Warm reset is mission mode. At this mode qualcomm doesn't fully function after warm reset.

CC stopps toggling and OTG is disable after warm reset. this is because that 0x1645 register is set.

Register: **SCHG_MISC_SHDN_CMD**: 0x1600 + 0x0045 (0x1645)

Bits	Field Name	Description	Access	Calculated Value
0	SHDN_CMD	0 = SHUTDOWN OFF, 1 = SHUTDOWN ON	RW	

Below code is to enable CC toggling and enable OTG function after warm reset:

In XBL: pm_driver_post_init():

++pm_comm_write_byte(0, 0x1645, 0, 0);

You can confirm this register setting after warm reset to HLOS:

cd /d/regmap/spmi0-00

echo 1 > count

echo 0x1645 > address

cat data //it should be 0