

1.) COSINE WAVE

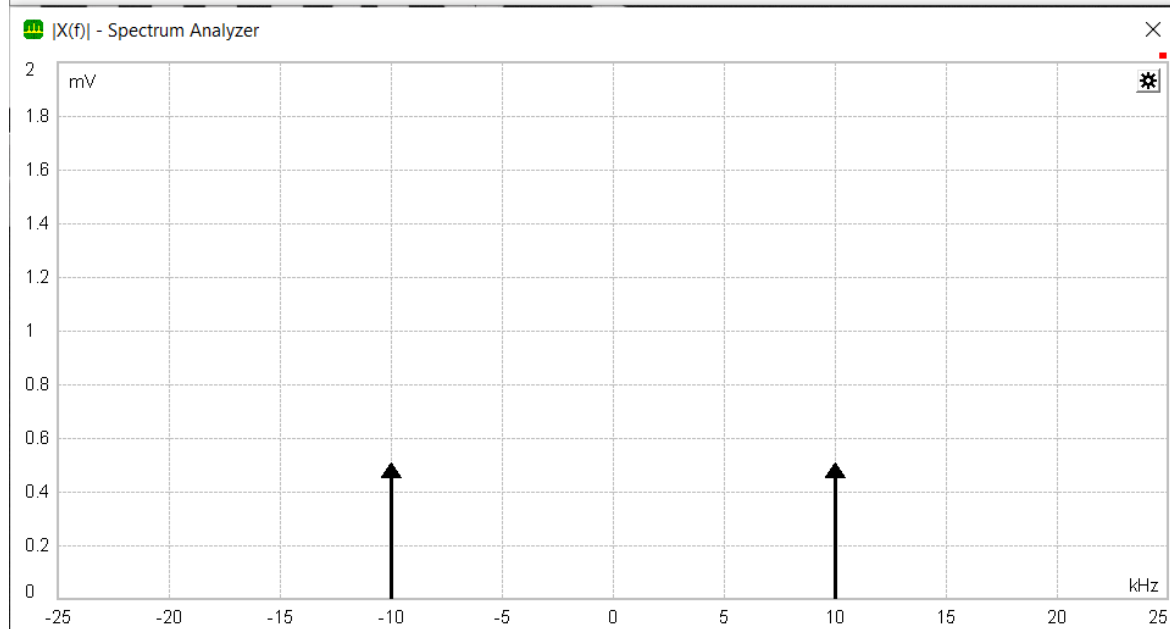
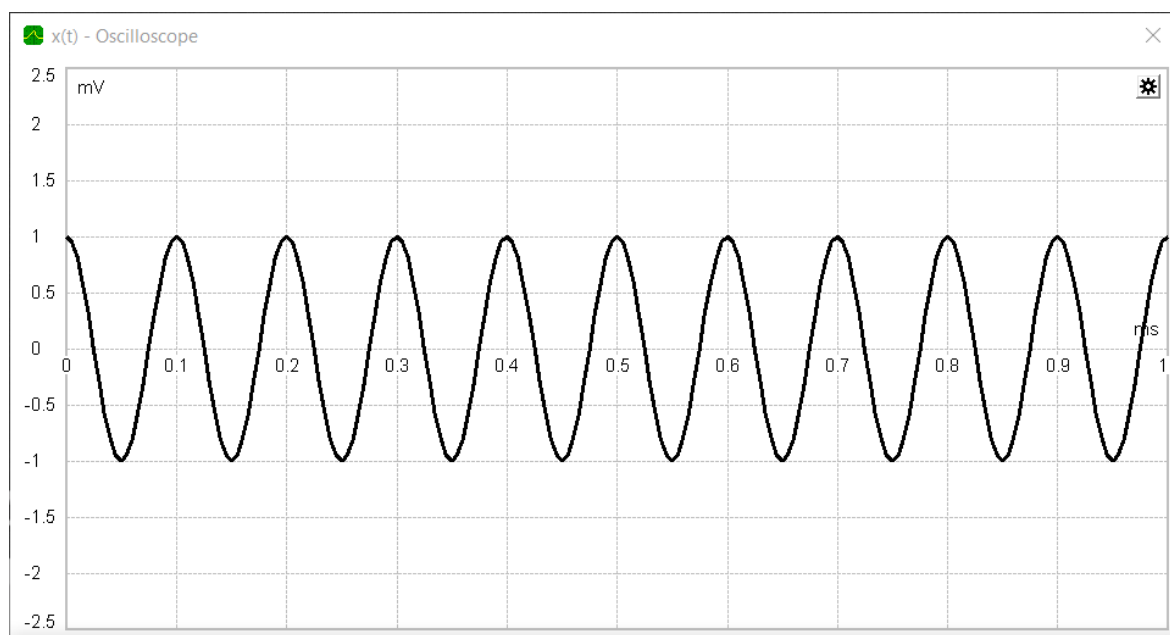
Sr. No.	AMPLITUDE (mV)	FREQUENCY (kHz)
1	1	10
2	1	20
3	2	10
4	2	20
5	2	15

Case 1: Amplitude: 1 mV || Frequency: 10 kHz

Signal Generator - Properties

Amplitude
Frequency
Output
Waveform

1.0 mV
10.0 kHz
On
Cosine



Case 2: Amplitude: 1 mV || Frequency: 20 kHz

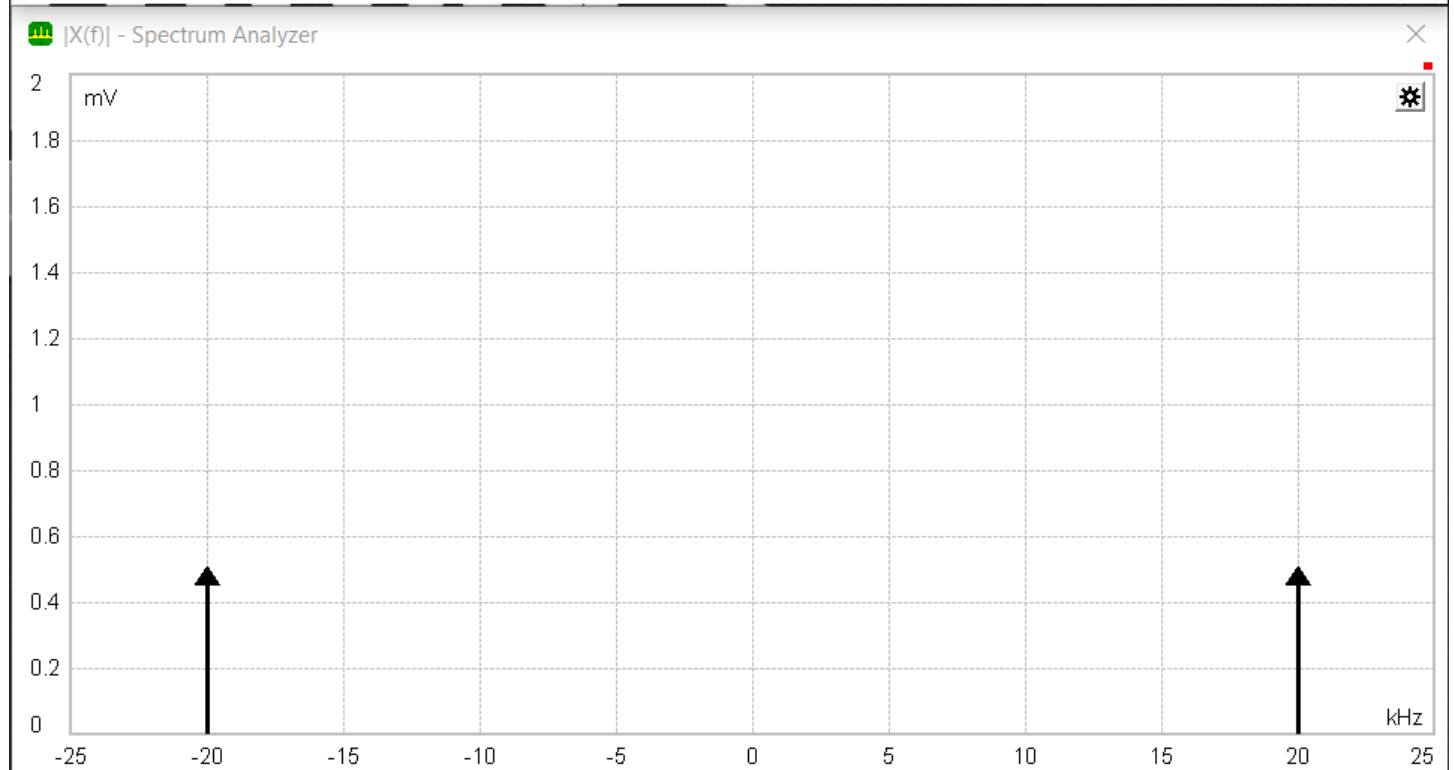
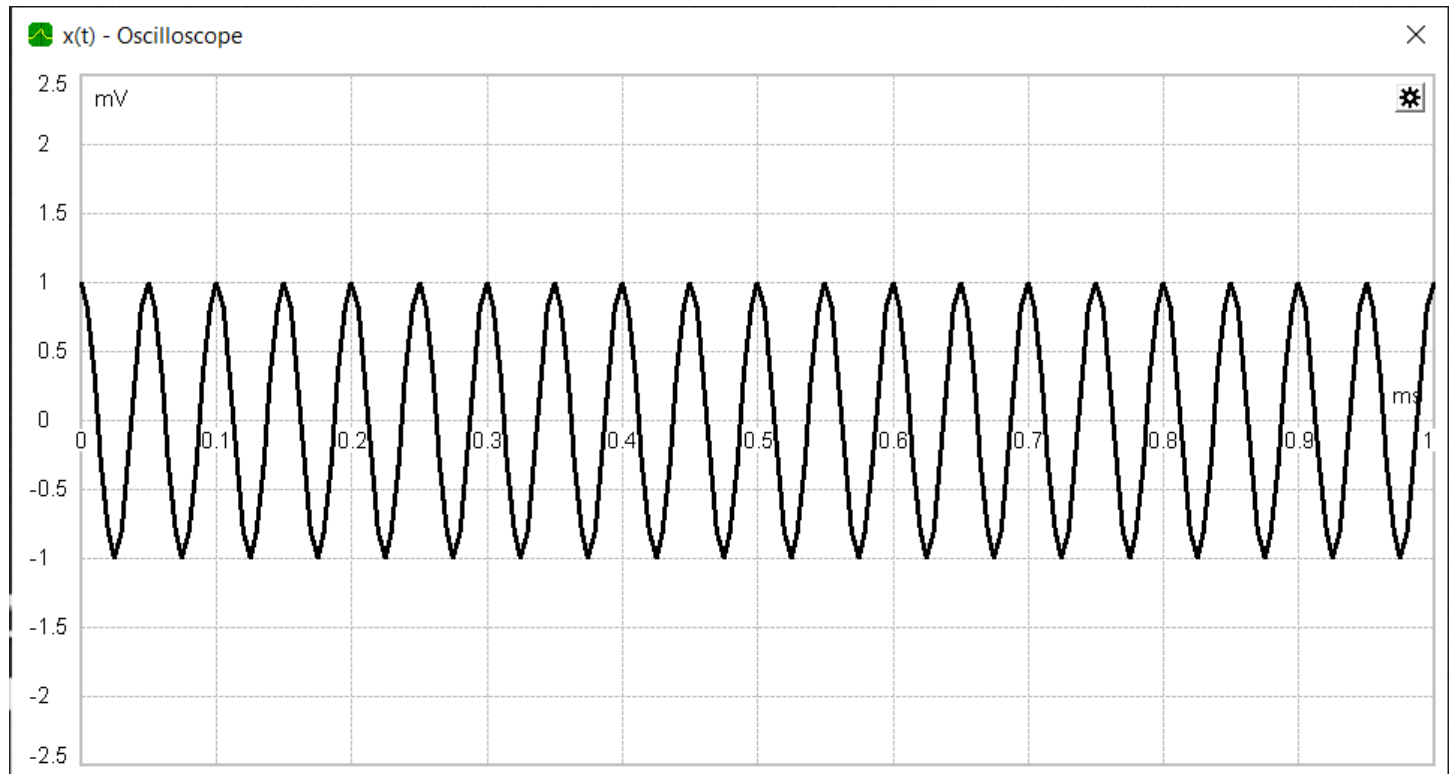
Signal Generator - Properties

Amplitude < 1.0 mV

Frequency < 20.0 kHz

Output On

Waveform Cosine



Case 3: Amplitude: 2 mV || Frequency: 10 kHz

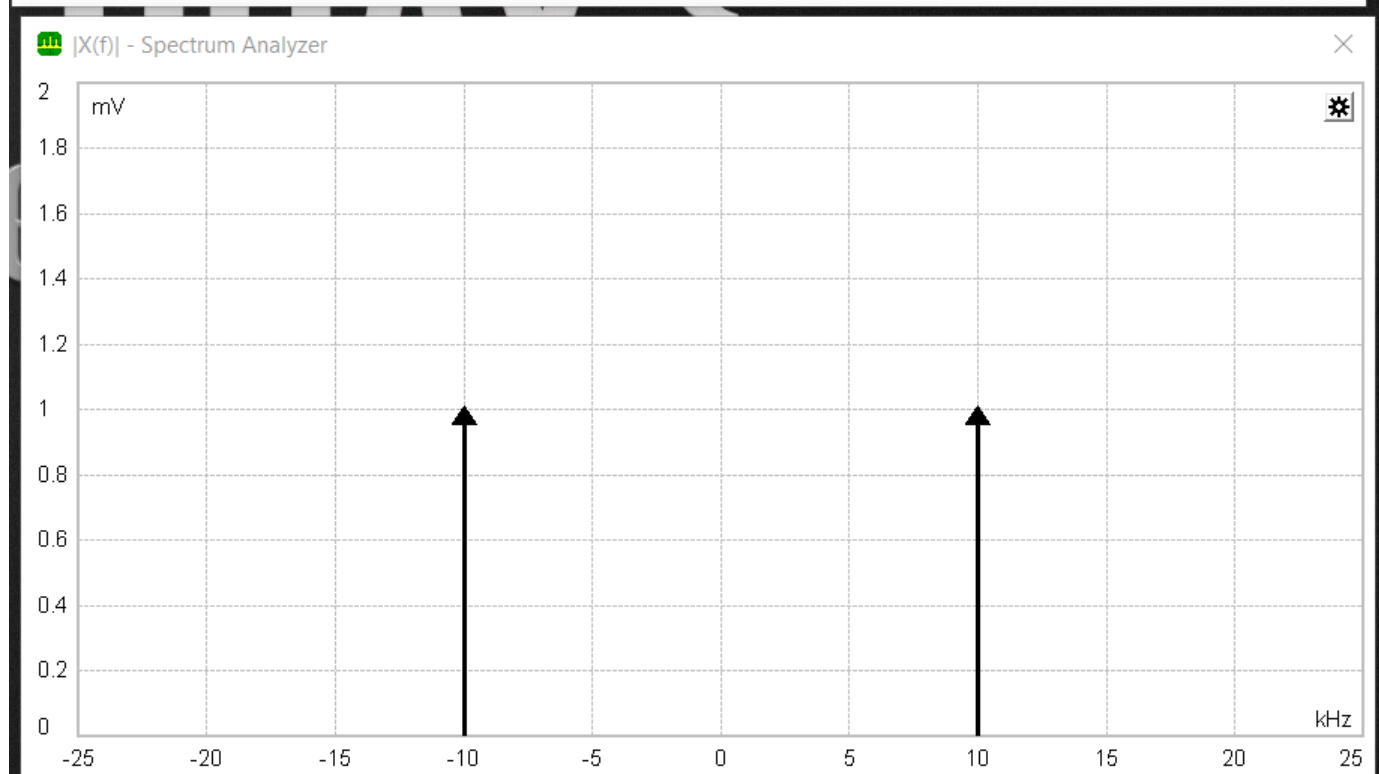
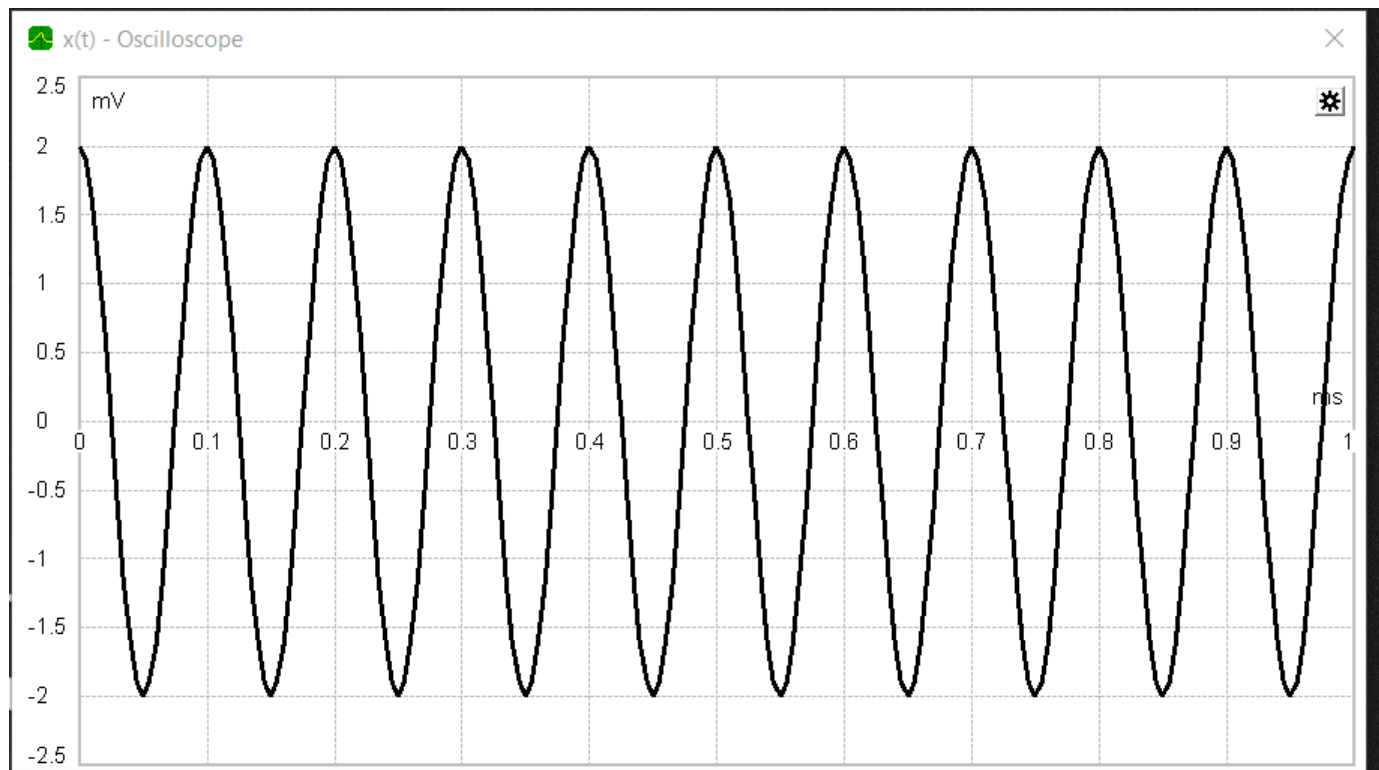
Signal Generator - Properties

Amplitude < [Slider] > 2.0 mV

Frequency < [Slider] > 10.0 kHz

Output On

Waveform Cosine

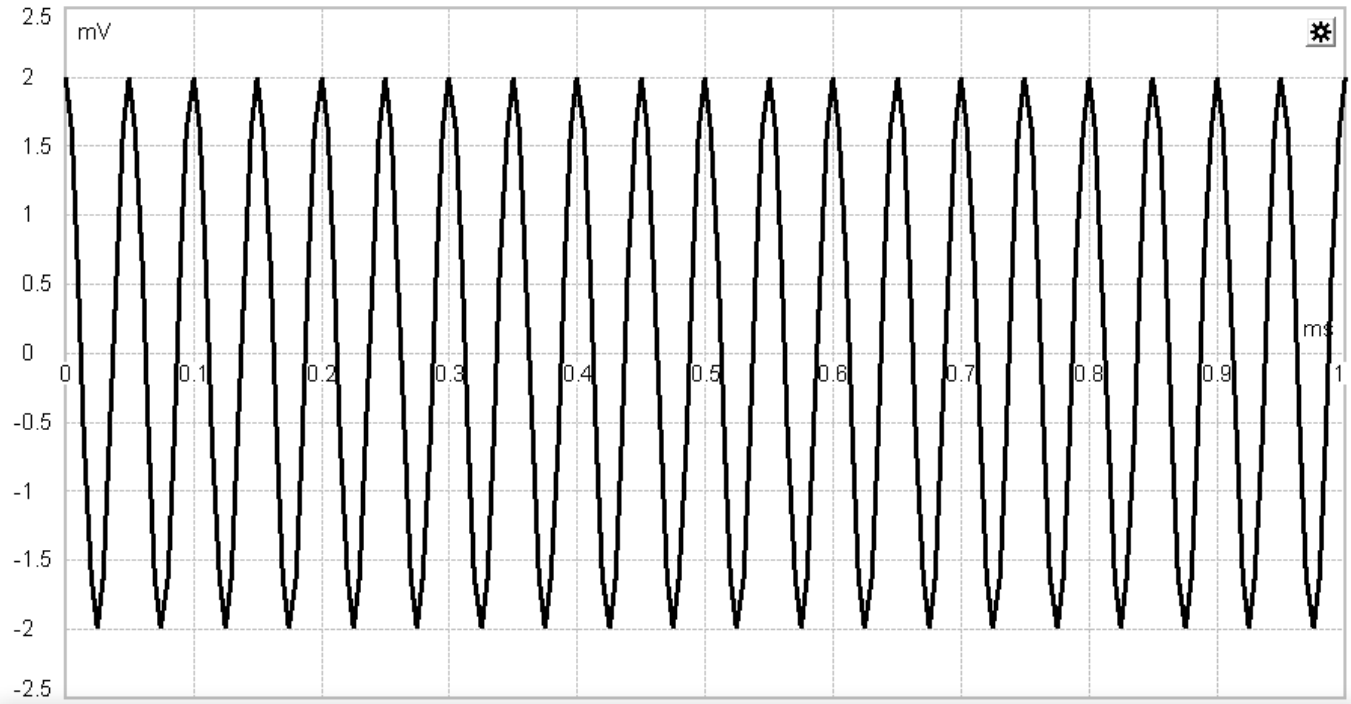


Case 4: Amplitude: 2 mV || Frequency: 20 kHz

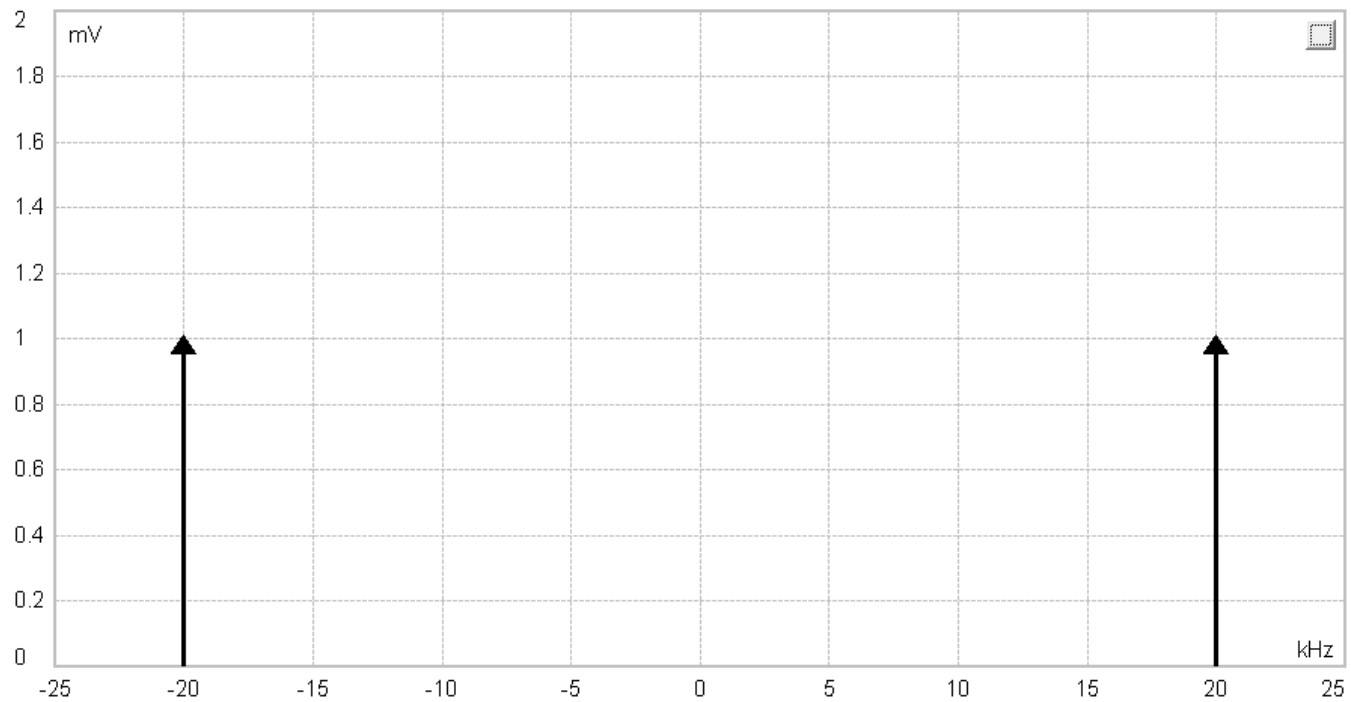
Signal Generator - Properties

Amplitude	< [] >	2.0	mV
Frequency	< [] >	20.0	kHz
Output	On		
Waveform	Cosine		

x(t) - Oscilloscope



|X(f)| - Spectrum Analyzer



Case 5: Amplitude: 2 mV || Frequency: 15 kHz

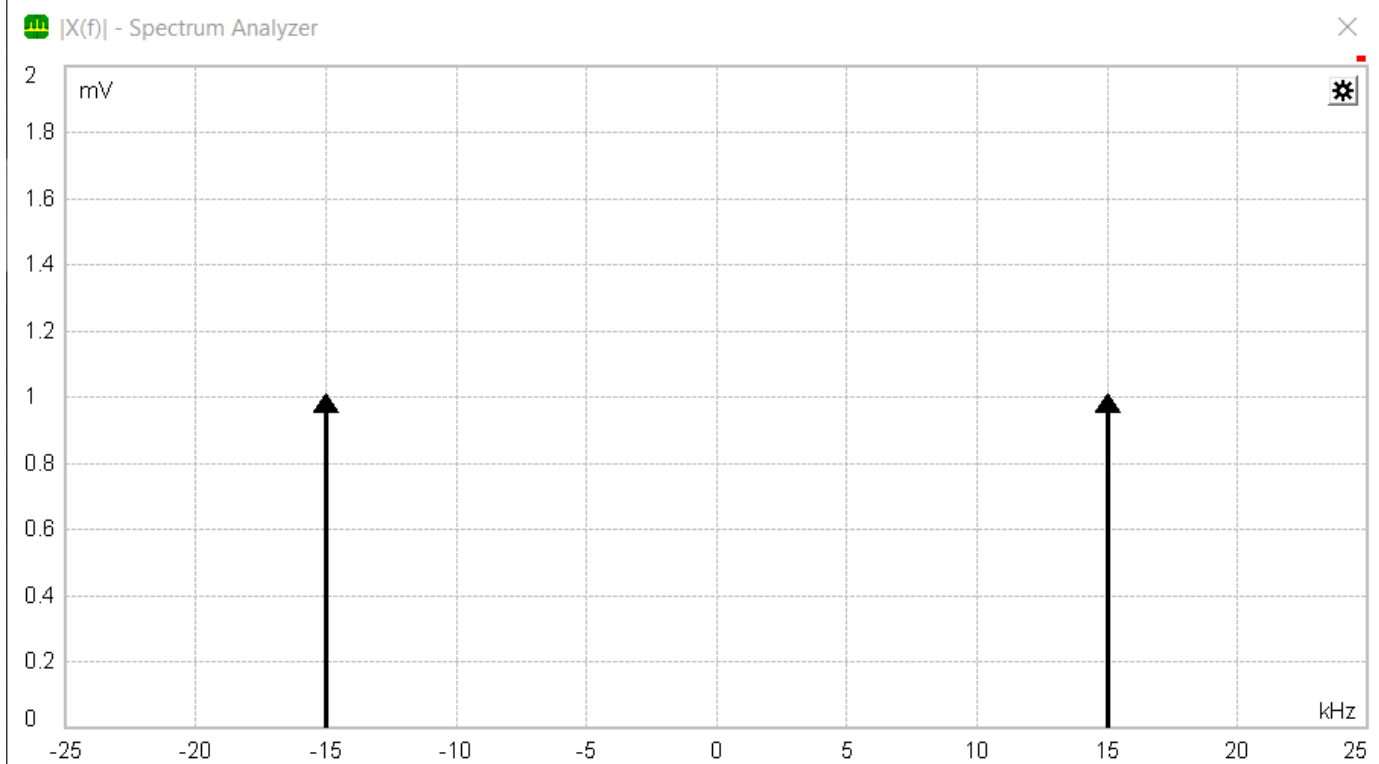
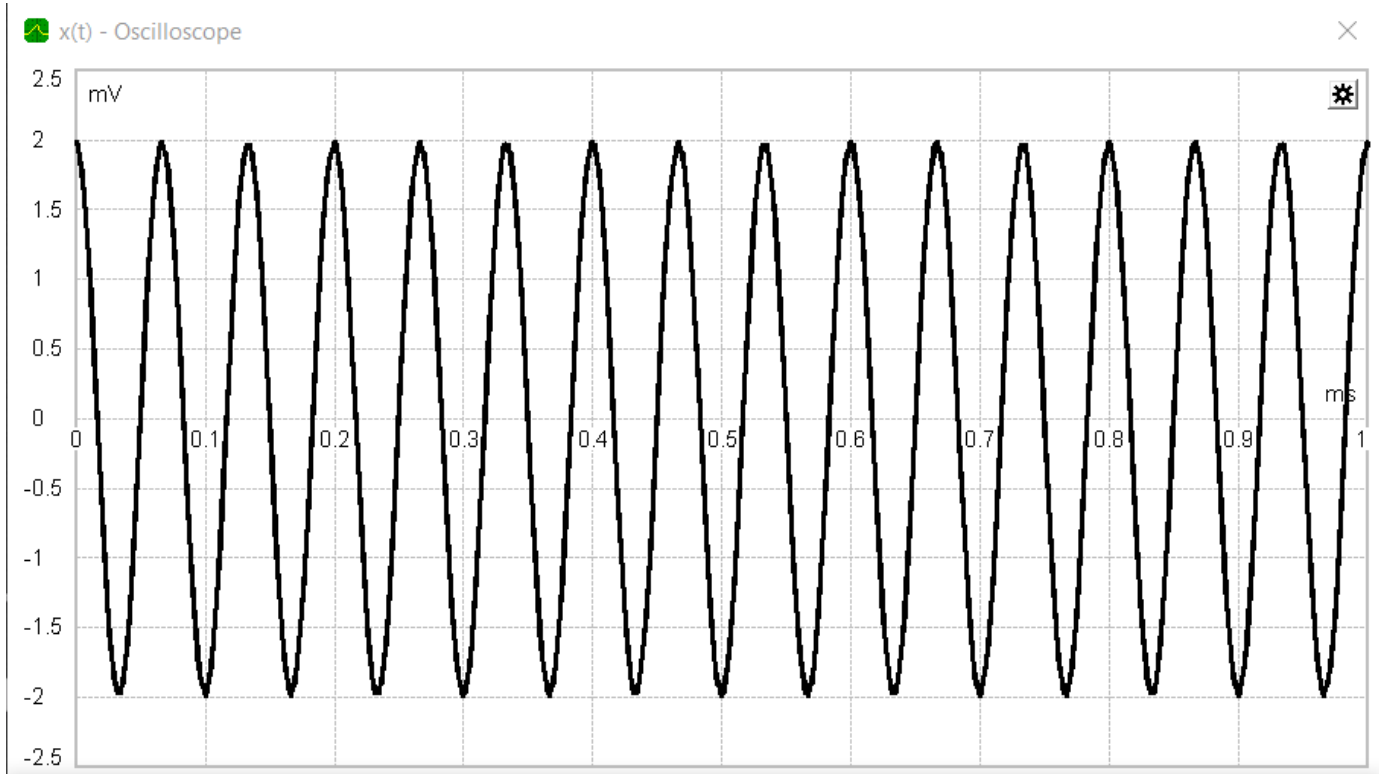
Signal Generator - Properties

Amplitude < [Slider] > 2.0 mV

Frequency < [Slider] > 15.0 kHz

Output On

Waveform Cosine



1.) SQUARE WAVE

Sr. No.	AMPLITUDE (mV)	FREQUENCY (kHz)
1	1	10
2	1	20
3	2	10
4	2	20
5	2	15

Case 1: Amplitude: 1 mV || Frequency: 10 kHz

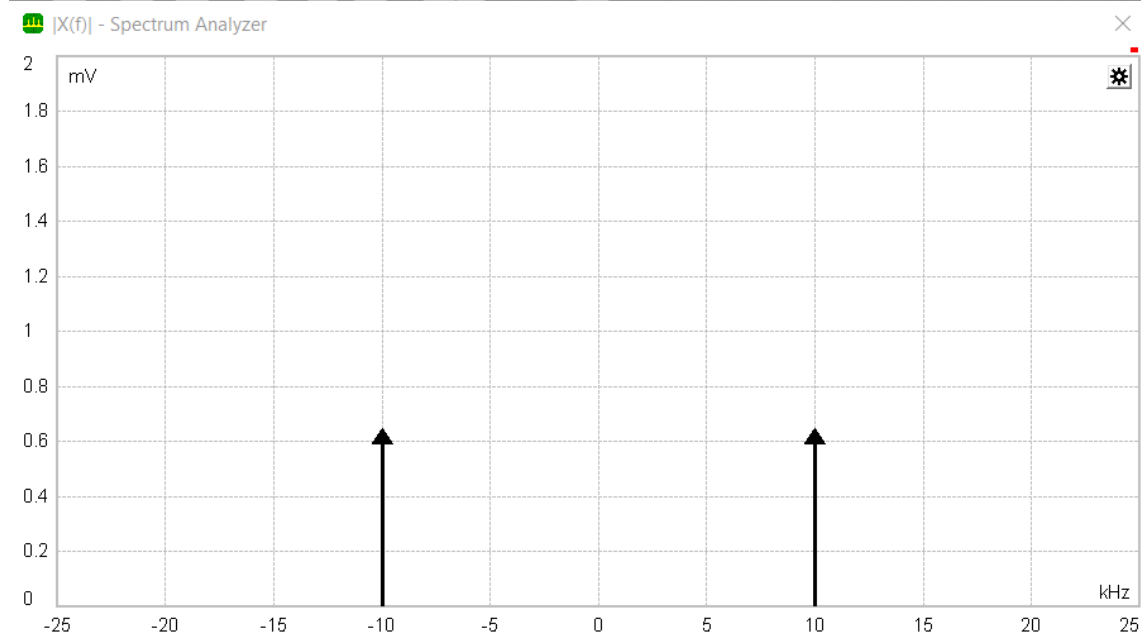
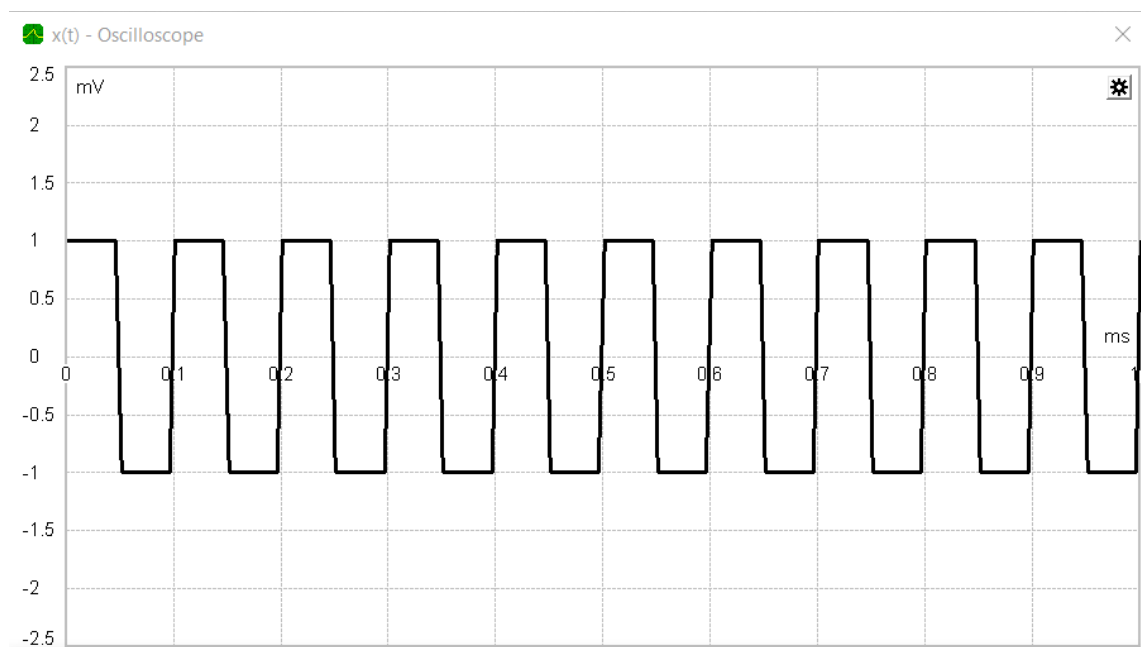
Signal Generator - Properties ×

Amplitude < > 1.0 mV

Frequency < > 10.0 kHz

Output

Waveform



Case 2: Amplitude: 1 mV || Frequency: 20 kHz

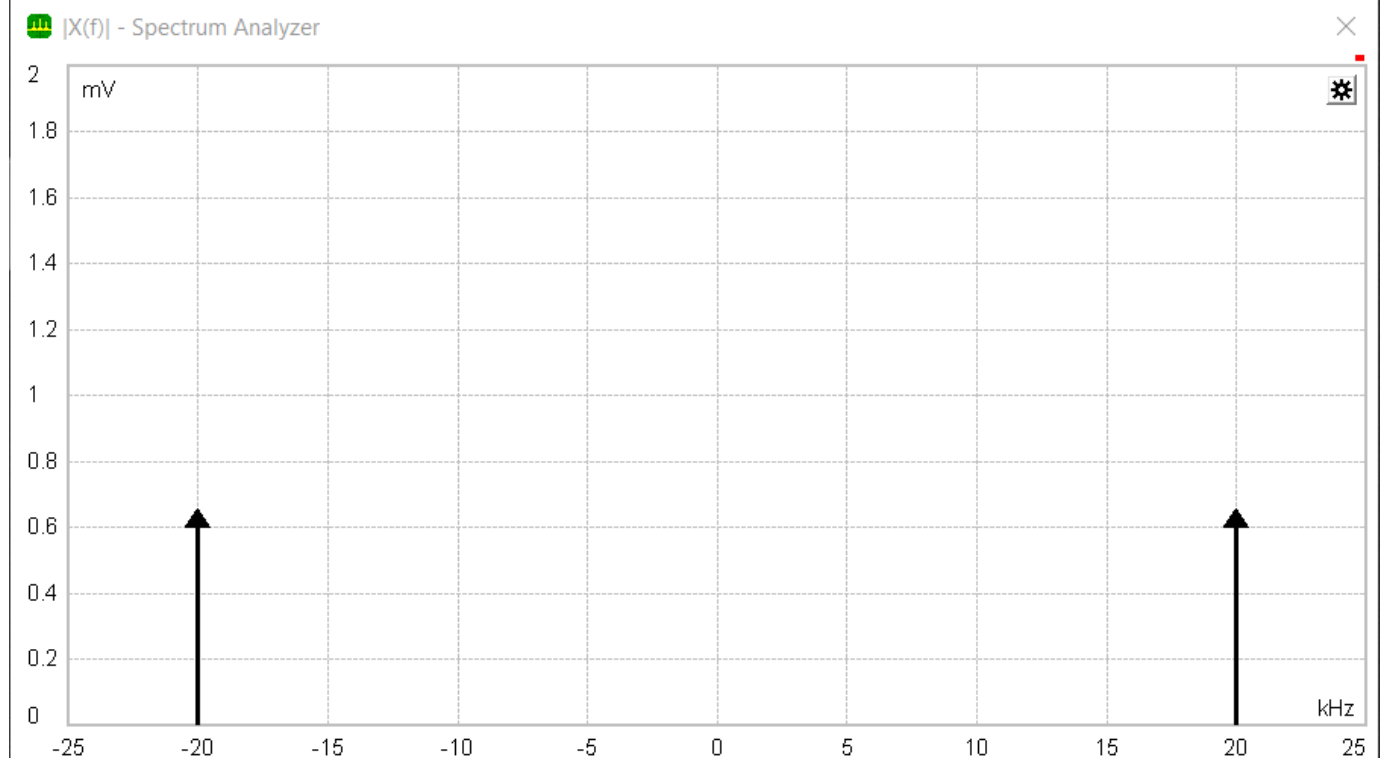
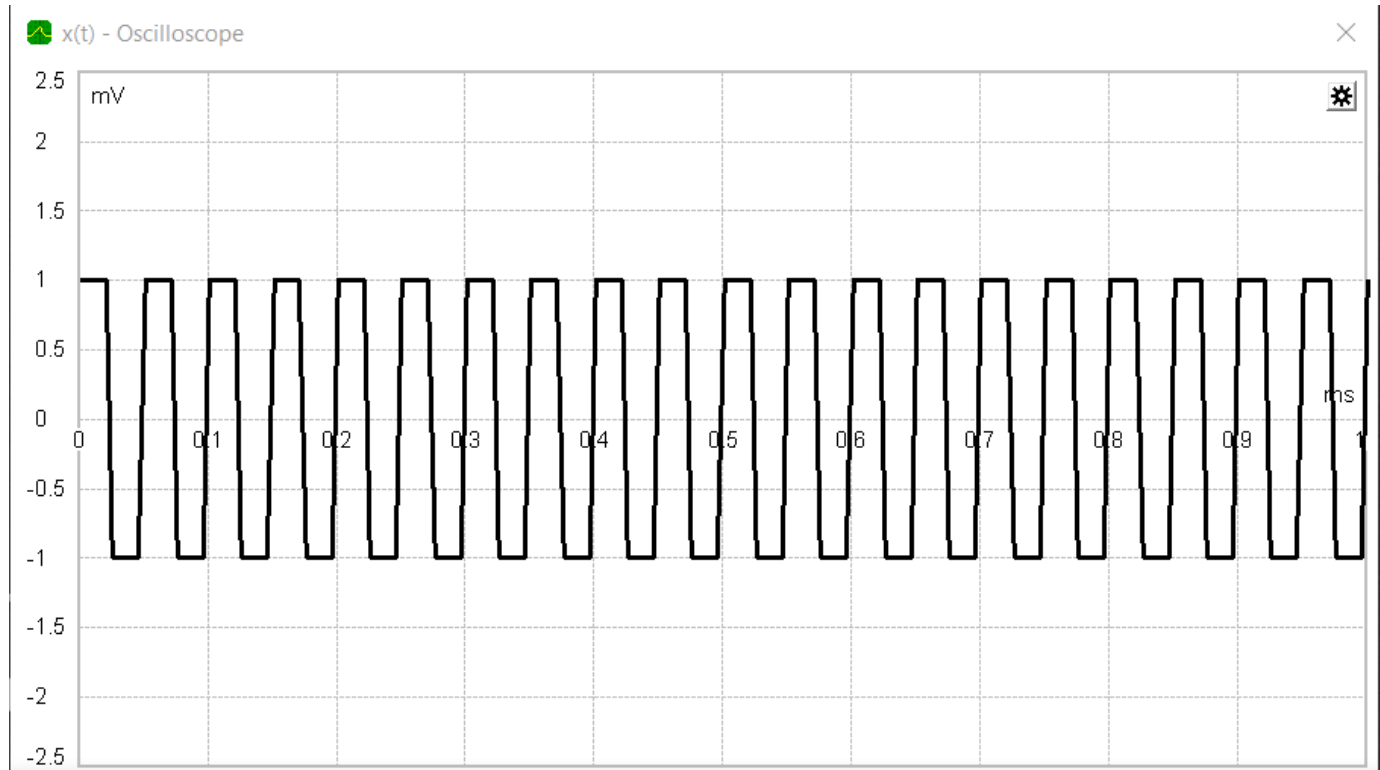
Signal Generator - Properties

Amplitude < [] > 1.0 mV

Frequency < [] > 20.0 kHz

Output On

Waveform Square



Case 3: Amplitude: 2 mV || Frequency: 10 kHz

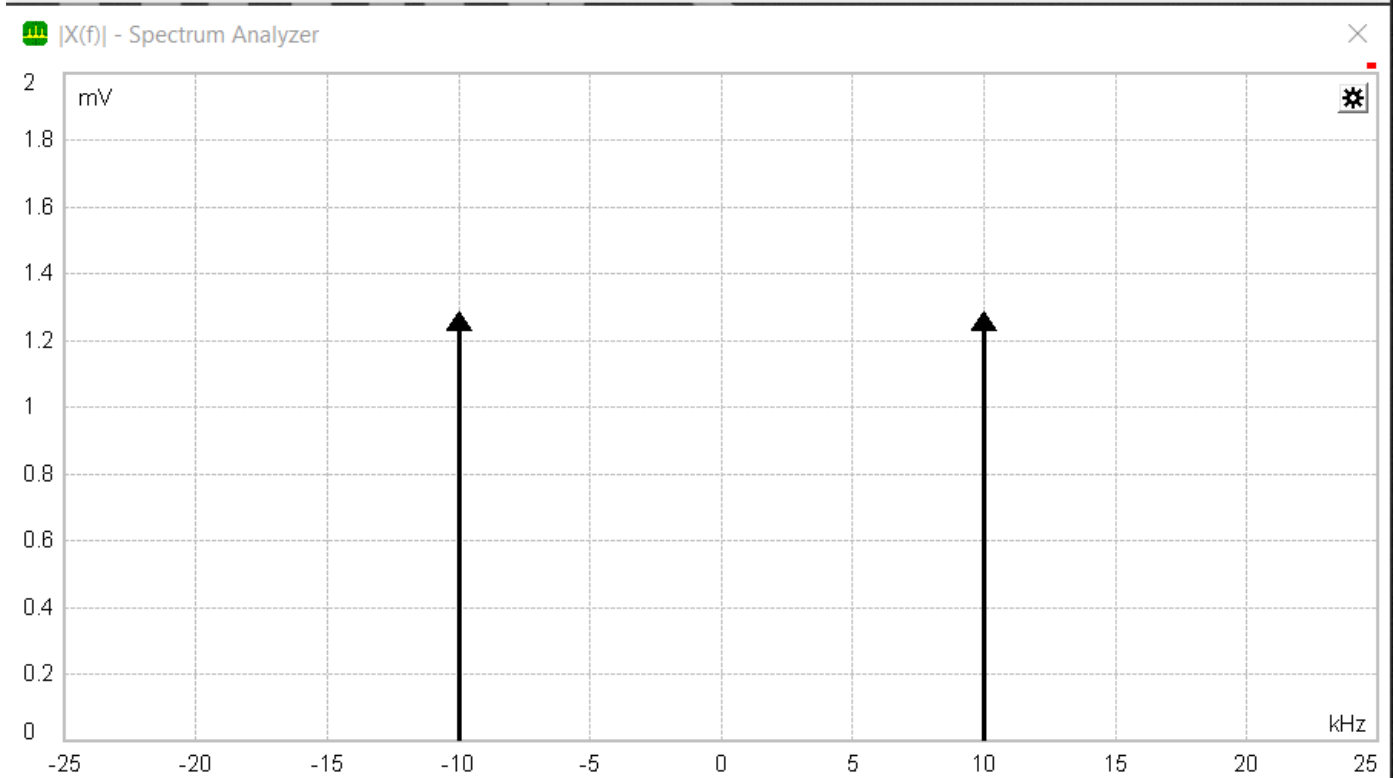
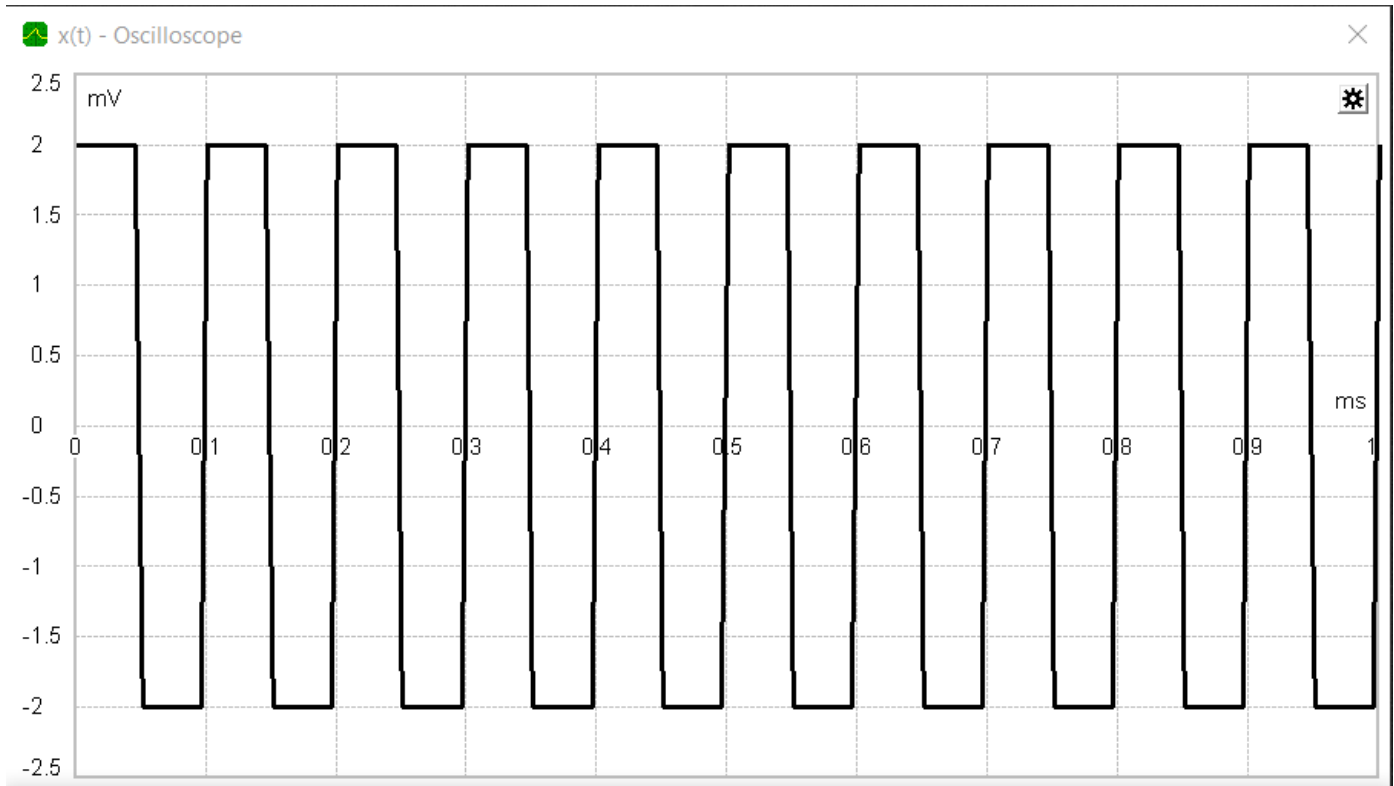
Signal Generator - Properties

Amplitude < 2.0 mV

Frequency < 10.0 kHz

Output On

Waveform Square



Case 4: Amplitude: 2 mV || Frequency: 20 kHz

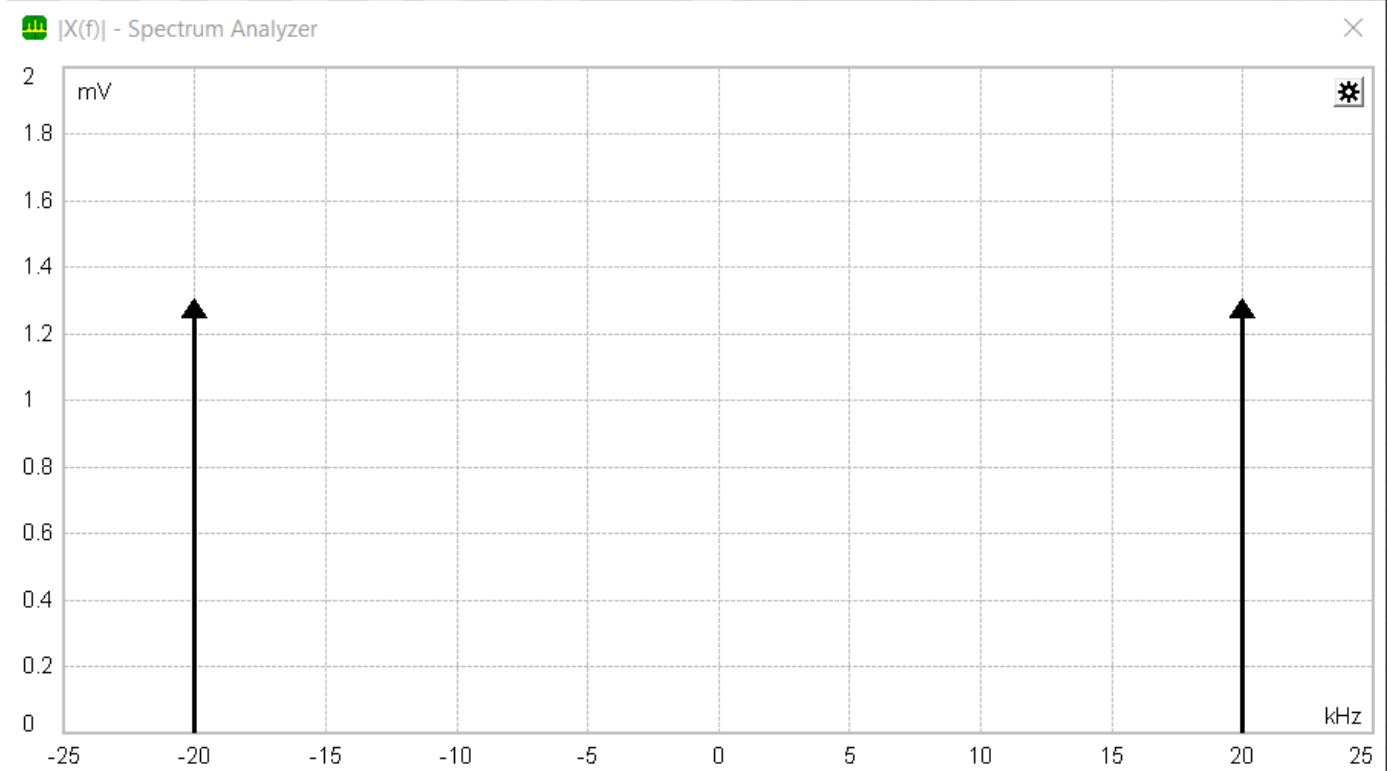
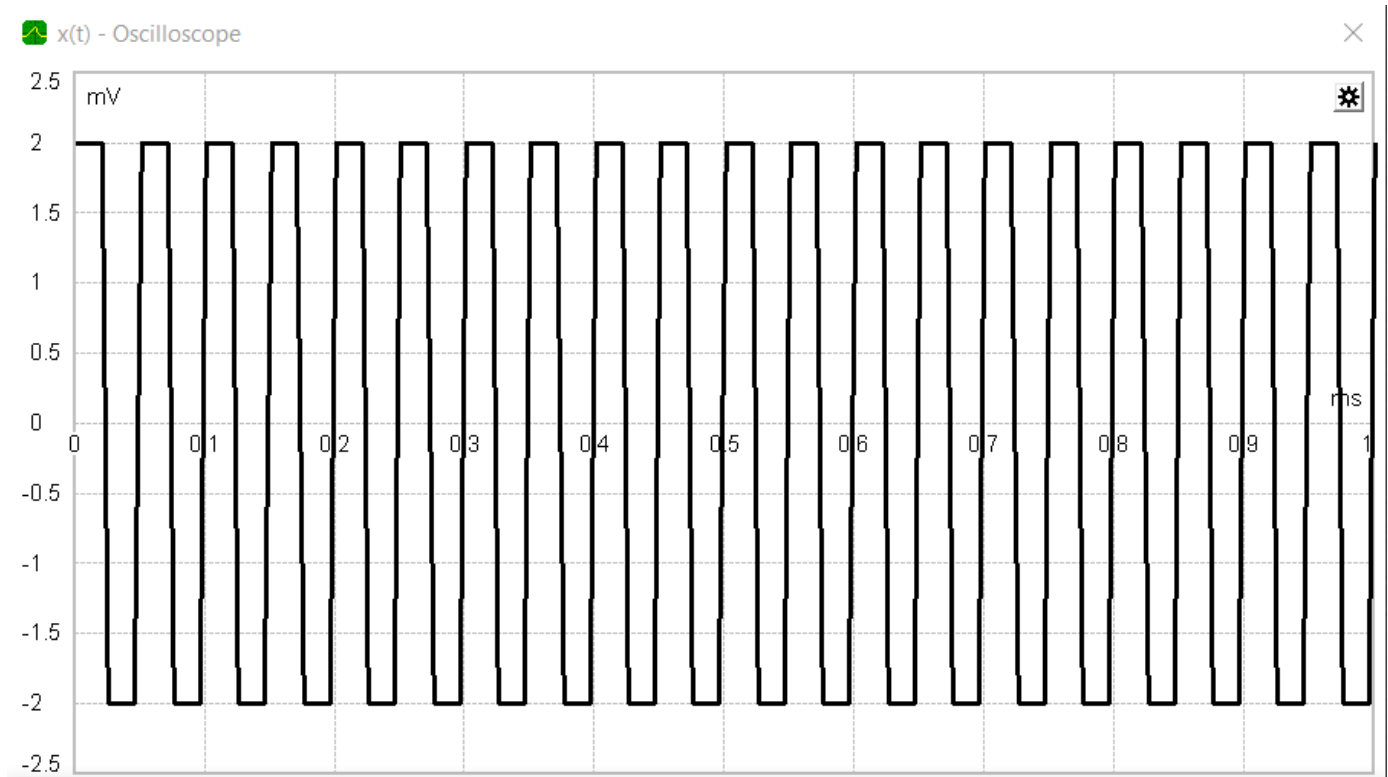
Signal Generator - Properties ✕

Amplitude < mV

Frequency < kHz

Output

Waveform

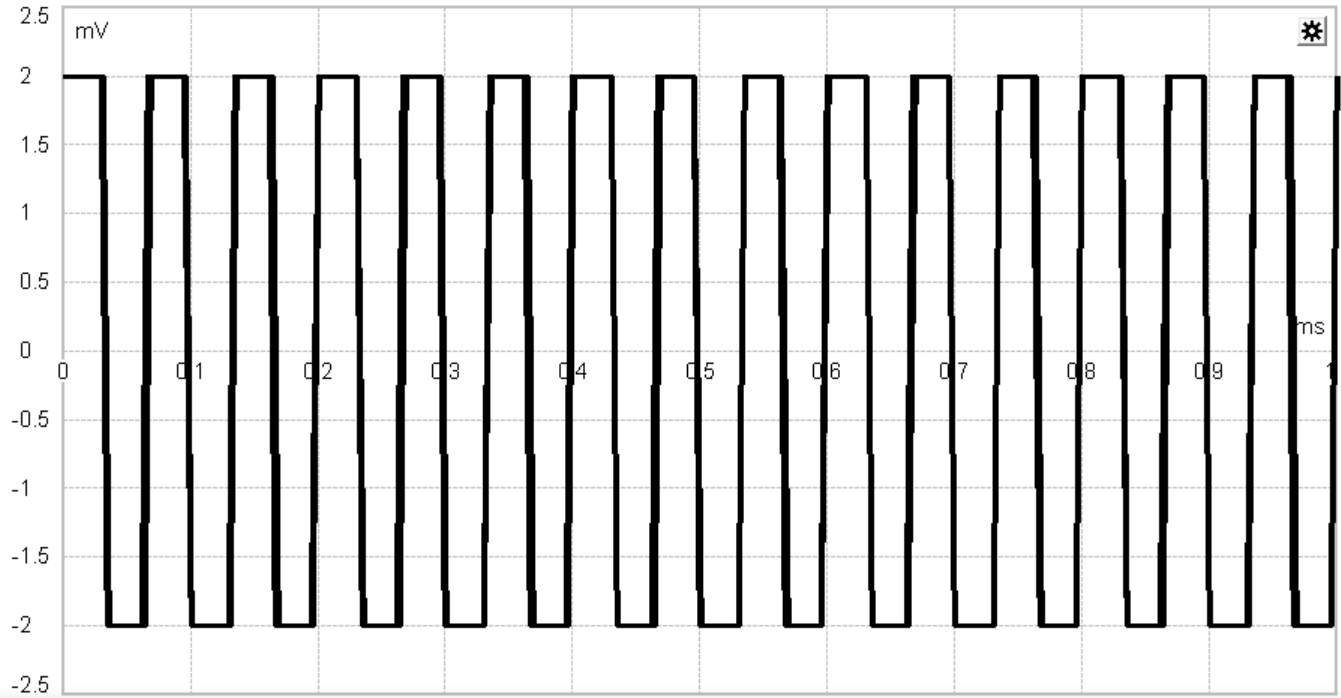


Case 5: Amplitude: 2 mV || Frequency: 15 kHz

Signal Generator - Properties

Amplitude	<		>	2.0	mV
Frequency	<		>	15.0	kHz
Output	On				
Waveform	Square				

x(t) - Oscilloscope



|X(f)| - Spectrum Analyzer

