

Conducted Spurious Emissions

Band	PCC_BW (MHz)	SCC_BW (MHz)	PCC ARFCN	SCC ARFCN	PCC Freq	SCC Freq	PCC_RB	SCC_RB	Modulation	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
CA 5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	QPSK	30	1000	-38.37	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	QPSK	1000	10000	-42.49	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	QPSK	30	1000	-38.62	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	QPSK	1000	10000	-42.34	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	16QAM	30	1000	-38.66	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	16QAM	1000	10000	-43.41	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	16QAM	30	1000	-38.82	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	16QAM	1000	10000	-43.57	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	64QAM	30	1000	-39.14	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	64QAM	1000	10000	-43.34	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	64QAM	30	1000	-37.83	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	64QAM	1000	10000	-43.07	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	256QAM	30	1000	-39.23	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	256QAM	1000	10000	-43.12	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	256QAM	30	1000	-38.83	-13	PASS
CA 5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	256QAM	1000	10000	-42.21	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	QPSK	30	1000	-39.27	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	QPSK	1000	10000	-43.27	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	QPSK	30	1000	-39.66	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	QPSK	1000	10000	-43.18	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	16QAM	30	1000	-39.59	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	16QAM	1000	10000	-42.52	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	16QAM	30	1000	-37.33	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	16QAM	1000	10000	-42.91	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	64QAM	30	1000	-38.32	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	64QAM	1000	10000	-43.4	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	64QAM	30	1000	-39.24	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	64QAM	1000	10000	-43.34	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	256QAM	30	1000	-39.12	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	256QAM	1000	10000	-43.32	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	256QAM	30	1000	-39.43	-13	PASS
CA 5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	256QAM	1000	10000	-43.36	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	QPSK	30	1000	-39.29	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	QPSK	1000	10000	-42.64	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	QPSK	30	1000	-39.85	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	QPSK	1000	10000	-42.48	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	16QAM	30	1000	-40.03	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	16QAM	1000	10000	-43.29	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	16QAM	30	1000	-39.59	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	16QAM	1000	10000	-42.9	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	64QAM	30	1000	-37.76	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	64QAM	1000	10000	-42.81	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	64QAM	30	1000	-39.66	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	64QAM	1000	10000	-42.61	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	256QAM	30	1000	-38.03	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	256QAM	1000	10000	-43.18	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	256QAM	30	1000	-39.43	-13	PASS
CA 5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	256QAM	1000	10000	-42.36	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	QPSK	30	1000	-40.33	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	QPSK	1000	10000	-42.96	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	QPSK	30	1000	-40.13	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	QPSK	1000	10000	-42.7	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	16QAM	30	1000	-39.14	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	16QAM	1000	10000	-43.34	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	16QAM	30	1000	-39.17	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	16QAM	1000	10000	-41.75	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	64QAM	30	1000	-39.4	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	64QAM	1000	10000	-42.83	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	64QAM	30	1000	-39.54	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	64QAM	1000	10000	-43.76	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	256QAM	30	1000	-39.78	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	256QAM	1000	10000	-43.95	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	256QAM	30	1000	-40.12	-13	PASS
CA 5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	256QAM	1000	10000	-42.28	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	QPSK	30	1000	-37.72	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	QPSK	1000	10000	-43.2	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	QPSK	30	1000	-38.08	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	QPSK	1000	10000	-42.76	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	16QAM	30	1000	-38.38	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	16QAM	1000	10000	-43.09	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	16QAM	30	1000	-38.64	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	16QAM	1000	10000	-42.87	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	64QAM	30	1000	-38.48	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	64QAM	1000	10000	-42.67	-13	PASS

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CA 5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	64QAM	30	1000	-39.09	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	64QAM	1000	10000	-42.87	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	256QAM	30	1000	-39.85	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	256QAM	1000	10000	-42.5	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	256QAM	30	1000	-39.21	-13	PASS
CA 5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	256QAM	1000	10000	-43.42	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	QPSK	30	1000	-39.09	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	QPSK	1000	10000	-43.31	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	QPSK	30	1000	-37.87	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	QPSK	1000	10000	-43.44	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	16QAM	30	1000	-39.36	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	16QAM	1000	10000	-43.25	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	16QAM	30	1000	-38.6	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	16QAM	1000	10000	-43.32	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	64QAM	30	1000	-38.34	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	64QAM	1000	10000	-43.19	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	64QAM	30	1000	-38.94	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	64QAM	1000	10000	-42.73	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	256QAM	30	1000	-38.56	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	256QAM	1000	10000	-42.72	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	256QAM	30	1000	-39.35	-13	PASS
CA 5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	256QAM	1000	10000	-42.91	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	QPSK	30	1000	-38.82	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	QPSK	1000	10000	-43.05	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	QPSK	30	1000	-40.06	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	QPSK	1000	10000	-42.55	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	16QAM	30	1000	-39.57	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	16QAM	1000	10000	-42.72	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	16QAM	30	1000	-39.25	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	16QAM	1000	10000	-43.52	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	64QAM	30	1000	-39.45	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	64QAM	1000	10000	-42.83	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	64QAM	30	1000	-39.93	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	64QAM	1000	10000	-42.82	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	256QAM	30	1000	-39.78	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	256QAM	1000	10000	-43.07	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	256QAM	30	1000	-38.86	-13	PASS
CA 5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	256QAM	1000	10000	-42.58	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	QPSK	30	1000	-40.32	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	QPSK	1000	10000	-43.0	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	QPSK	30	1000	-39.47	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	QPSK	1000	10000	-42.38	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	16QAM	30	1000	-40.0	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	16QAM	1000	10000	-43.21	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	16QAM	30	1000	-40.08	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	16QAM	1000	10000	-42.6	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	64QAM	30	1000	-39.16	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	64QAM	1000	10000	-43.43	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	64QAM	30	1000	-40.0	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	64QAM	1000	10000	-42.53	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	256QAM	30	1000	-39.55	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	256QAM	1000	10000	-42.85	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	256QAM	30	1000	-39.78	-13	PASS
CA 5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	256QAM	1000	10000	-42.49	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	QPSK	30	1000	-37.78	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	QPSK	1000	10000	-42.81	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	QPSK	30	1000	-38.72	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	QPSK	1000	10000	-42.63	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	16QAM	30	1000	-39.22	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	16QAM	1000	10000	-42.68	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	16QAM	30	1000	-38.75	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	16QAM	1000	10000	-43.6	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	64QAM	30	1000	-39.44	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	64QAM	1000	10000	-43.26	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	64QAM	30	1000	-38.98	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	64QAM	1000	10000	-43.33	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	256QAM	30	1000	-38.82	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	256QAM	1000	10000	-42.87	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	256QAM	30	1000	-39.55	-13	PASS
CA 5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	256QAM	1000	10000	-42.43	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	QPSK	30	1000	-39.23	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	QPSK	1000	10000	-43.72	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	QPSK	30	1000	-39.04	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	QPSK	1000	10000	-42.99	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	16QAM	30	1000	-38.71	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	16QAM	1000	10000	-42.95	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	16QAM	30	1000	-39.29	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	16QAM	1000	10000	-42.85	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	64QAM	30	1000	-38.68	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	64QAM	1000	10000	-42.79	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	64QAM	30	1000	-38.49	-13	PASS

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CA 5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	64QAM	1000	10000	-42.78	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	256QAM	30	1000	-38.58	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	256QAM	1000	10000	-43.26	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	256QAM	30	1000	-38.19	-13	PASS
CA 5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	256QAM	1000	10000	-42.54	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	QPSK	30	1000	-39.24	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	QPSK	1000	10000	-42.52	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	QPSK	30	1000	-38.35	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	QPSK	1000	10000	-43.38	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	16QAM	30	1000	-38.91	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	16QAM	1000	10000	-43.0	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	16QAM	30	1000	-39.65	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	16QAM	1000	10000	-43.1	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	64QAM	30	1000	-40.06	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	64QAM	1000	10000	-43.42	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	64QAM	30	1000	-39.37	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	64QAM	1000	10000	-42.91	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	256QAM	30	1000	-39.93	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	256QAM	1000	10000	-43.38	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	256QAM	30	1000	-39.48	-13	PASS
CA 5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	256QAM	1000	10000	-43.45	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	QPSK	30	1000	-39.61	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	QPSK	1000	10000	-42.29	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	QPSK	30	1000	-39.86	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	QPSK	1000	10000	-43.08	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	16QAM	30	1000	-39.99	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	16QAM	1000	10000	-42.92	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	16QAM	30	1000	-39.4	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	16QAM	1000	10000	-43.13	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	64QAM	30	1000	-39.03	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	64QAM	1000	10000	-42.89	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	64QAM	30	1000	-39.24	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	64QAM	1000	10000	-41.58	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	256QAM	30	1000	-38.85	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	256QAM	1000	10000	-42.53	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	256QAM	30	1000	-40.0	-13	PASS
CA 5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	256QAM	1000	10000	-43.16	-13	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	QPSK	30	1000	-48.65	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	QPSK	1000	27000	-40.61	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	QPSK	30	1000	-48.89	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	QPSK	1000	27000	-41.65	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	16QAM	30	1000	-49.48	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	16QAM	1000	27000	-41.21	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	16QAM	30	1000	-48.46	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	16QAM	1000	27000	-41.3	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	64QAM	30	1000	-48.58	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	64QAM	1000	27000	-41.05	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	64QAM	30	1000	-49.1	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	64QAM	1000	27000	-41.68	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	256QAM	30	1000	-48.88	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	256QAM	1000	27000	-41.51	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	256QAM	30	1000	-49.07	-25	PASS
CA 7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	256QAM	1000	27000	-41.15	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	QPSK	30	1000	-48.88	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	QPSK	1000	27000	-41.46	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	QPSK	30	1000	-49.13	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	QPSK	1000	27000	-41.47	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	16QAM	30	1000	-49.15	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	16QAM	1000	27000	-41.73	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	16QAM	30	1000	-48.75	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	16QAM	1000	27000	-41.51	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	64QAM	30	1000	-49.09	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	64QAM	1000	27000	-41.11	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	64QAM	30	1000	-48.12	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	64QAM	1000	27000	-41.25	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	256QAM	30	1000	-48.5	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	256QAM	1000	27000	-40.74	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	256QAM	30	1000	-49.15	-25	PASS
CA 7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	256QAM	1000	27000	-41.71	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	QPSK	30	1000	-48.97	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	QPSK	1000	27000	-41.73	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	QPSK	30	1000	-49.01	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	QPSK	1000	27000	-41.85	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	16QAM	30	1000	-49.47	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	16QAM	1000	27000	-41.04	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	16QAM	30	1000	-49.06	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	16QAM	1000	27000	-42.09	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	64QAM	30	1000	-49.28	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	64QAM	1000	27000	-41.71	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	64QAM	30	1000	-47.43	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	64QAM	1000	27000	-41.83	-25	PASS

CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	256QAM	30	1000	-48.66	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	256QAM	1000	27000	-41.68	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	256QAM	30	1000	-49.47	-25	PASS
CA 7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	256QAM	1000	27000	-41.57	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	QPSK	30	1000	-49.09	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	QPSK	1000	27000	-41.14	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	QPSK	30	1000	-49.06	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	QPSK	1000	27000	-41.46	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	16QAM	30	1000	-48.76	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	16QAM	1000	27000	-40.86	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	16QAM	30	1000	-49.32	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	16QAM	1000	27000	-41.02	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	64QAM	30	1000	-49.11	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	64QAM	1000	27000	-41.33	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	64QAM	30	1000	-48.27	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	64QAM	1000	27000	-41.9	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	256QAM	30	1000	-48.81	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	256QAM	1000	27000	-41.34	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	256QAM	30	1000	-48.71	-25	PASS
CA 7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	256QAM	1000	27000	-41.35	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	QPSK	30	1000	-48.82	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	QPSK	1000	27000	-41.01	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	QPSK	30	1000	-47.87	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	QPSK	1000	27000	-41.9	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	16QAM	30	1000	-49.59	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	16QAM	1000	27000	-41.41	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	16QAM	30	1000	-48.84	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	16QAM	1000	27000	-41.54	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	64QAM	30	1000	-49.13	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	64QAM	1000	27000	-41.01	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	64QAM	30	1000	-47.99	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	64QAM	1000	27000	-41.9	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	256QAM	30	1000	-49.23	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	256QAM	1000	27000	-41.84	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	256QAM	30	1000	-48.42	-25	PASS
CA 7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	256QAM	1000	27000	-41.73	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	QPSK	30	1000	-48.83	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	QPSK	1000	27000	-41.46	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	QPSK	30	1000	-47.77	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	QPSK	1000	27000	-41.25	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	16QAM	30	1000	-49.11	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	16QAM	1000	27000	-41.29	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	16QAM	30	1000	-48.74	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	16QAM	1000	27000	-41.09	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	64QAM	30	1000	-49.21	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	64QAM	1000	27000	-40.92	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	64QAM	30	1000	-48.01	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	64QAM	1000	27000	-41.43	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	256QAM	30	1000	-49.14	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	256QAM	1000	27000	-41.27	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	256QAM	30	1000	-48.77	-25	PASS
CA 7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	256QAM	1000	27000	-40.54	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	QPSK	30	1000	-48.6	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	QPSK	1000	27000	-41.46	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	QPSK	30	1000	-48.73	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	QPSK	1000	27000	-40.71	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	16QAM	30	1000	-49.16	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	16QAM	1000	27000	-41.02	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	16QAM	30	1000	-48.85	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	16QAM	1000	27000	-41.31	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	64QAM	30	1000	-48.44	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	64QAM	1000	27000	-41.51	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	64QAM	30	1000	-47.4	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	64QAM	1000	27000	-41.34	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	256QAM	30	1000	-48.15	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	256QAM	1000	27000	-41.88	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	256QAM	30	1000	-49.27	-25	PASS
CA 7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	256QAM	1000	27000	-41.13	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	QPSK	30	1000	-48.18	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	QPSK	1000	27000	-41.85	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	QPSK	30	1000	-48.17	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	QPSK	1000	27000	-41.57	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	16QAM	30	1000	-49.11	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	16QAM	1000	27000	-41.21	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	16QAM	30	1000	-49.3	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	16QAM	1000	27000	-41.98	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	64QAM	30	1000	-48.95	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	64QAM	1000	27000	-40.45	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	64QAM	30	1000	-48.48	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	64QAM	1000	27000	-41.93	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	256QAM	30	1000	-49.26	-25	PASS

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CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	256QAM	1000	27000	-40.88	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	256QAM	30	1000	-49.21	-25	PASS
CA 7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	256QAM	1000	27000	-41.35	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	QPSK	30	1000	-49.99	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	QPSK	1000	27000	-41.58	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	QPSK	30	1000	-48.71	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	QPSK	1000	27000	-41.12	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	16QAM	30	1000	-47.74	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	16QAM	1000	27000	-41.36	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	16QAM	30	1000	-49.14	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	16QAM	1000	27000	-41.36	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	64QAM	30	1000	-49.02	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	64QAM	1000	27000	-41.44	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	64QAM	30	1000	-48.24	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	64QAM	1000	27000	-41.05	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	256QAM	30	1000	-49.15	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	256QAM	1000	27000	-41.4	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	256QAM	30	1000	-48.18	-25	PASS
CA 7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	256QAM	1000	27000	-41.57	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	QPSK	30	1000	-48.79	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	QPSK	1000	27000	-41.22	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	QPSK	30	1000	-47.82	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	QPSK	1000	27000	-41.6	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	16QAM	30	1000	-47.87	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	16QAM	1000	27000	-41.07	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	16QAM	30	1000	-47.86	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	16QAM	1000	27000	-41.61	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	64QAM	30	1000	-47.65	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	64QAM	1000	27000	-41.74	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	64QAM	30	1000	-49.02	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	64QAM	1000	27000	-41.08	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	256QAM	30	1000	-48.89	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	256QAM	1000	27000	-41.89	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	256QAM	30	1000	-49.16	-25	PASS
CA 7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	256QAM	1000	27000	-41.35	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	QPSK	30	1000	-48.98	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	QPSK	1000	27000	-41.33	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	QPSK	30	1000	-48.41	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	QPSK	1000	27000	-41.69	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	16QAM	30	1000	-48.72	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	16QAM	1000	27000	-41.86	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	16QAM	30	1000	-47.23	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	16QAM	1000	27000	-41.47	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	64QAM	30	1000	-48.69	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	64QAM	1000	27000	-40.94	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	64QAM	30	1000	-48.75	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	64QAM	1000	27000	-40.31	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	256QAM	30	1000	-48.96	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	256QAM	1000	27000	-41.86	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	256QAM	30	1000	-47.54	-25	PASS
CA 7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	256QAM	1000	27000	-41.63	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	QPSK	30	1000	-49.03	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	QPSK	1000	27000	-41.74	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	QPSK	30	1000	-49.37	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	QPSK	1000	27000	-40.58	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	16QAM	30	1000	-48.87	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	16QAM	1000	27000	-41.44	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	16QAM	30	1000	-48.66	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	16QAM	1000	27000	-41.19	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	64QAM	30	1000	-48.49	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	64QAM	1000	27000	-40.73	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	64QAM	30	1000	-48.65	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	64QAM	1000	27000	-41.45	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	256QAM	30	1000	-47.78	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	256QAM	1000	27000	-41.93	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	256QAM	30	1000	-49.37	-25	PASS
CA 7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	256QAM	1000	27000	-41.6	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	QPSK	30	1000	-48.48	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	QPSK	1000	27000	-41.4	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	QPSK	30	1000	-48.79	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	QPSK	1000	27000	-42.13	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	16QAM	30	1000	-49.6	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	16QAM	1000	27000	-42.06	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	16QAM	30	1000	-49.41	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	16QAM	1000	27000	-40.78	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	64QAM	30	1000	-49.11	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	64QAM	1000	27000	-40.89	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	64QAM	30	1000	-49.2	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	64QAM	1000	27000	-41.35	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	256QAM	30	1000	-49.02	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	256QAM	1000	27000	-41.62	-25	PASS

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CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	256QAM	30	1000	-49.05	-25	PASS
CA 7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	256QAM	1000	27000	-41.16	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	QPSK	30	1000	-48.67	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	QPSK	1000	27000	-41.34	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	QPSK	30	1000	-48.57	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	QPSK	1000	27000	-41.99	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	16QAM	30	1000	-48.34	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	16QAM	1000	27000	-41.49	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	16QAM	30	1000	-48.65	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	16QAM	1000	27000	-41.37	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	64QAM	30	1000	-49.23	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	64QAM	1000	27000	-41.55	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	64QAM	30	1000	-48.39	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	64QAM	1000	27000	-40.87	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	256QAM	30	1000	-49.46	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	256QAM	1000	27000	-40.73	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	256QAM	30	1000	-48.69	-25	PASS
CA 7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	256QAM	1000	27000	-40.8	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	QPSK	30	1000	-48.34	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	QPSK	1000	27000	-40.95	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	QPSK	30	1000	-48.77	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	QPSK	1000	27000	-41.66	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	16QAM	30	1000	-48.36	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	16QAM	1000	27000	-41.17	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	16QAM	30	1000	-49.11	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	16QAM	1000	27000	-41.57	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	64QAM	30	1000	-48.16	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	64QAM	1000	27000	-40.3	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	64QAM	30	1000	-49.08	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	64QAM	1000	27000	-40.71	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	256QAM	30	1000	-49.26	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	256QAM	1000	27000	-41.97	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	256QAM	30	1000	-48.72	-25	PASS
CA 7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	256QAM	1000	27000	-41.09	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	QPSK	30	1000	-49.35	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	QPSK	1000	27000	-41.58	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	QPSK	30	1000	-49.43	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	QPSK	1000	27000	-40.88	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	16QAM	30	1000	-48.61	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	16QAM	1000	27000	-41.74	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	16QAM	30	1000	-48.61	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	16QAM	1000	27000	-41.97	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	64QAM	30	1000	-48.7	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	64QAM	1000	27000	-42.25	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	64QAM	30	1000	-48.74	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	64QAM	1000	27000	-40.56	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	256QAM	30	1000	-49.25	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	256QAM	1000	27000	-40.79	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	256QAM	30	1000	-49.34	-25	PASS
CA 7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	256QAM	1000	27000	-41.06	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	QPSK	30	1000	-49.43	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	QPSK	1000	27000	-42.2	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	QPSK	30	1000	-48.64	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	QPSK	1000	27000	-41.49	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	16QAM	30	1000	-48.39	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	16QAM	1000	27000	-41.62	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	16QAM	30	1000	-48.91	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	16QAM	1000	27000	-41.52	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	64QAM	30	1000	-47.85	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	64QAM	1000	27000	-41.06	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	64QAM	30	1000	-49.54	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	64QAM	1000	27000	-41.52	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	256QAM	30	1000	-49.0	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	256QAM	1000	27000	-41.76	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	256QAM	30	1000	-48.64	-25	PASS
CA 7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	256QAM	1000	27000	-41.68	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	QPSK	30	1000	-47.98	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	QPSK	1000	27000	-40.48	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	QPSK	30	1000	-49.52	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	QPSK	1000	27000	-40.97	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	16QAM	30	1000	-49.32	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	16QAM	1000	27000	-41.98	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	16QAM	30	1000	-48.07	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	16QAM	1000	27000	-41.67	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	64QAM	30	1000	-48.21	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	64QAM	1000	27000	-42.05	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	64QAM	30	1000	-48.31	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	64QAM	1000	27000	-42.13	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	256QAM	30	1000	-48.96	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	256QAM	1000	27000	-41.54	-25	PASS
CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	256QAM	30	1000	-49.23	-25	PASS

CA 7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	256QAM	1000	27000	-41.9	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	QPSK	30	1000	-48.8	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	QPSK	1000	27000	-41.33	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	QPSK	30	1000	-48.73	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	QPSK	1000	27000	-42.11	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	16QAM	30	1000	-49.07	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	16QAM	1000	27000	-41.87	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	16QAM	30	1000	-47.95	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	16QAM	1000	27000	-40.86	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	64QAM	30	1000	-48.45	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	64QAM	1000	27000	-41.64	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	64QAM	30	1000	-48.57	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	64QAM	1000	27000	-41.56	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	256QAM	30	1000	-48.98	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	256QAM	1000	27000	-41.47	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	256QAM	30	1000	-48.77	-25	PASS
CA 38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	256QAM	1000	27000	-41.66	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	QPSK	30	1000	-48.56	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	QPSK	1000	27000	-35.69	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	QPSK	30	1000	-48.76	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	QPSK	1000	27000	-41.79	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	16QAM	30	1000	-49.33	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	16QAM	1000	27000	-41.11	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	16QAM	30	1000	-48.18	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	16QAM	1000	27000	-34.47	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	64QAM	30	1000	-48.34	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	64QAM	1000	27000	-41.66	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	64QAM	30	1000	-49.22	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	64QAM	1000	27000	-41.04	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	256QAM	30	1000	-49.28	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	256QAM	1000	27000	-41.74	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	256QAM	30	1000	-48.84	-25	PASS
CA 38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	256QAM	1000	27000	-41.23	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	QPSK	30	1000	-48.77	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	QPSK	1000	27000	-40.64	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	QPSK	30	1000	-49.46	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	QPSK	1000	27000	-39.91	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	16QAM	30	1000	-48.51	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	16QAM	1000	27000	-37.87	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	16QAM	30	1000	-48.74	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	16QAM	1000	27000	-39.58	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	64QAM	30	1000	-49.37	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	64QAM	1000	27000	-41.7	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	64QAM	30	1000	-48.62	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	64QAM	1000	27000	-41.79	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	256QAM	30	1000	-48.34	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	256QAM	1000	27000	-41.07	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	256QAM	30	1000	-48.98	-25	PASS
CA 38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	256QAM	1000	27000	-40.97	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	QPSK	30	1000	-48.74	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	QPSK	1000	27000	-41.07	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	QPSK	30	1000	-48.52	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	QPSK	1000	27000	-40.84	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	16QAM	30	1000	-48.66	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	16QAM	1000	27000	-41.93	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	16QAM	30	1000	-48.76	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	16QAM	1000	27000	-38.96	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	64QAM	30	1000	-49.13	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	64QAM	1000	27000	-30.01	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	64QAM	30	1000	-47.99	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	64QAM	1000	27000	-41.23	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	256QAM	30	1000	-49.37	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	256QAM	1000	27000	-42.22	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	256QAM	30	1000	-49.32	-25	PASS
CA 38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	256QAM	1000	27000	-41.14	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	QPSK	30	1000	-48.8	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	QPSK	1000	27000	-41.75	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	QPSK	30	1000	-49.31	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	QPSK	1000	27000	-41.54	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	16QAM	30	1000	-48.02	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	16QAM	1000	27000	-40.46	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	16QAM	30	1000	-48.5	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	16QAM	1000	27000	-40.84	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	64QAM	30	1000	-47.05	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	64QAM	1000	27000	-41.77	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	64QAM	30	1000	-49.13	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	64QAM	1000	27000	-41.79	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	256QAM	30	1000	-49.21	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	256QAM	1000	27000	-41.83	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	256QAM	30	1000	-48.6	-25	PASS
CA 38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	256QAM	1000	27000	-41.63	-25	PASS

CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	QPSK	30	1000	-48.71	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	QPSK	1000	27000	-41.35	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	QPSK	30	1000	-48.41	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	QPSK	1000	27000	-40.59	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	16QAM	30	1000	-48.3	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	16QAM	1000	27000	-35.71	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	16QAM	30	1000	-49.23	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	16QAM	1000	27000	-41.67	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	64QAM	30	1000	-49.42	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	64QAM	1000	27000	-41.35	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	64QAM	30	1000	-48.63	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	64QAM	1000	27000	-41.4	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	256QAM	30	1000	-47.54	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	256QAM	1000	27000	-42.12	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	256QAM	30	1000	-49.31	-25	PASS
CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	256QAM	1000	27000	-40.84	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	QPSK	30	1000	-48.26	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	QPSK	1000	27000	-41.2	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	QPSK	30	1000	-48.15	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	QPSK	1000	27000	-41.82	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	16QAM	30	1000	-49.4	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	16QAM	1000	27000	-41.33	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	16QAM	30	1000	-48.71	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	16QAM	1000	27000	-41.87	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	64QAM	30	1000	-47.75	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	64QAM	1000	27000	-41.62	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	64QAM	30	1000	-49.17	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	64QAM	1000	27000	-40.86	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	256QAM	30	1000	-49.15	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	256QAM	1000	27000	-41.69	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	256QAM	30	1000	-48.88	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	256QAM	1000	27000	-41.74	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	QPSK	30	1000	-48.93	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	QPSK	1000	27000	-41.5	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	QPSK	30	1000	-48.35	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	QPSK	1000	27000	-41.96	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	16QAM	30	1000	-49.21	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	16QAM	1000	27000	-40.98	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	16QAM	30	1000	-49.13	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	16QAM	1000	27000	-41.52	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	64QAM	30	1000	-48.35	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	64QAM	1000	27000	-41.34	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	64QAM	30	1000	-48.7	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	64QAM	1000	27000	-41.43	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	256QAM	30	1000	-49.24	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	256QAM	1000	27000	-33.62	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	256QAM	30	1000	-47.89	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	256QAM	1000	27000	-42.01	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	QPSK	30	1000	-49.3	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	QPSK	1000	27000	-41.31	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	QPSK	30	1000	-49.08	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	QPSK	1000	27000	-40.63	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	16QAM	30	1000	-48.77	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	16QAM	1000	27000	-41.16	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	16QAM	30	1000	-47.47	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	16QAM	1000	27000	-41.74	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	64QAM	30	1000	-48.52	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	64QAM	1000	27000	-41.9	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	64QAM	30	1000	-48.95	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	64QAM	1000	27000	-40.52	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	256QAM	30	1000	-48.12	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	256QAM	1000	27000	-41.65	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	256QAM	30	1000	-49.25	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	256QAM	1000	27000	-41.94	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	QPSK	30	1000	-48.03	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	QPSK	1000	27000	-41.64	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	QPSK	30	1000	-48.89	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	QPSK	1000	27000	-41.07	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	16QAM	30	1000	-48.74	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	16QAM	1000	27000	-40.7	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	16QAM	30	1000	-49.19	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	16QAM	1000	27000	-41.39	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	64QAM	30	1000	-48.49	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	64QAM	1000	27000	-41.92	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	64QAM	30	1000	-48.73	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	64QAM	1000	27000	-40.49	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	256QAM	30	1000	-48.95	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	256QAM	1000	27000	-41.12	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	256QAM	30	1000	-48.55	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	256QAM	1000	27000	-41.75	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	QPSK	30	1000	-49.55	-25	PASS

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CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	QPSK	1000	27000	-41.75	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	QPSK	30	1000	-47.79	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	QPSK	1000	27000	-40.93	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	16QAM	30	1000	-49.21	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	16QAM	1000	27000	-42.14	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	16QAM	30	1000	-48.63	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	16QAM	1000	27000	-41.34	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	64QAM	30	1000	-49.1	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	64QAM	1000	27000	-41.55	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	64QAM	30	1000	-49.13	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	64QAM	1000	27000	-41.73	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	256QAM	30	1000	-48.99	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	256QAM	1000	27000	-41.6	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	256QAM	30	1000	-48.48	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	256QAM	1000	27000	-39.83	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	QPSK	30	1000	-48.92	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	QPSK	1000	27000	-31.93	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	QPSK	30	1000	-49.33	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	QPSK	1000	27000	-40.26	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	16QAM	30	1000	-48.53	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	16QAM	1000	27000	-40.98	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	16QAM	30	1000	-48.84	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	16QAM	1000	27000	-41.55	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	64QAM	30	1000	-49.23	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	64QAM	1000	27000	-40.8	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	64QAM	30	1000	-48.29	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	64QAM	1000	27000	-41.35	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	256QAM	30	1000	-47.11	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	256QAM	1000	27000	-41.41	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	256QAM	30	1000	-48.91	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	256QAM	1000	27000	-41.7	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	QPSK	30	1000	-48.96	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	QPSK	1000	27000	-39.88	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	QPSK	30	1000	-48.58	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	QPSK	1000	27000	-41.72	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	16QAM	30	1000	-48.77	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	16QAM	1000	27000	-40.72	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	16QAM	30	1000	-48.21	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	16QAM	1000	27000	-39.05	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	64QAM	30	1000	-48.71	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	64QAM	1000	27000	-41.8	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	64QAM	30	1000	-47.9	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	64QAM	1000	27000	-41.09	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	256QAM	30	1000	-48.47	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	256QAM	1000	27000	-41.69	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	256QAM	30	1000	-48.56	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	256QAM	1000	27000	-39.36	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	QPSK	30	1000	-49.02	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	QPSK	1000	27000	-40.96	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	QPSK	30	1000	-48.43	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	QPSK	1000	27000	-37.09	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	16QAM	30	1000	-48.15	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	16QAM	1000	27000	-41.48	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	16QAM	30	1000	-49.07	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	16QAM	1000	27000	-41.4	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	64QAM	30	1000	-48.25	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	64QAM	1000	27000	-40.89	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	64QAM	30	1000	-49.29	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	64QAM	1000	27000	-37.52	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	256QAM	30	1000	-49.46	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	256QAM	1000	27000	-41.46	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	256QAM	30	1000	-49.28	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	256QAM	1000	27000	-41.5	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	QPSK	30	1000	-49.31	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	QPSK	1000	27000	-40.81	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	QPSK	30	1000	-48.73	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	QPSK	1000	27000	-41.67	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	16QAM	30	1000	-49.36	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	16QAM	1000	27000	-41.38	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	16QAM	30	1000	-48.78	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	16QAM	1000	27000	-41.8	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	64QAM	30	1000	-49.49	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	64QAM	1000	27000	-40.98	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	64QAM	30	1000	-48.64	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	64QAM	1000	27000	-41.61	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	256QAM	30	1000	-49.38	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	256QAM	1000	27000	-41.44	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	256QAM	30	1000	-48.76	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	256QAM	1000	27000	-40.98	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	QPSK	30	1000	-48.54	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	QPSK	1000	27000	-41.68	-25	PASS

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CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	QPSK	30	1000	-49.07	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	QPSK	1000	27000	-41.73	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	16QAM	30	1000	-47.09	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	16QAM	1000	27000	-41.85	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	16QAM	30	1000	-49.17	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	16QAM	1000	27000	-41.39	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	64QAM	30	1000	-48.99	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	64QAM	1000	27000	-41.78	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	64QAM	30	1000	-48.26	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	64QAM	1000	27000	-40.66	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	256QAM	30	1000	-49.28	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	256QAM	1000	27000	-41.27	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	256QAM	30	1000	-48.59	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	256QAM	1000	27000	-41.99	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	QPSK	30	1000	-47.34	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	QPSK	1000	27000	-41.03	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	QPSK	30	1000	-48.31	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	QPSK	1000	27000	-41.03	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	16QAM	30	1000	-48.88	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	16QAM	1000	27000	-41.78	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	16QAM	30	1000	-47.72	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	16QAM	1000	27000	-40.6	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	64QAM	30	1000	-49.12	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	64QAM	1000	27000	-42.09	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	64QAM	30	1000	-49.26	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	64QAM	1000	27000	-41.74	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	256QAM	30	1000	-48.41	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	256QAM	1000	27000	-40.91	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	256QAM	30	1000	-49.26	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	256QAM	1000	27000	-41.76	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	QPSK	30	1000	-48.69	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	QPSK	1000	27000	-41.72	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	QPSK	30	1000	-48.16	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	QPSK	1000	27000	-41.86	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	16QAM	30	1000	-48.76	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	16QAM	1000	27000	-41.47	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	16QAM	30	1000	-48.57	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	16QAM	1000	27000	-42.08	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	64QAM	30	1000	-48.9	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	64QAM	1000	27000	-38.75	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	64QAM	30	1000	-48.25	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	64QAM	1000	27000	-41.71	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	256QAM	30	1000	-48.46	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	256QAM	1000	27000	-41.15	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	256QAM	30	1000	-48.48	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	256QAM	1000	27000	-40.28	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	QPSK	30	1000	-49.39	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	QPSK	1000	27000	-41.69	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	QPSK	30	1000	-49.52	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	QPSK	1000	27000	-41.07	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	16QAM	30	1000	-49.13	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	16QAM	1000	27000	-41.86	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	16QAM	30	1000	-48.17	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	16QAM	1000	27000	-41.59	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	64QAM	30	1000	-49.15	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	64QAM	1000	27000	-39.07	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	64QAM	30	1000	-48.56	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	64QAM	1000	27000	-42.01	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	256QAM	30	1000	-48.4	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	256QAM	1000	27000	-41.47	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	256QAM	30	1000	-48.46	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	256QAM	1000	27000	-41.61	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	QPSK	30	1000	-48.99	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	QPSK	1000	27000	-41.87	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	QPSK	30	1000	-48.95	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	QPSK	1000	27000	-41.02	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	16QAM	30	1000	-48.65	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	16QAM	1000	27000	-41.82	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	16QAM	30	1000	-49.18	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	16QAM	1000	27000	-41.1	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	64QAM	30	1000	-49.24	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	64QAM	1000	27000	-41.49	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	64QAM	30	1000	-47.84	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	64QAM	1000	27000	-41.19	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	256QAM	30	1000	-48.71	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	256QAM	1000	27000	-41.71	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	256QAM	30	1000	-47.74	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	256QAM	1000	27000	-39.14	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	QPSK	30	1000	-48.85	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	QPSK	1000	27000	-41.59	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	QPSK	30	1000	-48.81	-25	PASS

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CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	QPSK	1000	27000	-41.79	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	16QAM	30	1000	-49.57	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	16QAM	1000	27000	-41.81	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	16QAM	30	1000	-48.63	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	16QAM	1000	27000	-41.81	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	64QAM	30	1000	-48.41	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	64QAM	1000	27000	-41.68	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	64QAM	30	1000	-48.78	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	64QAM	1000	27000	-41.06	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	256QAM	30	1000	-48.26	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	256QAM	1000	27000	-41.44	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	256QAM	30	1000	-49.06	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	256QAM	1000	27000	-41.05	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	QPSK	30	1000	-48.64	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	QPSK	1000	27000	-41.13	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	QPSK	30	1000	-48.72	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	QPSK	1000	27000	-41.29	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	16QAM	30	1000	-48.96	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	16QAM	1000	27000	-40.76	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	16QAM	30	1000	-48.62	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	16QAM	1000	27000	-40.77	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	64QAM	30	1000	-49.36	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	64QAM	1000	27000	-41.71	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	64QAM	30	1000	-49.18	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	64QAM	1000	27000	-41.49	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	256QAM	30	1000	-49.26	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	256QAM	1000	27000	-41.59	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	256QAM	30	1000	-48.15	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	256QAM	1000	27000	-41.51	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	QPSK	30	1000	-49.2	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	QPSK	1000	27000	-41.38	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	QPSK	30	1000	-48.49	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	QPSK	1000	27000	-41.3	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	16QAM	30	1000	-49.0	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	16QAM	1000	27000	-40.6	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	16QAM	30	1000	-49.37	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	16QAM	1000	27000	-41.84	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	64QAM	30	1000	-48.23	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	64QAM	1000	27000	-40.25	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	64QAM	30	1000	-47.8	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	64QAM	1000	27000	-40.45	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	256QAM	30	1000	-49.05	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	256QAM	1000	27000	-41.85	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	256QAM	30	1000	-48.51	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	256QAM	1000	27000	-41.12	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	QPSK	30	1000	-48.61	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	QPSK	1000	27000	-41.87	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	QPSK	30	1000	-49.13	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	QPSK	1000	27000	-41.26	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	16QAM	30	1000	-49.06	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	16QAM	1000	27000	-41.02	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	16QAM	30	1000	-48.39	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	16QAM	1000	27000	-41.83	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	64QAM	30	1000	-48.98	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	64QAM	1000	27000	-41.26	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	64QAM	30	1000	-47.93	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	64QAM	1000	27000	-41.29	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	256QAM	30	1000	-48.76	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	256QAM	1000	27000	-41.42	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	256QAM	30	1000	-49.12	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	256QAM	1000	27000	-40.97	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	QPSK	30	1000	-48.6	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	QPSK	1000	27000	-41.67	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	QPSK	30	1000	-48.79	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	QPSK	1000	27000	-41.63	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	16QAM	30	1000	-48.8	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	16QAM	1000	27000	-41.32	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	16QAM	30	1000	-48.5	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	16QAM	1000	27000	-41.9	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	64QAM	30	1000	-48.13	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	64QAM	1000	27000	-40.95	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	64QAM	30	1000	-47.92	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	64QAM	1000	27000	-41.42	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	256QAM	30	1000	-48.85	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	256QAM	1000	27000	-40.81	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	256QAM	30	1000	-48.74	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	256QAM	1000	27000	-41.44	-25	PASS
CA 41C	10.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	QPSK	30	1000	-48.46	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	QPSK	1000	27000	-36.64	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	QPSK	30	1000	-48.75	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	QPSK	1000	27000	-41.56	-25	PASS

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CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	16QAM	30	1000	-48.26	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	16QAM	1000	27000	-41.88	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	16QAM	30	1000	-48.15	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	16QAM	1000	27000	-41.2	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	64QAM	30	1000	-48.91	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	64QAM	1000	27000	-40.66	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	64QAM	30	1000	-48.98	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	64QAM	1000	27000	-41.28	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	256QAM	30	1000	-49.13	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	256QAM	1000	27000	-41.91	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	256QAM	30	1000	-48.14	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	256QAM	1000	27000	-41.04	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	QPSK	30	1000	-48.78	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	QPSK	1000	27000	-41.74	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	QPSK	30	1000	-49.14	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	QPSK	1000	27000	-40.65	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	16QAM	30	1000	-47.65	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	16QAM	1000	27000	-41.17	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	16QAM	30	1000	-48.41	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	16QAM	1000	27000	-40.67	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	64QAM	30	1000	-48.63	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	64QAM	1000	27000	-36.99	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	64QAM	30	1000	-47.87	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	64QAM	1000	27000	-40.75	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	256QAM	30	1000	-49.09	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	256QAM	1000	27000	-34.87	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	256QAM	30	1000	-48.86	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	256QAM	1000	27000	-41.33	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	QPSK	30	1000	-48.29	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	QPSK	1000	27000	-41.83	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	QPSK	30	1000	-48.56	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	QPSK	1000	27000	-41.42	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	16QAM	30	1000	-48.74	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	16QAM	1000	27000	-41.17	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	16QAM	30	1000	-48.43	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	16QAM	1000	27000	-41.5	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	64QAM	30	1000	-49.12	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	64QAM	1000	27000	-41.17	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	64QAM	30	1000	-48.06	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	64QAM	1000	27000	-41.74	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	256QAM	30	1000	-49.46	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	256QAM	1000	27000	-41.88	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	256QAM	30	1000	-48.71	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	256QAM	1000	27000	-41.64	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	QPSK	30	1000	-48.63	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	QPSK	1000	27000	-41.32	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	QPSK	30	1000	-49.07	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	QPSK	1000	27000	-41.09	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	16QAM	30	1000	-49.27	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	16QAM	1000	27000	-35.36	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	16QAM	30	1000	-48.3	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	16QAM	1000	27000	-42.02	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	64QAM	30	1000	-47.85	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	64QAM	1000	27000	-40.92	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	64QAM	30	1000	-48.07	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	64QAM	1000	27000	-41.18	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	256QAM	30	1000	-47.48	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	256QAM	1000	27000	-41.85	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	256QAM	30	1000	-48.02	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	256QAM	1000	27000	-40.82	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	QPSK	30	1000	-49.36	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	QPSK	1000	27000	-34.95	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	QPSK	30	1000	-48.42	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	QPSK	1000	27000	-41.46	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	16QAM	30	1000	-49.06	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	16QAM	1000	27000	-41.23	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	16QAM	30	1000	-47.9	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	16QAM	1000	27000	-41.76	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	64QAM	30	1000	-49.32	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	64QAM	1000	27000	-42.14	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	64QAM	30	1000	-48.64	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	64QAM	1000	27000	-40.72	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	256QAM	30	1000	-49.7	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	256QAM	1000	27000	-41.8	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	256QAM	30	1000	-48.24	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	256QAM	1000	27000	-42.25	-25	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	QPSK	30	1000	-49.13	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	QPSK	1000	20000	-34.19	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	QPSK	30	1000	-49.11	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	QPSK	1000	20000	-31.35	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	16QAM	30	1000	-48.68	-13	PASS

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CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	16QAM	1000	20000	-33.04	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	16QAM	30	1000	-49.17	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	16QAM	1000	20000	-32.17	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	64QAM	30	1000	-48.24	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	64QAM	1000	20000	-31.53	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	64QAM	30	1000	-49.18	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	64QAM	1000	20000	-31.82	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	256QAM	30	1000	-48.41	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	256QAM	1000	20000	-32.33	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	256QAM	30	1000	-49.28	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	256QAM	1000	20000	-31.6	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	QPSK	30	1000	-48.81	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	QPSK	1000	20000	-32.17	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	QPSK	30	1000	-48.92	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	QPSK	1000	20000	-30.34	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	16QAM	30	1000	-49.41	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	16QAM	1000	20000	-30.5	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	16QAM	30	1000	-48.13	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	16QAM	1000	20000	-31.73	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	64QAM	30	1000	-48.74	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	64QAM	1000	20000	-31.72	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	64QAM	30	1000	-49.13	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	64QAM	1000	20000	-31.29	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	256QAM	30	1000	-48.69	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	256QAM	1000	20000	-31.99	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	256QAM	30	1000	-47.74	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	256QAM	1000	20000	-32.37	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	QPSK	30	1000	-48.87	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	QPSK	1000	20000	-30.39	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	QPSK	30	1000	-48.69	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	QPSK	1000	20000	-32.27	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	16QAM	30	1000	-49.1	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	16QAM	1000	20000	-30.72	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	16QAM	30	1000	-49.06	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	16QAM	1000	20000	-31.42	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	64QAM	30	1000	-48.7	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	64QAM	1000	20000	-31.7	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	64QAM	30	1000	-49.11	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	64QAM	1000	20000	-31.96	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	256QAM	30	1000	-48.89	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	256QAM	1000	20000	-31.21	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	256QAM	30	1000	-49.11	-13	PASS
CA 66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	256QAM	1000	20000	-31.19	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	QPSK	30	1000	-48.89	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	QPSK	1000	20000	-31.98	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	QPSK	30	1000	-47.15	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	QPSK	1000	20000	-31.89	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	16QAM	30	1000	-48.94	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	16QAM	1000	20000	-31.91	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	16QAM	30	1000	-48.95	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	16QAM	1000	20000	-31.14	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	64QAM	30	1000	-48.61	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	64QAM	1000	20000	-31.82	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	64QAM	30	1000	-49.43	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	64QAM	1000	20000	-31.89	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	256QAM	30	1000	-48.57	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	256QAM	1000	20000	-32.3	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	256QAM	30	1000	-48.3	-13	PASS
CA 66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	256QAM	1000	20000	-31.37	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	QPSK	30	1000	-48.84	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	QPSK	1000	20000	-31.75	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	QPSK	30	1000	-48.64	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	QPSK	1000	20000	-31.44	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	16QAM	30	1000	-49.59	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	16QAM	1000	20000	-32.04	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	16QAM	30	1000	-48.95	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	16QAM	1000	20000	-32.44	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	64QAM	30	1000	-48.86	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	64QAM	1000	20000	-30.67	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	64QAM	30	1000	-48.23	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	64QAM	1000	20000	-31.01	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	256QAM	30	1000	-49.4	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	256QAM	1000	20000	-31.78	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	256QAM	30	1000	-49.48	-13	PASS
CA 66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	256QAM	1000	20000	-32.41	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	QPSK	30	1000	-47.6	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	QPSK	1000	20000	-31.65	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	QPSK	30	1000	-48.51	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	QPSK	1000	20000	-30.73	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	16QAM	30	1000	-48.97	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	16QAM	1000	20000	-31.69	-13	PASS

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CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	16QAM	30	1000	-49.0	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	16QAM	1000	20000	-31.55	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	64QAM	30	1000	-49.88	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	64QAM	1000	20000	-31.23	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	64QAM	30	1000	-48.98	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	64QAM	1000	20000	-31.07	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	256QAM	30	1000	-48.77	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	256QAM	1000	20000	-31.42	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	256QAM	30	1000	-49.07	-13	PASS
CA 66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	256QAM	1000	20000	-31.2	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	QPSK	30	1000	-49.08	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	QPSK	1000	20000	-32.21	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	QPSK	30	1000	-48.69	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	QPSK	1000	20000	-32.15	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	16QAM	30	1000	-49.27	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	16QAM	1000	20000	-32.23	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	16QAM	30	1000	-48.0	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	16QAM	1000	20000	-32.69	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	64QAM	30	1000	-48.28	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	64QAM	1000	20000	-32.84	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	64QAM	30	1000	-48.97	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	64QAM	1000	20000	-32.35	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	256QAM	30	1000	-47.14	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	256QAM	1000	20000	-32.67	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	256QAM	30	1000	-48.53	-13	PASS
CA 66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	256QAM	1000	20000	-32.14	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	QPSK	30	1000	-48.99	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	QPSK	1000	20000	-31.21	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	QPSK	30	1000	-48.66	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	QPSK	1000	20000	-31.48	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	16QAM	30	1000	-49.32	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	16QAM	1000	20000	-31.65	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	16QAM	30	1000	-48.31	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	16QAM	1000	20000	-31.12	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	64QAM	30	1000	-48.63	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	64QAM	1000	20000	-31.03	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	64QAM	30	1000	-49.19	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	64QAM	1000	20000	-30.76	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	256QAM	30	1000	-49.58	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	256QAM	1000	20000	-31.97	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	256QAM	30	1000	-49.14	-13	PASS
CA 66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	256QAM	1000	20000	-31.61	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	QPSK	30	1000	-48.57	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	QPSK	1000	20000	-32.19	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	QPSK	30	1000	-47.68	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	QPSK	1000	20000	-32.19	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	16QAM	30	1000	-49.33	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	16QAM	1000	20000	-31.55	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	16QAM	30	1000	-49.07	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	16QAM	1000	20000	-33.15	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	64QAM	30	1000	-47.02	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	64QAM	1000	20000	-32.88	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	64QAM	30	1000	-49.07	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	64QAM	1000	20000	-32.53	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	256QAM	30	1000	-48.3	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	256QAM	1000	20000	-31.3	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	256QAM	30	1000	-48.33	-13	PASS
CA 66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	256QAM	1000	20000	-32.17	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	QPSK	30	1000	-48.91	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	QPSK	1000	20000	-33.79	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	QPSK	30	1000	-47.89	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	QPSK	1000	20000	-33.96	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	16QAM	30	1000	-48.64	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	16QAM	1000	20000	-32.56	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	16QAM	30	1000	-49.24	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	16QAM	1000	20000	-33.78	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	64QAM	30	1000	-48.71	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	64QAM	1000	20000	-33.55	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	64QAM	30	1000	-49.5	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	64QAM	1000	20000	-33.56	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	256QAM	30	1000	-48.54	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	256QAM	1000	20000	-34.53	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	256QAM	30	1000	-48.36	-13	PASS
CA 66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	256QAM	1000	20000	-30.97	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	QPSK	30	1000	-48.33	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	QPSK	1000	20000	-31.91	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	QPSK	30	1000	-49.11	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	QPSK	1000	20000	-31.95	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	16QAM	30	1000	-48.39	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	16QAM	1000	20000	-31.2	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	16QAM	30	1000	-48.55	-13	PASS

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CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	16QAM	1000	20000	-30.95	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	64QAM	30	1000	-47.26	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	64QAM	1000	20000	-31.67	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	64QAM	30	1000	-48.92	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	64QAM	1000	20000	-31.31	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	256QAM	30	1000	-49.48	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	256QAM	1000	20000	-31.55	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	256QAM	30	1000	-48.83	-13	PASS
CA 66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	256QAM	1000	20000	-31.62	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	QPSK	30	1000	-49.29	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	QPSK	1000	20000	-31.89	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	QPSK	30	1000	-49.42	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	QPSK	1000	20000	-32.08	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	16QAM	30	1000	-48.63	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	16QAM	1000	20000	-31.91	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	16QAM	30	1000	-49.45	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	16QAM	1000	20000	-31.53	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	64QAM	30	1000	-48.03	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	64QAM	1000	20000	-31.33	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	64QAM	30	1000	-49.43	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	64QAM	1000	20000	-32.09	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	256QAM	30	1000	-48.69	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	256QAM	1000	20000	-31.87	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	256QAM	30	1000	-48.77	-13	PASS
CA 66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	256QAM	1000	20000	-31.97	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	QPSK	30	1000	-48.48	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	QPSK	1000	20000	-31.18	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	QPSK	30	1000	-47.81	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	QPSK	1000	20000	-31.81	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	16QAM	30	1000	-48.95	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	16QAM	1000	20000	-31.28	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	16QAM	30	1000	-48.74	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	16QAM	1000	20000	-31.36	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	64QAM	30	1000	-49.55	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	64QAM	1000	20000	-32.75	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	64QAM	30	1000	-47.61	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	64QAM	1000	20000	-32.23	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	256QAM	30	1000	-48.66	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	256QAM	1000	20000	-30.08	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	256QAM	30	1000	-49.08	-13	PASS
CA 66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	256QAM	1000	20000	-31.58	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	QPSK	30	1000	-48.98	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	QPSK	1000	20000	-31.95	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	QPSK	30	1000	-48.27	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	QPSK	1000	20000	-31.19	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	16QAM	30	1000	-48.72	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	16QAM	1000	20000	-31.52	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	16QAM	30	1000	-48.71	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	16QAM	1000	20000	-31.8	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	64QAM	30	1000	-48.61	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	64QAM	1000	20000	-32.27	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	64QAM	30	1000	-49.11	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	64QAM	1000	20000	-32.77	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	256QAM	30	1000	-48.3	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	256QAM	1000	20000	-32.23	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	256QAM	30	1000	-48.17	-13	PASS
CA 66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	256QAM	1000	20000	-31.95	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	QPSK	30	1000	-48.06	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	QPSK	1000	20000	-31.3	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	QPSK	30	1000	-48.08	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	QPSK	1000	20000	-32.91	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	16QAM	30	1000	-47.51	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	16QAM	1000	20000	-32.46	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	16QAM	30	1000	-49.07	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	16QAM	1000	20000	-32.69	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	64QAM	30	1000	-42.13	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	64QAM	1000	20000	-31.22	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	64QAM	30	1000	-48.71	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	64QAM	1000	20000	-32.5	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	256QAM	30	1000	-48.51	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	256QAM	1000	20000	-32.68	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	256QAM	30	1000	-48.61	-13	PASS
CA 66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	256QAM	1000	20000	-33.71	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	QPSK	30	1000	-49.07	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	QPSK	1000	20000	-31.28	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	QPSK	30	1000	-48.62	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	QPSK	1000	20000	-32.08	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	16QAM	30	1000	-48.87	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	16QAM	1000	20000	-30.84	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	16QAM	30	1000	-48.42	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	16QAM	1000	20000	-31.85	-13	PASS

CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	64QAM	30	1000	-48.4	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	64QAM	1000	20000	-30.36	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	64QAM	30	1000	-48.6	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	64QAM	1000	20000	-32.09	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	256QAM	30	1000	-42.87	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	256QAM	1000	20000	-31.0	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	256QAM	30	1000	-38.26	-13	PASS
CA 66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	256QAM	1000	20000	-30.61	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	QPSK	30	1000	-49.39	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	QPSK	1000	20000	-32.2	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	QPSK	30	1000	-48.86	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	QPSK	1000	20000	-32.32	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	16QAM	30	1000	-48.89	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	16QAM	1000	20000	-31.89	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	16QAM	30	1000	-49.26	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	16QAM	1000	20000	-32.2	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	64QAM	30	1000	-49.06	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	64QAM	1000	20000	-32.7	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	64QAM	30	1000	-48.65	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	64QAM	1000	20000	-32.25	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	256QAM	30	1000	-48.68	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	256QAM	1000	20000	-32.66	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	256QAM	30	1000	-49.47	-13	PASS
CA 66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	256QAM	1000	20000	-30.79	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	QPSK	30	1000	-48.93	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	QPSK	1000	20000	-29.69	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	QPSK	30	1000	-48.31	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	QPSK	1000	20000	-31.98	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	16QAM	30	1000	-39.42	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	16QAM	1000	20000	-31.64	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	16QAM	30	1000	-49.17	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	16QAM	1000	20000	-32.11	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	64QAM	30	1000	-38.33	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	64QAM	1000	20000	-31.47	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	64QAM	30	1000	-47.9	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	64QAM	1000	20000	-31.84	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	256QAM	30	1000	-48.86	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	256QAM	1000	20000	-32.1	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	256QAM	30	1000	-48.57	-13	PASS
CA 66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	256QAM	1000	20000	-30.99	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	QPSK	30	1000	-48.08	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	QPSK	1000	20000	-31.13	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	QPSK	30	1000	-48.2	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	QPSK	1000	20000	-31.25	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	16QAM	30	1000	-49.32	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	16QAM	1000	20000	-31.23	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	16QAM	30	1000	-49.2	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	16QAM	1000	20000	-31.47	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	64QAM	30	1000	-49.48	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	64QAM	1000	20000	-31.36	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	64QAM	30	1000	-49.0	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	64QAM	1000	20000	-32.48	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	256QAM	30	1000	-49.08	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	256QAM	1000	20000	-31.26	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	256QAM	30	1000	-49.35	-13	PASS
CA 66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	256QAM	1000	20000	-31.89	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	QPSK	30	1000	-48.55	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	QPSK	1000	20000	-32.19	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	QPSK	30	1000	-48.18	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	QPSK	1000	20000	-31.63	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	16QAM	30	1000	-48.74	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	16QAM	1000	20000	-30.65	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	16QAM	30	1000	-48.52	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	16QAM	1000	20000	-32.39	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	64QAM	30	1000	-48.96	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	64QAM	1000	20000	-29.74	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	64QAM	30	1000	-49.08	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	64QAM	1000	20000	-31.75	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	256QAM	30	1000	-48.2	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	256QAM	1000	20000	-31.31	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	256QAM	30	1000	-46.91	-13	PASS
CA 66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	256QAM	1000	20000	-30.67	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	QPSK	30	1000	-48.85	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	QPSK	1000	20000	-31.36	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	QPSK	30	1000	-49.34	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	QPSK	1000	20000	-30.3	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	16QAM	30	1000	-49.01	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	16QAM	1000	20000	-32.03	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	16QAM	30	1000	-48.08	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	16QAM	1000	20000	-31.09	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	64QAM	30	1000	-49.74	-13	PASS

CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	64QAM	1000	20000	-31.25	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	64QAM	30	1000	-48.58	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	64QAM	1000	20000	-29.81	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	256QAM	30	1000	-49.05	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	256QAM	1000	20000	-31.16	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	256QAM	30	1000	-49.07	-13	PASS
CA 66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	256QAM	1000	20000	-32.28	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	QPSK	30	1000	-48.62	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	QPSK	1000	20000	-30.93	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	QPSK	30	1000	-48.6	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	QPSK	1000	20000	-31.36	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	16QAM	30	1000	-49.09	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	16QAM	1000	20000	-30.38	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	16QAM	30	1000	-49.33	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	16QAM	1000	20000	-31.31	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	64QAM	30	1000	-47.03	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	64QAM	1000	20000	-31.24	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	64QAM	30	1000	-48.31	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	64QAM	1000	20000	-31.12	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	256QAM	30	1000	-48.45	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	256QAM	1000	20000	-30.69	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	256QAM	30	1000	-49.41	-13	PASS
CA 66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	256QAM	1000	20000	-31.93	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	QPSK	30	1000	-49.02	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	QPSK	1000	20000	-31.61	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	QPSK	30	1000	-49.04	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	QPSK	1000	20000	-31.93	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	16QAM	30	1000	-48.62	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	16QAM	1000	20000	-32.13	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	16QAM	30	1000	-48.37	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	16QAM	1000	20000	-31.57	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	64QAM	30	1000	-48.88	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	64QAM	1000	20000	-32.1	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	64QAM	30	1000	-49.06	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	64QAM	1000	20000	-32.88	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	256QAM	30	1000	-48.92	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	256QAM	1000	20000	-32.1	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	256QAM	30	1000	-49.46	-13	PASS
CA 66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	256QAM	1000	20000	-33.5	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	QPSK	30	1000	-48.85	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	QPSK	1000	20000	-32.84	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	QPSK	30	1000	-48.09	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	QPSK	1000	20000	-34.85	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	16QAM	30	1000	-48.5	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	16QAM	1000	20000	-33.52	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	16QAM	30	1000	-48.87	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	16QAM	1000	20000	-33.28	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	64QAM	30	1000	-49.28	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	64QAM	1000	20000	-33.78	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	64QAM	30	1000	-47.61	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	64QAM	1000	20000	-33.26	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	256QAM	30	1000	-48.97	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	256QAM	1000	20000	-32.97	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	256QAM	30	1000	-48.1	-13	PASS
CA 66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	256QAM	1000	20000	-32.13	-13	PASS





