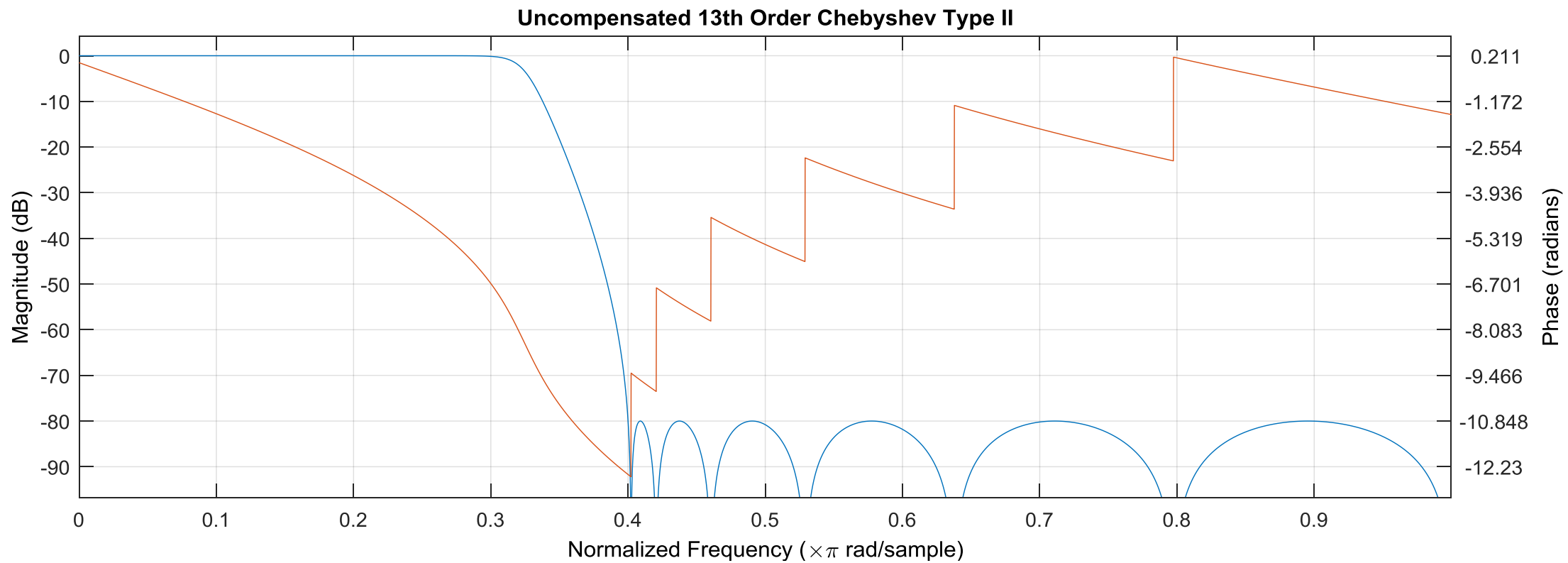


Compare Allpass Delay Equalization Filters

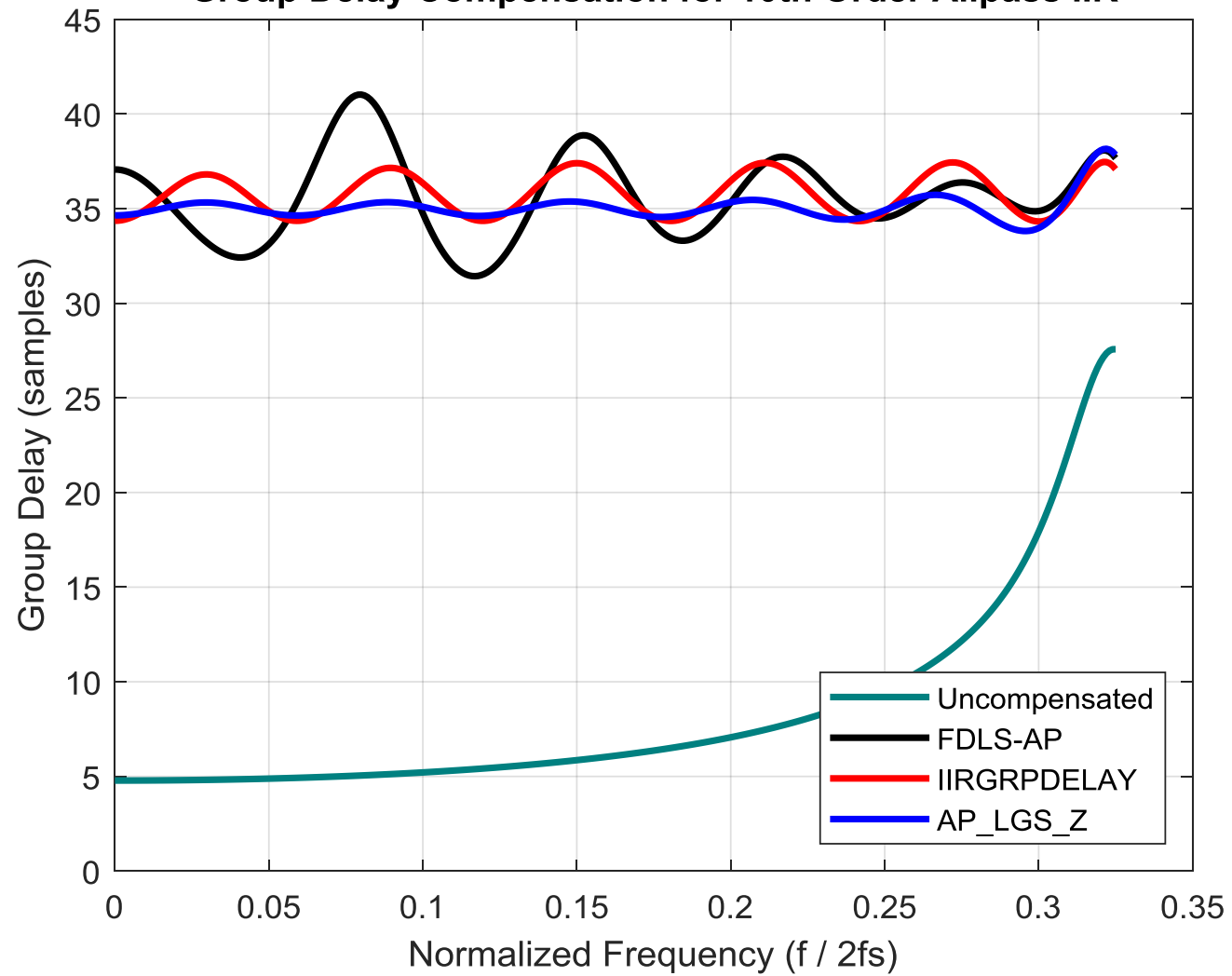
6-Oct-2019

- FDLS-AP 1.02 (G. Berchin)
- IIRGRPDELAY (Matlab Filter Design Toolbox)
- AP_LGS_Z (Markus Lang)

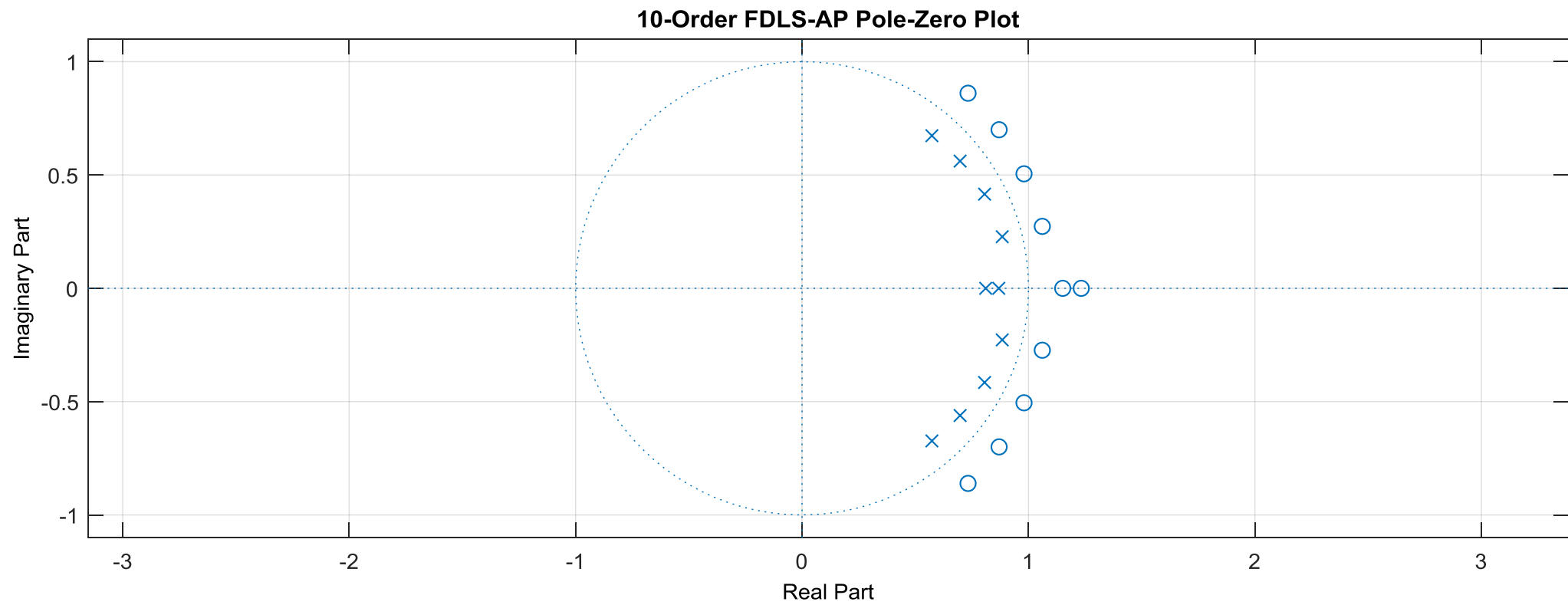


`cheby2(13, 80, 0.4)`

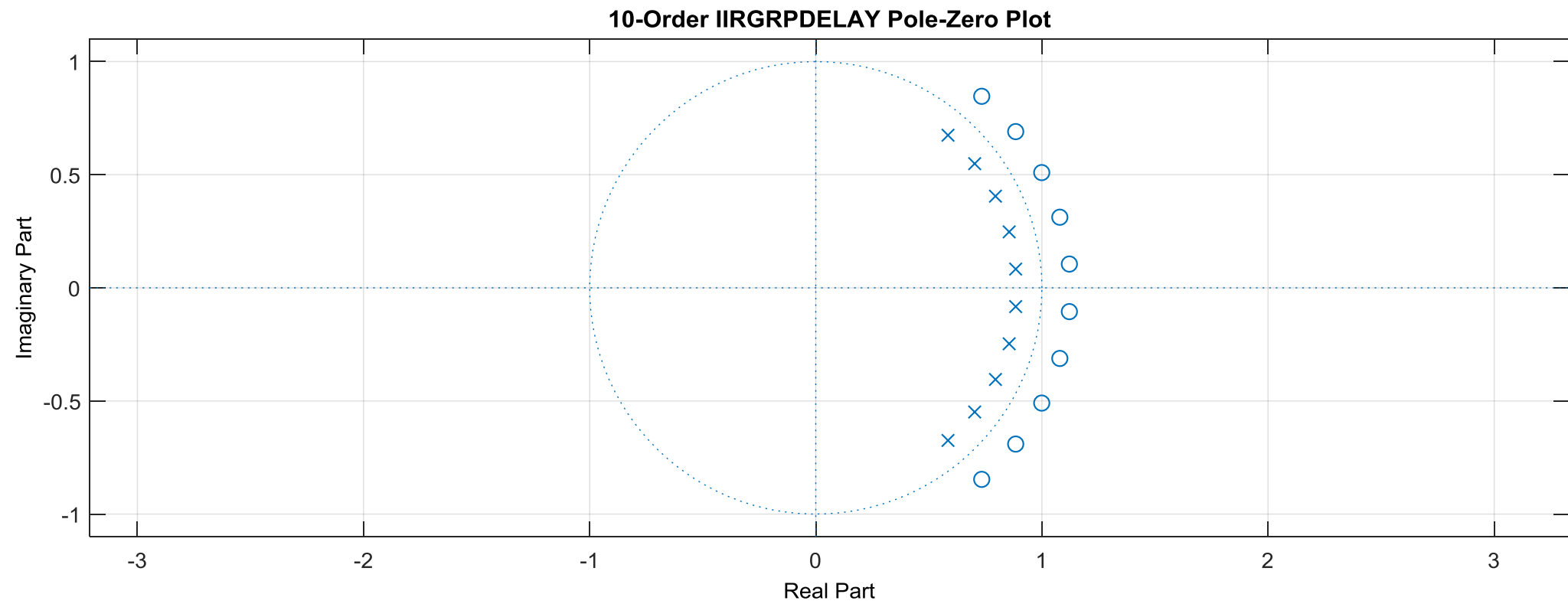
Group Delay Compensation for 10th Order Allpass IIR



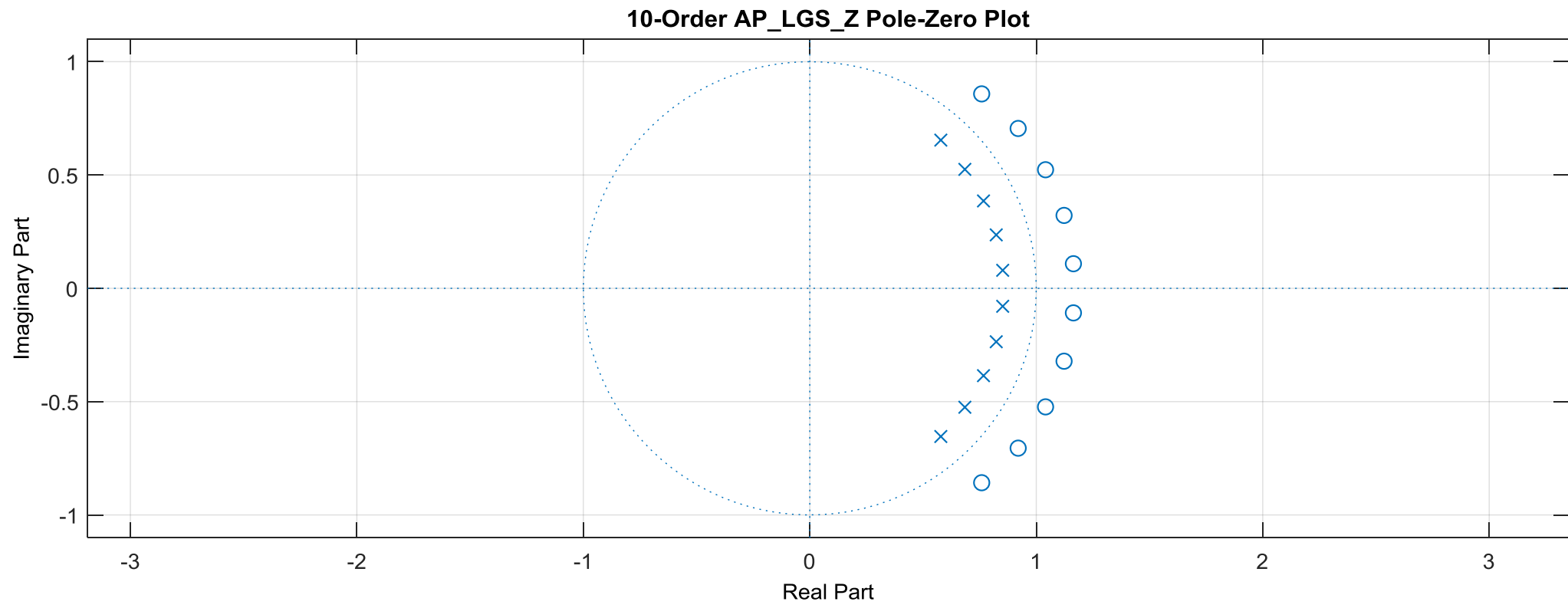
eq. bw: $0.325 \times f_{\text{Nyquist}}$
FDLS-AP tau offset = 8 samples
IIRGRPDELAY Max Pole Radius = 0.99



eq. bw: $0.325 \times f_{\text{Nyquist}}$
FDLS-AP tau offset = 8 samples



eq. bw: $0.325 \times f_{\text{Nyquist}}$
IIRGRPDELAY Max Pole Radius = 0.99



eq. bw: $0.325 \times f_{\text{Nyquist}}$