

m	cm by hand	frequency	cm *
0	0.5	DC	0.5
1	$0.125 - 0.3018j$	f_0 (fundamental) = $1/(N \cdot T_s) = 12.5\text{KHz}$	$0.1250 - 0.3018i$
2	0	2nd (fundamental) = $2/(N \cdot T_s) = 25\text{KHz}$	0
3	$0.1250 - 0.0518j$	3rd (fundamental) = $3/(N \cdot T_s) = 37.5\text{KHz}$	$0.1250 - 0.0518i$
4	0	4th (fundamental) = $4/(N \cdot T_s) = 50\text{KHz}$	0
5	$0.125 + 0.05178j$	-3rd (fundamental) = $-3/(N \cdot T_s) = -37.5\text{KHz}$	$0.1250 + 0.0518i$
6	0	-2nd (fundamental) = $-2/(N \cdot T_s) = -25\text{KHz}$	0
7	$0.125 + 0.3018j$	$-f_0$ (fundamental) = $-1/(N \cdot T_s) = -12.5\text{KHz}$	$0.1250 + 0.3018i$