

Transmitter Conducted Output Power And ERP/EIRP

Band	PCC_BW (MHz)	SCC_BW (MHz)	PCC ARFCN	SCC ARFCN	PCC Freq	SCC Freq	PCC_RB	SCC_RB	Modulation	PCC_Power (dBm)	SCC_Power (dBm)	Total_Power (dBm)	ERP/EIRP (dBm)	Limit (dBm)
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	QPSK	16.83	9.64	17.59	10.24	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	QPSK	16.74	7.74	17.25	9.90	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	16QAM	17.14	8.98	17.76	10.41	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	16QAM	15.45	6.68	15.99	8.64	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	64QAM	15.46	10.46	16.65	9.30	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	64QAM	15.62	5.91	16.06	8.71	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	256QAM	16.77	10.05	17.61	10.26	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	256QAM	15.7	6.2	16.16	8.81	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	QPSK	17.57	7.16	17.95	10.60	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	QPSK	16.67	7.02	17.12	9.77	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	16QAM	17.11	7.99	17.61	10.26	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	16QAM	15.96	6.22	16.40	9.05	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	64QAM	13.56	5.27	14.16	6.81	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	64QAM	16.72	6.42	17.11	9.76	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	256QAM	15.59	5.71	16.01	8.66	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	256QAM	15.69	6.01	16.13	8.78	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	QPSK	17.06	5.57	17.36	10.01	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	QPSK	16.53	6.78	16.97	9.62	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	16QAM	17.37	9.51	18.03	10.68	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	16QAM	15.98	6.11	16.41	9.06	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	64QAM	15.28	3.94	15.59	8.24	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	64QAM	16.06	5.37	16.42	9.07	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	256QAM	16.14	3.82	16.39	9.04	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	256QAM	15.81	5.88	16.23	8.88	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	QPSK	17.09	10.22	17.90	10.55	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	QPSK	16.72	8.91	17.39	10.04	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	16QAM	16.91	9.61	17.65	10.30	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	16QAM	15.26	6.36	15.79	8.44	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	64QAM	11.19	10.61	13.92	6.57	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	64QAM	15.62	6.3	16.10	8.75	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	256QAM	12.42	12.75	15.60	8.25	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	256QAM	15.73	5.84	16.15	8.80	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	QPSK	16.29	7.71	16.85	9.50	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	QPSK	16.18	6.65	16.64	9.29	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	16QAM	16.1	9.57	16.97	9.62	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	16QAM	15.73	5.98	16.17	8.82	38.45

CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	64QAM	8.19	6.76	10.54	3.19	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	64QAM	15.97	5.29	16.33	8.98	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	256QAM	17.2	4.76	17.44	10.09	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	256QAM	15.64	5.85	16.07	8.72	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	QPSK	16.53	7.1	17.00	9.65	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	QPSK	16.66	6.77	17.08	9.73	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	16QAM	10.35	6.43	11.83	4.48	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	16QAM	15.6	5.45	16.00	8.65	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	64QAM	16.5	8.51	17.14	9.79	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	64QAM	15.05	6.43	15.61	8.26	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	256QAM	17.77	5.73	18.03	10.68	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	256QAM	16.31	5.95	16.69	9.34	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	QPSK	17.39	10.03	18.12	10.77	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	QPSK	16.43	6.8	16.88	9.53	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	16QAM	16.32	10.74	17.38	10.03	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	16QAM	15.88	6.58	16.36	9.01	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	64QAM	15.48	14.28	17.93	10.58	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	64QAM	15.18	6.03	15.68	8.33	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	256QAM	15.5	11.77	17.03	9.68	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	256QAM	15.59	6.04	16.05	8.70	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	QPSK	16.67	8.06	17.23	9.88	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	QPSK	16.44	7	16.91	9.56	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	16QAM	15.35	6.66	15.90	8.55	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	16QAM	15.97	6.64	16.45	9.10	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	64QAM	15.96	4.16	16.24	8.89	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	64QAM	15.93	5.85	16.34	8.99	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	256QAM	15.64	6.31	16.12	8.77	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	256QAM	16.46	5.99	16.83	9.48	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	QPSK	16.09	6.89	16.58	9.23	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	QPSK	16.71	6.78	17.13	9.78	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	16QAM	16.15	9.55	17.01	9.66	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	16QAM	15.8	5.63	16.20	8.85	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	64QAM	14.97	1.52	15.16	7.81	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	64QAM	15.57	5.83	16.01	8.66	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	256QAM	13.59	3.35	13.98	6.63	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	256QAM	15.81	5.95	16.24	8.89	38.45
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	QPSK	12.67	9.56	14.40	13.10	33.01
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	QPSK	12.89	10.67	14.93	13.63	33.01

CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	16QAM	12.57	10.43	14.64	13.34	33.01
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	16QAM	12.51	11.42	15.01	13.71	33.01
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	64QAM	12.7	9.83	14.51	13.21	33.01
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	64QAM	11.73	10.84	14.32	13.02	33.01
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	256QAM	9.1	9.59	12.36	11.06	33.01
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	256QAM	12.66	9.72	14.44	13.14	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	QPSK	12.05	10.65	14.42	13.12	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	QPSK	12.08	10.63	14.43	13.13	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	16QAM	11.56	8.68	13.36	12.06	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	16QAM	13.82	9.68	15.24	13.94	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	64QAM	13.42	9.97	15.04	13.74	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	64QAM	13.17	9.27	14.65	13.35	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	256QAM	13.87	7.95	14.86	13.56	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	256QAM	13.74	8.22	14.81	13.51	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	QPSK	13.56	9.66	15.04	13.74	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	QPSK	13.18	10.4	15.02	13.72	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	16QAM	13.26	9.51	14.79	13.49	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	16QAM	12.26	9.8	14.21	12.91	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	64QAM	13.38	8.22	14.54	13.24	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	64QAM	13.96	9.51	15.29	13.99	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	256QAM	13.38	9.16	14.77	13.47	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	256QAM	12.33	9.54	14.17	12.87	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	QPSK	12.83	11.32	15.15	13.85	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	QPSK	11.05	10.27	13.69	12.39	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	16QAM	12.48	10.84	14.75	13.45	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	16QAM	11.2	9.47	13.43	12.13	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	64QAM	11.97	7.6	13.32	12.02	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	64QAM	11.21	9.37	13.40	12.10	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	256QAM	8.02	6.21	10.22	8.92	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	256QAM	8.24	9.52	11.94	10.64	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	QPSK	11.98	10.6	14.35	13.05	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	QPSK	12.13	10.17	14.27	12.97	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	16QAM	11.08	9.81	13.50	12.20	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	16QAM	13.13	10.46	15.01	13.71	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	64QAM	12.35	11.36	14.89	13.59	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	64QAM	12.65	9.69	14.43	13.13	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	256QAM	13.01	10.95	15.11	13.81	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	256QAM	12.41	9.12	14.08	12.78	33.01

CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	QPSK	12.82	11.87	15.38	14.08	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	QPSK	11.97	10.16	14.17	12.87	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	16QAM	12.29	10.44	14.47	13.17	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	16QAM	13.2	9.47	14.73	13.43	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	64QAM	13.2	6.17	13.99	12.69	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	64QAM	13.24	8.93	14.61	13.31	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	256QAM	10.82	6.96	12.32	11.02	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	256QAM	13.22	9.39	14.72	13.42	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	QPSK	12.68	9.78	14.48	13.18	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	QPSK	13.34	10.1	15.03	13.73	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	16QAM	8.06	9.41	11.80	10.50	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	16QAM	12.31	9.99	14.31	13.01	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	64QAM	10.36	10.11	13.25	11.95	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	64QAM	12.38	9.24	14.10	12.80	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	256QAM	13.2	10.06	14.92	13.62	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	256QAM	12.57	9.57	14.33	13.03	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	QPSK	13.31	9.4	14.79	13.49	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	QPSK	12.57	10.89	14.82	13.52	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	16QAM	11.8	9.62	13.86	12.56	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	16QAM	12.52	10.76	14.74	13.44	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	64QAM	12.6	10.47	14.67	13.37	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	64QAM	12.93	10.85	15.02	13.72	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	256QAM	11.54	10.11	13.89	12.59	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	256QAM	12.41	9.68	14.27	12.97	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	QPSK	12.65	11.18	14.99	13.69	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	QPSK	12.51	11.02	14.84	13.54	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	16QAM	10.64	11.28	13.98	12.68	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	16QAM	10.89	10.01	13.48	12.18	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	64QAM	13.04	8.77	14.42	13.12	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	64QAM	11.96	10.53	14.31	13.01	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	256QAM	12.96	9.66	14.63	13.33	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	256QAM	11.9	10.07	14.09	12.79	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	QPSK	12.96	9.98	14.73	13.43	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	QPSK	12.36	10.91	14.71	13.41	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	16QAM	12.75	10.08	14.63	13.33	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	16QAM	11.72	9.99	13.95	12.65	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	64QAM	12.56	11.13	14.91	13.61	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	64QAM	11.91	9.97	14.06	12.76	33.01

CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	256QAM	9.02	9.83	12.45	11.15	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	256QAM	11.45	10.07	13.82	12.52	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	QPSK	11.79	10.28	14.11	12.81	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	QPSK	12.64	10.92	14.87	13.57	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	16QAM	12.09	10.95	14.57	13.27	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	16QAM	12.78	9.92	14.59	13.29	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	64QAM	12.13	6.99	13.29	11.99	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	64QAM	13.01	10.05	14.79	13.49	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	256QAM	12.81	11.24	15.11	13.81	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	256QAM	12.64	10.18	14.59	13.29	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	QPSK	12.03	11.26	14.67	13.37	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	QPSK	12.28	10.82	14.62	13.32	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	16QAM	13.24	10.45	15.08	13.78	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	16QAM	13.31	9.65	14.86	13.56	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	64QAM	10.47	8.36	12.55	11.25	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	64QAM	11.58	10.2	13.95	12.65	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	256QAM	13.29	8.48	14.53	13.23	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	256QAM	11.57	9.96	13.85	12.55	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	QPSK	12.34	9.75	14.25	12.95	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	QPSK	12.32	10.93	14.69	13.39	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	16QAM	13.23	9.32	14.71	13.41	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	16QAM	11.49	10.49	14.03	12.73	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	64QAM	12.34	11.3	14.86	13.56	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	64QAM	11.4	10.51	13.99	12.69	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	256QAM	10.92	9.66	13.35	12.05	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	256QAM	11.91	10.4	14.23	12.93	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	QPSK	12.03	9.58	13.99	12.69	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	QPSK	12.71	10.95	14.93	13.63	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	16QAM	11.61	11.54	14.59	13.29	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	16QAM	12.39	10.25	14.46	13.16	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	64QAM	12.85	10.53	14.85	13.55	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	64QAM	11.97	9.31	13.85	12.55	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	256QAM	11.65	10.6	14.17	12.87	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	256QAM	11.96	9.99	14.10	12.80	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	QPSK	13.05	9.91	14.77	13.47	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	QPSK	12.61	10.93	14.86	13.56	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	16QAM	10.61	9.26	13.00	11.70	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	16QAM	11.9	9.76	13.97	12.67	33.01

CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	64QAM	9.72	9.3	12.53	11.23	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	64QAM	12.2	10.24	14.34	13.04	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	256QAM	11.46	9.74	13.69	12.39	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	256QAM	11.81	10.02	14.02	12.72	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	QPSK	12.29	10.47	14.48	13.18	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	QPSK	12.66	10.97	14.91	13.61	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	16QAM	12.87	10.61	14.90	13.60	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	16QAM	12.12	9.35	13.96	12.66	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	64QAM	11.34	10.8	14.09	12.79	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	64QAM	11.48	9.73	13.70	12.40	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	256QAM	10.72	7.07	12.28	10.98	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	256QAM	11.21	10.13	13.71	12.41	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	QPSK	12.47	11.55	15.04	13.74	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	QPSK	11.71	10.96	14.36	13.06	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	16QAM	12.81	10.06	14.66	13.36	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	16QAM	11.09	10.06	13.62	12.32	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	64QAM	12.93	9.78	14.64	13.34	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	64QAM	11.28	10.45	13.90	12.60	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	256QAM	10.46	9.8	13.15	11.85	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	256QAM	11.83	10.07	14.05	12.75	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	QPSK	12.74	9.64	14.47	13.17	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	QPSK	11.72	10.9	14.34	13.04	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	16QAM	12.42	8.85	14.00	12.70	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	16QAM	11.01	9.57	13.36	12.06	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	64QAM	12.66	10.25	14.63	13.33	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	64QAM	11.32	9.84	13.65	12.35	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	256QAM	12.64	10.66	14.77	13.47	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	256QAM	12.9	9.91	14.67	13.37	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	QPSK	15.88	11.36	17.19	15.89	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	QPSK	15.75	10.11	16.80	15.50	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	16QAM	16.66	11.25	17.76	16.46	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	16QAM	15.16	9.39	16.18	14.88	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	64QAM	15.23	9.31	16.22	14.92	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	64QAM	15.16	9.42	16.19	14.89	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	256QAM	15.16	9.44	16.19	14.89	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	256QAM	15.12	9.45	16.16	14.86	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	QPSK	17.82	12.44	18.93	17.63	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	QPSK	15.86	10.08	16.88	15.58	33.01

CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	16QAM	16.39	11.41	17.59	16.29	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	16QAM	15.02	9.18	16.03	14.73	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	64QAM	14.76	9.39	15.87	14.57	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	64QAM	15.06	9.2	16.06	14.76	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	256QAM	14.43	9.49	15.64	14.34	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	256QAM	15.05	9.21	16.06	14.76	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	QPSK	17.54	12.65	18.76	17.46	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	QPSK	16.04	10.34	17.08	15.78	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	16QAM	16.64	11.64	17.83	16.53	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	16QAM	15.18	9.36	16.19	14.89	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	64QAM	14.92	9.57	16.03	14.73	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	64QAM	15.21	9.37	16.22	14.92	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	256QAM	14.58	9.72	15.81	14.51	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	256QAM	15.22	9.39	16.23	14.93	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	QPSK	17.62	12.48	18.78	17.48	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	QPSK	16	10.11	17.00	15.70	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	16QAM	16.61	11.46	17.77	16.47	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	16QAM	15.11	9.18	16.10	14.80	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	64QAM	14.77	9.42	15.88	14.58	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	64QAM	15.05	9.24	16.06	14.76	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	256QAM	14.77	9.55	15.91	14.61	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	256QAM	15.11	9.19	16.10	14.80	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	QPSK	17.1	12.65	18.43	17.13	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	QPSK	16.08	10.29	17.10	15.80	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	16QAM	17.03	11.66	18.14	16.84	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	16QAM	15.21	9.34	16.21	14.91	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	64QAM	14.94	9.61	16.06	14.76	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	64QAM	15.23	9.35	16.23	14.93	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	256QAM	14.74	9.75	15.94	14.64	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	256QAM	15.22	9.44	16.24	14.94	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	QPSK	17.88	12.46	18.98	17.68	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	QPSK	15.98	10.18	16.99	15.69	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	16QAM	16.65	11.51	17.81	16.51	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	16QAM	15.15	9.21	16.14	14.84	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	64QAM	15.17	9.43	16.20	14.90	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	64QAM	15.09	9.25	16.10	14.80	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	256QAM	14.44	9.54	15.66	14.36	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	256QAM	15.09	9.24	16.09	14.79	33.01

CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	QPSK	12.15	10.08	14.25	12.95	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	QPSK	11.96	10.41	14.27	12.97	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	16QAM	12.58	10.25	14.58	13.28	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	16QAM	13.52	11.20	15.52	14.22	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	64QAM	12.15	11.63	14.91	13.61	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	64QAM	12.83	10.81	14.95	13.65	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	256QAM	13.10	11.42	15.35	14.05	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	256QAM	12.69	10.19	14.63	13.33	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	QPSK	12.34	11.48	14.94	13.64	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	QPSK	12.62	10.39	14.66	13.36	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	16QAM	13.19	10.17	14.95	13.65	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	16QAM	13.12	10.98	15.19	13.89	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	64QAM	10.89	10.05	13.50	12.20	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	64QAM	12.85	10.40	14.81	13.51	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	256QAM	9.98	9.61	12.81	11.51	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	256QAM	12.81	10.78	14.92	13.62	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	QPSK	11.69	9.76	13.84	12.54	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	QPSK	11.93	10.05	14.10	12.80	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	16QAM	12.35	10.92	14.70	13.40	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	16QAM	12.82	11.49	15.22	13.92	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	64QAM	13.01	11.14	15.18	13.88	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	64QAM	12.71	10.92	14.92	13.62	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	256QAM	12.47	10.32	14.54	13.24	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	256QAM	12.30	11.32	14.85	13.55	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	QPSK	12.93	9.97	14.71	13.41	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	QPSK	13.20	11.47	15.43	14.13	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	16QAM	12.38	11.77	15.09	13.79	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	16QAM	13.15	10.44	15.01	13.71	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	64QAM	12.94	11.13	15.14	13.84	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	64QAM	12.63	10.14	14.58	13.28	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	256QAM	12.64	10.77	14.82	13.52	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	256QAM	12.33	10.95	14.70	13.40	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	QPSK	13.83	10.03	15.34	14.04	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	QPSK	13.09	11.38	15.33	14.03	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	16QAM	10.97	9.81	13.44	12.14	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	16QAM	12.62	10.24	14.60	13.30	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	64QAM	10.50	10.26	13.39	12.09	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	64QAM	12.51	10.27	14.55	13.25	33.01

CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	256QAM	12.14	10.47	14.40	13.10	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	256QAM	12.16	10.83	14.55	13.25	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	QPSK	13.02	11.44	15.31	14.01	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	QPSK	13.20	11.15	15.31	14.01	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	16QAM	13.03	11.57	15.37	14.07	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	16QAM	12.87	10.50	14.85	13.55	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	64QAM	12.09	11.15	14.65	13.35	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	64QAM	12.59	10.11	14.53	13.23	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	256QAM	12.81	11.07	15.04	13.74	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	256QAM	12.52	12.18	15.36	14.06	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	QPSK	12.52	10.30	14.57	13.27	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	QPSK	13.69	10.94	15.54	14.24	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	16QAM	12.69	9.87	14.51	13.21	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	16QAM	12.17	11.52	14.86	13.56	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	64QAM	12.67	10.87	14.88	13.58	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	64QAM	13.15	10.47	15.02	13.72	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	256QAM	13.06	11.59	15.40	14.10	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	256QAM	11.30	9.61	13.55	12.25	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	QPSK	12.71	10.73	14.84	13.54	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	QPSK	10.63	10.14	13.40	12.10	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	16QAM	12.62	10.50	14.69	13.39	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	16QAM	12.11	9.86	14.14	12.84	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	64QAM	12.14	10.65	14.47	13.17	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	64QAM	13.13	11.03	15.22	13.92	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	256QAM	13.09	11.34	15.32	14.02	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	256QAM	13.76	10.70	15.50	14.20	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	QPSK	12.33	10.51	14.53	13.23	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	QPSK	12.59	11.32	15.01	13.71	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	16QAM	12.83	9.82	14.59	13.29	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	16QAM	13.39	11.35	15.50	14.20	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	64QAM	12.52	12.03	15.29	13.99	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	64QAM	12.75	10.29	14.70	13.40	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	256QAM	12.88	11.33	15.19	13.89	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	256QAM	12.67	9.82	14.49	13.19	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	QPSK	12.39	10.71	14.64	13.34	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	QPSK	12.04	10.80	14.47	13.17	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	16QAM	13.28	10.28	15.05	13.75	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	16QAM	12.71	11.30	15.08	13.78	33.01

CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	64QAM	11.55	9.32	13.59	12.29	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	64QAM	12.46	10.20	14.49	13.19	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	256QAM	10.15	10.23	13.20	11.90	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	256QAM	12.42	10.85	14.72	13.42	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	QPSK	11.56	10.25	13.96	12.66	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	QPSK	12.59	10.41	14.64	13.34	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	16QAM	13.16	10.95	15.20	13.90	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	16QAM	13.00	11.63	15.38	14.08	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	64QAM	12.93	11.60	15.33	14.03	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	64QAM	12.39	10.35	14.50	13.20	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	256QAM	12.10	10.74	14.48	13.18	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	256QAM	12.57	10.13	14.53	13.23	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	QPSK	13.53	11.55	15.67	14.37	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	QPSK	11.70	11.79	14.76	13.46	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	16QAM	12.46	10.78	14.71	13.41	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	16QAM	13.64	10.58	15.39	14.09	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	64QAM	12.23	9.61	14.13	12.83	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	64QAM	12.48	11.25	14.92	13.62	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	256QAM	12.14	10.38	14.36	13.06	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	256QAM	13.91	9.95	15.37	14.07	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	QPSK	13.56	11.36	15.61	14.31	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	QPSK	11.23	9.90	13.63	12.33	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	16QAM	12.84	10.25	14.75	13.45	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	16QAM	10.38	10.08	13.24	11.94	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	64QAM	12.65	10.56	14.74	13.44	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	64QAM	12.04	9.75	14.06	12.76	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	256QAM	11.91	10.59	14.31	13.01	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	256QAM	12.41	10.77	14.68	13.38	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	QPSK	13.26	11.51	15.48	14.18	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	QPSK	13.86	10.99	15.67	14.37	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	16QAM	12.16	10.66	14.48	13.18	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	16QAM	12.82	11.03	15.02	13.72	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	64QAM	12.44	9.74	14.31	13.01	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	64QAM	13.68	11.24	15.64	14.34	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	256QAM	11.67	11.94	14.82	13.52	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	256QAM	12.57	10.35	14.61	13.31	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	QPSK	13.24	11.27	15.38	14.08	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	QPSK	12.35	10.06	14.37	13.07	33.01

CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	16QAM	12.23	11.17	14.74	13.44	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	16QAM	12.49	10.59	14.65	13.35	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	64QAM	13.34	10.87	15.29	13.99	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	64QAM	13.38	11.81	15.68	14.38	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	256QAM	10.67	9.47	13.12	11.82	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	256QAM	12.08	9.85	14.12	12.82	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	QPSK	14.46	10.64	15.97	14.67	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	QPSK	13.17	10.31	14.98	13.68	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	16QAM	13.93	10.47	15.55	14.25	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	16QAM	12.33	10.15	14.38	13.08	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	64QAM	12.84	10.95	15.00	13.70	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	64QAM	13.29	11.53	15.51	14.21	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	256QAM	13.52	11.15	15.51	14.21	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	256QAM	14.26	11.60	16.14	14.84	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	QPSK	12.71	12.12	15.44	14.14	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	QPSK	13.28	10.68	15.18	13.88	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	16QAM	13.04	11.90	15.52	14.22	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	16QAM	13.29	10.22	15.03	13.73	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	64QAM	13.26	11.71	15.57	14.27	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	64QAM	12.84	10.96	15.01	13.71	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	256QAM	14.07	11.20	15.88	14.58	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	256QAM	13.14	11.57	15.44	14.14	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	QPSK	11.87	10.12	14.10	12.80	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	QPSK	12.70	10.84	14.88	13.58	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	16QAM	10.37	10.48	13.44	12.14	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	16QAM	13.15	11.57	15.44	14.14	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	64QAM	12.09	11.14	14.65	13.35	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	64QAM	13.18	10.79	15.16	13.86	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	256QAM	13.98	11.39	15.88	14.58	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	256QAM	13.79	11.90	15.96	14.66	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	QPSK	13.91	12.34	16.20	14.90	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	QPSK	12.25	10.58	14.50	13.20	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	16QAM	12.20	11.02	14.66	13.36	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	16QAM	12.30	10.03	14.32	13.02	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	64QAM	13.55	11.33	15.59	14.29	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	64QAM	12.48	12.45	15.47	14.17	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	256QAM	12.65	10.36	14.67	13.37	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	256QAM	12.92	10.55	14.91	13.61	33.01

CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	QPSK	12.12	10.25	14.30	13.00	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	QPSK	12.53	10.85	14.78	13.48	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	16QAM	12.74	10.24	14.67	13.37	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	16QAM	13.93	10.81	15.66	14.36	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	64QAM	13.41	11.28	15.48	14.18	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	64QAM	10.97	9.46	13.29	11.99	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	256QAM	12.29	10.49	14.49	13.19	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	256QAM	10.13	10.21	13.19	11.89	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	QPSK	12.54	10.48	14.64	13.34	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	QPSK	11.81	10.19	14.09	12.79	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	16QAM	12.30	10.36	14.44	13.14	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	16QAM	12.36	11.13	14.80	13.50	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	64QAM	13.16	11.61	15.47	14.17	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	64QAM	13.54	11.35	15.59	14.29	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	256QAM	13.49	11.78	15.72	14.42	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	256QAM	13.39	13.01	16.22	14.92	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	QPSK	13.57	10.85	15.43	14.13	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	QPSK	13.36	11.73	15.63	14.33	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	16QAM	13.51	10.35	15.22	13.92	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	16QAM	12.67	10.93	14.90	13.60	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	64QAM	12.43	11.15	14.85	13.55	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	64QAM	14.16	10.81	15.81	14.51	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	256QAM	13.16	11.76	15.53	14.23	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	256QAM	11.75	9.88	13.93	12.63	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	QPSK	13.09	11.13	15.23	13.93	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	QPSK	10.51	10.57	13.55	12.25	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	16QAM	12.75	11.60	15.22	13.92	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	16QAM	11.85	10.41	14.20	12.90	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	64QAM	12.65	11.24	15.01	13.71	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	64QAM	13.26	11.80	15.60	14.30	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	256QAM	13.43	12.57	16.03	14.73	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	256QAM	13.24	12.39	15.85	14.55	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	QPSK	12.25	10.16	14.34	13.04	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	QPSK	12.75	10.86	14.92	13.62	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	16QAM	12.57	9.93	14.46	13.16	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	16QAM	13.24	11.37	15.42	14.12	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	64QAM	11.67	11.75	14.72	13.42	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	64QAM	12.82	10.77	14.92	13.62	33.01

CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	256QAM	12.94	11.49	15.28	13.98	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	256QAM	12.09	9.34	13.94	12.64	33.01
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	QPSK	13.28	9.72	14.86	11.76	30.00
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	QPSK	13.99	11.34	15.87	12.77	30.00
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	16QAM	14.51	9.63	15.73	12.63	30.00
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	16QAM	15.42	12.22	17.12	14.02	30.00
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	64QAM	15.52	11.79	17.06	13.96	30.00
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	64QAM	14.99	11.06	16.47	13.37	30.00
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	256QAM	14.87	11.60	16.55	13.45	30.00
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	256QAM	15.76	10.82	16.97	13.87	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	QPSK	12.58	11.40	15.04	11.94	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	QPSK	13.79	10.44	15.44	12.34	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	16QAM	13.90	11.06	15.72	12.62	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	16QAM	14.21	12.08	16.28	13.18	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	64QAM	12.96	9.84	14.69	11.59	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	64QAM	12.36	10.57	14.57	11.47	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	256QAM	10.37	9.88	13.15	10.05	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	256QAM	13.72	10.67	15.46	12.36	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	QPSK	12.04	11.23	14.67	11.57	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	QPSK	14.09	11.20	15.89	12.79	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	16QAM	12.55	12.41	15.49	12.39	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	16QAM	12.83	11.00	15.02	11.92	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	64QAM	15.13	11.63	16.74	13.64	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	64QAM	14.64	13.32	17.04	13.94	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	256QAM	13.72	14.01	16.88	13.78	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	256QAM	15.48	10.94	16.79	13.69	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	QPSK	14.65	12.34	16.66	13.56	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	QPSK	14.81	10.97	16.31	13.21	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	16QAM	15.21	12.58	17.10	14.00	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	16QAM	14.18	12.50	16.43	13.33	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	64QAM	14.93	11.71	16.62	13.52	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	64QAM	13.16	11.65	15.48	12.38	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	256QAM	12.18	9.35	14.00	10.90	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	256QAM	12.63	10.25	14.61	11.51	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	QPSK	10.84	11.93	14.43	11.33	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	QPSK	14.24	11.57	16.12	13.02	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	16QAM	13.06	11.89	15.52	12.42	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	16QAM	15.82	11.00	17.06	13.96	30.00

CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	64QAM	14.46	12.12	16.45	13.35	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	64QAM	14.00	12.50	16.32	13.22	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	256QAM	15.60	11.39	17.00	13.90	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	256QAM	12.04	10.82	14.49	11.39	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	QPSK	12.79	11.44	15.18	12.08	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	QPSK	13.17	11.51	15.43	12.33	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	16QAM	15.11	11.53	16.69	13.59	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	16QAM	13.05	13.53	16.31	13.21	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	64QAM	13.51	12.13	15.88	12.78	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	64QAM	15.39	10.92	16.71	13.61	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	256QAM	15.63	10.04	16.69	13.59	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	256QAM	12.44	12.42	15.44	12.34	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	QPSK	14.00	10.40	15.57	12.47	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	QPSK	14.17	11.16	15.93	12.83	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	16QAM	14.33	11.28	16.08	12.98	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	16QAM	12.67	10.09	14.58	11.48	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	64QAM	12.29	11.13	14.76	11.66	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	64QAM	13.40	11.07	15.40	12.30	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	256QAM	14.35	10.88	15.96	12.86	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	256QAM	14.47	10.37	15.89	12.79	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	QPSK	13.48	11.64	15.67	12.57	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	QPSK	15.22	12.04	16.93	13.83	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	16QAM	15.77	11.44	17.13	14.03	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	16QAM	14.76	12.52	16.79	13.69	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	64QAM	13.56	12.57	16.10	13.00	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	64QAM	14.14	13.13	16.68	13.58	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	256QAM	15.10	10.68	16.44	13.34	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	256QAM	15.30	12.25	17.04	13.94	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	QPSK	15.41	10.22	16.56	13.46	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	QPSK	14.57	11.96	16.46	13.36	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	16QAM	15.20	12.00	16.90	13.80	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	16QAM	13.68	11.33	15.67	12.57	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	64QAM	15.38	11.63	16.90	13.80	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	64QAM	14.75	10.65	16.18	13.08	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	256QAM	15.33	11.62	16.87	13.77	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	256QAM	11.90	11.44	14.68	11.58	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	QPSK	13.86	11.10	15.71	12.61	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	QPSK	14.98	11.41	16.56	13.46	30.00

CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	16QAM	15.19	12.05	16.91	13.81	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	16QAM	14.37	11.85	16.30	13.20	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	64QAM	15.29	11.99	16.96	13.86	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	64QAM	14.11	13.15	16.67	13.57	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	256QAM	15.25	11.59	16.81	13.71	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	256QAM	11.97	12.06	15.03	11.93	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	QPSK	14.28	10.74	15.87	12.77	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	QPSK	15.48	11.57	16.96	13.86	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	16QAM	13.72	12.36	16.10	13.00	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	16QAM	15.96	10.51	17.05	13.95	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	64QAM	15.42	12.09	17.08	13.98	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	64QAM	15.34	10.69	16.62	13.52	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	256QAM	13.32	12.54	15.96	12.86	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	256QAM	12.23	11.38	14.84	11.74	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	QPSK	15.68	11.08	16.97	13.87	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	QPSK	14.88	12.36	16.81	13.71	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	16QAM	13.81	10.53	15.49	12.39	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	16QAM	14.85	11.64	16.54	13.44	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	64QAM	11.20	9.87	13.60	10.50	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	64QAM	13.17	11.70	15.50	12.40	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	256QAM	15.10	10.09	16.29	13.19	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	256QAM	12.03	10.28	14.25	11.15	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	QPSK	12.78	11.40	15.16	12.06	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	QPSK	15.19	12.32	17.00	13.90	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	16QAM	13.11	12.37	15.77	12.67	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	16QAM	13.55	11.36	15.60	12.50	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	64QAM	15.59	11.98	17.16	14.06	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	64QAM	15.58	11.66	17.06	13.96	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	256QAM	15.64	12.05	17.21	14.11	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	256QAM	15.45	11.33	16.87	13.77	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	QPSK	15.19	11.89	16.86	13.76	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	QPSK	12.49	11.76	15.15	12.05	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	16QAM	14.25	11.85	16.22	13.12	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	16QAM	15.14	12.06	16.88	13.78	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	64QAM	12.04	10.86	14.50	11.40	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	64QAM	12.86	11.78	15.36	12.26	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	256QAM	11.41	10.35	13.92	10.82	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	256QAM	14.89	11.53	16.54	13.44	30.00

CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	QPSK	11.64	11.38	14.52	11.42	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	QPSK	13.97	11.01	15.75	12.65	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	16QAM	15.27	11.49	16.79	13.69	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	16QAM	14.12	11.71	16.09	12.99	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	64QAM	13.03	12.42	15.75	12.65	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	64QAM	12.05	9.96	14.14	11.04	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	256QAM	14.80	10.48	16.17	13.07	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	256QAM	14.65	10.88	16.18	13.08	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	QPSK	14.84	11.67	16.55	13.45	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	QPSK	13.90	11.72	15.95	12.85	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	16QAM	13.06	10.79	15.08	11.98	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	16QAM	13.38	11.08	15.39	12.29	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	64QAM	15.34	9.48	16.34	13.24	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	64QAM	15.61	11.37	17.00	13.90	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	256QAM	15.43	11.07	16.78	13.68	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	256QAM	13.27	11.51	15.49	12.39	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	QPSK	15.35	11.28	16.79	13.69	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	QPSK	13.86	11.22	15.75	12.65	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	16QAM	15.72	10.97	16.98	13.88	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	16QAM	12.14	9.59	14.06	10.96	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	64QAM	13.33	11.12	15.37	12.27	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	64QAM	13.37	11.59	15.58	12.48	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	256QAM	14.54	11.73	16.37	13.27	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	256QAM	13.93	12.07	16.11	13.01	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	QPSK	15.70	11.63	17.14	14.04	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	QPSK	15.57	10.87	16.84	13.74	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	16QAM	13.50	12.67	16.12	13.02	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	16QAM	15.55	11.78	17.08	13.98	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	64QAM	13.69	11.35	15.69	12.59	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	64QAM	15.29	12.07	16.98	13.88	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	256QAM	12.80	11.42	15.18	12.08	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	256QAM	14.12	11.93	16.17	13.07	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	QPSK	15.33	12.45	17.14	14.04	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	QPSK	13.97	12.07	16.14	13.04	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	16QAM	12.87	12.11	15.51	12.41	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	16QAM	14.60	10.71	16.09	12.99	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	64QAM	14.09	12.10	16.21	13.11	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	64QAM	11.50	10.25	13.93	10.83	30.00

CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	256QAM	15.68	11.52	17.09	13.99	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	256QAM	11.91	11.60	14.77	11.67	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	QPSK	14.89	11.73	16.60	13.50	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	QPSK	13.25	12.02	15.69	12.59	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	16QAM	14.21	12.11	16.30	13.20	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	16QAM	15.43	11.70	16.96	13.86	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	64QAM	12.78	10.31	14.73	11.63	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	64QAM	15.67	11.01	16.94	13.84	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	256QAM	15.45	10.45	16.64	13.54	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	256QAM	14.35	11.61	16.20	13.10	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	QPSK	14.01	12.08	16.16	13.06	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	QPSK	12.66	12.03	15.37	12.27	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	16QAM	13.86	11.50	15.85	12.75	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	16QAM	13.99	10.50	15.60	12.50	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	64QAM	14.71	11.68	16.47	13.37	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	64QAM	15.20	10.05	16.35	13.25	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	256QAM	14.41	11.75	16.29	13.19	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	256QAM	13.98	12.30	16.23	13.13	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	QPSK	13.69	10.97	15.55	12.45	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	QPSK	14.01	10.24	15.53	12.43	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	16QAM	14.71	9.90	15.95	12.85	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	16QAM	13.73	11.81	15.89	12.79	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	64QAM	13.03	11.24	15.24	12.14	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	64QAM	15.36	10.93	16.70	13.60	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	256QAM	14.77	12.19	16.68	13.58	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	256QAM	14.07	12.78	16.48	13.38	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	QPSK	15.39	11.07	16.76	13.66	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	QPSK	14.80	12.61	16.85	13.75	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	16QAM	15.24	12.50	17.09	13.99	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	16QAM	15.74	10.35	16.85	13.75	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	64QAM	14.87	13.05	17.07	13.97	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	64QAM	14.08	9.83	15.47	12.37	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	256QAM	14.28	11.60	16.16	13.06	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	256QAM	15.79	10.89	17.00	13.90	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	QPSK	14.34	10.50	15.84	12.74	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	QPSK	14.35	13.18	16.81	13.71	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	16QAM	14.93	9.61	16.05	12.95	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	16QAM	14.72	11.81	16.52	13.42	30.00

CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	64QAM	15.23	11.14	16.66	13.56	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	64QAM	15.12	11.56	16.71	13.61	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	256QAM	14.62	12.01	16.52	13.42	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	256QAM	14.15	11.23	15.94	12.84	30.00