Table 1 Simulation parameters

Basic parameters	Polar code K=56 and E=864
	QPSK modulation
	AWGN channel
Data type	Floating point
Polar decoder	CA-SCL decoder with list size 8 and early termination

Saved decoding rate is defined as undecoded information bits when early terminated over the total number of information bits in all erroneous blocks.
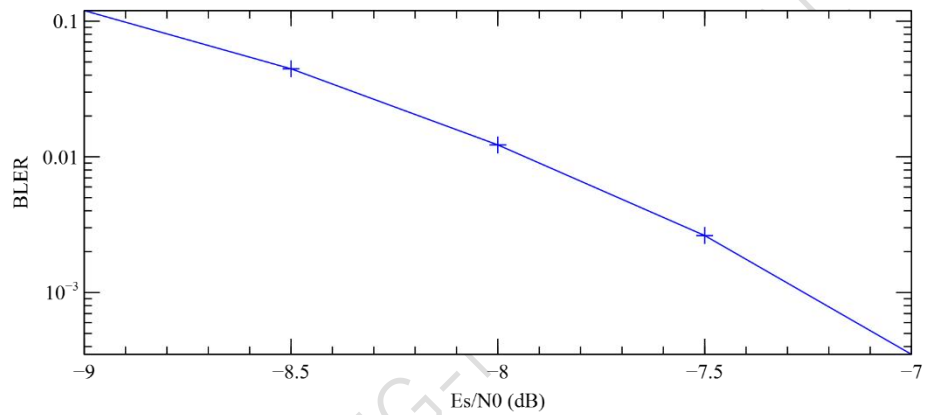

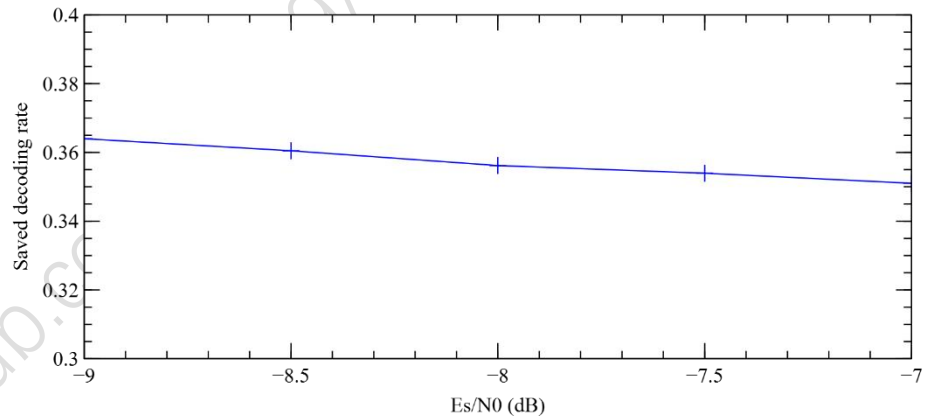fig 1. BLER versus Es/N0 for polar code (56,864) using QPSK over an AWGN channel

fig 2. Saved decoding rate versus Es/N0 for polar code (56,864) using QPSK over an AWGN channel