

LFR-1312

Laser Frequency Reference 1312 nm



Specifications

Performance					
Parameter	Min	Typ	Max	Unit	Notes
Output wavelength		1312.5910		nm	Exact value shown in Test Certificate
Max. output power	3	4	5	mW	
Warmup time	-	<1	-	min	
Stability	-	-	±2	MHz	@ 30 ms integration time
Absolute accuracy	-	-	±2	MHz	

Geometry and connectivity	
Parameter	Value
Size	195 mm × 106 mm × 56 mm
Weight	1 kg
Optical fiber connector	FC/APC, SMF-28
Digital control interface	Ethernet / RJ45
Analog lock indicator	5V TTL, BNC

Environmental and Power Specifications	
Parameter	Value
Operating temperature range	+15 °C to +30 °C
Power requirements	100–240 VAC, 50–60 Hz
Operating altitude	0–3000 m

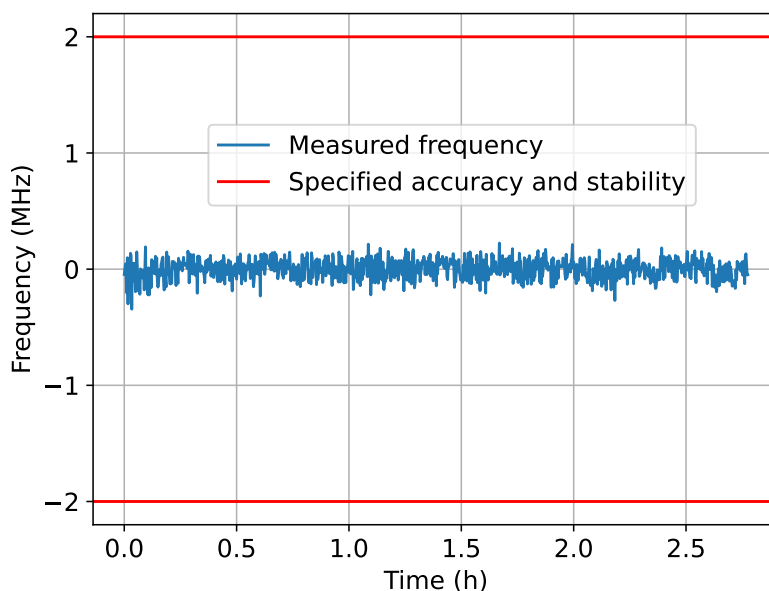


Figure 1: Typical frequency stability and absolute accuracy