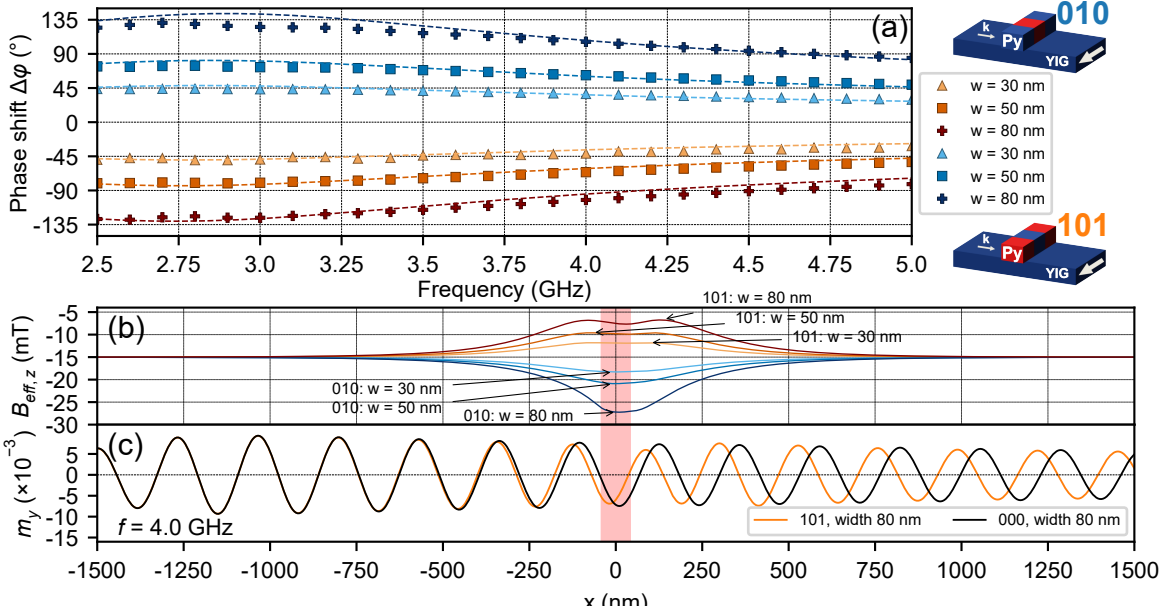

(a)
Phase shift Δφ (°)
135
90
45
0
-45
-90
-135
2.5
2.75
3.0
3.25
3.5
3.75
4.0
4.25
4.5
4.75
5.0
Frequency (GHz)
w = 30 nm
w = 50 nm
w = 80 nm
w = 30 nm
w = 50 nm
w = 80 nm
010
k
Py
YIG
101
k
Py
YIG
(b)
$B_{eff,z}$ (mT)
-5
-10
-15
-20
-25
-30
101: w = 80 nm
101: w = 50 nm
101: w = 30 nm
010: w = 30 nm
010: w = 50 nm
010: w = 80 nm
(c)
m_y ($\times 10^{-3}$)
5
0
-5
-10
-15
f = 4.0 GHz
101, width 80 nm
000, width 80 nm
-1500
-1250
-1000
-750
-500
-250
0
250
500
750
1000
1250
1500
x (nm)