

Highest output frequency	GPS-2180X: 80MHz		DG4062: 60MHz	
Output channels	2	✓	2	✓
Sampling rate	1.2GSa/s with 4× interpolation (normally 300MSa/s)	✓	500 MSa/s	✓
Arbitrary waveform length	CH1:8Mpts CH2:8Mpts	✓	CH1&CH2:16Kpts	✗
Frequency resolution	1μHz	✓	1μHz	✓
Frequency accuracy	±2ppm	✓	±2ppm	✓
Vertical resolution	16 bits	✓	14 bits	✓
Sine	1μHz ~ 80MHz	✓	4062:1μHz ~ 60MHz	✗
Square	1μHz ~ 25MHz	✓	4062:1μHz ~ 25MHz	✓
Pulse	1μHz ~ 25MHz	✓	4062:1μHz ~ 15MHz	✗
Ramp	1μHz ~ 1MHz	✓	4062:1μHz ~ 1MHz	✓
Gaussian white noise	80MHz (-3dB)	✓	4062:60MHz (-3dB)	✗
Arbitrary waveform	1μHz ~ 20MHz	✓	4062:1μHz ~ 15MHz	✗