LMRK60LX-490-15

Example Test Data

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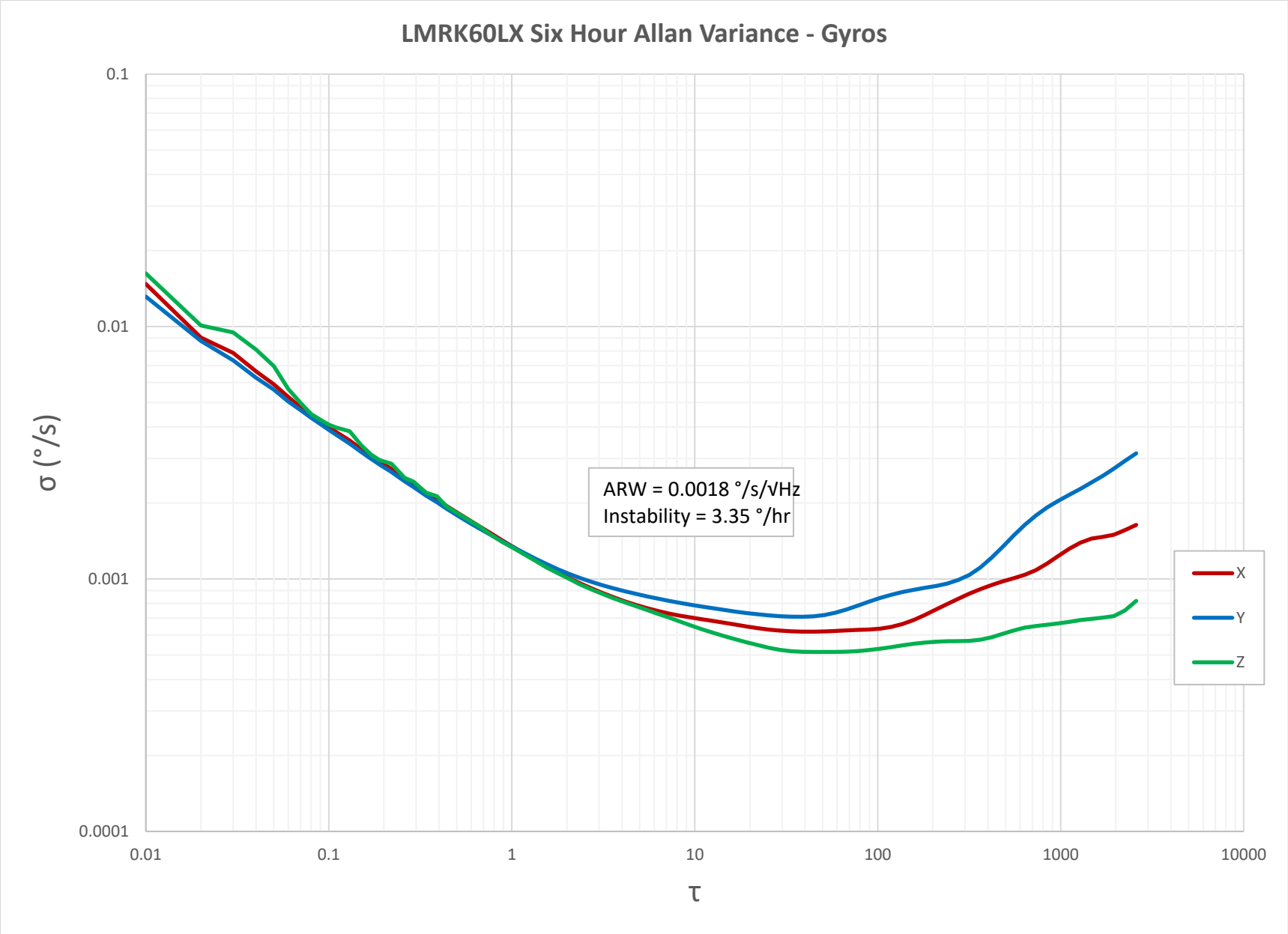
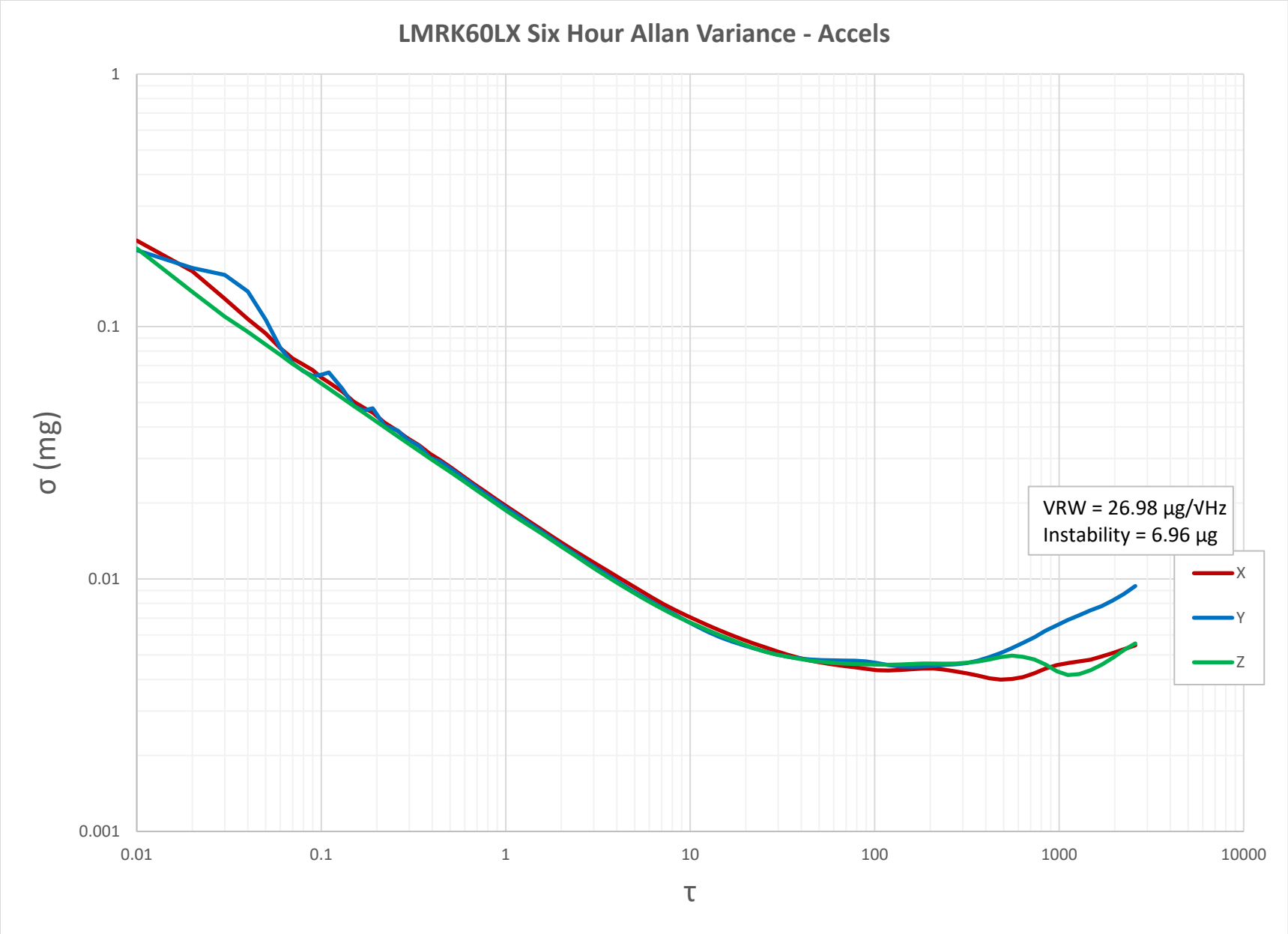
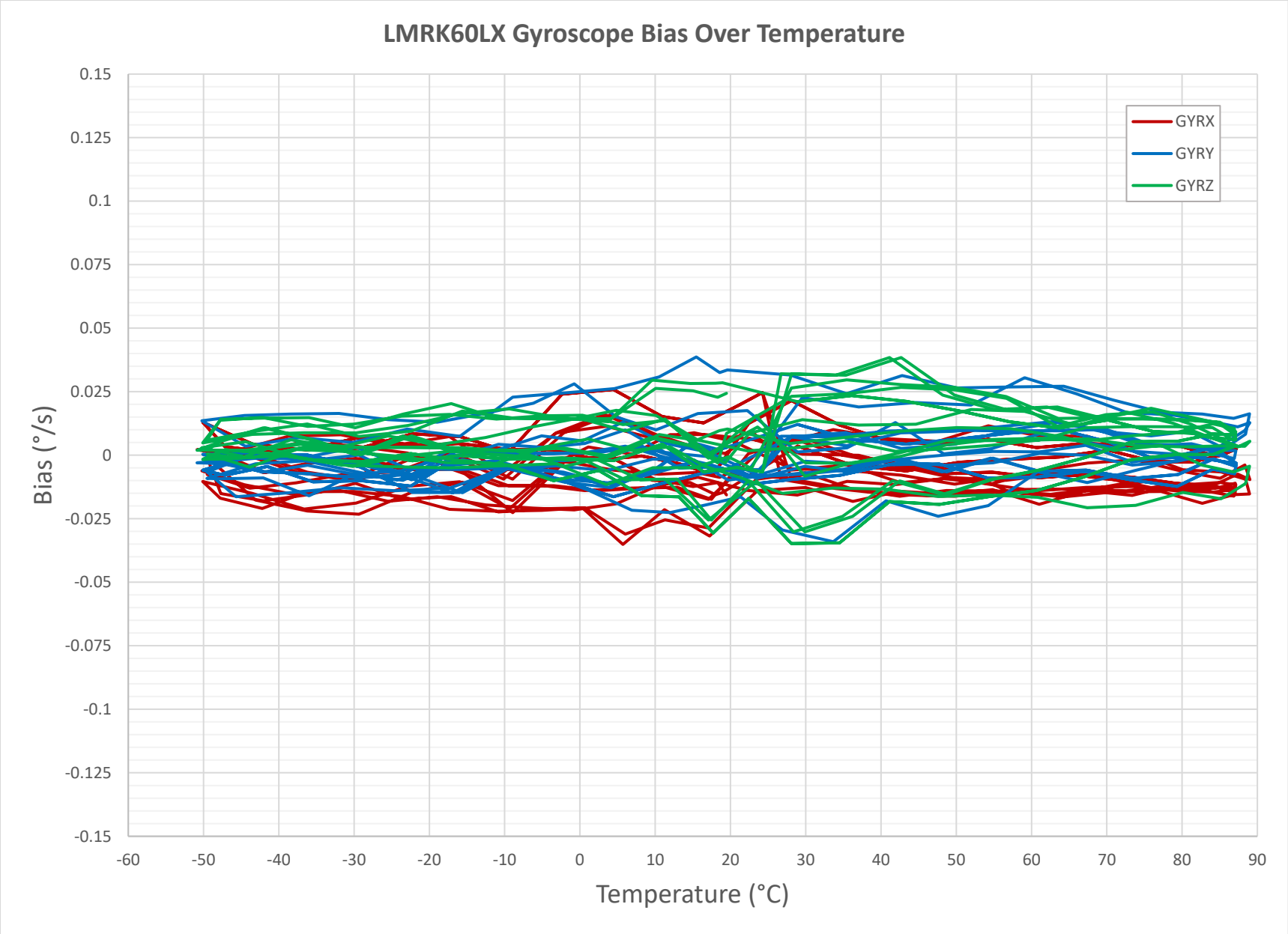

LMRK60LX Six Hour Allan Variance - Gyros
0.1
0.01
0.001
0.0001
σ (°/s)
0.01
0.1
1
10
100
1000
10000
τ
ARW = 0.0018 °/s/√Hz
Instability = 3.35 °/hr
X
Y
Z


LMRK60LX Six Hour Allan Variance - Accels
σ (mg)
1
0.1
0.01
0.001
0.01
0.1
1
10
100
1000
10000
τ
VRW = 26.98 µg/√Hz
Instability = 6.96 µg
X
Y
Z



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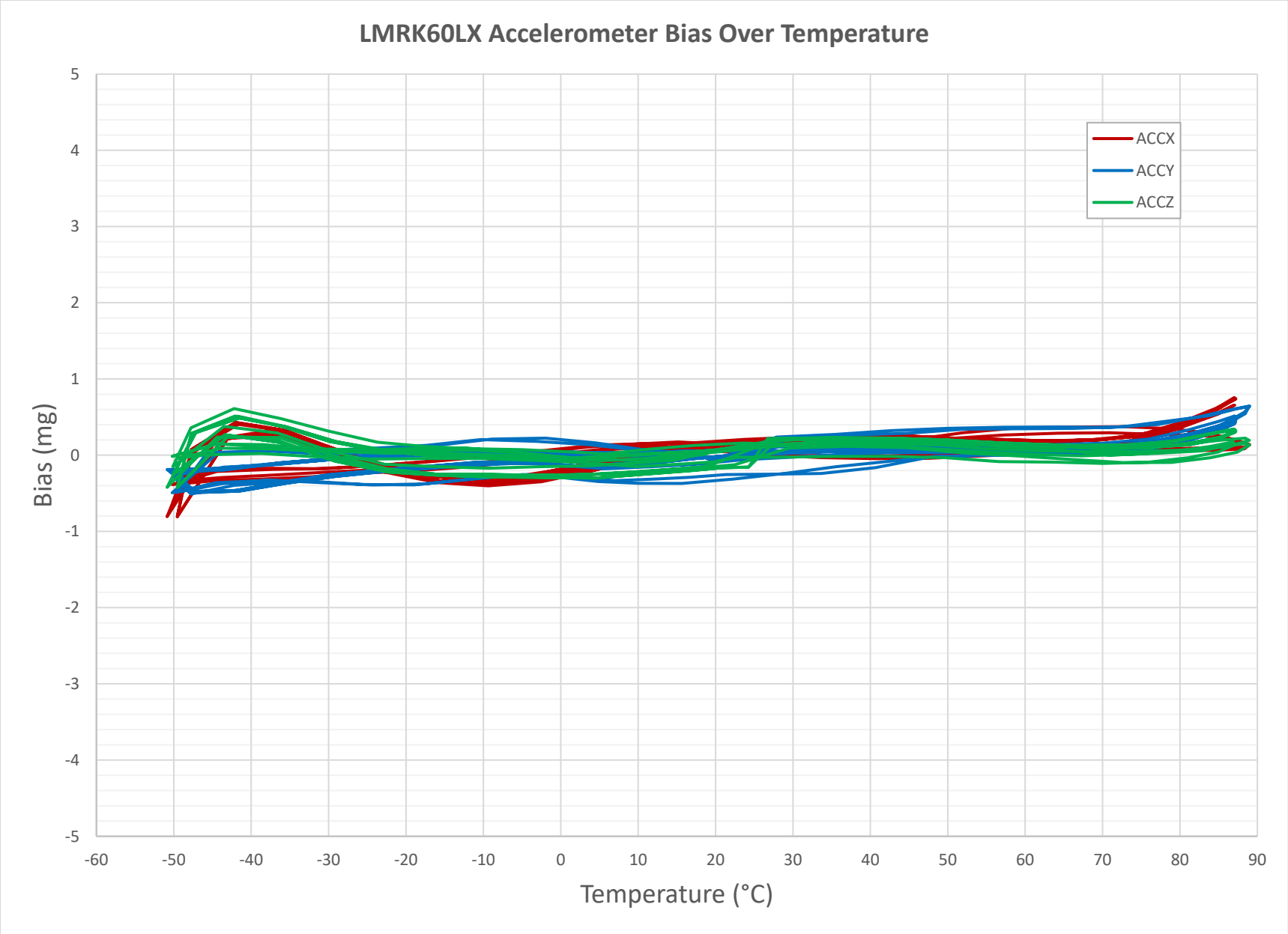

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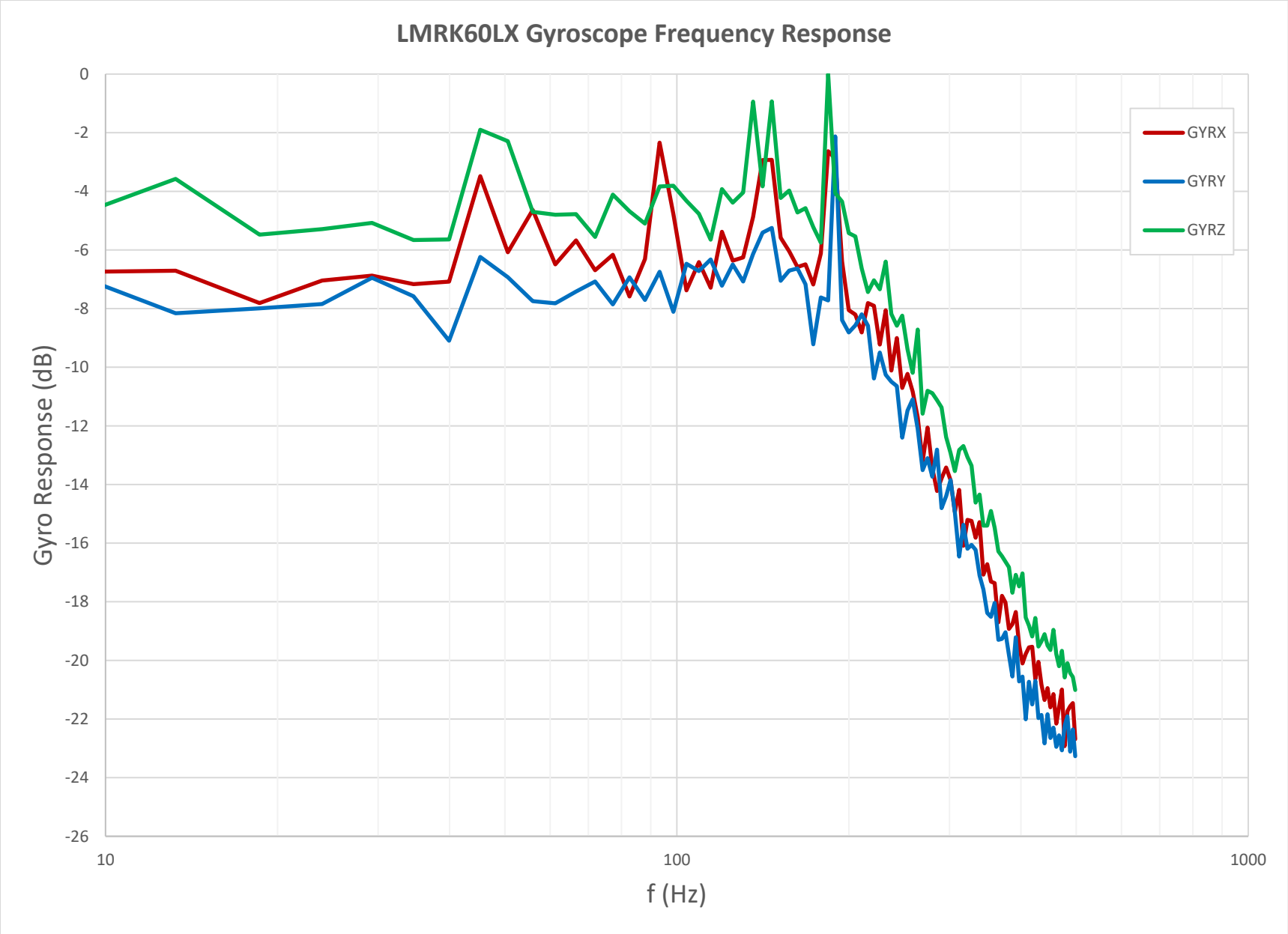
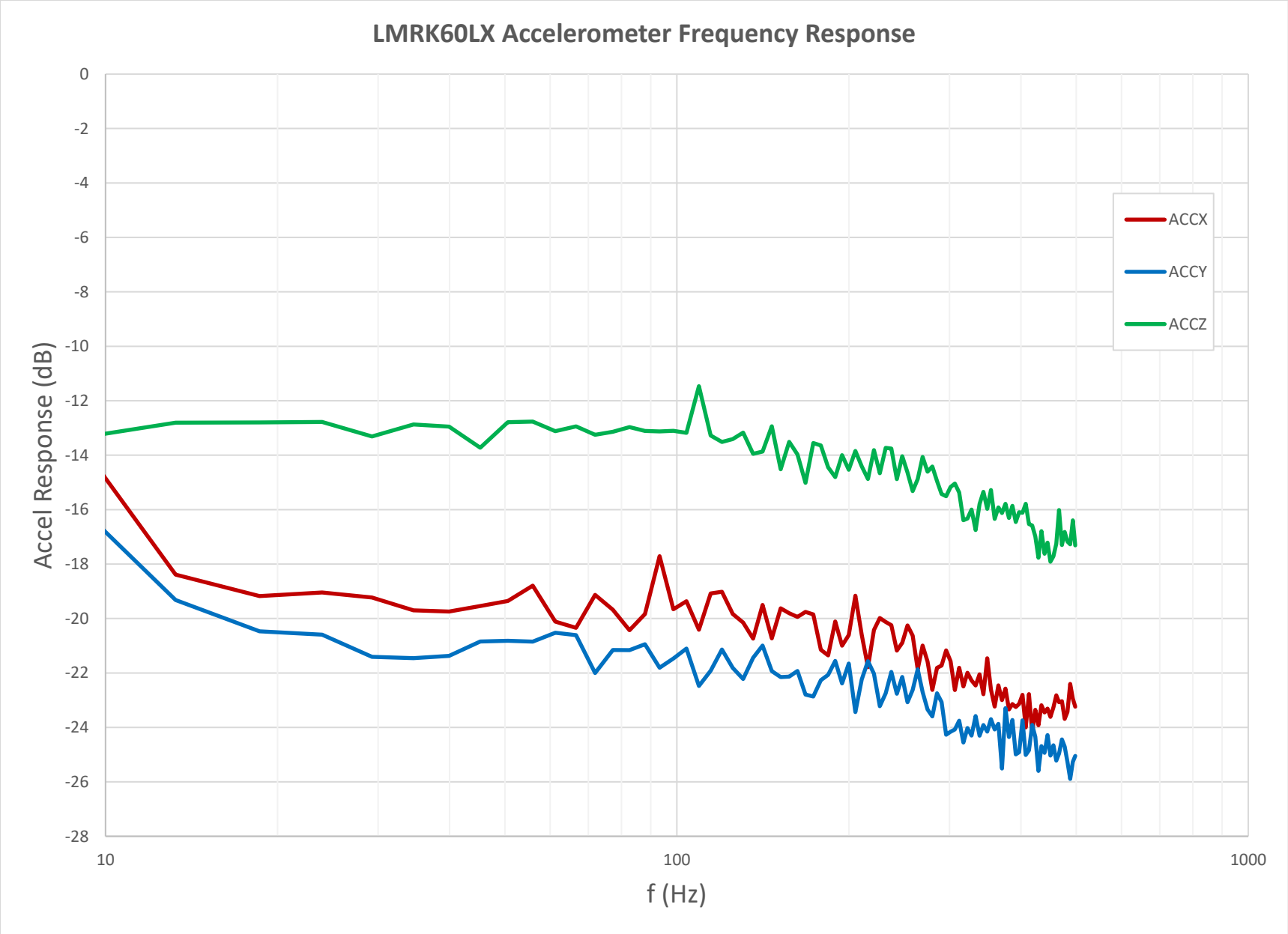

LMRK60LX Gyroscope Frequency Response
Gyro Response (dB)
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
-22
-24
-26
10
100
1000
f (Hz)
GYRX
GYRY
GYRZ


LMRK60LX Accelerometer Frequency Response
Accel Response (dB)
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
-22
-24
-26
-28
10
100
1000
f (Hz)
ACCX
ACCY
ACCZ