

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	-39.28	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	QPSK	1000	10000	-43.59	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	QPSK	30	1000	-39.36	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	QPSK	1000	10000	-42.41	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	16QAM	30	1000	-38.79	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	16QAM	1000	10000	-42.72	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	16QAM	30	1000	-38.92	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	16QAM	1000	10000	-42.9	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	64QAM	30	1000	-38.7	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	64QAM	1000	10000	-42.95	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	64QAM	30	1000	-39.64	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	64QAM	1000	10000	-42.88	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	256QAM	30	1000	-39.0	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	256QAM	1000	10000	-43.05	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	256QAM	30	1000	-39.15	-13	PASS
CA_5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	256QAM	1000	10000	-42.82	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	QPSK	30	1000	-39.37	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	QPSK	1000	10000	-42.58	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	QPSK	30	1000	-38.97	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	QPSK	1000	10000	-43.44	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	16QAM	30	1000	-37.84	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	16QAM	1000	10000	-43.34	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	16QAM	30	1000	-39.01	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	16QAM	1000	10000	-42.45	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	64QAM	30	1000	-38.98	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	64QAM	1000	10000	-42.71	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	64QAM	30	1000	-38.5	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	64QAM	1000	10000	-42.73	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	256QAM	30	1000	-38.05	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	256QAM	1000	10000	-43.15	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	256QAM	30	1000	-38.65	-13	PASS
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	256QAM	1000	10000	-42.85	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	QPSK	30	1000	-38.87	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	QPSK	1000	10000	-43.61	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	QPSK	30	1000	-38.82	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	QPSK	1000	10000	-42.73	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	16QAM	30	1000	-39.52	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	16QAM	1000	10000	-42.87	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	16QAM	30	1000	-40.14	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	16QAM	1000	10000	-42.77	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	64QAM	30	1000	-38.68	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	64QAM	1000	10000	-43.68	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	64QAM	30	1000	-39.61	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	64QAM	1000	10000	-42.9	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	256QAM	30	1000	-39.88	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	256QAM	1000	10000	-42.53	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	256QAM	30	1000	-39.39	-13	PASS
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	256QAM	1000	10000	-43.41	-13	PASS
CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	QPSK	30	1000	-39.4	-13	PASS
CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	QPSK	1000	10000	-42.79	-13	PASS
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	QPSK	30	1000	-39.74	-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	-38.89	-13	PASS
CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	16QAM	1000	10000	-43.79	-13	PASS
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	16QAM	30	1000	-39.21	-13	PASS
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	16QAM	1000	10000	-43.0	-13	PASS
CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	64QAM	30	1000	-39.61	-13	PASS
CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	64QAM	1000	10000	-42.68	-13	PASS
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	64QAM	30	1000	-39.56	-13	PASS
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	64QAM	1000	10000	-43.73	-13	PASS
CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	256QAM	30	1000	-39.17	-13	PASS
CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	256QAM	1000	10000	-43.29	-13	PASS
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	256QAM	30	1000	-39.47	-13	PASS
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	256QAM	1000	10000	-41.96	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	QPSK	30	1000	-39.06	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	QPSK	1000	10000	-42.82	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	QPSK	30	1000	-39.06	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	QPSK	1000	10000	-43.16	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	16QAM	30	1000	-38.39	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	16QAM	1000	10000	-43.25	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	16QAM	30	1000	-39.01	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	16QAM	1000	10000	-42.95	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	64QAM	30	1000	-39.07	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	64QAM	1000	10000	-42.08	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	64QAM	30	1000	-39.84	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	64QAM	1000	10000	-42.56	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	256QAM	30	1000	-38.58	-13	PASS

CA_5B	3.0	5.0	20501	20540	834.1	838.0	1@14	1@0	256QAM	1000	10000	-43.73	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	256QAM	30	1000	-39.47	-13	PASS
CA_5B	3.0	5.0	20501	20540	834.1	838.0	15@0	25@0	256QAM	1000	10000	-43.43	-13	PASS
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	QPSK	30	1000	-38.5	-13	PASS
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	QPSK	1000	10000	-42.48	-13	PASS
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	QPSK	30	1000	-39.45	-13	PASS
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	QPSK	1000	10000	-43.33	-13	PASS
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	16QAM	30	1000	-39.66	-13	PASS
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	16QAM	1000	10000	-42.8	-13	PASS
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	16QAM	30	1000	-38.57	-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	-39.13	-13	PASS
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	64QAM	1000	10000	-42.78	-13	PASS
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	64QAM	30	1000	-37.96	-13	PASS
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	64QAM	1000	10000	-42.94	-13	PASS
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	256QAM	30	1000	-38.58	-13	PASS
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	256QAM	1000	10000	-43.43	-13	PASS
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	256QAM	30	1000	-38.73	-13	PASS
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	256QAM	1000	10000	-42.46	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	QPSK	30	1000	-39.21	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	QPSK	1000	10000	-43.0	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	QPSK	30	1000	-39.17	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	QPSK	1000	10000	-42.73	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	16QAM	30	1000	-39.61	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	16QAM	1000	10000	-42.46	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	16QAM	30	1000	-39.68	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	16QAM	1000	10000	-42.87	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	64QAM	30	1000	-38.72	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	64QAM	1000	10000	-42.59	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	64QAM	30	1000	-38.52	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	64QAM	1000	10000	-43.1	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	256QAM	30	1000	-39.51	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	256QAM	1000	10000	-43.28	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	256QAM	30	1000	-39.31	-13	PASS
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	256QAM	1000	10000	-42.52	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	QPSK	30	1000	-39.7	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	QPSK	1000	10000	-42.81	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	QPSK	30	1000	-39.13	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	QPSK	1000	10000	-43.16	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	16QAM	30	1000	-39.65	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	16QAM	1000	10000	-43.57	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	16QAM	30	1000	-39.71	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	16QAM	1000	10000	-43.19	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	64QAM	30	1000	-39.57	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	64QAM	1000	10000	-43.32	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	64QAM	30	1000	-39.16	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	64QAM	1000	10000	-43.06	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	256QAM	30	1000	-38.9	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	256QAM	1000	10000	-42.44	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	256QAM	30	1000	-39.92	-13	PASS
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	256QAM	1000	10000	-43.49	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	QPSK	30	1000	-38.55	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	QPSK	1000	10000	-43.19	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	QPSK	30	1000	-39.14	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	QPSK	1000	10000	-42.05	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	16QAM	30	1000	-39.21	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	16QAM	1000	10000	-42.75	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	16QAM	30	1000	-39.38	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	16QAM	1000	10000	-42.7	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	64QAM	30	1000	-39.23	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	64QAM	1000	10000	-42.72	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	64QAM	30	1000	-39.33	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	64QAM	1000	10000	-43.09	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	256QAM	30	1000	-39.0	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	1@14	1@0	256QAM	1000	10000	-43.31	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	256QAM	30	1000	-39.05	-13	PASS
CA_5B	3.0	5.0	20586	20625	842.6	846.5	15@0	25@0	256QAM	1000	10000	-43.38	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	QPSK	30	1000	-39.32	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	QPSK	1000	10000	-43.54	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	QPSK	30	1000	-39.12	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	QPSK	1000	10000	-42.71	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	16QAM	30	1000	-39.22	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	16QAM	1000	10000	-43.28	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	16QAM	30	1000	-38.91	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	16QAM	1000	10000	-42.16	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	64QAM	30	1000	-39.15	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	64QAM	1000	10000	-43.4	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	64QAM	30	1000	-39.54	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	64QAM	1000	10000	-43.15	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	256QAM	30	1000	-39.53	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	256QAM	1000	10000	-42.09	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	256QAM	30	1000	-39.25	-13	PASS
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	256QAM	1000	10000	-43.18	-13	PASS

CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	QPSK	30	1000	-39.36	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	QPSK	1000	10000	-43.46	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	QPSK	30	1000	-40.01	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	QPSK	1000	10000	-43.02	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	16QAM	30	1000	-39.85	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	16QAM	1000	10000	-43.12	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	16QAM	30	1000	-39.97	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	16QAM	1000	10000	-43.11	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	64QAM	30	1000	-39.09	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	64QAM	1000	10000	-42.78	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	64QAM	30	1000	-39.26	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	64QAM	1000	10000	-42.78	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	64QAM	30	1000	-39.26	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	256QAM	1000	10000	-43.08	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	256QAM	30	1000	-39.71	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	256QAM	1000	10000	-43.01	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	256QAM	30	1000	-39.52	-13	PASS
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	256QAM	1000	10000	-42.89	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	QPSK	30	1000	-39.76	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	QPSK	1000	10000	-42.55	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	QPSK	30	1000	-40.43	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	QPSK	1000	10000	-42.96	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	16QAM	30	1000	-39.66	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	16QAM	1000	10000	-42.6	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	16QAM	30	1000	-38.56	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	16QAM	1000	10000	-42.42	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	64QAM	30	1000	-38.69	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	64QAM	1000	10000	-43.02	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	64QAM	30	1000	-38.45	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	64QAM	1000	10000	-43.17	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	256QAM	30	1000	-39.25	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	256QAM	1000	10000	-42.99	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	256QAM	30	1000	-39.52	-13	PASS
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	256QAM	1000	10000	-43.24	-13	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	QPSK	30	1000	-47.96	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	QPSK	1000	27000	-41.51	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	QPSK	30	1000	-49.05	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	QPSK	1000	27000	-41.76	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	16QAM	30	1000	-48.61	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	16QAM	1000	27000	-40.82	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	16QAM	30	1000	-49.23	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	16QAM	1000	27000	-41.11	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	64QAM	30	1000	-48.92	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	64QAM	1000	27000	-40.4	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	64QAM	30	1000	-48.57	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	64QAM	1000	27000	-41.48	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	256QAM	30	1000	-48.56	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	256QAM	1000	27000	-40.87	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	256QAM	30	1000	-48.19	-25	PASS
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	256QAM	1000	27000	-40.03	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	QPSK	30	1000	-48.26	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	QPSK	1000	27000	-40.81	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	QPSK	30	1000	-49.25	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	QPSK	1000	27000	-41.02	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	16QAM	30	1000	-47.85	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	16QAM	1000	27000	-41.23	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	16QAM	30	1000	-47.08	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	16QAM	1000	27000	-41.18	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	64QAM	30	1000	-48.95	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	64QAM	1000	27000	-40.77	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	64QAM	30	1000	-49.13	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	64QAM	1000	27000	-41.16	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	256QAM	30	1000	-47.52	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	256QAM	1000	27000	-41.87	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	256QAM	30	1000	-49.29	-25	PASS
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	256QAM	1000	27000	-41.03	-25	PASS
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	QPSK	30	1000	-47.88	-25	PASS
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	QPSK	1000	27000	-41.44	-25	PASS
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	QPSK	30	1000	-48.85	-25	PASS
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	QPSK	1000	27000	-41.39	-25	PASS
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	16QAM	30	1000	-49.07	-25	PASS
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	16QAM	1000	27000	-41.79	-25	PASS
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	16QAM	30	1000	-49.5	-25	PASS
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	16QAM	1000	27000	-41.79	-25	PASS
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	16QAM	30	1000	-49.04	-25	PASS
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	64QAM	1000	27000	-40.36	-25	PASS
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	256QAM	30	1000	-49.22	-25	PASS
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	256QAM	1000	27000	-39.85	-25	PASS
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	256QAM	30	1000	-48.82	-25	PASS
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	256QAM	1000	27000	-41.83	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	QPSK	30	1000	-48.06	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	QPSK	1000	27000	-41.26	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	QPSK	30	1000	-48.07	-25	PASS

CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	QPSK	1000	27000	-41.27	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	16QAM	30	1000	-49.14	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	16QAM	1000	27000	-41.55	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	16QAM	30	1000	-48.24	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	16QAM	1000	27000	-41.93	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	64QAM	30	1000	-48.38	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	64QAM	1000	27000	-41.18	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	64QAM	30	1000	-48.95	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	64QAM	1000	27000	-41.52	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	256QAM	30	1000	-47.9	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	256QAM	1000	27000	-41.4	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	256QAM	30	1000	-48.49	-25	PASS
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	256QAM	1000	27000	-40.96	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	QPSK	30	1000	-48.98	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	QPSK	1000	27000	-41.2	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	QPSK	30	1000	-49.07	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	QPSK	1000	27000	-41.01	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	16QAM	30	1000	-48.73	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	16QAM	1000	27000	-41.31	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	16QAM	30	1000	-48.62	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	16QAM	1000	27000	-40.47	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	64QAM	30	1000	-48.64	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	64QAM	1000	27000	-41.27	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	64QAM	30	1000	-48.3	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	64QAM	1000	27000	-40.89	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	256QAM	30	1000	-48.84	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	256QAM	1000	27000	-42.09	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	256QAM	30	1000	-48.53	-25	PASS
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	256QAM	1000	27000	-42.13	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	QPSK	30	1000	-48.95	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	QPSK	1000	27000	-41.14	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	QPSK	30	1000	-48.99	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	QPSK	1000	27000	-41.57	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	16QAM	30	1000	-49.16	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	16QAM	1000	27000	-41.57	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	16QAM	30	1000	-48.49	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	16QAM	1000	27000	-40.81	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	64QAM	30	1000	-49.11	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	64QAM	1000	27000	-40.96	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	64QAM	30	1000	-48.7	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	64QAM	1000	27000	-41.56	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	256QAM	30	1000	-49.45	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	256QAM	1000	27000	-41.77	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	256QAM	30	1000	-49.18	-25	PASS
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	256QAM	1000	27000	-40.79	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	QPSK	30	1000	-48.59	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	QPSK	1000	27000	-40.78	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	QPSK	30	1000	-48.0	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	QPSK	1000	27000	-41.71	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	16QAM	30	1000	-48.99	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	16QAM	1000	27000	-41.86	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	16QAM	30	1000	-48.35	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	16QAM	1000	27000	-40.99	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	64QAM	30	1000	-48.93	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	64QAM	1000	27000	-41.45	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	64QAM	30	1000	-48.85	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	64QAM	1000	27000	-41.55	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	256QAM	30	1000	-48.57	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	256QAM	1000	27000	-41.86	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	256QAM	30	1000	-48.94	-25	PASS
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	256QAM	1000	27000	-41.91	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	QPSK	30	1000	-48.38	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	QPSK	1000	27000	-40.86	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	QPSK	30	1000	-49.4	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	QPSK	1000	27000	-41.04	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	16QAM	30	1000	-48.31	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	16QAM	1000	27000	-41.68	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	16QAM	30	1000	-48.23	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	16QAM	1000	27000	-41.76	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	64QAM	30	1000	-48.83	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	64QAM	1000	27000	-41.28	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	64QAM	30	1000	-48.78	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	64QAM	1000	27000	-40.65	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	256QAM	30	1000	-48.16	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	256QAM	1000	27000	-40.52	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	256QAM	30	1000	-48.67	-25	PASS
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	256QAM	1000	27000	-41.41	-25	PASS
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	QPSK	30	1000	-48.78	-25	PASS
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	QPSK	1000	27000	-41.38	-25	PASS
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	QPSK	30	1000	-49.16	-25	PASS
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	QPSK	1000	27000	-41.15	-25	PASS
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	16QAM	30	1000	-48.88	-25	PASS
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	16QAM	1000	27000	-41.4	-25	PASS







CA 38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	256QAM	1000	27000	-41.53	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	QPSK	30	1000	-48.96	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	QPSK	1000	27000	-41.5	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	QPSK	30	1000	-48.61	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	QPSK	1000	27000	-40.8	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	16QAM	30	1000	-46.94	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	16QAM	1000	27000	-41.45	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	16QAM	30	1000	-47.96	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	16QAM	1000	27000	-40.82	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	64QAM	30	1000	-47.62	-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	-49.14	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	64QAM	1000	27000	-40.81	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	256QAM	30	1000	-48.79	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	256QAM	1000	27000	-40.76	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	256QAM	30	1000	-48.74	-25	PASS
CA 41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	256QAM	1000	27000	-41.13	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	QPSK	30	1000	-49.02	-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	1@99	1@0	QPSK	30	1000	-48.92	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	QPSK	1000	27000	-41.51	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	16QAM	30	1000	-47.69	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	16QAM	1000	27000	-42.04	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	16QAM	30	1000	-47.74	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	16QAM	1000	27000	-41.09	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	64QAM	30	1000	-48.26	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	64QAM	1000	27000	-35.68	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	64QAM	30	1000	-49.25	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	64QAM	1000	27000	-41.27	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	256QAM	30	1000	-49.22	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	256QAM	1000	27000	-40.66	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	256QAM	30	1000	-48.97	-25	PASS
CA 41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	256QAM	1000	27000	-41.63	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	QPSK	30	1000	-48.41	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	QPSK	1000	27000	-40.66	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	QPSK	30	1000	-48.69	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	QPSK	1000	27000	-41.77	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	16QAM	30	1000	-49.09	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	16QAM	1000	27000	-41.14	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	16QAM	30	1000	-49.15	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	16QAM	1000	27000	-41.01	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	64QAM	30	1000	-49.07	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	64QAM	1000	27000	-40.42	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	64QAM	30	1000	-49.3	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	64QAM	1000	27000	-40.88	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	256QAM	30	1000	-47.64	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	256QAM	1000	27000	-41.67	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	256QAM	30	1000	-49.31	-25	PASS
CA 41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	256QAM	1000	27000	-41.62	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	QPSK	30	1000	-48.64	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	QPSK	1000	27000	-41.33	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	QPSK	30	1000	-47.94	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	QPSK	1000	27000	-41.14	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	16QAM	30	1000	-49.01	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	16QAM	1000	27000	-40.63	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	16QAM	30	1000	-48.7	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	16QAM	1000	27000	-40.51	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	64QAM	30	1000	-48.9	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	64QAM	1000	27000	-40.35	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	64QAM	30	1000	-49.31	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	64QAM	1000	27000	-41.43	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	256QAM	30	1000	-48.74	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	256QAM	1000	27000	-40.12	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	256QAM	30	1000	-47.91	-25	PASS
CA 41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	256QAM	1000	27000	-41.29	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	QPSK	30	1000	-48.24	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	QPSK	1000	27000	-41.08	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	QPSK	30	1000	-48.77	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	QPSK	1000	27000	-41.63	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	16QAM	30	1000	-48.61	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	16QAM	1000	27000	-41.77	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	16QAM	30	1000	-49.21	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	16QAM	1000	27000	-41.72	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	64QAM	30	1000	-49.2	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	64QAM	1000	27000	-41.71	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	256QAM	30	1000	-48.59	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	256QAM	1000	27000	-41.64	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	256QAM	30	1000	-47.96	-25	PASS
CA 41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	256QAM	1000	27000	-41.62	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	QPSK	30	1000	-49.16	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	QPSK	1000	27000	-41.8	-25	PASS



CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	QPSK	30	1000	-47.92	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	QPSK	1000	27000	-40.95	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	16QAM	30	1000	-48.26	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	16QAM	1000	27000	-34.72	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	16QAM	30	1000	-49.05	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	16QAM	1000	27000	-40.98	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	64QAM	30	1000	-49.11	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	64QAM	1000	27000	-41.32	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	64QAM	30	1000	-48.59	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	64QAM	1000	27000	-41.32	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	256QAM	30	1000	-48.68	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	256QAM	1000	27000	-41.45	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	256QAM	30	1000	-48.77	-25	PASS
CA 41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	256QAM	1000	27000	-41.61	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	QPSK	30	1000	-47.74	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	QPSK	1000	27000	-41.67	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	QPSK	30	1000	-48.45	-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	-48.2	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	16QAM	1000	27000	-41.73	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	16QAM	30	1000	-48.67	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	16QAM	1000	27000	-40.68	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	64QAM	30	1000	-48.61	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	64QAM	1000	27000	-37.96	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	64QAM	30	1000	-48.92	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	64QAM	1000	27000	-40.18	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	256QAM	30	1000	-49.0	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	256QAM	1000	27000	-41.67	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	256QAM	30	1000	-49.31	-25	PASS
CA 41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	256QAM	1000	27000	-41.27	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	QPSK	30	1000	-48.37	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	QPSK	1000	27000	-34.06	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	QPSK	30	1000	-48.66	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	QPSK	1000	27000	-41.37	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	16QAM	30	1000	-48.16	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	16QAM	1000	27000	-41.79	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	16QAM	30	1000	-48.97	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	16QAM	1000	27000	-41.37	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	64QAM	30	1000	-49.3	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	64QAM	1000	27000	-40.57	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	64QAM	30	1000	-48.74	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	64QAM	1000	27000	-41.54	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	256QAM	30	1000	-49.34	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	256QAM	1000	27000	-41.33	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	256QAM	30	1000	-47.8	-25	PASS
CA 41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	256QAM	1000	27000	-40.86	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	QPSK	30	1000	-49.13	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	QPSK	1000	27000	-41.28	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	QPSK	30	1000	-48.52	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	QPSK	1000	27000	-41.69	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	16QAM	30	1000	-48.57	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	16QAM	1000	27000	-41.24	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	16QAM	30	1000	-48.63	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	16QAM	1000	27000	-41.13	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	64QAM	30	1000	-48.08	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	64QAM	1000	27000	-41.43	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	64QAM	30	1000	-48.44	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	64QAM	1000	27000	-41.28	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	256QAM	30	1000	-49.62	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	256QAM	1000	27000	-41.22	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	256QAM	30	1000	-49.1	-25	PASS
CA 41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	256QAM	1000	27000	-41.85	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	QPSK	30	1000	-48.78	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	QPSK	1000	27000	-41.47	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	QPSK	30	1000	-48.71	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	QPSK	1000	27000	-40.5	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	16QAM	30	1000	-48.2	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	16QAM	1000	27000	-41.14	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	16QAM	30	1000	-48.18	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	16QAM	1000	27000	-41.58	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	64QAM	30	1000	-47.62	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	64QAM	1000	27000	-41.57	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	64QAM	30	1000	-49.49	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	64QAM	1000	27000	-41.32	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	256QAM	30	1000	-48.84	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	256QAM	1000	27000	-41.18	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	256QAM	30	1000	-48.22	-25	PASS
CA 41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	256QAM	1000	27000	-41.63	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	QPSK	30	1000	-48.61	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	QPSK	1000	27000	-41.08	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	QPSK	30	1000	-48.37	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	QPSK	1000	27000	-40.8	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	16QAM	30	1000	-47.21	-25	PASS

CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	16QAM	1000	27000	-41.27	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	16QAM	30	1000	-49.16	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	16QAM	1000	27000	-41.67	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	64QAM	30	1000	-48.74	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	64QAM	1000	27000	-41.58	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	64QAM	30	1000	-48.1	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	64QAM	1000	27000	-41.13	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	256QAM	30	1000	-48.6	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	256QAM	1000	27000	-41.25	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	256QAM	30	1000	-48.85	-25	PASS
CA 41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	256QAM	1000	27000	-41.09	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	QPSK	30	1000	-49.65	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	QPSK	1000	27000	-41.4	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	QPSK	30	1000	-49.17	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	QPSK	1000	27000	-41.97	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	16QAM	30	1000	-47.23	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	16QAM	1000	27000	-40.88	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	16QAM	30	1000	-49.58	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	16QAM	1000	27000	-41.31	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	64QAM	30	1000	-48.32	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	64QAM	1000	27000	-41.44	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	64QAM	30	1000	-48.66	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	64QAM	1000	27000	-42.09	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	256QAM	30	1000	-48.65	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	256QAM	1000	27000	-41.75	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	256QAM	30	1000	-48.79	-25	PASS
CA 41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	256QAM	1000	27000	-41.51	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	QPSK	30	1000	-48.58	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	QPSK	1000	27000	-40.86	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	QPSK	30	1000	-47.83	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	QPSK	1000	27000	-41.02	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	16QAM	30	1000	-48.51	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	16QAM	1000	27000	-41.69	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	16QAM	30	1000	-49.55	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	16QAM	1000	27000	-40.6	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	64QAM	30	1000	-48.14	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	64QAM	1000	27000	-40.55	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	64QAM	30	1000	-49.21	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	64QAM	1000	27000	-41.37	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	256QAM	30	1000	-49.36	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	256QAM	1000	27000	-41.12	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	256QAM	30	1000	-47.88	-25	PASS
CA 41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	256QAM	1000	27000	-40.97	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	QPSK	30	1000	-49.46	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	QPSK	1000	27000	-41.64	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	QPSK	30	1000	-48.55	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	QPSK	1000	27000	-40.9	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	16QAM	30	1000	-49.04	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	16QAM	1000	27000	-40.84	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	16QAM	30	1000	-47.73	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	16QAM	1000	27000	-41.6	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	64QAM	30	1000	-49.1	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	64QAM	1000	27000	-40.21	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	64QAM	30	1000	-48.34	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	64QAM	1000	27000	-41.41	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	256QAM	30	1000	-48.81	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	256QAM	1000	27000	-40.78	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	256QAM	30	1000	-49.3	-25	PASS
CA 41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	256QAM	1000	27000	-39.86	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	QPSK	30	1000	-48.79	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	QPSK	1000	27000	-40.41	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	QPSK	30	1000	-49.18	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	QPSK	1000	27000	-41.46	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	16QAM	30	1000	-48.69	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	16QAM	1000	27000	-41.26	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	16QAM	30	1000	-48.4	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	16QAM	1000	27000	-40.4	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	64QAM	30	1000	-49.31	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	64QAM	1000	27000	-40.72	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	64QAM	30	1000	-49.36	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	64QAM	1000	27000	-41.31	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	256QAM	30	1000	-49.33	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	256QAM	1000	27000	-41.87	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	256QAM	30	1000	-47.16	-25	PASS
CA 41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	256QAM	1000	27000	-41.29	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	QPSK	30	1000	-48.94	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	QPSK	1000	27000	-40.69	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	QPSK	30	1000	-48.22	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	QPSK	1000	27000	-41.46	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	16QAM	30	1000	-48.07	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	16QAM	1000	27000	-40.6	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	16QAM	30	1000	-47.89	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	16QAM	1000	27000	-39.94	-25	PASS

CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	64QAM	30	1000	-49.12	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	64QAM	1000	27000	-40.69	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	64QAM	30	1000	-48.76	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	64QAM	1000	27000	-40.98	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	256QAM	30	1000	-48.92	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	256QAM	1000	27000	-41.67	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	256QAM	30	1000	-47.61	-25	PASS
CA 41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	256QAM	1000	27000	-41.48	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	QPSK	30	1000	-49.13	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	QPSK	1000	27000	-36.87	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	QPSK	30	1000	-49.09	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	QPSK	1000	27000	-41.71	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	16QAM	30	1000	-49.02	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	16QAM	1000	27000	-41.72	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	16QAM	30	1000	-48.57	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	16QAM	1000	27000	-41.3	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	64QAM	30	1000	-49.19	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	64QAM	1000	27000	-41.81	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	64QAM	30	1000	-47.95	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	64QAM	1000	27000	-41.18	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	256QAM	30	1000	-48.84	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	256QAM	1000	27000	-41.03	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	256QAM	30	1000	-47.83	-25	PASS
CA 41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	256QAM	1000	27000	-41.2	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	QPSK	30	1000	-48.54	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	QPSK	1000	27000	-41.01	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	QPSK	30	1000	-48.74	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	QPSK	1000	27000	-41.73	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	16QAM	30	1000	-49.21	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	16QAM	1000	27000	-41.11	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	16QAM	30	1000	-48.31	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	16QAM	1000	27000	-41.74	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	64QAM	30	1000	-48.72	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	64QAM	1000	27000	-42.2	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	64QAM	30	1000	-47.84	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	64QAM	1000	27000	-41.77	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	256QAM	30	1000	-48.74	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	256QAM	1000	27000	-41.01	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	256QAM	30	1000	-48.9	-25	PASS
CA 41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	256QAM	1000	27000	-41.58	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	QPSK	30	1000	-49.23	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	QPSK	1000	27000	-41.53	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	QPSK	30	1000	-48.94	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	QPSK	1000	27000	-41.1	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	16QAM	30	1000	-48.94	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	16QAM	1000	27000	-41.09	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	16QAM	30	1000	-48.06	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	16QAM	1000	27000	-41.7	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	64QAM	30	1000	-48.45	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	64QAM	1000	27000	-41.33	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	64QAM	30	1000	-48.22	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	64QAM	1000	27000	-40.89	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	256QAM	30	1000	-47.97	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	256QAM	1000	27000	-41.37	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	256QAM	30	1000	-48.49	-25	PASS
CA 41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	256QAM	1000	27000	-40.84	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	QPSK	30	1000	-48.87	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	QPSK	1000	27000	-41.27	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	QPSK	30	1000	-48.56	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	QPSK	1000	27000	-41.72	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	16QAM	30	1000	-48.65	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	16QAM	1000	27000	-41.9	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	16QAM	30	1000	-48.48	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	16QAM	1000	27000	-41.04	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	64QAM	30	1000	-48.71	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	64QAM	1000	27000	-41.11	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	64QAM	30	1000	-48.95	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	64QAM	1000	27000	-41.17	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	256QAM	30	1000	-49.29	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	256QAM	1000	27000	-41.24	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	256QAM	30	1000	-49.09	-25	PASS
CA 41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	256QAM	1000	27000	-41.12	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	QPSK	30	1000	-49.37	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	QPSK	1000	27000	-41.27	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	QPSK	30	1000	-48.4	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	QPSK	1000	27000	-41.02	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	16QAM	30	1000	-48.88	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	16QAM	1000	27000	-40.77	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	16QAM	30	1000	-49.03	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	16QAM	1000	27000	-41.57	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	64QAM	30	1000	-49.44	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	64QAM	1000	27000	-40.98	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	64QAM	30	1000	-47.55	-25	PASS

CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	64QAM	1000	27000	-41.12	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	256QAM	30	1000	-49.47	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	256QAM	1000	27000	-40.68	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	256QAM	30	1000	-48.91	-25	PASS
CA 41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	256QAM	1000	27000	-41.48	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	QPSK	30	1000	-48.45	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	QPSK	1000	27000	-41.43	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	QPSK	30	1000	-48.34	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	QPSK	1000	27000	-41.22	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	16QAM	30	1000	-49.27	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	16QAM	1000	27000	-41.07	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	16QAM	30	1000	-49.27	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	16QAM	1000	27000	-41.45	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	64QAM	30	1000	-48.62	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	64QAM	1000	27000	-41.52	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	64QAM	30	1000	-48.56	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	64QAM	1000	27000	-41.45	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	256QAM	30	1000	-48.04	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	256QAM	1000	27000	-41.3	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	256QAM	30	1000	-48.49	-25	PASS
CA 41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	256QAM	1000	27000	-41.09	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	QPSK	30	1000	-48.07	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	QPSK	1000	27000	-40.19	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	QPSK	30	1000	-49.22	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	QPSK	1000	27000	-41.46	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	16QAM	30	1000	-48.65	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	16QAM	1000	27000	-41.07	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	16QAM	30	1000	-48.4	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	16QAM	1000	27000	-41.83	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	64QAM	30	1000	-49.31	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	64QAM	1000	27000	-41.66	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	64QAM	30	1000	-48.99	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	64QAM	1000	27000	-41.77	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	256QAM	30	1000	-48.32	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	256QAM	1000	27000	-42.06	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	256QAM	30	1000	-48.07	-25	PASS
CA 41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	256QAM	1000	27000	-41.16	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	QPSK	30	1000	-49.13	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	QPSK	1000	27000	-41.49	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	QPSK	30	1000	-47.62	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	QPSK	1000	27000	-40.27	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	16QAM	30	1000	-49.09	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	16QAM	1000	27000	-40.87	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	16QAM	30	1000	-48.64	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	16QAM	1000	27000	-40.74	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	64QAM	30	1000	-49.18	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	64QAM	1000	27000	-41.54	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	64QAM	30	1000	-48.44	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	64QAM	1000	27000	-41.57	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	256QAM	30	1000	-48.27	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	256QAM	1000	27000	-40.81	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	256QAM	30	1000	-47.53	-25	PASS
CA 41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	256QAM	1000	27000	-41.41	-25	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	QPSK	30	1000	-48.55	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	QPSK	1000	20000	-28.77	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	QPSK	30	1000	-49.35	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	QPSK	1000	20000	-28.12	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	16QAM	30	1000	-47.95	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	16QAM	1000	20000	-28.67	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	16QAM	30	1000	-48.95	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	16QAM	1000	20000	-27.85	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	64QAM	30	1000	-48.84	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	64QAM	1000	20000	-27.88	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	64QAM	30	1000	-48.68	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	64QAM	1000	20000	-28.36	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	256QAM	30	1000	-48.02	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	256QAM	1000	20000	-29.08	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	256QAM	30	1000	-48.96	-13	PASS
CA 66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	256QAM	1000	20000	-28.72	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	QPSK	30	1000	-49.12	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	QPSK	1000	20000	-28.67	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	QPSK	30	1000	-48.29	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	QPSK	1000	20000	-28.64	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	16QAM	30	1000	-48.63	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	16QAM	1000	20000	-28.49	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	16QAM	30	1000	-48.72	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	16QAM	1000	20000	-28.5	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	64QAM	30	1000	-48.62	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	64QAM	1000	20000	-27.93	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	64QAM	30	1000	-49.02	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	64QAM	1000	20000	-28.49	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	256QAM	30	1000	-48.71	-13	PASS
CA 66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	256QAM	1000	20000	-28.73	-13	PASS

CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	256QAM	30	1000	-48.97	-13	PASS
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	256QAM	1000	20000	-28.25	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	QPSK	30	1000	-48.23	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	QPSK	1000	20000	-28.11	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	QPSK	30	1000	-47.38	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	QPSK	1000	20000	-27.96	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	16QAM	30	1000	-48.14	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	16QAM	1000	20000	-27.49	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	16QAM	30	1000	-48.37	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	16QAM	1000	20000	-28.0	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	64QAM	30	1000	-48.97	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	64QAM	1000	20000	-27.73	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	64QAM	30	1000	-48.32	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	64QAM	1000	20000	-27.36	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	256QAM	30	1000	-48.48	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	256QAM	1000	20000	-28.31	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	256QAM	30	1000	-49.23	-13	PASS
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	256QAM	1000	20000	-28.55	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	QPSK	30	1000	-49.29	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	QPSK	1000	20000	-29.32	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	QPSK	30	1000	-49.41	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	QPSK	1000	20000	-29.74	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	16QAM	30	1000	-48.45	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	16QAM	1000	20000	-29.12	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	16QAM	30	1000	-48.4	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	16QAM	1000	20000	-29.7	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	64QAM	30	1000	-47.6	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	64QAM	1000	20000	-28.85	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	64QAM	30	1000	-48.23	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	64QAM	1000	20000	-28.7	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	256QAM	30	1000	-48.21	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	256QAM	1000	20000	-29.93	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	256QAM	30	1000	-48.92	-13	PASS
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	256QAM	1000	20000	-29.22	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	QPSK	30	1000	-49.56	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	QPSK	1000	20000	-28.1	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	QPSK	30	1000	-48.73	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	QPSK	1000	20000	-27.51	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	16QAM	30	1000	-48.6	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	16QAM	1000	20000	-28.62	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	16QAM	30	1000	-47.9	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	16QAM	1000	20000	-28.74	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	64QAM	30	1000	-49.42	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	64QAM	1000	20000	-28.81	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	64QAM	30	1000	-48.57	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	64QAM	1000	20000	-28.05	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	256QAM	30	1000	-49.26	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	256QAM	1000	20000	-29.1	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	256QAM	30	1000	-48.02	-13	PASS
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	256QAM	1000	20000	-27.71	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	QPSK	30	1000	-49.03	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	QPSK	1000	20000	-27.62	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	QPSK	30	1000	-48.99	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	QPSK	1000	20000	-28.61	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	16QAM	30	1000	-48.77	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	16QAM	1000	20000	-27.83	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	16QAM	30	1000	-48.4	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	16QAM	1000	20000	-28.63	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	64QAM	30	1000	-49.05	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	64QAM	1000	20000	-26.03	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	64QAM	30	1000	-48.04	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	64QAM	1000	20000	-28.24	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	256QAM	30	1000	-49.12	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	256QAM	1000	20000	-28.75	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	256QAM	30	1000	-49.25	-13	PASS
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	256QAM	1000	20000	-27.27	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	QPSK	30	1000	-48.96	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	QPSK	1000	20000	-27.94	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	QPSK	30	1000	-48.58	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	QPSK	1000	20000	-28.32	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	16QAM	30	1000	-49.28	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	16QAM	1000	20000	-28.92	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	16QAM	30	1000	-48.8	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	16QAM	1000	20000	-29.37	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	64QAM	30	1000	-49.02	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	64QAM	1000	20000	-29.93	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	64QAM	30	1000	-48.46	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	64QAM	1000	20000	-30.36	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	256QAM	30	1000	-48.93	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	256QAM	1000	20000	-29.66	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	256QAM	30	1000	-48.34	-13	PASS
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	256QAM	1000	20000	-29.25	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	QPSK	30	1000	-49.77	-13	PASS

CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	QPSK	1000	20000	-29.57	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	QPSK	30	1000	-48.96	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	QPSK	1000	20000	-29.18	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	16QAM	30	1000	-49.19	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	16QAM	1000	20000	-28.31	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	16QAM	30	1000	-48.44	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	16QAM	1000	20000	-28.65	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	64QAM	30	1000	-48.62	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	64QAM	1000	20000	-28.39	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	64QAM	30	1000	-49.53	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	64QAM	1000	20000	-28.11	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	256QAM	30	1000	-48.9	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	256QAM	1000	20000	-28.78	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	256QAM	30	1000	-49.53	-13	PASS
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	256QAM	1000	20000	-26.97	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	QPSK	30	1000	-48.82	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	QPSK	1000	20000	-28.31	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	QPSK	30	1000	-49.0	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	QPSK	1000	20000	-29.28	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	16QAM	30	1000	-48.76	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	16QAM	1000	20000	-28.23	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	16QAM	30	1000	-48.74	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	16QAM	1000	20000	-28.99	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	64QAM	30	1000	-48.84	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	64QAM	1000	20000	-27.47	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	64QAM	30	1000	-48.82	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	64QAM	1000	20000	-28.92	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	256QAM	30	1000	-48.52	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	256QAM	1000	20000	-27.52	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	256QAM	30	1000	-48.99	-13	PASS
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	256QAM	1000	20000	-28.26	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	QPSK	30	1000	-48.71	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	QPSK	1000	20000	-24.75	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	QPSK	30	1000	-48.01	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	QPSK	1000	20000	-25.15	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	16QAM	30	1000	-49.13	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	16QAM	1000	20000	-25.37	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	16QAM	30	1000	-47.43	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	16QAM	1000	20000	-26.58	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	64QAM	30	1000	-49.4	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	64QAM	1000	20000	-26.16	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	64QAM	30	1000	-48.28	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	64QAM	1000	20000	-27.1	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	256QAM	30	1000	-48.46	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	256QAM	1000	20000	-23.41	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	256QAM	30	1000	-48.01	-13	PASS
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	256QAM	1000	20000	-25.09	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	QPSK	30	1000	-48.91	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	QPSK	1000	20000	-22.24	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	QPSK	30	1000	-48.66	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	QPSK	1000	20000	-21.77	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	16QAM	30	1000	-49.27	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	16QAM	1000	20000	-22.04	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	16QAM	30	1000	-48.17	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	16QAM	1000	20000	-22.6	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	64QAM	30	1000	-48.98	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	64QAM	1000	20000	-21.47	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	64QAM	30	1000	-49.35	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	64QAM	1000	20000	-21.68	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	256QAM	30	1000	-48.7	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	256QAM	1000	20000	-20.8	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	256QAM	30	1000	-49.47	-13	PASS
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	256QAM	1000	20000	-22.49	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	QPSK	30	1000	-49.07	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	QPSK	1000	20000	-20.93	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	QPSK	30	1000	-48.91	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	QPSK	1000	20000	-20.81	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	16QAM	30	1000	-48.68	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	16QAM	1000	20000	-20.77	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	16QAM	30	1000	-49.08	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	16QAM	1000	20000	-20.46	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	64QAM	30	1000	-49.08	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	64QAM	1000	20000	-21.83	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	64QAM	30	1000	-49.11	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	64QAM	1000	20000	-20.84	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	256QAM	30	1000	-49.07	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	256QAM	1000	20000	-20.36	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	256QAM	30	1000	-48.87	-13	PASS
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	256QAM	1000	20000	-21.93	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	QPSK	30	1000	-48.77	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	QPSK	1000	20000	-20.82	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	QPSK	30	1000	-48.47	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	QPSK	1000	20000	-19.27	-13	PASS

CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	16QAM	30	1000	-48.28	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	16QAM	1000	20000	-20.6	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	16QAM	30	1000	-48.21	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	16QAM	1000	20000	-20.41	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	64QAM	30	1000	-48.66	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	64QAM	1000	20000	-20.11	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	64QAM	30	1000	-48.67	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	64QAM	1000	20000	-21.64	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	256QAM	30	1000	-48.33	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	256QAM	1000	20000	-20.94	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	256QAM	30	1000	-48.16	-13	PASS
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	256QAM	1000	20000	-21.13	-13	PASS
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	QPSK	30	1000	-47.71	-13	PASS
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	QPSK	1000	20000	-21.72	-13	PASS
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	QPSK	30	1000	-48.61	-13	PASS
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	QPSK	1000	20000	-22.02	-13	PASS
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	16QAM	30	1000	-48.18	-13	PASS
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	16QAM	1000	20000	-21.83	-13	PASS
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	16QAM	30	1000	-49.35	-13	PASS
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	16QAM	1000	20000	-22.2	-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	-21.82	-13	PASS
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	64QAM	30	1000	-48.92	-13	PASS
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	64QAM	1000	20000	-22.01	-13	PASS
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	256QAM	30	1000	-47.92	-13	PASS
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	256QAM	1000	20000	-21.62	-13	PASS
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	256QAM	30	1000	-49.09	-13	PASS
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	256QAM	1000	20000	-21.27	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	QPSK	30	1000	-49.24	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	QPSK	1000	20000	-23.29	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	QPSK	30	1000	-48.81	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	QPSK	1000	20000	-22.77	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	16QAM	30	1000	-48.18	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	16QAM	1000	20000	-22.02	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	16QAM	30	1000	-47.35	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	16QAM	1000	20000	-22.44	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	64QAM	30	1000	-49.11	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	64QAM	1000	20000	-22.7	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	64QAM	30	1000	-48.65	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	64QAM	1000	20000	-20.81	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	256QAM	30	1000	-49.6	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	256QAM	1000	20000	-21.48	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	256QAM	30	1000	-48.28	-13	PASS
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	256QAM	1000	20000	-22.18	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	QPSK	30	1000	-48.95	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	QPSK	1000	20000	-20.23	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	QPSK	30	1000	-49.13	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	QPSK	1000	20000	-21.16	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	16QAM	30	1000	-48.98	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	16QAM	1000	20000	-20.9	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	16QAM	30	1000	-48.78	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	16QAM	1000	20000	-18.98	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	64QAM	30	1000	-48.81	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	64QAM	1000	20000	-20.3	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	64QAM	30	1000	-49.23	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	64QAM	1000	20000	-21.52	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	256QAM	30	1000	-48.97	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	256QAM	1000	20000	-21.33	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	256QAM	30	1000	-49.11	-13	PASS
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	256QAM	1000	20000	-20.14	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	QPSK	30	1000	-48.83	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	QPSK	1000	20000	-20.75	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	QPSK	30	1000	-48.25	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	QPSK	1000	20000	-20.66	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	16QAM	30	1000	-49.0	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	16QAM	1000	20000	-19.32	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	16QAM	30	1000	-48.56	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	16QAM	1000	20000	-21.62	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	64QAM	30	1000	-49.29	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	64QAM	1000	20000	-20.09	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	64QAM	30	1000	-49.08	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	64QAM	1000	20000	-21.03	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	256QAM	30	1000	-48.83	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	256QAM	1000	20000	-19.86	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	256QAM	30	1000	-48.76	-13	PASS
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	256QAM	1000	20000	-22.17	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	QPSK	30	1000	-48.65	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	QPSK	1000	20000	-20.88	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	QPSK	30	1000	-48.88	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	QPSK	1000	20000	-21.51	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	16QAM	30	1000	-48.74	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	16QAM	1000	20000	-19.67	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	16QAM	30	1000	-48.13	-13	PASS

CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	16QAM	1000	20000	-20.41	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	64QAM	30	1000	-48.56	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	64QAM	1000	20000	-21.19	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	64QAM	30	1000	-48.83	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	64QAM	1000	20000	-20.3	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	256QAM	30	1000	-48.3	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	256QAM	1000	20000	-22.25	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	256QAM	30	1000	-48.32	-13	PASS
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	256QAM	1000	20000	-22.32	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	QPSK	30	1000	-48.54	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	QPSK	1000	20000	-20.95	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	QPSK	30	1000	-48.69	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	QPSK	1000	20000	-21.92	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	16QAM	30	1000	-48.02	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	16QAM	1000	20000	-21.33	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	16QAM	30	1000	-48.11	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	16QAM	1000	20000	-21.6	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	64QAM	30	1000	-48.3	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	64QAM	1000	20000	-21.69	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	64QAM	30	1000	-48.6	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	64QAM	1000	20000	-21.84	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	256QAM	30	1000	-48.91	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	256QAM	1000	20000	-21.67	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	256QAM	30	1000	-49.31	-13	PASS
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	256QAM	1000	20000	-21.77	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	QPSK	30	1000	-48.41	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	QPSK	1000	20000	-20.4	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	QPSK	30	1000	-49.16	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	QPSK	1000	20000	-23.39	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	16QAM	30	1000	-49.21	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	16QAM	1000	20000	-22.8	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	16QAM	30	1000	-49.15	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	16QAM	1000	20000	-21.84	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	64QAM	30	1000	-48.63	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	64QAM	1000	20000	-22.05	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	64QAM	30	1000	-48.61	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	64QAM	1000	20000	-22.1	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	256QAM	30	1000	-48.63	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	256QAM	1000	20000	-23.17	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	256QAM	30	1000	-48.45	-13	PASS
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	256QAM	1000	20000	-22.1	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	QPSK	30	1000	-49.26	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	QPSK	1000	20000	-22.19	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	QPSK	30	1000	-48.72	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	QPSK	1000	20000	-22.29	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	16QAM	30	1000	-49.0	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	16QAM	1000	20000	-22.34	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	16QAM	30	1000	-49.12	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	16QAM	1000	20000	-21.28	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	64QAM	30	1000	-48.83	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	64QAM	1000	20000	-21.85	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	64QAM	30	1000	-49.11	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	64QAM	1000	20000	-22.16	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	256QAM	30	1000	-48.82	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	256QAM	1000	20000	-22.69	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	256QAM	30	1000	-48.86	-13	PASS
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	256QAM	1000	20000	-21.92	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	QPSK	30	1000	-49.4	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	QPSK	1000	20000	-29.35	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	QPSK	30	1000	-49.08	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	QPSK	1000	20000	-29.68	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	16QAM	30	1000	-49.1	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	16QAM	1000	20000	-28.39	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	16QAM	30	1000	-48.03	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	16QAM	1000	20000	-29.86	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	64QAM	30	1000	-48.79	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	64QAM	1000	20000	-29.35	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	64QAM	30	1000	-48.69	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	64QAM	1000	20000	-29.56	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	256QAM	30	1000	-48.54	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	256QAM	1000	20000	-29.03	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	256QAM	30	1000	-48.63	-13	PASS
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	256QAM	1000	20000	-30.48	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	QPSK	30	1000	-48.53	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	QPSK	1000	20000	-30.45	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	QPSK	30	1000	-46.96	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	QPSK	1000	20000	-31.31	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	16QAM	30	1000	-48.24	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	16QAM	1000	20000	-30.11	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	16QAM	30	1000	-49.41	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	16QAM	1000	20000	-30.58	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	64QAM	30	1000	-48.65	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	64QAM	1000	20000	-29.72	-13	PASS



CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	64QAM	30	1000	-48.63	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	64QAM	1000	20000	-30.54	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	256QAM	30	1000	-49.38	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	256QAM	1000	20000	-30.43	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	256QAM	30	1000	-48.42	-13	PASS
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	256QAM	1000	20000	-27.43	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	QPSK	30	1000	-48.53	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	QPSK	1000	20000	-29.91	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	QPSK	30	1000	-48.42	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	QPSK	1000	20000	-30.72	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	16QAM	30	1000	-48.32	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	16QAM	1000	20000	-32.38	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	16QAM	30	1000	-48.65	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	16QAM	1000	20000	-29.43	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	64QAM	30	1000	-48.86	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	64QAM	1000	20000	-31.11	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	64QAM	30	1000	-48.39	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	64QAM	1000	20000	-31.45	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	256QAM	30	1000	-48.52	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	256QAM	1000	20000	-31.2	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	256QAM	30	1000	-48.65	-13	PASS
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	256QAM	1000	20000	-31.05	-13	PASS





