

	Ant1	6625	77.838	6586.0334	6663.8714	≤320	PASS
	Ant2	6625	77.955	6585.9335	6663.8887	≤320	PASS
	Ant3	6625	77.621	6586.1441	6663.7651	≤320	PASS
	Ant4	6625	77.788	6586.0621	6663.8506	≤320	PASS
	Ant1	6705	77.77	6666.0406	6743.8107	≤320	PASS
	Ant2	6705	77.696	6666.0754	6743.7714	≤320	PASS
	Ant3	6705	77.668	6666.0548	6743.7232	≤320	PASS
	Ant4	6705	77.813	6666.0445	6743.8574	≤320	PASS
	Ant1	6785	77.807	6746.1470	6823.9543	≤320	PASS
	Ant2	6785	78.014	6745.9486	6823.9622	≤320	PASS
	Ant3	6785	77.726	6746.0624	6823.7880	≤320	PASS
	Ant4	6785	77.694	6746.1150	6823.8089	≤320	PASS
	Ant1	6865	77.923	6826.0337	6903.9565	≤320	PASS
	Ant2	6865	78.051	6825.8637	6903.9148	≤320	PASS
	Ant3	6865	77.934	6826.0545	6903.9887	≤320	PASS
	Ant4	6865	77.942	6826.0982	6904.0400	≤320	PASS
	Ant1	6945	77.799	6906.1238	6983.9224	≤320	PASS
	Ant2	6945	77.771	6906.1928	6983.9638	≤320	PASS
	Ant3	6945	77.474	6906.2809	6983.7545	≤320	PASS
	Ant4	6945	77.677	6906.1835	6983.8600	≤320	PASS
	Ant1	7025	77.91	6986.0039	7063.9138	≤320	PASS
	Ant2	7025	77.88	6986.1099	7063.9899	≤320	PASS
	Ant3	7025	77.895	6986.0187	7063.9138	≤320	PASS
	Ant4	7025	77.845	6985.9112	7063.7564	≤320	PASS
11AX160MIMO	Ant1	6025	158.709	5945.7366	6104.4455	≤320	PASS
	Ant2	6025	158.462	5946.2071	6104.6688	≤320	PASS
	Ant3	6025	158.367	5946.0581	6104.4249	≤320	PASS
	Ant4	6025	158.123	5945.9552	6104.0783	≤320	PASS
	Ant1	6185	158.096	6105.7327	6263.8285	≤320	PASS
	Ant2	6185	158.042	6106.0244	6264.0665	≤320	PASS
	Ant3	6185	158.329	6105.7974	6264.1268	≤320	PASS
	Ant4	6185	158.06	6105.8804	6263.9404	≤320	PASS
	Ant1	6345	158.307	6265.7875	6424.0940	≤320	PASS
	Ant2	6345	158.24	6265.9776	6424.2171	≤320	PASS
	Ant3	6345	158.312	6265.7299	6424.0417	≤320	PASS
	Ant4	6345	157.64	6266.2687	6423.9091	≤320	PASS
	Ant1	6505	158.418	6425.6409	6584.0592	≤320	PASS
	Ant2	6505	158.475	6425.6626	6584.1376	≤320	PASS
	Ant3	6505	158.061	6425.9970	6584.0583	≤320	PASS
	Ant4	6505	157.833	6425.9239	6583.7571	≤320	PASS
	Ant1	6665	157.733	6586.0510	6743.7842	≤320	PASS
	Ant2	6665	158.401	6585.7733	6744.1744	≤320	PASS
	Ant3	6665	158.43	6585.5523	6743.9828	≤320	PASS
	Ant4	6665	158.624	6585.5220	6744.1460	≤320	PASS
	Ant1	6825	158.372	6745.9327	6904.3051	≤320	PASS
	Ant2	6825	158.675	6745.6024	6904.2772	≤320	PASS
	Ant3	6825	158.387	6745.5957	6903.9832	≤320	PASS
	Ant4	6825	158.289	6746.1063	6904.3951	≤320	PASS
	Ant1	6985	158.089	6905.9269	7064.0162	≤320	PASS
	Ant2	6985	157.993	6906.1756	7064.1688	≤320	PASS
	Ant3	6985	157.846	6906.4913	7064.3373	≤320	PASS
	Ant4	6985	158.334	6905.3570	7063.6912	≤320	PASS
11BE20MIMO	Ant1	5955	19.06	5945.4762	5964.5362	≤320	PASS
	Ant2	5955	18.959	5945.5372	5964.4961	≤320	PASS
	Ant3	5955	19.065	5945.4293	5964.4947	≤320	PASS
	Ant4	5955	18.946	5945.5177	5964.4639	≤320	PASS
	Ant1	6175	19.111	6165.4185	6184.5294	≤320	PASS
	Ant2	6175	19.088	6165.4158	6184.5037	≤320	PASS
	Ant3	6175	19.054	6165.4448	6184.4988	≤320	PASS
	Ant4	6175	18.992	6165.4970	6184.4888	≤320	PASS
	Ant1	6415	18.912	6405.4875	6424.3990	≤320	PASS
	Ant2	6415	18.95	6405.5068	6424.4572	≤320	PASS
	Ant3	6415	18.925	6405.5221	6424.4470	≤320	PASS
	Ant4	6415	19.051	6405.4538	6424.5052	≤320	PASS

	Ant1	6435	19.026	6425.4913	6444.5176	≤320	PASS
	Ant2	6435	19.068	6425.4312	6444.4989	≤320	PASS
	Ant3	6435	19.017	6425.4547	6444.4715	≤320	PASS
	Ant4	6435	19.055	6425.4566	6444.5119	≤320	PASS
	Ant1	6475	19.042	6465.4407	6484.4831	≤320	PASS
	Ant2	6475	19.044	6465.4580	6484.5024	≤320	PASS
	Ant3	6475	19.055	6465.4474	6484.5025	≤320	PASS
	Ant4	6475	19.028	6465.4769	6484.5050	≤320	PASS
	Ant1	6515	19.039	6505.4663	6524.5056	≤320	PASS
	Ant2	6515	19.065	6505.4510	6524.5162	≤320	PASS
	Ant3	6515	19.066	6505.4409	6524.5074	≤320	PASS
	Ant4	6515	19.026	6505.4775	6524.5039	≤320	PASS
	Ant1	6535	19.08	6525.4095	6544.4895	≤320	PASS
	Ant2	6535	19.109	6525.4089	6544.5178	≤320	PASS
	Ant3	6535	19.052	6525.4212	6544.4736	≤320	PASS
	Ant4	6535	18.932	6525.4754	6544.4073	≤320	PASS
	Ant1	6695	18.872	6685.5217	6704.3939	≤320	PASS
	Ant2	6695	19.016	6685.4886	6704.5049	≤320	PASS
	Ant3	6695	18.991	6685.4325	6704.4234	≤320	PASS
	Ant4	6695	19.017	6685.4617	6704.4787	≤320	PASS
	Ant1	6855	19.013	6845.4472	6864.4604	≤320	PASS
	Ant2	6855	19.094	6845.4198	6864.5136	≤320	PASS
	Ant3	6855	19.044	6845.4582	6864.5018	≤320	PASS
	Ant4	6855	19.051	6845.4490	6864.4997	≤320	PASS
	Ant1	6875	19.02	6865.4752	6884.4952	≤320	PASS
	Ant2	6875	19.019	6865.4405	6884.4590	≤320	PASS
	Ant3	6875	19.025	6865.4847	6884.5093	≤320	PASS
	Ant4	6875	19.002	6865.4715	6884.4736	≤320	PASS
	Ant1	6895	19.018	6885.4464	6904.4642	≤320	PASS
	Ant2	6895	19.03	6885.4552	6904.4856	≤320	PASS
	Ant3	6895	19.038	6885.4573	6904.4956	≤320	PASS
	Ant4	6895	19.011	6885.4850	6904.4961	≤320	PASS
	Ant1	6995	18.984	6985.4676	7004.4514	≤320	PASS
	Ant2	6995	19.021	6985.4772	7004.4985	≤320	PASS
	Ant3	6995	18.941	6985.5054	7004.4463	≤320	PASS
	Ant4	6995	19.032	6985.4705	7004.5027	≤320	PASS
	Ant1	7115	19.133	7105.4141	7124.5468	≤320	PASS
	Ant2	7115	19.03	7105.5097	7124.5395	≤320	PASS
	Ant3	7115	19.133	7105.4139	7124.5472	≤320	PASS
	Ant4	7115	19.029	7105.5097	7124.5383	≤320	PASS
11BE40MIMO	Ant1	5965	38.06	5945.9541	5984.0143	≤320	PASS
	Ant2	5965	37.944	5945.9543	5983.8979	≤320	PASS
	Ant3	5965	37.862	5946.0803	5983.9420	≤320	PASS
	Ant4	5965	38.044	5945.9275	5983.9720	≤320	PASS
	Ant1	6165	38.055	6145.9912	6184.0463	≤320	PASS
	Ant2	6165	38.236	6145.8769	6184.1134	≤320	PASS
	Ant3	6165	38.099	6145.9700	6184.0689	≤320	PASS
	Ant4	6165	37.96	6146.0520	6184.0118	≤320	PASS
	Ant1	6405	38.053	6385.8382	6423.8917	≤320	PASS
	Ant2	6405	37.883	6386.0592	6423.9424	≤320	PASS
	Ant3	6405	37.983	6385.9484	6423.9318	≤320	PASS
	Ant4	6405	38.032	6385.9000	6423.9325	≤320	PASS
	Ant1	6445	38.011	6426.0669	6464.0779	≤320	PASS
	Ant2	6445	37.845	6426.0209	6463.8661	≤320	PASS
	Ant3	6445	37.942	6426.0292	6463.9715	≤320	PASS
	Ant4	6445	38.116	6425.8357	6463.9512	≤320	PASS
	Ant1	6485	38.003	6465.9823	6503.9849	≤320	PASS
	Ant2	6485	38.018	6466.0157	6504.0338	≤320	PASS
	Ant3	6485	37.92	6465.9648	6503.8848	≤320	PASS
	Ant4	6485	38.045	6465.9215	6503.9662	≤320	PASS
	Ant1	6525	38.114	6505.8155	6543.9296	≤320	PASS
	Ant2	6525	38.177	6505.7987	6543.9759	≤320	PASS
	Ant3	6525	37.962	6506.0580	6544.0203	≤320	PASS
	Ant4	6525	38.035	6505.9527	6543.9876	≤320	PASS

	Ant1	6565	37.936	6546.0319	6583.9678	≤320	PASS
	Ant2	6565	38.078	6545.9048	6583.9824	≤320	PASS
	Ant3	6565	37.959	6546.0114	6583.9703	≤320	PASS
	Ant4	6565	38.012	6545.8856	6583.8978	≤320	PASS
	Ant1	6685	38.138	6665.9839	6704.1223	≤320	PASS
	Ant2	6685	37.9	6666.0282	6703.9284	≤320	PASS
	Ant3	6685	37.888	6666.0190	6703.9067	≤320	PASS
	Ant4	6685	38.026	6665.9546	6703.9807	≤320	PASS
	Ant1	6845	37.828	6826.1411	6863.9689	≤320	PASS
	Ant2	6845	38.028	6825.9832	6864.0107	≤320	PASS
	Ant3	6845	37.901	6826.0599	6863.9613	≤320	PASS
	Ant4	6845	37.988	6826.0212	6864.0089	≤320	PASS
	Ant1	6885	38.167	6865.8688	6904.0356	≤320	PASS
	Ant2	6885	37.986	6866.0820	6904.0683	≤320	PASS
	Ant3	6885	37.845	6866.1183	6903.9636	≤320	PASS
	Ant4	6885	37.993	6865.9828	6903.9756	≤320	PASS
	Ant1	6925	37.969	6906.0150	6943.9843	≤320	PASS
	Ant2	6925	37.985	6906.0103	6943.9948	≤320	PASS
	Ant3	6925	37.79	6906.1013	6943.8908	≤320	PASS
	Ant4	6925	37.809	6906.0573	6943.8665	≤320	PASS
	Ant1	6965	38.096	6945.8589	6983.9552	≤320	PASS
	Ant2	6965	37.913	6946.1344	6984.0470	≤320	PASS
	Ant3	6965	38.196	6945.9346	6984.1310	≤320	PASS
	Ant4	6965	38.045	6945.9091	6983.9541	≤320	PASS
	Ant1	7085	37.988	7065.9168	7103.9053	≤320	PASS
	Ant2	7085	38.018	7065.8903	7103.9086	≤320	PASS
	Ant3	7085	37.79	7066.0176	7103.8071	≤320	PASS
	Ant4	7085	37.875	7065.9876	7103.8621	≤320	PASS
11BE80MIMO	Ant1	5985	77.981	5945.8394	6023.8201	≤320	PASS
	Ant2	5985	77.943	5945.8575	6023.8007	≤320	PASS
	Ant3	5985	77.848	5946.1339	6023.9819	≤320	PASS
	Ant4	5985	77.654	5946.1479	6023.8020	≤320	PASS
	Ant1	6145	78.185	6105.7409	6183.9259	≤320	PASS
	Ant2	6145	77.919	6106.0420	6183.9609	≤320	PASS
	Ant3	6145	78.042	6106.0266	6184.0685	≤320	PASS
	Ant4	6145	77.835	6106.0644	6183.8997	≤320	PASS
	Ant1	6385	77.786	6346.0194	6423.8053	≤320	PASS
	Ant2	6385	77.773	6346.1235	6423.8967	≤320	PASS
	Ant3	6385	77.813	6346.0704	6423.8839	≤320	PASS
	Ant4	6385	77.896	6345.9710	6423.8670	≤320	PASS
	Ant1	6465	78.325	6425.6417	6503.9666	≤320	PASS
	Ant2	6465	77.888	6426.0767	6503.9652	≤320	PASS
	Ant3	6465	78.181	6425.8996	6504.0801	≤320	PASS
	Ant4	6465	77.71	6426.1438	6503.8541	≤320	PASS
	Ant1	6545	78.429	6505.8601	6584.2892	≤320	PASS
	Ant2	6545	77.802	6505.9295	6583.7312	≤320	PASS
	Ant3	6545	77.99	6506.2986	6584.2887	≤320	PASS
	Ant4	6545	77.811	6506.0671	6583.8786	≤320	PASS
	Ant1	6625	77.833	6586.0130	6663.8460	≤320	PASS
	Ant2	6625	78.015	6586.0121	6664.0274	≤320	PASS
	Ant3	6625	77.923	6586.0850	6664.0084	≤320	PASS
	Ant4	6625	78.521	6585.7725	6664.2939	≤320	PASS
	Ant1	6705	77.87	6666.1117	6743.9814	≤320	PASS
	Ant2	6705	77.845	6666.1251	6743.9706	≤320	PASS
	Ant3	6705	78.089	6665.8802	6743.9691	≤320	PASS
	Ant4	6705	77.732	6666.1515	6743.8835	≤320	PASS
	Ant1	6785	77.998	6746.0194	6824.0175	≤320	PASS
	Ant2	6785	77.823	6746.1786	6824.0021	≤320	PASS
	Ant3	6785	78.029	6745.8616	6823.8903	≤320	PASS
	Ant4	6785	77.645	6746.2279	6823.8730	≤320	PASS
	Ant1	6865	77.993	6825.9249	6903.9180	≤320	PASS
	Ant2	6865	78.009	6826.0175	6904.0266	≤320	PASS
	Ant3	6865	77.905	6826.2507	6904.1554	≤320	PASS
	Ant4	6865	77.821	6826.0892	6903.9106	≤320	PASS

	Ant1	6945	78.172	6905.8257	6983.9975	≤320	PASS
	Ant2	6945	77.815	6906.2549	6984.0704	≤320	PASS
	Ant3	6945	77.948	6905.9571	6983.9055	≤320	PASS
	Ant4	6945	77.725	6906.0205	6983.7451	≤320	PASS
	Ant1	7025	78.046	6985.9308	7063.9764	≤320	PASS
	Ant2	7025	78.109	6985.9970	7064.1063	≤320	PASS
	Ant3	7025	78.272	6985.8554	7064.1270	≤320	PASS
	Ant4	7025	78.179	6985.7977	7063.9765	≤320	PASS
11BE160MIMO	Ant1	6025	158.546	5945.9766	6104.5229	≤320	PASS
	Ant2	6025	158.433	5946.3608	6104.7937	≤320	PASS
	Ant3	6025	158.575	5946.1234	6104.6982	≤320	PASS
	Ant4	6025	157.679	5946.1045	6103.7833	≤320	PASS
	Ant1	6185	158.263	6105.6468	6263.9101	≤320	PASS
	Ant2	6185	157.416	6106.3950	6263.8110	≤320	PASS
	Ant3	6185	158.115	6105.8780	6263.9932	≤320	PASS
	Ant4	6185	158.28	6105.5503	6263.8308	≤320	PASS
	Ant1	6345	158.196	6265.6876	6423.8833	≤320	PASS
	Ant2	6345	158.591	6265.4958	6424.0873	≤320	PASS
	Ant3	6345	158.467	6265.9275	6424.3941	≤320	PASS
	Ant4	6345	158.779	6265.6781	6424.4572	≤320	PASS
	Ant1	6505	156.171	6426.5429	6582.7139	≤320	PASS
	Ant2	6505	156.598	6426.2986	6582.8964	≤320	PASS
	Ant3	6505	156.475	6426.7822	6583.2570	≤320	PASS
	Ant4	6505	157.788	6426.1159	6583.9040	≤320	PASS
	Ant1	6665	158.254	6585.5028	6743.7566	≤320	PASS
	Ant2	6665	158.245	6585.4053	6743.6507	≤320	PASS
	Ant3	6665	158.258	6585.8089	6744.0672	≤320	PASS
	Ant4	6665	158.931	6585.0162	6743.9477	≤320	PASS
	Ant1	6825	158.654	6745.9135	6904.5672	≤320	PASS
	Ant2	6825	159.187	6745.3238	6904.5107	≤320	PASS
	Ant3	6825	158.841	6745.4238	6904.2646	≤320	PASS
	Ant4	6825	159.355	6745.1667	6904.5214	≤320	PASS
	Ant1	6985	157.599	6905.9230	7063.5221	≤320	PASS
	Ant2	6985	158.025	6905.6845	7063.7091	≤320	PASS
	Ant3	6985	157.679	6906.2592	7063.9383	≤320	PASS
	Ant4	6985	157.719	6905.3195	7063.0386	≤320	PASS
11BE320MIMO	Ant1	6105	319.389	5944.9156	6264.3051	≤320	PASS
	Ant2	6105	319.42	5945.3002	6264.7201	≤320	PASS
	Ant3	6105	317.021	5946.1622	6263.1837	≤320	PASS
	Ant4	6105	317.072	5946.1066	6263.1787	≤320	PASS
	Ant1	6265	319.461	6103.7034	6423.1649	≤320	PASS
	Ant2	6265	319.885	6103.8513	6423.7361	≤320	PASS
	Ant3	6265	319.871	6103.5921	6423.4634	≤320	PASS
	Ant4	6265	318.271	6105.1803	6423.4512	≤320	PASS
	Ant1	6585	318.333	6425.2470	6743.5801	≤320	PASS
	Ant2	6585	318.354	6425.2496	6743.6038	≤320	PASS
	Ant3	6585	318.365	6425.2446	6743.6099	≤320	PASS
	Ant4	6585	318.398	6425.3086	6743.7066	≤320	PASS
	Ant1	6745	316.139	6585.8428	6901.9821	≤320	PASS
	Ant3	6745	316.193	6585.7880	6901.9807	≤320	PASS
	Ant4	6745	316.267	6585.7811	6902.0484	≤320	PASS
	Ant1	6905	316.214	6585.8439	6902.0581	≤320	PASS
	Ant2	6905	317.635	6746.3469	7063.9816	≤320	PASS
	Ant3	6905	317.131	6746.4667	7063.5973	≤320	PASS
	Ant4	6905	319.918	6744.8657	7064.7837	≤320	PASS

5.5. Test graphs















































