Hyperparameter	Range
Preamble length M:	$128, 256, 512$
Initial $\log(\sigma)$:	$-1.5...1$
Noise power density N_0:	$0.01...0.7$
Power loss factor λ_p:	$0.001...0.1$
Step size:	$0.0001...0.01$
k in kNN:	3 (hand-picked)
Num hidden units:	40 (hand-picked)
Training iterations:	2000 (hand-picked)