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4	10.0	20175	1732.5	16QAM	1@0	30	1000	-39.89	-13	PASS
4	10.0	20175	1732.5	16QAM	1@0	1000	4000	-38.33	-13	PASS
4	10.0	20175	1732.5	16QAM	1@0	4000	7000	-39.21	-13	PASS
4	10.0	20175	1732.5	16QAM	1@0	7000	10000	-43.91	-13	PASS
4	10.0	20175	1732.5	16QAM	1@0	10000	13000	-41.79	-13	PASS
4	10.0	20175	1732.5	16QAM	1@0	13000	16000	-38.57	-13	PASS
4	10.0	20175	1732.5	16QAM	1@0	16000	19000	-36.75	-13	PASS
4	10.0	20175	1732.5	16QAM	1@0	19000	20000	-35.92	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	30	1000	-39.75	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	1000	4000	-37.52	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	4000	7000	-41.2	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	7000	10000	-44.43	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	10000	13000	-42.48	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	13000	16000	-38.53	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	16000	19000	-36.59	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	19000	20000	-36.81	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	30	1000	-39.51	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	1000	4000	-37.04	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	4000	7000	-35.57	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	7000	10000	-44.64	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	10000	13000	-41.99	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	13000	16000	-37.76	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	16000	19000	-36.09	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	19000	20000	-36.33	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	30	1000	-41.25	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	1000	4000	-37.4	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	4000	7000	-32.38	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	7000	10000	-44.5	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	10000	13000	-42.56	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	13000	16000	-38.33	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	16000	19000	-36.73	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	19000	20000	-36.75	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	30	1000	-40.38	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	1000	4000	-37.85	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	4000	7000	-32.86	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	7000	10000	-44.57	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	10000	13000	-42.36	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	13000	16000	-37.89	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	16000	19000	-34.84	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	19000	20000	-36.8	-13	PASS
4	15.0	20175	1732.5	QPSK	1@0	30	1000	-40.06	-13	PASS
4	15.0	20175	1732.5	QPSK	1@0	1000	4000	-38.07	-13	PASS
4	15.0	20175	1732.5	QPSK	1@0	4000	7000	-41.35	-13	PASS



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4	15.0	20175	1732.5	QPSK	1@0	7000	10000	-44.44	-13	PASS
4	15.0	20175	1732.5	QPSK	1@0	10000	13000	-41.83	-13	PASS
4	15.0	20175	1732.5	QPSK	1@0	13000	16000	-39.06	-13	PASS
4	15.0	20175	1732.5	QPSK	1@0	16000	19000	-36.87	-13	PASS
4	15.0	20175	1732.5	QPSK	1@0	19000	20000	-36.54	-13	PASS
4	15.0	20175	1732.5	16QAM	1@0	30	1000	-38.66	-13	PASS
4	15.0	20175	1732.5	16QAM	1@0	1000	4000	-37.33	-13	PASS
4	15.0	20175	1732.5	16QAM	1@0	4000	7000	-41.75	-13	PASS
4	15.0	20175	1732.5	16QAM	1@0	7000	10000	-43.74	-13	PASS
4	15.0	20175	1732.5	16QAM	1@0	10000	13000	-42.24	-13	PASS
4	15.0	20175	1732.5	16QAM	1@0	13000	16000	-39.09	-13	PASS
4	15.0	20175	1732.5	16QAM	1@0	16000	19000	-35.89	-13	PASS
4	15.0	20175	1732.5	16QAM	1@0	19000	20000	-36.3	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	30	1000	-39.25	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	1000	4000	-38.38	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	4000	7000	-34.85	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	7000	10000	-43.72	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	10000	13000	-41.83	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	13000	16000	-37.71	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	16000	19000	-35.81	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	19000	20000	-36.82	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	30	1000	-40.44	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	1000	4000	-37.58	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	4000	7000	-41.44	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	7000	10000	-44.38	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	10000	13000	-42.18	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	13000	16000	-38.97	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	16000	19000	-36.68	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	19000	20000	-36.31	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	30	1000	-39.3	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	1000	4000	-37.82	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	4000	7000	-32.99	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	7000	10000	-43.99	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	10000	13000	-42.22	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	13000	16000	-38.28	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	16000	19000	-36.39	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	19000	20000	-36.96	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	30	1000	-40.49	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	1000	4000	-37.98	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	4000	7000	-34.67	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	7000	10000	-43.92	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	10000	13000	-42.84	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	13000	16000	-37.46	-13	PASS



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4	20.0	20050	1720.0	16QAM	1@0	16000	19000	-36.09	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	19000	20000	-35.92	-13	PASS
4	20.0	20175	1732.5	QPSK	1@0	30	1000	-40.23	-13	PASS
4	20.0	20175	1732.5	QPSK	1@0	1000	4000	-38.0	-13	PASS
4	20.0	20175	1732.5	QPSK	1@0	4000	7000	-41.66	-13	PASS
4	20.0	20175	1732.5	QPSK	1@0	7000	10000	-44.48	-13	PASS
4	20.0	20175	1732.5	QPSK	1@0	10000	13000	-42.32	-13	PASS
4	20.0	20175	1732.5	QPSK	1@0	13000	16000	-38.36	-13	PASS
4	20.0	20175	1732.5	QPSK	1@0	16000	19000	-36.66	-13	PASS
4	20.0	20175	1732.5	QPSK	1@0	19000	20000	-36.83	-13	PASS
4	20.0	20175	1732.5	16QAM	1@0	30	1000	-39.0	-13	PASS
4	20.0	20175	1732.5	16QAM	1@0	1000	4000	-37.96	-13	PASS
4	20.0	20175	1732.5	16QAM	1@0	4000	7000	-40.8	-13	PASS
4	20.0	20175	1732.5	16QAM	1@0	7000	10000	-44.54	-13	PASS
4	20.0	20175	1732.5	16QAM	1@0	10000	13000	-42.72	-13	PASS
4	20.0	20175	1732.5	16QAM	1@0	13000	16000	-39.37	-13	PASS
4	20.0	20175	1732.5	16QAM	1@0	16000	19000	-36.49	-13	PASS
4	20.0	20175	1732.5	16QAM	1@0	19000	20000	-36.87	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	30	1000	-41.8	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	1000	4000	-38.35	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	4000	7000	-35.99	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	7000	10000	-44.58	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	10000	13000	-42.05	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	13000	16000	-38.92	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	16000	19000	-35.77	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	19000	20000	-36.1	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	30	1000	-40.44	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	1000	4000	-38.97	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	4000	7000	-36.56	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	7000	10000	-44.11	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	10000	13000	-42.55	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	13000	16000	-38.31	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	16000	19000	-35.86	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	19000	20000	-36.76	-13	PASS



























