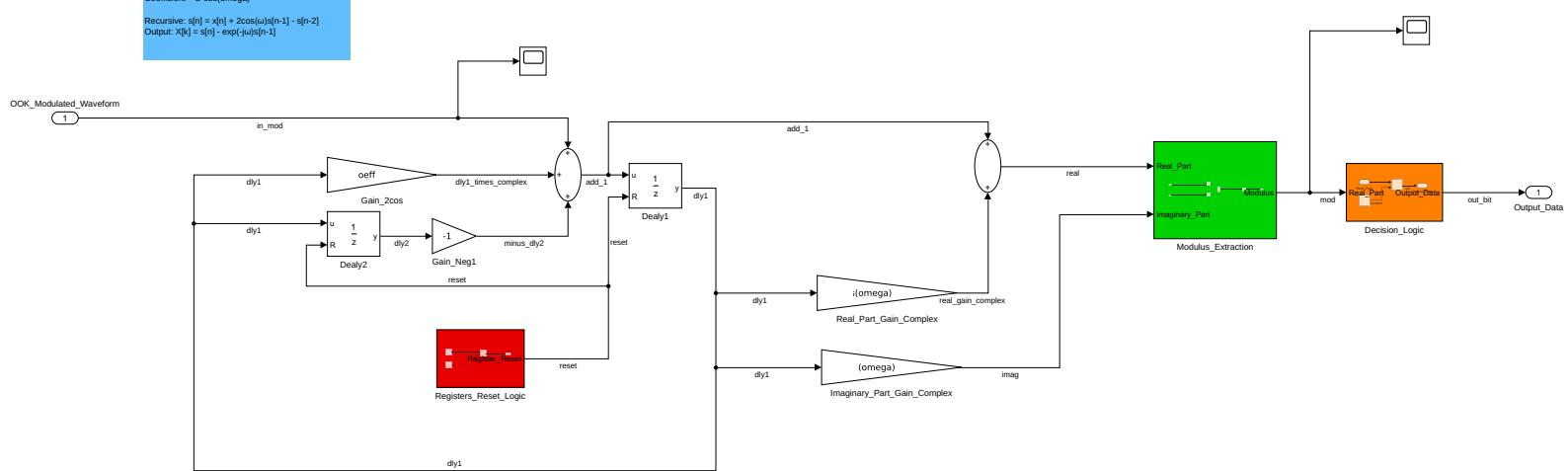
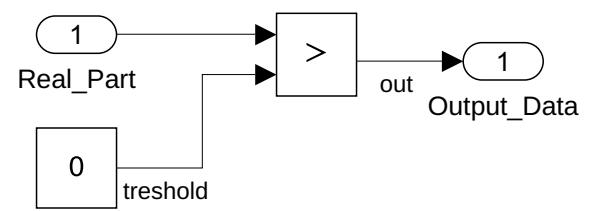
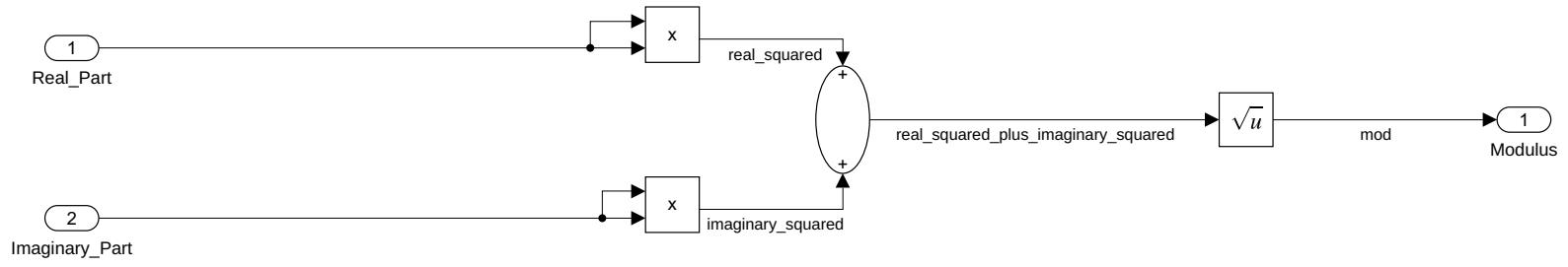


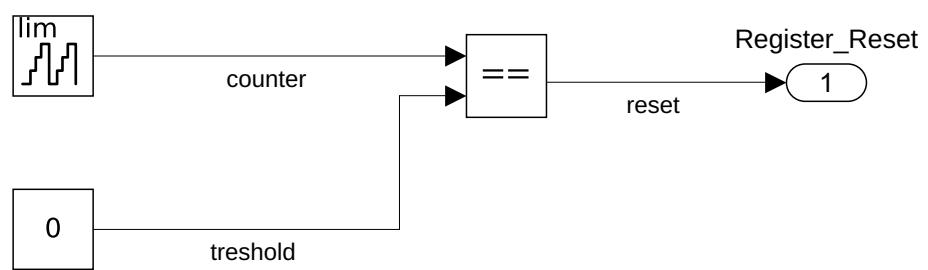
Source Algorithm Parameters:  
 $N$  = block length  
 $k$  = target DFT bin  
 $f_s$  = sample frequency  
 $\omega$  =  $2\pi f_s N$  rad  
Coefficient =  $2\cos(\omega)$

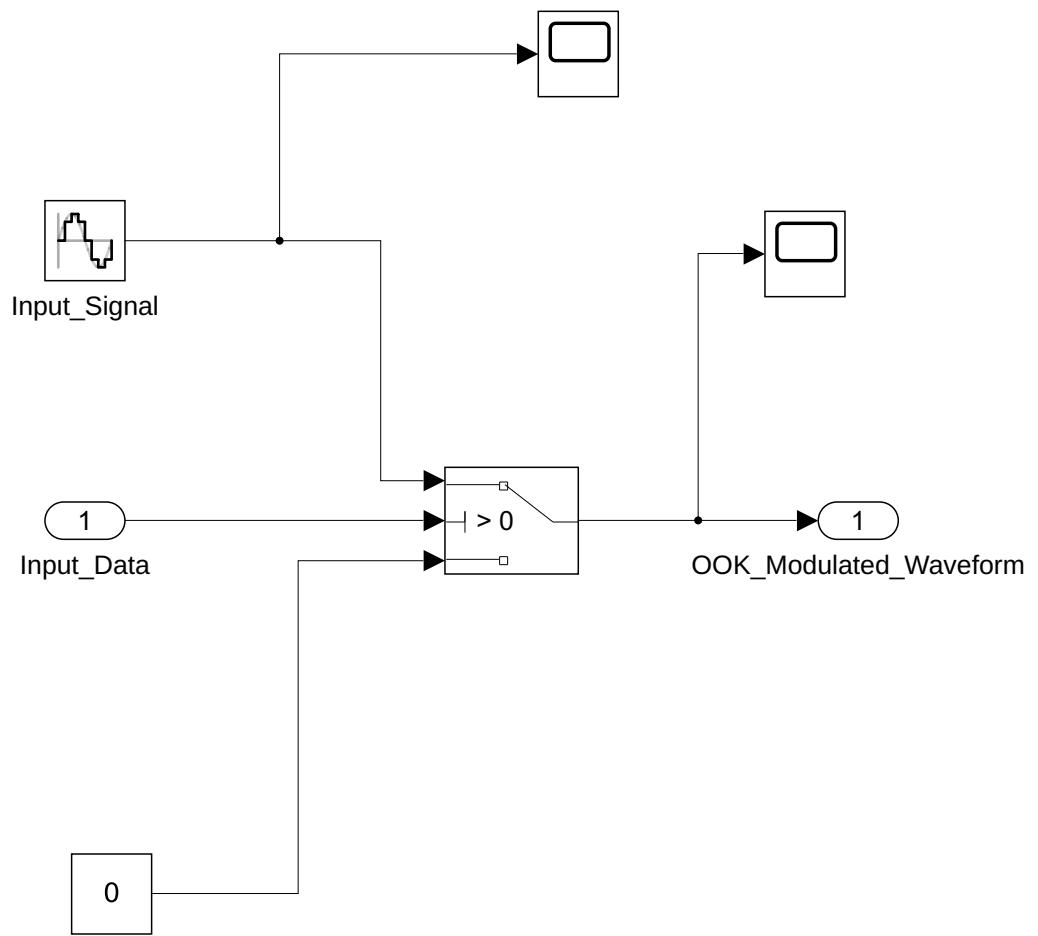
Recursive:  $s[n] = x[n] + 2\cos(\omega)s[n-1] - s[n-2]$   
Output:  $X[k] = s[n] \cdot \exp(j\omega s[n-1])$

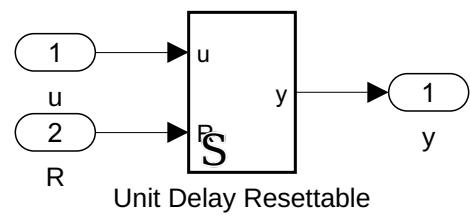


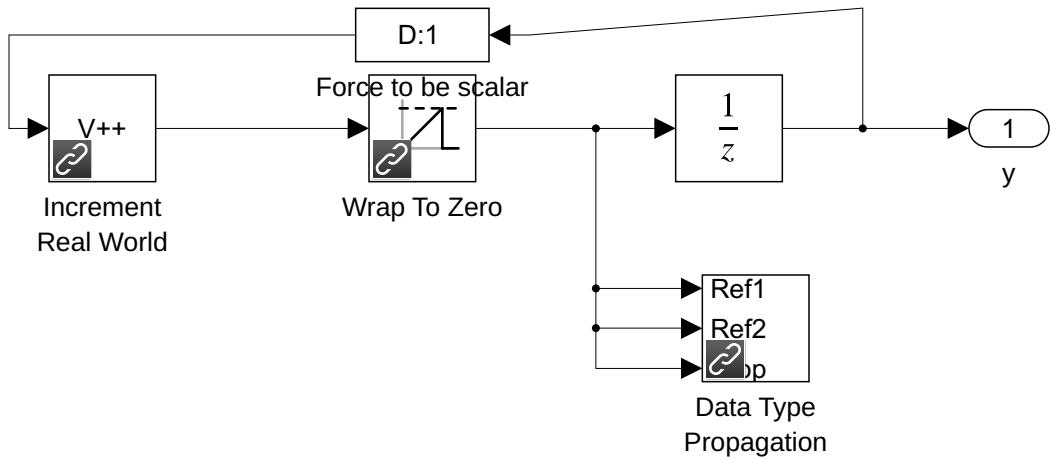












## Sample Times for 'goertzel\_algorithm5'

Color	Annotation	Description	Value
Gray	FIM	Fixed in Minor Step [0,1]	
Red	D1	Discrete 1	1.0000e-06
Green	D2	Discrete 2	1.0000e-03
Blue	D3	Discrete 3	1
Magenta	Inf	Constant	Inf
Yellow	M	Multirate	N/A