

FIGURES

Figure 1

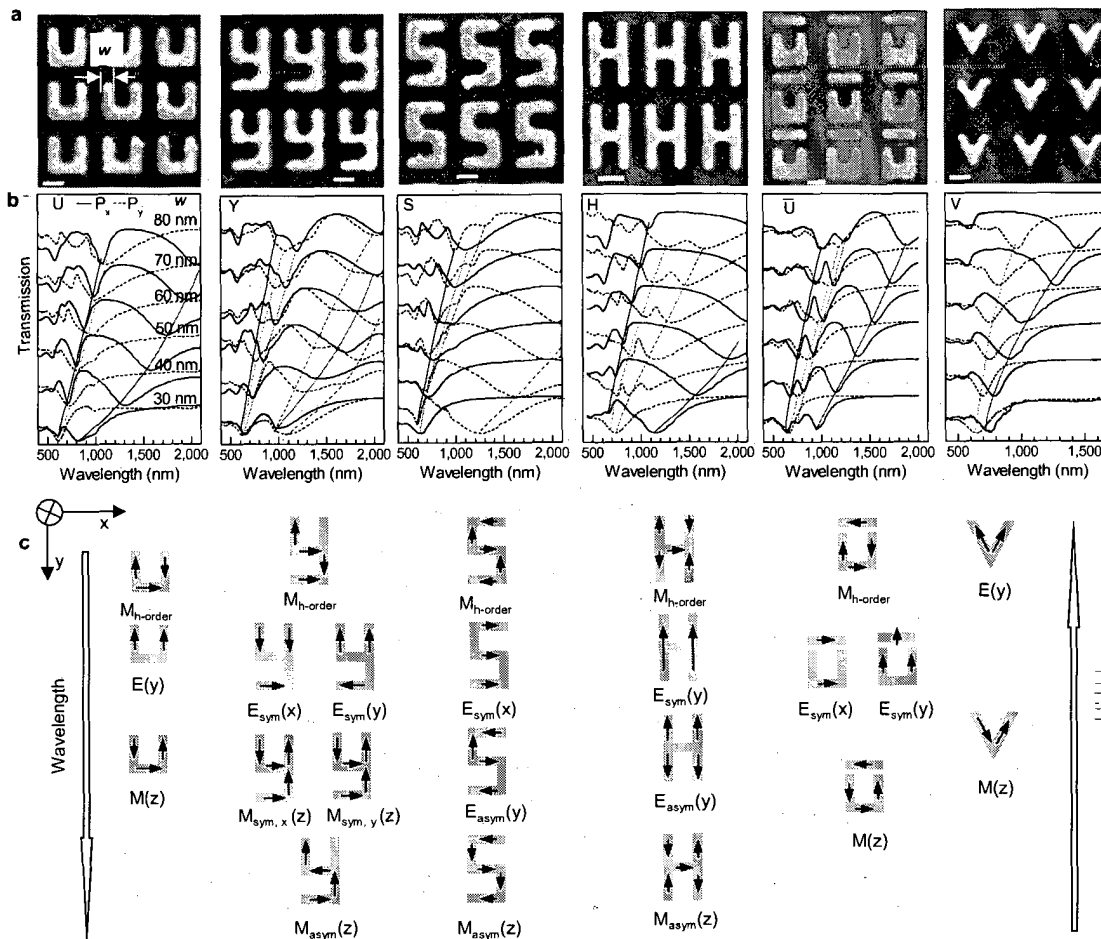


Figure 2

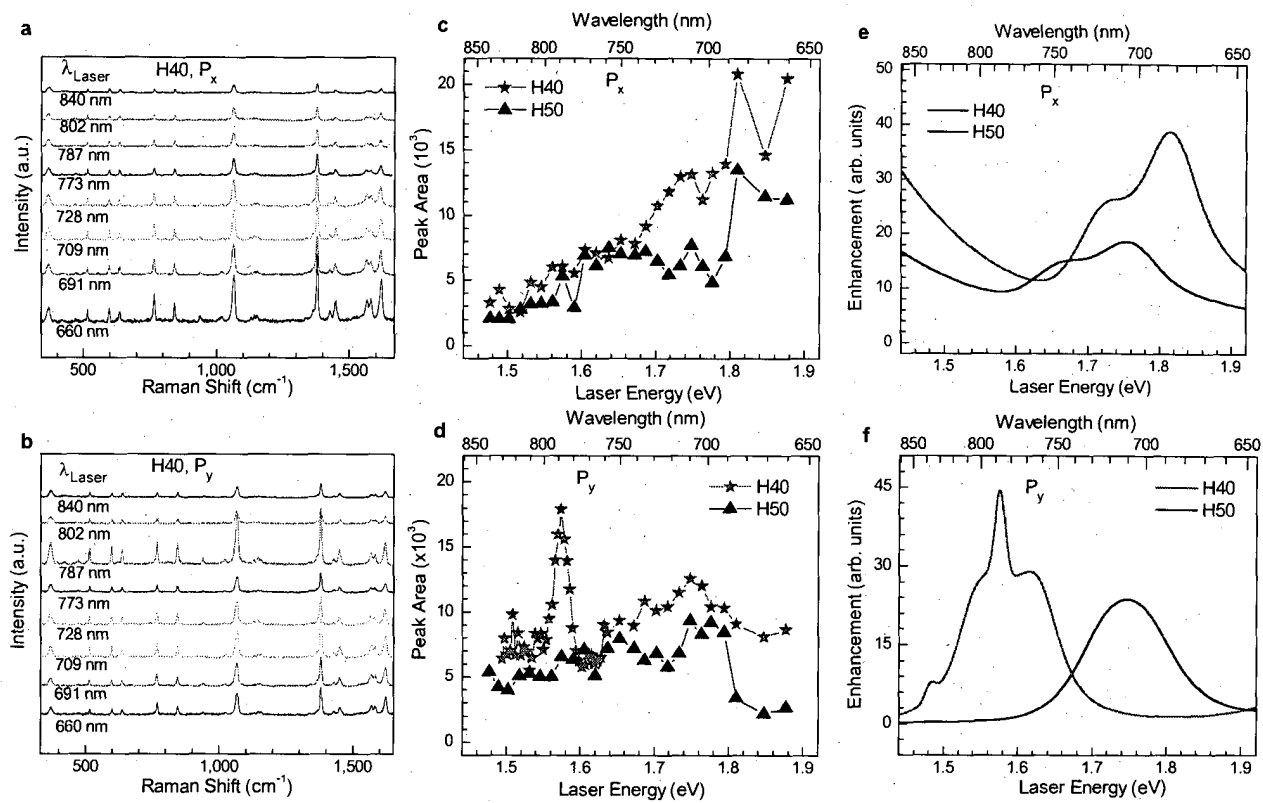


Figure 3

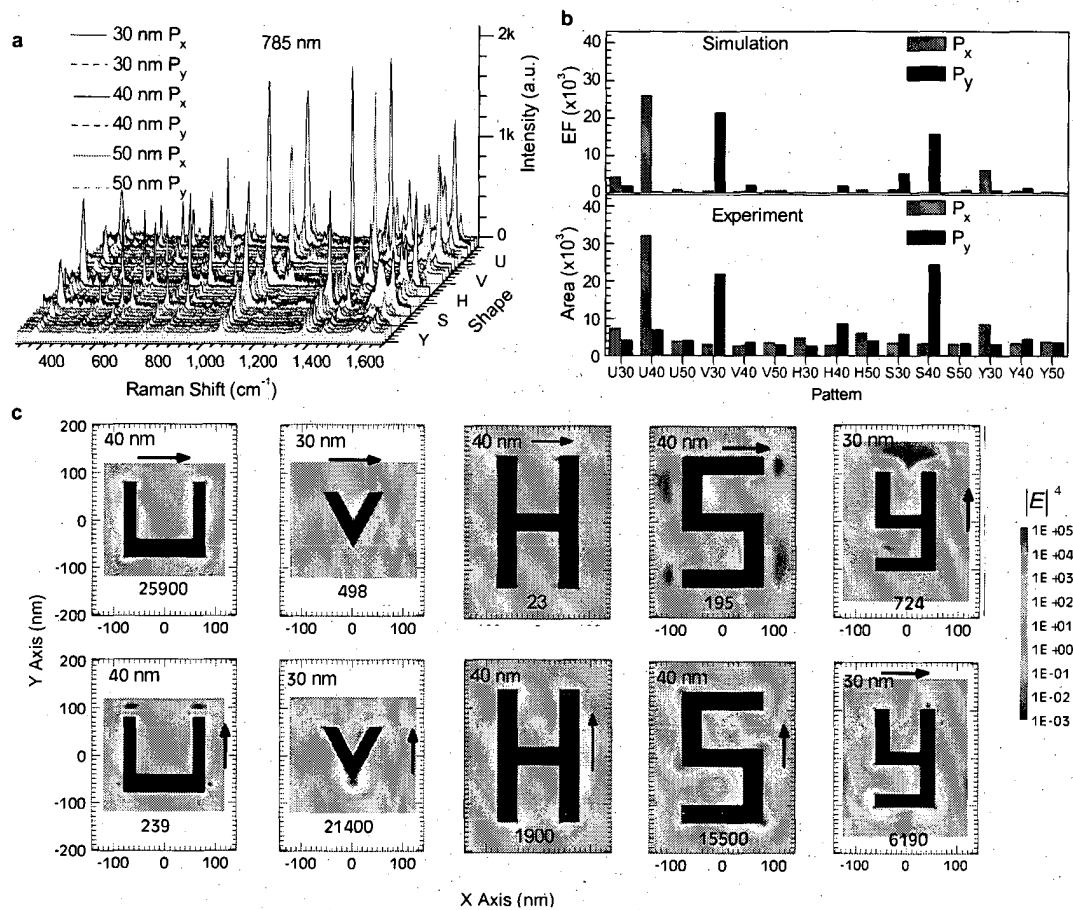


Figure 4

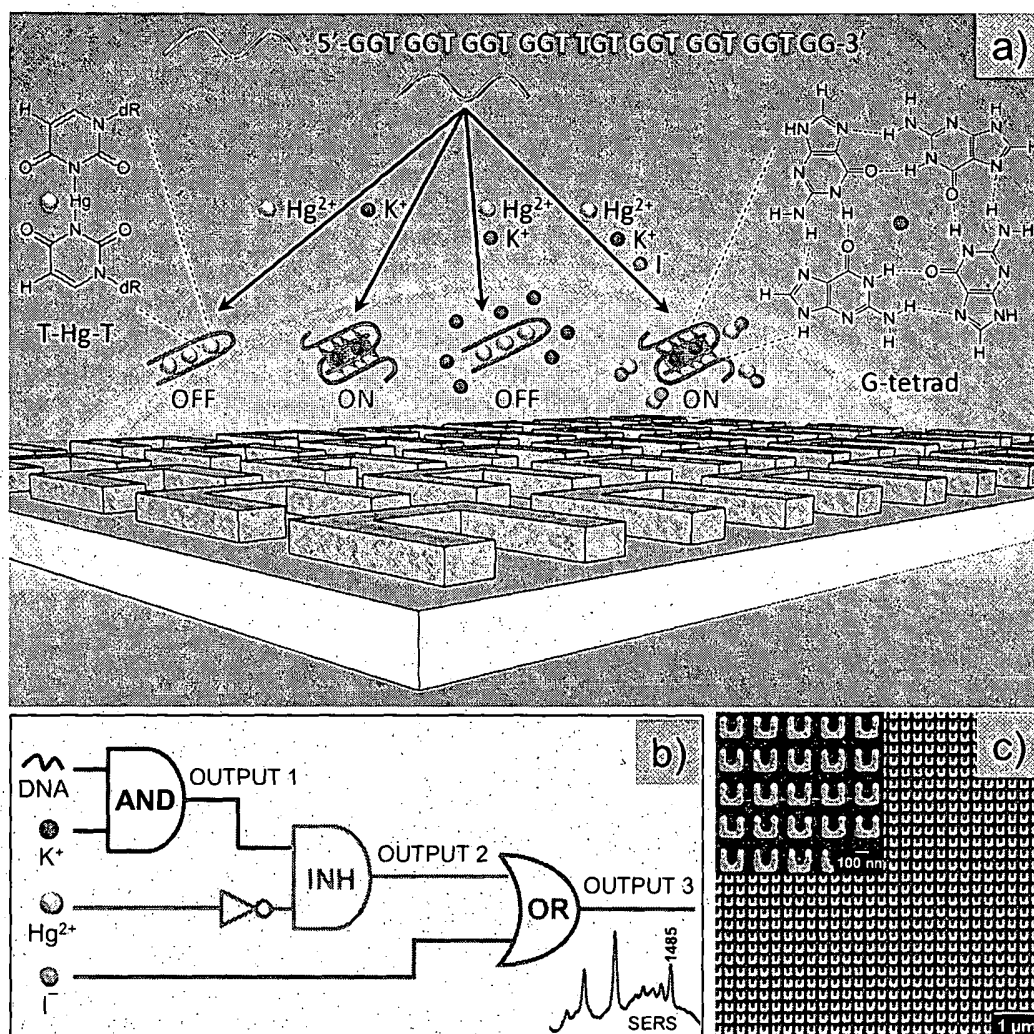


Figure 5

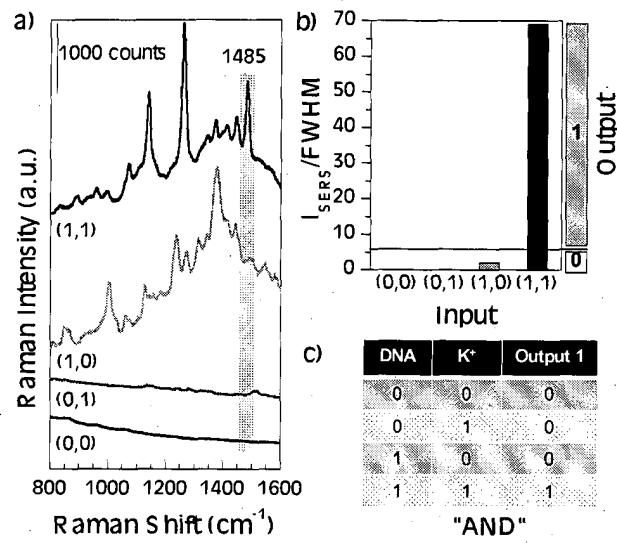


Figure 6

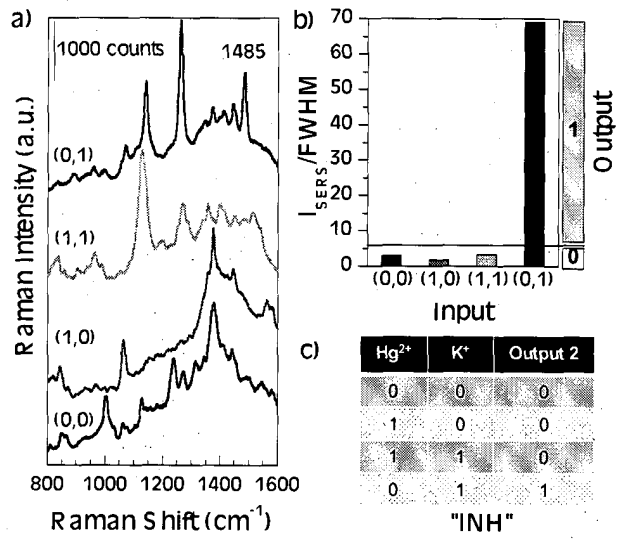


Figure 7

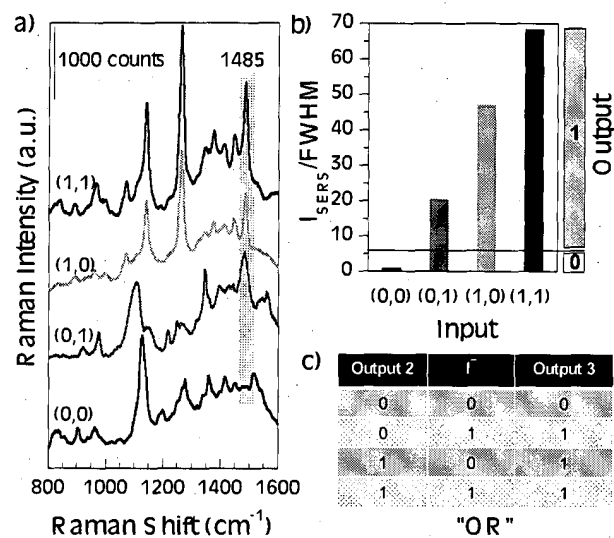


Figure 8

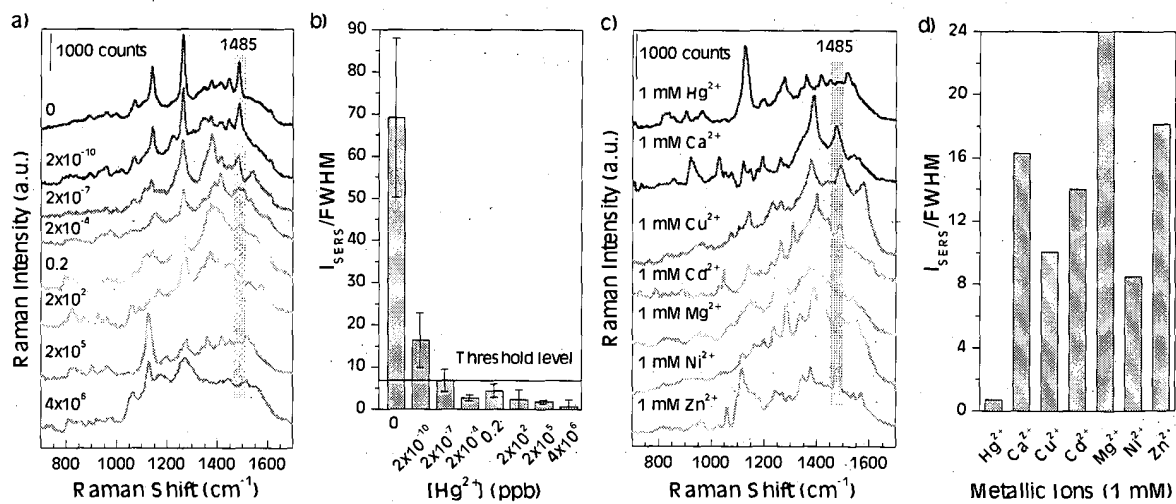
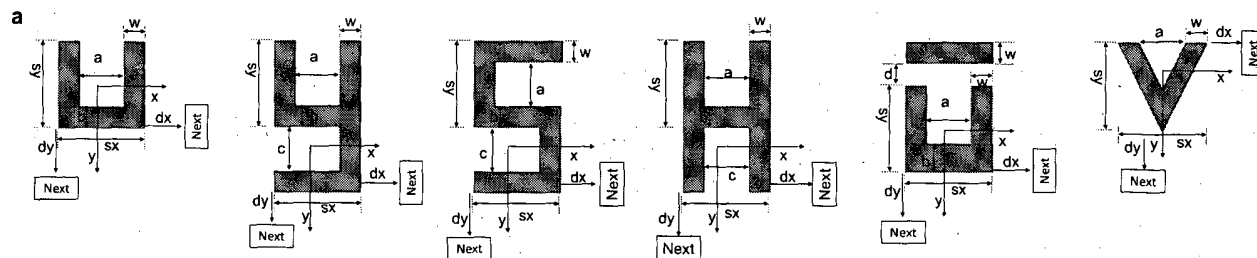


Figure 9



b

U	(nm)	Y	(nm)	S	(nm)	H	(nm)	Ubar	(nm)	V	(nm)
a	160	a	160	a	160	a	160	a	160	a	160
b	80	b	80	b	80	b	80	b	128	w	80
w	80	w	80	w	80	w	80	w	80	sx	320
sx	320	sx	320	sx	320	sx	320	sx	320	sy	320
sy	320	sy	320	sy	320	sy	320	sy	320	dx	160
dx	160	dx	160	dx	160	dx	160	dx	240	dy	160
dy	160	dy	160	dy	160	dy	160	dy	96		
								d	96		

Figure 10

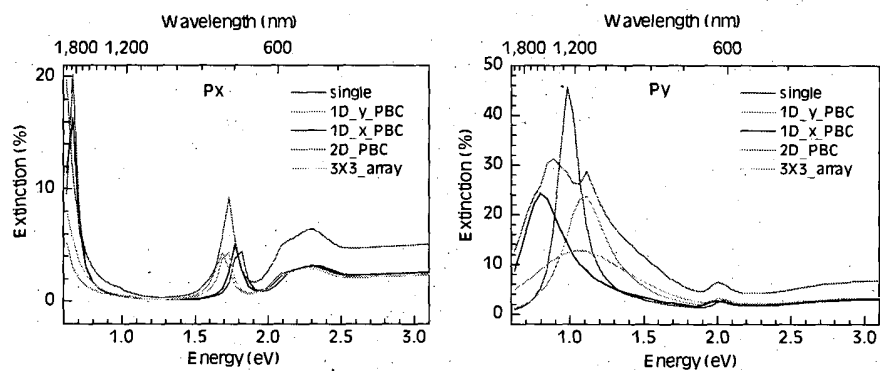


Figure 11

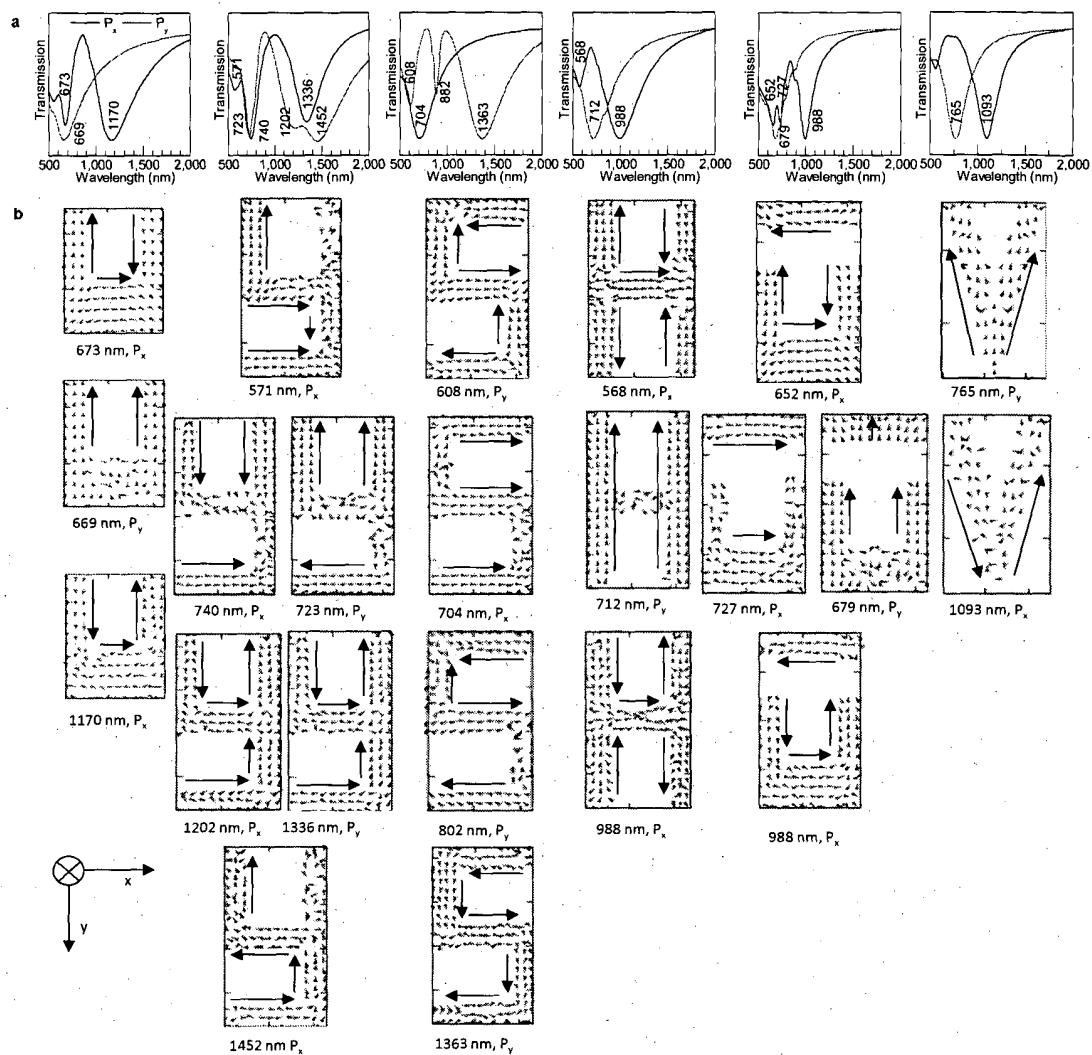


Figure 12

Pattern	h (1mm)	$P_x(785\text{nm}, 1380\text{ cm}^{-1})$			$P_y(785\text{nm}, 1380\text{ cm}^{-1})$		
		$I_{\text{scrs}}/I_{\text{bulk}}$	R_{lattice}	$EF(10^7)$	$I_{\text{scrs}}/I_{\text{bulk}}$	R_{lattice}	$EF(10^7)$
S30	1	7.08	0.53	2.48	12.92	0.53	4.53
S40	1	1.88	0.53	0.66	20.89	0.32	12.14
S50	1	3.10	0.53	1.09	3.05	0.53	1.07
H30	1	9.28	0.53	3.26	4.51	0.53	1.58
H40	1	10.31	0.53	3.62	19.21	0.53	6.76
H50	1	8.06	0.53	2.83	2.60	0.53	0.91
V30	1	3.32	0.32	1.93	18.7	0.32	10.56
V40	1	2.64	0.32	1.53	3.38	0.53	1.19
V50	1	4.11	0.32	2.39	4.45	0.53	1.56
Y30	1	12.37	0.32	7.19	0.37	0.53	0.13
Y40	1	4.14	0.53	1.45	14.02	0.53	4.92
Y50	1	5.61	0.53	1.97	5.87	0.53	2.06

Figure 13

