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2	5.0	18900	1880.0	16QAM	1@0	13000	16000	-37.66	-13	PASS
2	5.0	18900	1880.0	16QAM	1@0	16000	19000	-35.75	-13	PASS
2	5.0	18900	1880.0	16QAM	1@0	19000	20000	-35.78	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	30	1000	-52.1	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	1000	4000	-37.04	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	4000	7000	-41.23	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	7000	10000	-43.89	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	10000	13000	-40.97	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	13000	16000	-37.33	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	16000	19000	-35.26	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	19000	20000	-34.55	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	30	1000	-52.05	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	1000	4000	-37.18	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	4000	7000	-40.04	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	7000	10000	-43.72	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	10000	13000	-41.54	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	13000	16000	-38.11	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	16000	19000	-35.57	-13	PASS
2	5.0	19175	1907.5	16QAM	1@0	19000	20000	-35.58	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	30	1000	-51.7	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	1000	4000	-37.11	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	4000	7000	-40.39	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	7000	10000	-43.87	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	10000	13000	-41.51	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	13000	16000	-38.11	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	16000	19000	-35.3	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	19000	20000	-35.77	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	30	1000	-52.47	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	1000	4000	-37.25	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	4000	7000	-40.3	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	7000	10000	-43.32	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	10000	13000	-41.58	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	13000	16000	-37.61	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	16000	19000	-35.89	-13	PASS
2	10.0	18650	1855.0	16QAM	1@0	19000	20000	-36.06	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	30	1000	-51.94	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	1000	4000	-37.4	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	4000	7000	-40.42	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	7000	10000	-43.98	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	10000	13000	-41.56	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	13000	16000	-37.94	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	16000	19000	-35.16	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	19000	20000	-35.21	-13	PASS



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2	10.0	18900	1880.0	16QAM	1@0	30	1000	-52.16	-13	PASS
2	10.0	18900	1880.0	16QAM	1@0	1000	4000	-37.21	-13	PASS
2	10.0	18900	1880.0	16QAM	1@0	4000	7000	-40.18	-13	PASS
2	10.0	18900	1880.0	16QAM	1@0	7000	10000	-43.54	-13	PASS
2	10.0	18900	1880.0	16QAM	1@0	10000	13000	-41.17	-13	PASS
2	10.0	18900	1880.0	16QAM	1@0	13000	16000	-37.79	-13	PASS
2	10.0	18900	1880.0	16QAM	1@0	16000	19000	-35.83	-13	PASS
2	10.0	18900	1880.0	16QAM	1@0	19000	20000	-35.68	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	30	1000	-52.74	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	1000	4000	-36.37	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	4000	7000	-40.97	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	7000	10000	-43.7	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	10000	13000	-41.43	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	13000	16000	-37.46	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	16000	19000	-35.99	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	19000	20000	-35.36	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	30	1000	-52.55	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	1000	4000	-36.97	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	4000	7000	-40.26	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	7000	10000	-42.94	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	10000	13000	-41.72	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	13000	16000	-37.75	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	16000	19000	-34.4	-13	PASS
2	10.0	19150	1905.0	16QAM	1@0	19000	20000	-34.75	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	30	1000	-52.14	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	1000	4000	-36.61	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	4000	7000	-40.69	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	7000	10000	-43.74	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	10000	13000	-41.28	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	13000	16000	-38.01	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	16000	19000	-35.5	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	19000	20000	-35.71	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	30	1000	-52.94	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	1000	4000	-37.33	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	4000	7000	-40.49	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	7000	10000	-43.78	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	10000	13000	-41.61	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	13000	16000	-38.65	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	16000	19000	-35.47	-13	PASS
2	15.0	18675	1857.5	16QAM	1@0	19000	20000	-34.9	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	30	1000	-52.4	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	1000	4000	-37.04	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	4000	7000	-41.21	-13	PASS



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2	15.0	18900	1880.0	QPSK	1@0	7000	10000	-43.51	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	10000	13000	-41.73	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	13000	16000	-38.22	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	16000	19000	-35.97	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	19000	20000	-36.09	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	30	1000	-52.46	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	1000	4000	-36.28	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	4000	7000	-40.03	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	7000	10000	-43.48	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	10000	13000	-40.65	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	13000	16000	-37.8	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	16000	19000	-35.57	-13	PASS
2	15.0	18900	1880.0	16QAM	1@0	19000	20000	-35.95	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	30	1000	-52.85	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	1000	4000	-37.41	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	4000	7000	-40.89	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	7000	10000	-43.82	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	10000	13000	-41.55	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	13000	16000	-38.24	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	16000	19000	-35.4	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	19000	20000	-35.51	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	30	1000	-50.68	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	1000	4000	-36.85	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	4000	7000	-41.17	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	7000	10000	-43.68	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	10000	13000	-41.94	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	13000	16000	-37.07	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	16000	19000	-35.34	-13	PASS
2	15.0	19125	1902.5	16QAM	1@0	19000	20000	-35.61	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	30	1000	-52.24	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	1000	4000	-36.76	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	4000	7000	-40.81	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	7000	10000	-43.49	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	10000	13000	-41.74	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	13000	16000	-38.04	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	16000	19000	-35.74	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	19000	20000	-35.6	-13	PASS
2	20.0	18700	1860.0	16QAM	1@0	30	1000	-52.74	-13	PASS
2	20.0	18700	1860.0	16QAM	1@0	1000	4000	-37.21	-13	PASS
2	20.0	18700	1860.0	16QAM	1@0	4000	7000	-41.02	-13	PASS
2	20.0	18700	1860.0	16QAM	1@0	7000	10000	-42.66	-13	PASS
2	20.0	18700	1860.0	16QAM	1@0	10000	13000	-41.38	-13	PASS
2	20.0	18700	1860.0	16QAM	1@0	13000	16000	-37.74	-13	PASS



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2	20.0	18700	1860.0	16QAM	1@0	16000	19000	-34.92	-13	PASS
2	20.0	18700	1860.0	16QAM	1@0	19000	20000	-35.87	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	30	1000	-52.91	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	1000	4000	-37.54	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	4000	7000	-40.52	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	7000	10000	-42.99	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	10000	13000	-41.22	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	13000	16000	-38.11	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	16000	19000	-35.73	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	19000	20000	-35.55	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	30	1000	-51.64	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	1000	4000	-37.11	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	4000	7000	-39.64	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	7000	10000	-43.12	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	10000	13000	-40.91	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	13000	16000	-37.52	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	16000	19000	-35.77	-13	PASS
2	20.0	18900	1880.0	16QAM	1@0	19000	20000	-35.82	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	30	1000	-51.98	-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	-40.96	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	7000	10000	-43.98	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	10000	13000	-41.2	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	13000	16000	-38.11	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	16000	19000	-35.55	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	19000	20000	-35.53	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	30	1000	-52.75	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	1000	4000	-37.48	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	4000	7000	-40.82	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	7000	10000	-43.44	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	10000	13000	-41.57	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	13000	16000	-37.46	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	16000	19000	-34.64	-13	PASS
2	20.0	19100	1900.0	16QAM	1@0	19000	20000	-35.74	-13	PASS











