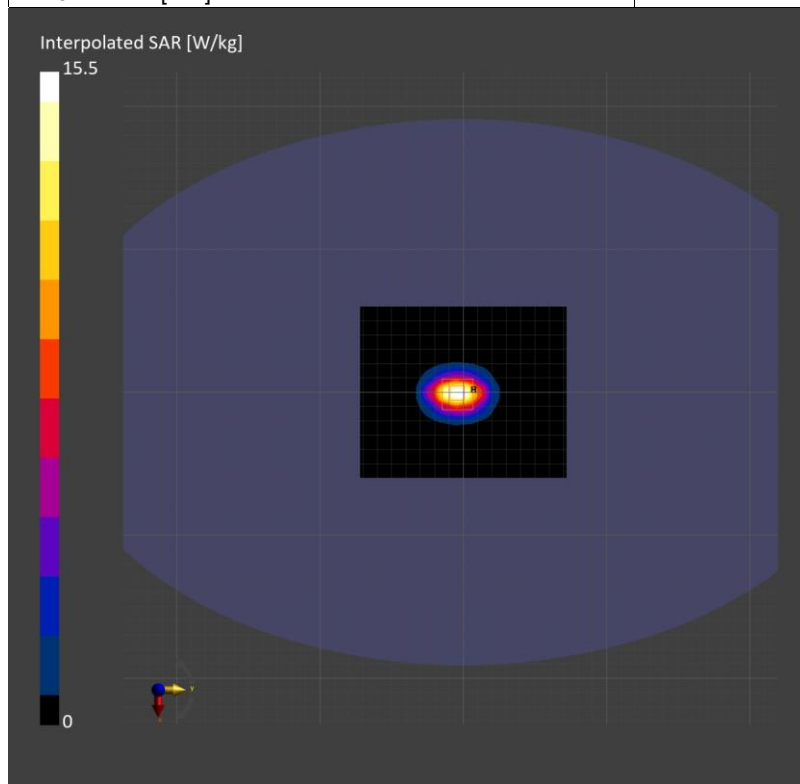
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN3665, 2024-09-04	DAE4 Sn1260, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 144.0	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]	12.2	12.2
psSAR8g [W/kg]	6.43	6.42
psSAR10g [W/kg]	5.83	5.84
Power Drift [dB]	-0.04	0.01
M2/M1 [%]		51.2
Dist 3dB Peak [mm]		9.1



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Dipole_D2600-SN:1014

Ambient temperature: 22.1°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 10.00	7.55	1.992	39.349

Hardware Setup

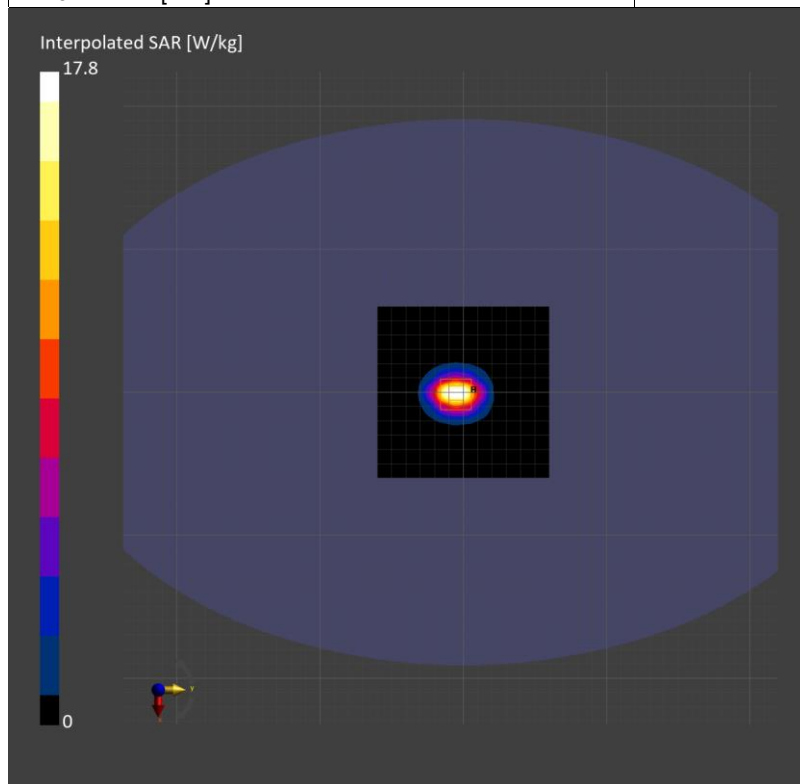
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN3665, 2024-09-04	DAE4 Sn1260, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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]	13.9	14.2
psSAR8g [W/kg]	7.02	7.12
psSAR10g [W/kg]	6.32	6.42
Power Drift [dB]	-0.03	-0.02
M2/M1 [%]		56.6
Dist 3dB Peak [mm]		9.0

**- End of report -**

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