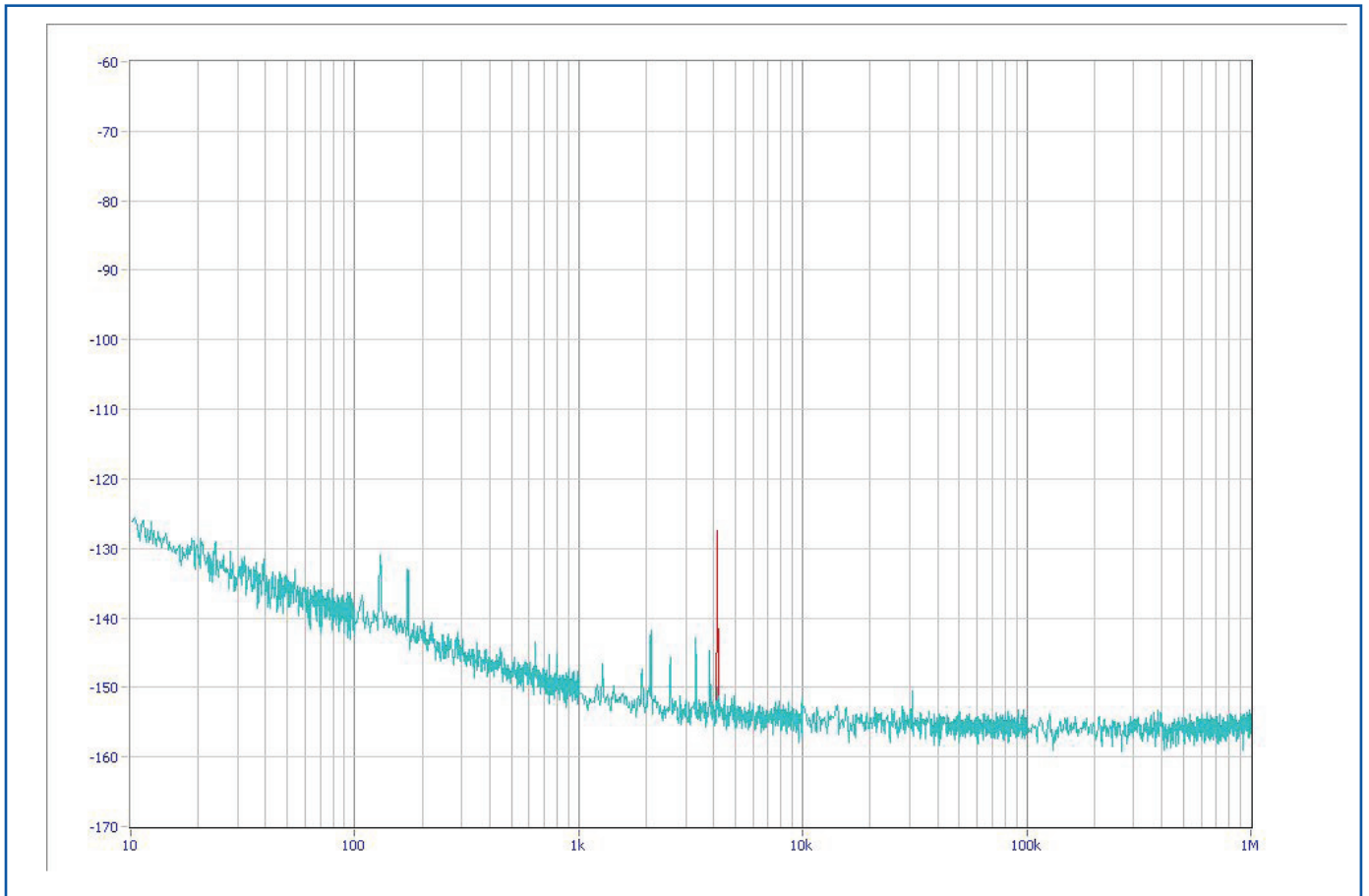


Oven Controlled Crystal Oscillator: AOCJY Carrier Phase Noise

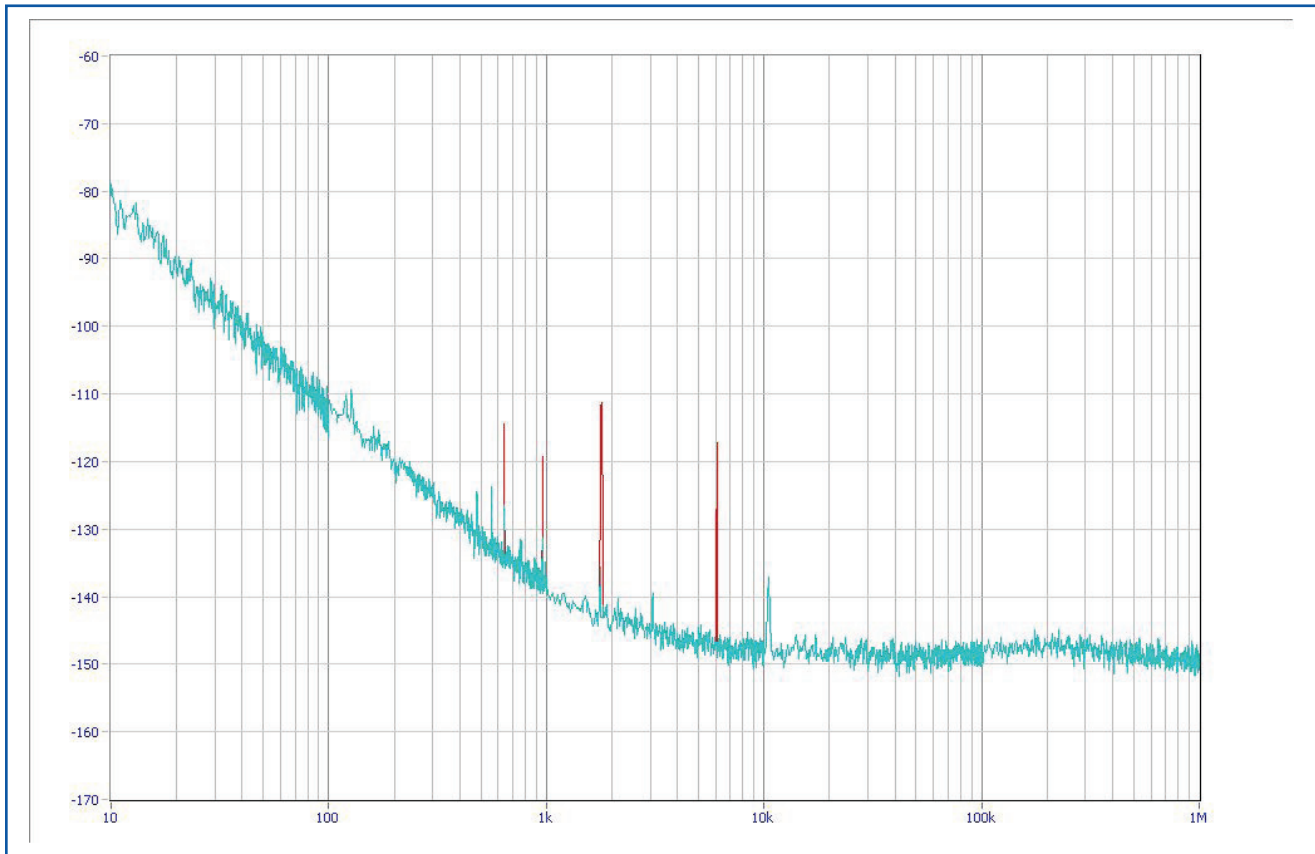


Carrier Frequency = 10MHz

Typical Phase Noise:

@ 10Hz offset from the carrier	=	-125 dBc/Hz
@ 100Hz offset from the carrier	=	-140 dBc/Hz
@ 1,000Hz offset from the carrier	=	-150 dBc/Hz
@ 10,000Hz offset from the carrier	=	-155dBc/Hz
@ 100,000Hz offset from the carrier	=	-155 dBc/Hz
@ 1,000,000Hz offset from the carrier	=	-155 dBc/Hz

Oven Controlled Crystal Oscillator: AOCJY Carrier Phase Noise



Carrier Frequency = 100MHz

Typical Phase Noise:

@ 10Hz offset from the carrier	=	-80 dBc/Hz
@ 100Hz offset from the carrier	=	-112 dBc/Hz
@ 1,000Hz offset from the carrier	=	-140 dBc/Hz
@ 10,000Hz offset from the carrier	=	-148 dBc/Hz
@ 100,000Hz offset from the carrier	=	-148 dBc/Hz
@ 1,000,000Hz offset from the carrier	=	-150 dBc/Hz

ATTENTION: Abracon Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon's products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracon Corporation is required. Please contact Abracon Corporation for more information.

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