

2	5.0	18900	1880.0	16QAM	1@0	13000	16000	-38.68	-13	PASS
2	5.0	18900	1880.0	16QAM	1@0	16000	19000	-36.35	-13	PASS
2	5.0	18900	1880.0	16QAM	1@0	19000	20000	-36.08	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	30	1000	-32.58	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	1000	4000	-38.14	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	4000	7000	-40.52	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	7000	10000	-44.48	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	10000	13000	-42.61	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	13000	16000	-39.21	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	16000	19000	-36.42	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	19000	20000	-36.25	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	30	1000	-29.26	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	1000	4000	-37.42	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	4000	7000	-39.83	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	7000	10000	-44.74	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	10000	13000	-42.25	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	13000	16000	-38.53	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	16000	19000	-36.55	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	19000	20000	-36.95	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	30	1000	-34.41	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	1000	4000	-37.16	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	4000	7000	-41.87	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	7000	10000	-44.67	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	10000	13000	-41.79	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	13000	16000	-38.82	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	16000	19000	-36.71	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	19000	20000	-35.9	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	30	1000	-35.6	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	1000	4000	-38.35	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	4000	7000	-41.0	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	7000	10000	-44.38	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	10000	13000	-42.72	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	13000	16000	-38.74	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	16000	19000	-35.92	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	19000	20000	-37.53	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	30	1000	-33.14	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	1000	4000	-38.63	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	4000	7000	-39.08	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	7000	10000	-44.82	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	10000	13000	-42.51	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	13000	16000	-39.68	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	16000	19000	-35.05	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	19000	20000	-35.88	-13	PASS

2	10.0	18900	1880.0	16QAM	1@0	30	1000	-38.49	-13	PASS
2	10.0	18900	1880.0	16QAM	1@0	1000	4000	-38.4	-13	PASS
2	10.0	18900	1880.0	16QAM	1@0	4000	7000	-40.7	-13	PASS
2	10.0	18900	1880.0	16QAM	1@0	7000	10000	-44.24	-13	PASS
2	10.0	18900	1880.0	16QAM	1@0	10000	13000	-42.65	-13	PASS
2	10.0	18900	1880.0	16QAM	1@0	13000	16000	-38.61	-13	PASS
2	10.0	18900	1880.0	16QAM	1@0	16000	19000	-36.15	-13	PASS
2	10.0	18900	1880.0	16QAM	1@0	19000	20000	-37.25	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	30	1000	-36.37	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	1000	4000	-38.45	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	4000	7000	-41.07	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	7000	10000	-44.48	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	10000	13000	-41.87	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	13000	16000	-39.57	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	16000	19000	-36.36	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	19000	20000	-36.59	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	30	1000	-39.76	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	1000	4000	-38.21	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	4000	7000	-41.66	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	7000	10000	-43.83	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	10000	13000	-42.66	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	13000	16000	-38.45	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	16000	19000	-36.54	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	19000	20000	-36.93	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	30	1000	-36.69	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	1000	4000	-38.62	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	4000	7000	-36.34	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	7000	10000	-44.09	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	10000	13000	-42.96	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	13000	16000	-37.96	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	16000	19000	-36.05	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	19000	20000	-36.43	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	30	1000	-34.69	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	1000	4000	-38.27	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	4000	7000	-41.64	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	7000	10000	-44.97	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	10000	13000	-41.82	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	13000	16000	-37.75	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	16000	19000	-36.14	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	19000	20000	-36.09	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	30	1000	-36.67	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	1000	4000	-37.99	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	4000	7000	-41.58	-13	PASS

2	15.0	18900	1880.0	QPSK	1@0	7000	10000	-44.86	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	10000	13000	-41.38	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	13000	16000	-38.64	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	16000	19000	-36.68	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	19000	20000	-36.96	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	30	1000	-40.9	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	1000	4000	-38.42	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	4000	7000	-41.6	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	7000	10000	-44.18	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	10000	13000	-42.51	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	13000	16000	-37.96	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	16000	19000	-36.88	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	19000	20000	-37.22	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	30	1000	-35.92	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	1000	4000	-36.93	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	4000	7000	-41.4	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	7000	10000	-44.51	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	10000	13000	-42.35	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	13000	16000	-39.21	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	16000	19000	-36.65	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	19000	20000	-35.98	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	30	1000	-31.15	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	1000	4000	-38.2	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	4000	7000	-38.74	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	7000	10000	-45.04	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	10000	13000	-42.4	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	13000	16000	-38.99	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	16000	19000	-36.39	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	19000	20000	-36.59	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	30	1000	-36.67	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	1000	4000	-38.13	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	4000	7000	-41.21	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	7000	10000	-44.58	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	10000	13000	-42.16	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	13000	16000	-38.69	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	16000	19000	-36.22	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	19000	20000	-35.23	-13	PASS
2	20.0	18700	1860.0	16QAM	1@0	30	1000	-32.38	-13	PASS
2	20.0	18700	1860.0	16QAM	1@0	1000	4000	-38.57	-13	PASS
2	20.0	18700	1860.0	16QAM	1@0	4000	7000	-41.5	-13	PASS
2	20.0	18700	1860.0	16QAM	1@0	7000	10000	-44.26	-13	PASS
2	20.0	18700	1860.0	16QAM	1@0	10000	13000	-41.44	-13	PASS
2	20.0	18700	1860.0	16QAM	1@0	13000	16000	-38.92	-13	PASS

2	20.0	18700	1860.0	16QAM	1@0	16000	19000	-35.78	-13	PASS
2	20.0	18700	1860.0	16QAM	1@0	19000	20000	-36.53	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	30	1000	-28.98	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	1000	4000	-38.46	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	4000	7000	-40.68	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	7000	10000	-43.93	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	10000	13000	-42.51	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	13000	16000	-38.28	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	16000	19000	-36.8	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	19000	20000	-35.87	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	30	1000	-40.92	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	1000	4000	-37.7	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	4000	7000	-41.67	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	7000	10000	-44.28	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	10000	13000	-41.66	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	13000	16000	-37.53	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	16000	19000	-36.13	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	19000	20000	-35.64	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	30	1000	-35.75	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	1000	4000	-37.39	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	4000	7000	-41.67	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	7000	10000	-44.35	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	10000	13000	-42.06	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	13000	16000	-38.84	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	16000	19000	-36.73	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	19000	20000	-36.55	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	30	1000	-41.04	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	1000	4000	-37.12	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	4000	7000	-41.21	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	7000	10000	-43.67	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	10000	13000	-42.23	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	13000	16000	-38.89	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	16000	19000	-36.36	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	19000	20000	-37.04	-13	PASS













