

### Encryption Quality Experiments

Key Level [2 3 2 3]

	Test Data 1	Test Data 2	Test Data 3	Test Data 4	Test Data 5	Test Data 6	Test Data 7	Test Data 8	Test Data 9	Average
Type 1	93,7500	79,0179	95,8807	73,0556	97,3618	73,8244	76,0356	72,7986	68,5210	81,1384
Type 2	96,8750	84,3750	98,1534	85,4167	98,9322	87,1881	89,4162	83,9063	83,8593	89,7913
Type 3	96,8750	97,7679	99,0057	97,5000	99,7487	90,2351	96,1106	83,5833	83,1077	93,7704
Type 4	96,8750	96,8750	98,7216	97,3611	99,6859	85,2927	93,0202	83,1701	83,1539	92,6840

Key Level [3 4 3 4]

	Test Data 1	Test Data 2	Test Data 3	Test Data 4	Test Data 5	Test Data 6	Test Data 7	Test Data 8	Test Data 9	Average
Type 1	90,6250	86,1607	96,7330	77,6389	98,6537	78,8319	80,8520	76,3472	72,7143	84,2841
Type 2	93,7500	88,8393	98,7216	83,6111	99,0920	87,3951	90,6115	84,1076	84,0434	90,0191
Type 3	90,6250	96,8750	98,1534	97,3611	99,7182	91,4248	95,9682	84,0278	83,6740	93,0920
Type 4	87,5000	96,8750	98,7216	97,7778	99,6556	84,1329	93,0167	83,5278	83,4561	91,6293

Key Level [3 4 3 4 4 4]

	Test Data 1	Test Data 2	Test Data 3	Test Data 4	Test Data 5	Test Data 6	Test Data 7	Test Data 8	Test Data 9	Average
Type 1	93,7500	92,4107	98,7216	89,5833	99,6875	84,5315	90,2152	82,8750	81,4281	90,3559
Type 2	90,6250	92,4107	99,0057	91,1111	99,0000	90,0911	95,0648	84,3264	84,3197	91,7727
Type 3	100,000	97,7679	99,0057	98,8889	99,1875	94,1888	97,8768	88,8958	87,7689	95,9534
Type 4	100,000	96,8750	99,0057	97,7778	99,5000	87,9583	94,7632	85,5035	82,3218	93,7450

Key Level [4 5 3 5 4 4 5 5]

	Test Data 1	Test Data 2	Test Data 3	Test Data 4	Test Data 5	Test Data 6	Test Data 7	Test Data 8	Test Data 9	Average
Type 1	100,000	86,6935	99,0057	93,1694	99,1875	85,6613	93,8869	88,0000	83,8290	92,1593
Type 2	87,5000	91,5323	99,0057	96,7213	99,4375	91,2820	96,4364	85,8403	82,4850	92,2489
Type 3	100,000	93,1452	98,4375	98,7705	99,5000	97,0462	98,8556	95,6944	92,6188	97,1187
Type 4	84,3750	92,3387	99,0057	98,0874	99,3750	89,1055	96,0699	93,0139	83,2678	92,7377

Key Level [3 4 5 4 5 3 2 1 5 5 4 5 4]

	Test Data 1	Test Data 2	Test Data 3	Test Data 4	Test Data 5	Test Data 6	Test Data 7	Test Data 8	Test Data 9	Average
Type 1	96,8750	91,0156	99,0057	97,8854	99,5000	91,7383	96,8903	98,7951	88,4931	95,5776
Type 2	90,6250	91,0156	98,4375	97,8854	99,5000	94,3171	98,0055	98,3125	83,8542	94,6614
Type 3	100,000	91,7969	99,0057	98,7040	99,5625	99,1882	99,7232	99,6563	98,2676	98,4338
Type 4	93,7500	90,2344	99,0057	98,2947	99,4375	93,3381	98,1032	99,6354	88,8383	95,6264