



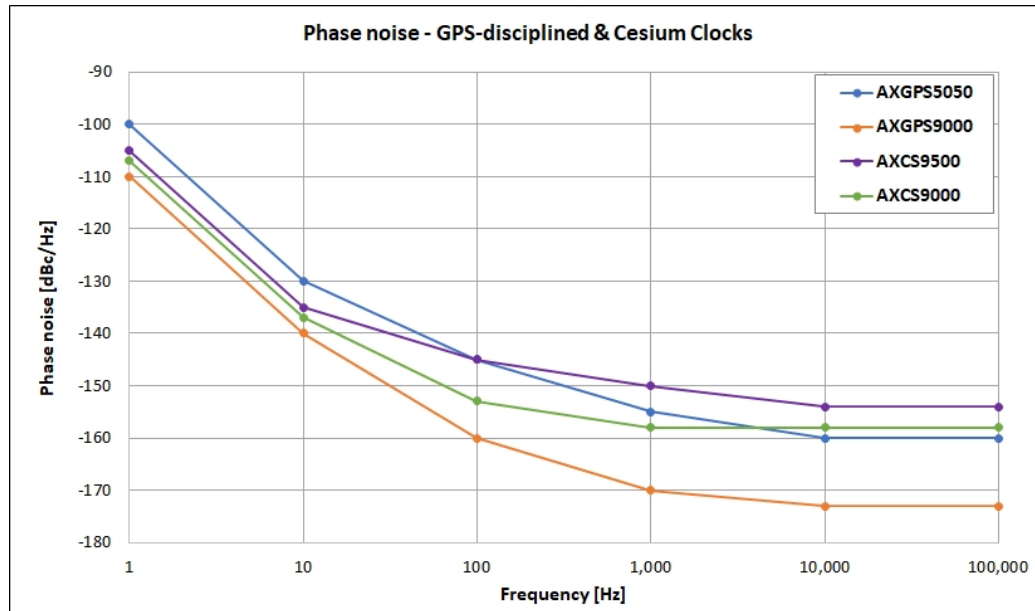


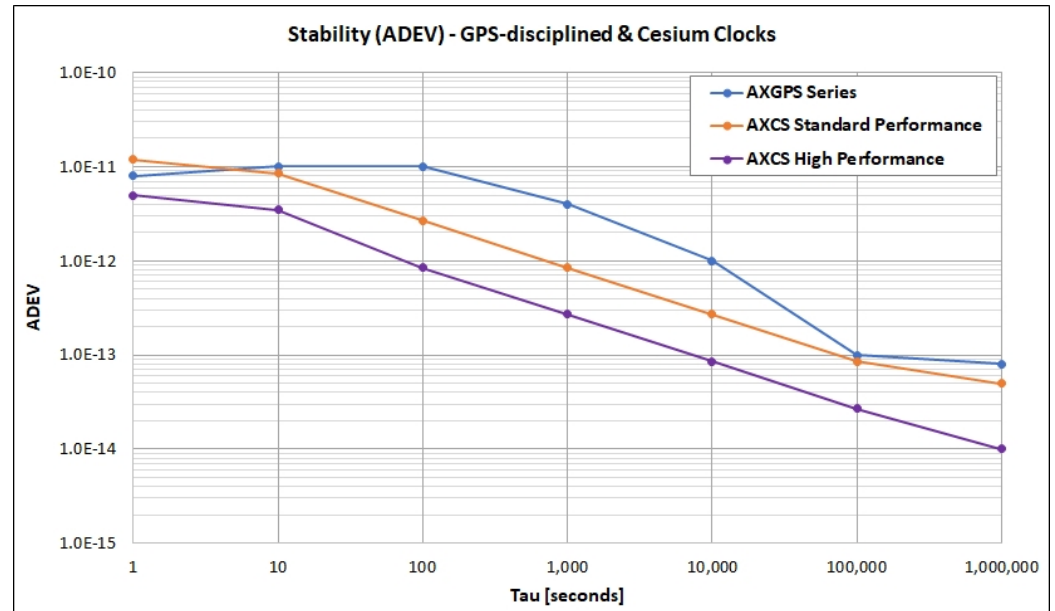
Model																																
	AXGPS5050				AXGPS9000				AXCS9000				AXCS9500																			
Technology	GPS-disciplined OCXO								Cesium Atomic Clock - Optically Pumped -				Cesium Atomic Clock - Magnetic Deflection -																			
Stability / Phase noise at 10 MHz [dBc/Hz]	8E-12	1 s	-100	1 Hz	8E-12	1 s	-110	1 Hz	5.0E-12	1 s	-105	1 Hz	5.0E-12	1 s	-105	1 Hz	1E-11	10 s	-130	10 Hz	1E-11	10 s	-140	10 Hz	3.5E-12	10 s	-135	10 Hz	3.5E-12	10 s	-135	10 Hz
	1E-11	100 s	-145	100 Hz	1E-11	100 s	-160	100 Hz	8.5E-13	100 s	-153	100 Hz	8.5E-13	100 s	-145	100 Hz	1E-11	1E3 s	-155	1 kHz	4E-12	1E3 s	-170	1 kHz	2.7E-13	1E3 s	-158	1 kHz	2.7E-13	1E3 s	-150	1 kHz
	4E-12	1E4 s	-160	10 kHz	1E-12	1E4 s	-173	10 kHz	8.5E-14	1E4 s	-158	10 kHz	8.5E-14	1E4 s	-154	10 kHz	1E-12	1E4 s	-160	10 kHz	1E-12	1E4 s	-173	10 kHz	2.7E-13	1E4 s	-158	10 kHz	2.7E-13	1E4 s	-154	10 kHz
	1E-13	1E5 s	-160	100 kHz	1E-13	1E5 s	-173	100 kHz	2.7E-14	1E5 s	-158	100 kHz	2.7E-14	1E5 s	-154	100 kHz	1E-13	1E5 s	-160	100 kHz	1E-13	1E5 s	-173	100 kHz	1.0E-14	Floor			1.0E-14	Floor		
Features	<ul style="list-style-type: none"> Compact Miniature GPSDO Very High Stability Low Noise 10 MHz & 1PPS Output 1 PPS Synchronization Input RS-232 Interface / NMEA-0183 PCB mountable 				<ul style="list-style-type: none"> Very High Stability Ultra-Low Noise 10 MHz & 1PPS Output 1 PPS Synchronization Input RS-232 Interface / NMEA-0183 Cascadable with AXDA9000/9100 distribution amplifiers 				<ul style="list-style-type: none"> Primary Reference Clock (PRC) Optically pumped Cesium Long tube life time of 10 years 5 MHz, 10 MHz and 1PPS Outputs Standard & High Performance Cascadable with AXDA9000/9100 distribution amplifiers 				<ul style="list-style-type: none"> Primary Reference Clock (PRC) Magnetic Deflection Cesium Tube life time > 5 years 5 MHz, 10 MHz and 1PPS Outputs Standard & High Performance Cascadable with AXDA9000/9100 distribution amplifiers 																			
Supply	12 V / 3 W				AC 230 V / 10 W				DC 22~75 V AC 220 V / 120 W				DC 36~75 V AC 220 V / 80 W																			
Size	50 x 50 x 25 mm THD Package				Slim 19" Rack - 1 HU				19" Rack - 4 HU				19" Rack - 3 HU																			



Phase noise



Stability (ADEV)



See also our
Distribution Amplifiers AXDA9000 Series for 1PPS and 10 MHz distribution
AXPLO10 & AXDA9200-CU for 10 MHz Phase Noise Clean-up

