TABLE I

AVERAGE NETWORK THROUGHPUT (IN BPS/HZ/CELL) OF THE DERIVED BOUNDS, CENTRALIZED AND DISTRIBUTED
SCHEMES FOR $L=2$ CELLS AND $N=6$ SUBCARRIERS/CELL

	K=2 Users		K=4 Users		K=6 Users		Computation Complexity
	d=0.5km	d=0.9km	d=0.5km	d=0.9km	d=0.5km	d=0.9km	
UB	44.2642	33.1294	55.7414	42.8390	60.6901	49.6214	$O(KN^2)$
Optimal	37.1168	29.8642	47.9975	35.6520	52.1299	41.0121	$O(K^{NL}) + DoD(LKN)$
Centralized A	36.8061	28.6973	46.4765	34.0713	51.2868	40.5845	$O(KN^2 + NKLM) + DoD(LKN)$
Centralized B	36.4755	27.0352	45.6239	33.4280	49.7971	38.7237	$O(KN^2) + DoD(L)$
Distributed	35.3623	25.9976	43.5918	31.9231	48.8887	38.0050	$O(KN^2) + DoD(L)$
LB	35.0966	25.8635	42.5509	31.0261	48.1571	37.7996	$O(KN^2)$