

偶极子天线验证记录表

Dipole antenna verification record table

	date	Frequency (MHz)	Return Loss (dB)	Lmpedance,transformed to feed point
Manufacturer data	2024.08.19	750	-32.20	51.4Ω-2.06jΩ
test data	2025.11.21	750	-32.02	51.6Ω-1.46jΩ
Expected next Impedance,transformed to feed point test on November 20, 2026				

	date	Frequency (MHz)	Return Loss (dB)	Lmpedance,transformed to feed point
Manufacturer data	2024.08.20	835	-29.90	49.1Ω-3.05jΩ
test data	2025.11.21	835	-30.60	49.9Ω-4.30jΩ
Expected next Impedance,transformed to feed point test on November 20, 2026				

	date	Frequency (MHz)	Return Loss (dB)	Lmpedance,transformed to feed point
Manufacturer data	2024.08.20	1750	-32.80	47.8Ω-0.26jΩ
test data	2025.11.21	1750	-31.33	48.3Ω-2.16jΩ
Expected next Impedance,transformed to feed point test on November 20, 2026				

	date	Frequency (MHz)	Return Loss (dB)	Lmpedance,transformed to feed point
Manufacturer data	2024.08.19	1900	-27.10	50.8Ω+4.38jΩ
test data	2025.11.21	1900	-24.33	51.8Ω-5.94jΩ
Expected next Impedance,transformed to feed point test on November 20, 2026				

	date	Frequency (MHz)	Return Loss (dB)	Lmpedance,transformed to feed point
Manufacturer data	2024.08.16	2550	-37.40	50.4Ω-1.3jΩ
test data	2025.11.21	2550	-37.11	50.6Ω-1.99jΩ
Expected next Impedance,transformed to feed point test on November 20, 2026				



	date	Frequency (MHz)	Return Loss (dB)	Lmpedance,transformed to feed point
Manufacturer data	2024.10.17	3500	-27.0	51.7Ω+4.2jΩ
test data	2025.11.22	3500	-26.6	49.5Ω+0.56jΩ
Expected next Impedance,transformed to feed point test on November 20, 2026				

	date	Frequency (MHz)	Return Loss (dB)	Lmpedance,transformed to feed point
Manufacturer data	2024.10.17	3700	-22.6	43.3Ω+1.6jΩ
test data	2025.11.22	3700	-22.2	43.3Ω-4.67jΩ
Expected next Impedance,transformed to feed point test on November 20, 2026				

	date	Frequency (MHz)	Return Loss (dB)	Lmpedance,transformed to feed point
Manufacturer data	2024.10.17	5200	-25.0	53.3Ω-4.8jΩ
test data	2025.11.24	5200	-25.5	52.7Ω-2.40jΩ
Expected next Impedance,transformed to feed point test on November 20, 2026				

	date	Frequency (MHz)	Return Loss (dB)	Lmpedance,transformed to feed point
Manufacturer data	2024.10.17	5500	-29.5	47.6Ω-2.2jΩ
test data	2025.11.24	5500	-28.6	49.8Ω-2.98jΩ
Expected next Impedance,transformed to feed point test on November 20, 2026				

	date	Frequency (MHz)	Return Loss (dB)	Lmpedance,transformed to feed point
Manufacturer data	2024.10.17	5800	-27.5	50.5Ω+4.2jΩ
test data	2025.11.24	5800	-27.7	49.2Ω+5.12jΩ
Expected next Impedance,transformed to feed point test on November 20, 2026				