

IVDW = 10	C3 at K	C3 at -K	C3 at Γ	Chern number
7812	$-\pi/3$ (\uparrow)	$\pi/3$ (\downarrow)	$\pi/3$ (\uparrow)	1 (\uparrow)
7811	$\pi/3$ (\downarrow)	$-\pi/3$ (\uparrow)	$-\pi/3$ (\downarrow)	-1 (\downarrow)
7810	π (\downarrow)	π (\uparrow)	$-\pi/3$ (\downarrow)	-1 (\uparrow)
7809	π (\uparrow)	π (\downarrow)	$\pi/3$ (\uparrow)	1 (\downarrow)
IVDW = 4	C3 at K	C3 at -K	C3 at Γ	Chern number
7812	$\pi/3$ (\uparrow)	$-\pi/3$ (\downarrow)	π (\downarrow)	1 (\uparrow)
7811	$-\pi/3$ (\downarrow)	$\pi/3$ (\uparrow)	π (\uparrow)	-1 (\downarrow)
7810	$\pi/3$ (\downarrow)	$-\pi/3$ (\uparrow)	$\pi/3$ (\uparrow)	1 (\uparrow)
7809	$-\pi/3$ (\uparrow)	$\pi/3$ (\downarrow)	$-\pi/3$ (\downarrow)	-1 (\downarrow)
7808	$-\pi/3$ (\downarrow)	$\pi/3$ (\uparrow)	π (\uparrow)	-2 (\uparrow)
7807	$\pi/3$ (\uparrow)	$-\pi/3$ (\downarrow)	π (\downarrow)	2 (\downarrow)