

Model 855 Technical Spotlight

BNC's Model 855 Multi-output signal generators offer a compact and intuitive solution with up to 4 (8) channels in a single device. The common reference, whether internal or external, used for all outputs allow excellent channel-to-channel phase stability. The phase can easily be programmed for each channel individually, allowing to precisely set the phase relationship between 2 channels. In order to test multi-antenna systems, for example beamforming antennas, it is of particular importance that the phase relationship between the signals remain as constant as possible over time.

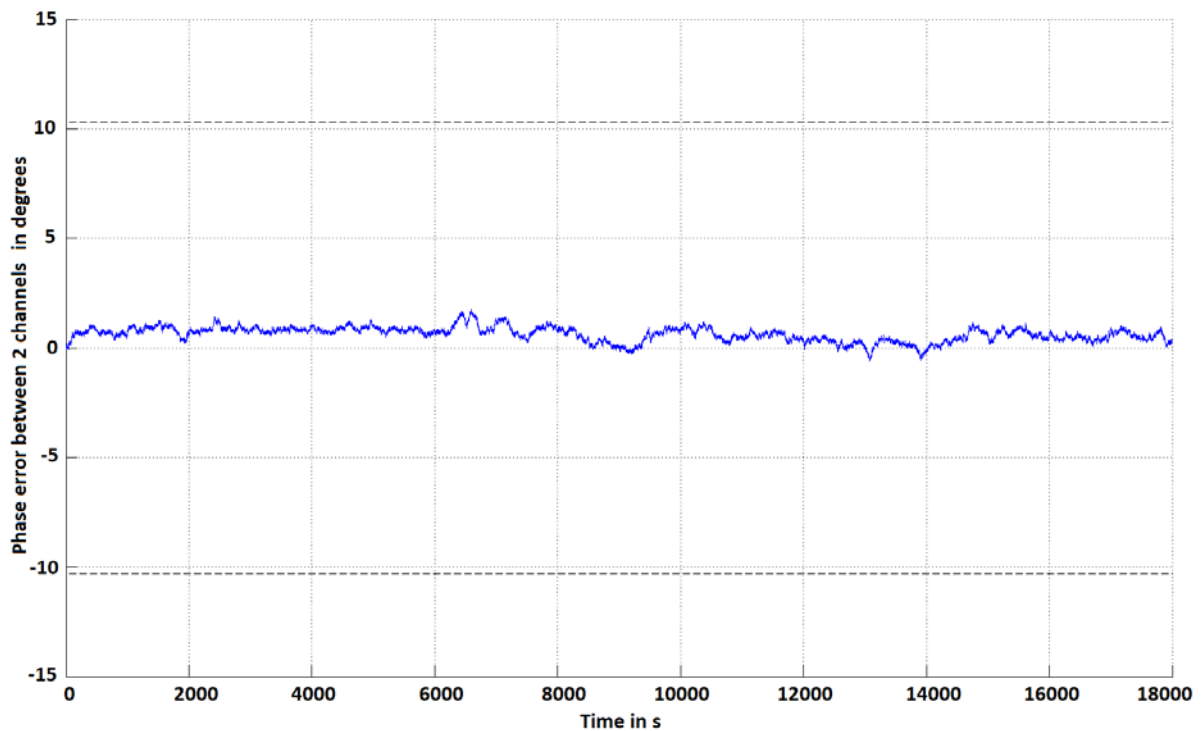


Figure 1: Outstanding channel-to-channel phase stability at 6GHz over a period of 5 hours.