

IVDW = 10	C3 at K	C3 at -K	C3 at Γ	Chern number
4572	$\pi/3$ (\uparrow)	$-\pi/3$ (\downarrow)	π (\downarrow)	1 (\uparrow)
4571	$-\pi/3$ (\downarrow)	$\pi/3$ (\uparrow)	π (\uparrow)	-1 (\downarrow)
4570	$\pi/3$ (\downarrow)	$-\pi/3$ (\uparrow)	$-\pi/3$ (\downarrow)	1 (\uparrow)
4569	$-\pi/3$ (\uparrow)	$\pi/3$ (\downarrow)	$\pi/3$ (\uparrow)	-1 (\downarrow)
4568	$-\pi/3$ (\downarrow)	$\pi/3$ (\uparrow)	π (\uparrow)	-2 (\uparrow)
4567	$\pi/3$ (\uparrow)	$-\pi/3$ (\downarrow)	π (\downarrow)	2 (\downarrow)
IVDW = 4	C3 at K	C3 at -K	C3 at Γ	Chern number
4572	$\pi/3$ (\uparrow)	$-\pi/3$ (\downarrow)	π (\downarrow)	1 (\uparrow)
4571	$-\pi/3$ (\downarrow)	$\pi/3$ (\uparrow)	π (\uparrow)	-1 (\downarrow)
4570	$\pi/3$ (\downarrow)	$-\pi/3$ (\uparrow)	$-\pi/3$ (\downarrow)	1 (\uparrow)
4569	$-\pi/3$ (\uparrow)	$\pi/3$ (\downarrow)	$\pi/3$ (\uparrow)	-1 (\downarrow)
4568	$-\pi/3$ (\downarrow)	$\pi/3$ (\uparrow)	π (\uparrow)	-2 (\uparrow)
4567	$\pi/3$ (\uparrow)	$-\pi/3$ (\downarrow)	π (\downarrow)	2 (\downarrow)