S=2 & number of UE = 2

Legend: MRT precoding, Zero forcing precoding

Y-axis: EE(bit/J), X-axis: number of RRHs

10RRHs and 2UE per Cluster

Y-axis: EE(bit/J), X-axis: Number of Clusters

EE vs. number of UEs for different number of RRHs

EE (bit/j) vs. Number of UEs per Cluster

Legend:
- 70 RRHs per Cluster
- 50 RRHs per Cluster
- 30 RRHs per Cluster

EE vs. Number of UEs per Cluster

EE (bit/J) vs. Number of UEs per Cluster

Legend:
- $\sigma_q = 1e{-}6$
- $\sigma_q = 1e{-}4$

EE vs. Number of RRHs for different Number of UEs

Legend:
- 5UEs per Cluster
- 2UEs per Cluster

EE (bit/J) vs Number of RRHs per Cluster

Spectral

Spectral effociency with out optimizaing

100 RRHs and 2UE in 2 Cluster
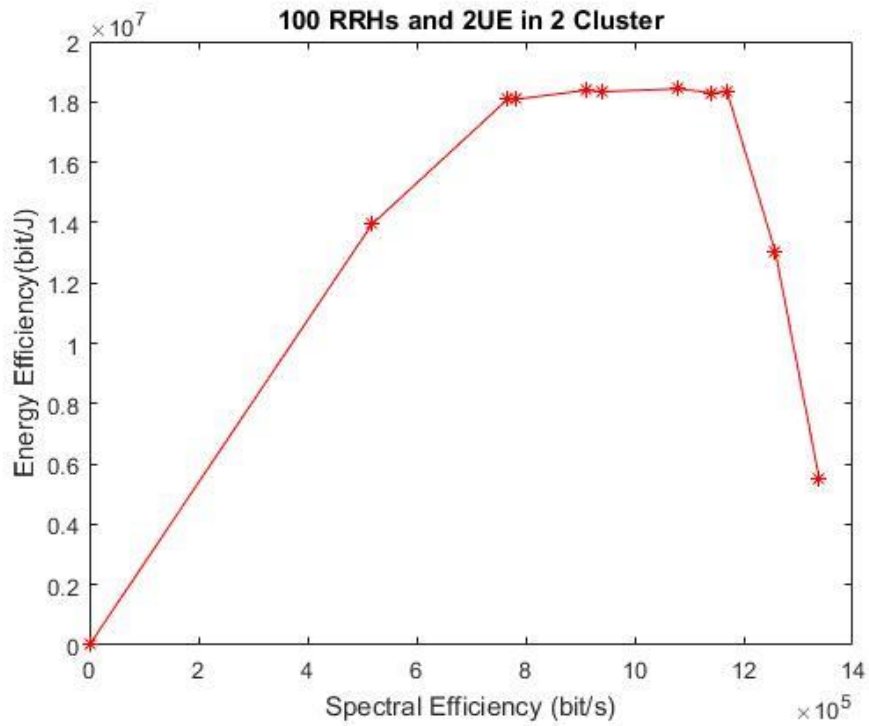
Spectral effociency with optimizaing

EE vs. Cmax