

Transmitter Conducted Output Power And EIRP

Band	PCC_ BW (MHz)	SCC_ BW (MHz)	PCC_ Freq	SCC_ Freq	PCC_ RB	SCC_ RB	Modulation	PCC_ Power (dBm)	SCC_ Power (dBm)	Total_ Power (dBm)	EIRP (dBm)	Limit (dBm)
CA_7C	10.0	20.0	2505.5	2519.9	1@49	1@0	QPSK	9.10	8.72	11.92	7.92	33.01
CA_7C	10.0	20.0	2505.5	2519.9	50@0	100@0	QPSK	8.99	8.59	11.80	7.80	33.01
CA_7C	10.0	20.0	2505.5	2519.9	1@49	1@0	16QAM	8.81	8.50	11.67	7.67	33.01
CA_7C	10.0	20.0	2505.5	2519.9	50@0	100@0	16QAM	8.80	8.37	11.60	7.60	33.01
CA_7C	10.0	20.0	2505.5	2519.9	1@49	1@0	64QAM	8.75	8.19	11.49	7.49	33.01
CA_7C	10.0	20.0	2505.5	2519.9	50@0	100@0	64QAM	8.68	8.18	11.45	7.45	33.01
CA_7C	10.0	20.0	2505.5	2519.9	1@49	1@0	256QAM	8.53	8.08	11.32	7.32	33.01
CA_7C	10.0	20.0	2505.5	2519.9	50@0	100@0	256QAM	8.39	8.02	11.22	7.22	33.01
CA_7C	20.0	10.0	2510.0	2524.4	1@99	1@0	QPSK	8.81	9.05	11.94	7.94	33.01
CA_7C	20.0	10.0	2510.0	2524.4	100@0	100@0	QPSK	8.64	8.96	11.81	7.81	33.01
CA_7C	20.0	10.0	2510.0	2524.4	1@99	1@0	16QAM	8.61	8.91	11.77	7.77	33.01
CA_7C	20.0	10.0	2510.0	2524.4	100@0	100@0	16QAM	8.60	8.86	11.74	7.74	33.01
CA_7C	20.0	10.0	2510.0	2524.4	1@99	1@0	64QAM	8.59	8.67	11.64	7.64	33.01
CA_7C	20.0	10.0	2510.0	2524.4	100@0	100@0	64QAM	8.43	8.57	11.51	7.51	33.01
CA_7C	20.0	10.0	2510.0	2524.4	1@99	1@0	256QAM	8.31	8.50	11.42	7.42	33.01
CA_7C	20.0	10.0	2510.0	2524.4	100@0	100@0	256QAM	8.20	8.32	11.27	7.27	33.01
CA_7C	15.0	15.0	2507.5	2522.5	1@74	1@0	QPSK	9.34	9.09	12.23	8.23	33.01
CA_7C	15.0	15.0	2507.5	2522.5	75@0	75@0	QPSK	9.28	8.91	12.11	8.11	33.01
CA_7C	15.0	15.0	2507.5	2522.5	1@74	1@0	16QAM	9.20	8.90	12.06	8.06	33.01
CA_7C	15.0	15.0	2507.5	2522.5	75@0	75@0	16QAM	9.20	8.74	11.99	7.99	33.01
CA_7C	15.0	15.0	2507.5	2522.5	1@74	1@0	64QAM	9.02	8.74	11.89	7.89	33.01
CA_7C	15.0	15.0	2507.5	2522.5	75@0	75@0	64QAM	8.90	8.65	11.79	7.79	33.01
CA_7C	15.0	15.0	2507.5	2522.5	1@74	1@0	256QAM	8.71	8.50	11.62	7.62	33.01
CA_7C	15.0	15.0	2507.5	2522.5	75@0	75@0	256QAM	8.62	8.49	11.57	7.57	33.01
CA_7C	15.0	20.0	2507.8	2524.9	1@74	1@0	QPSK	9.32	8.51	11.94	7.94	33.01
CA_7C	15.0	20.0	2507.8	2524.9	75@0	100@0	QPSK	9.15	8.44	11.82	7.82	33.01
CA_7C	15.0	20.0	2507.8	2524.9	1@74	1@0	16QAM	9.01	8.37	11.71	7.71	33.01
CA_7C	15.0	20.0	2507.8	2524.9	75@0	100@0	16QAM	8.88	8.22	11.57	7.57	33.01
CA_7C	15.0	20.0	2507.8	2524.9	1@74	1@0	64QAM	8.78	8.22	11.52	7.52	33.01
CA_7C	15.0	20.0	2507.8	2524.9	75@0	100@0	64QAM	8.61	8.17	11.41	7.41	33.01
CA_7C	15.0	20.0	2507.8	2524.9	1@74	1@0	256QAM	8.47	8.13	11.31	7.31	33.01
CA_7C	15.0	20.0	2507.8	2524.9	75@0	100@0	256QAM	8.45	7.97	11.23	7.23	33.01
CA_7C	20.0	15.0	2510.0	2527.1	1@99	1@0	QPSK	8.84	9.08	11.97	7.97	33.01
CA_7C	20.0	15.0	2510.0	2527.1	100@0	100@0	QPSK	8.82	9.03	11.94	7.94	33.01
CA_7C	20.0	15.0	2510.0	2527.1	1@99	1@0	16QAM	8.81	8.87	11.85	7.85	33.01
CA_7C	20.0	15.0	2510.0	2527.1	100@0	100@0	16QAM	8.75	8.71	11.74	7.74	33.01
CA_7C	20.0	15.0	2510.0	2527.1	1@99	1@0	64QAM	8.69	8.54	11.63	7.63	33.01
CA_7C	20.0	15.0	2510.0	2527.1	100@0	100@0	64QAM	8.55	8.46	11.52	7.52	33.01
CA_7C	20.0	15.0	2510.0	2527.1	1@99	1@0	256QAM	8.52	8.38	11.46	7.46	33.01
CA_7C	20.0	15.0	2510.0	2527.1	100@0	100@0	256QAM	8.32	8.21	11.27	7.27	33.01
CA_7C	20.0	20.0	2510.0	2529.8	1@99	1@0	QPSK	9.06	9.10	12.09	8.09	33.01
CA_7C	20.0	20.0	2510.0	2529.8	100@0	100@0	QPSK	8.88	9.02	11.96	7.96	33.01
CA_7C	20.0	20.0	2510.0	2529.8	1@99	1@0	16QAM	8.84	8.91	11.89	7.89	33.01
CA_7C	20.0	20.0	2510.0	2529.8	100@0	100@0	16QAM	8.80	8.87	11.85	7.85	33.01
CA_7C	20.0	20.0	2510.0	2529.8	1@99	1@0	64QAM	8.72	8.80	11.77	7.77	33.01
CA_7C	20.0	20.0	2510.0	2529.8	100@0	100@0	64QAM	8.71	8.64	11.69	7.69	33.01
CA_7C	20.0	20.0	2510.0	2529.8	1@99	1@0	256QAM	8.69	8.57	11.64	7.64	33.01
CA_7C	20.0	20.0	2510.0	2529.8	100@0	100@0	256QAM	8.57	8.45	11.52	7.52	33.01
CA_7C	10.0	20.0	2525.6	2540.0	1@49	1@0	QPSK	9.08	8.72	11.91	7.91	33.01
CA_7C	10.0	20.0	2525.6	2540.0	50@0	100@0	QPSK	8.99	8.71	11.86	7.86	33.01
CA_7C	10.0	20.0	2525.6	2540.0	1@49	1@0	16QAM	8.86	8.62	11.75	7.75	33.01
CA_7C	10.0	20.0	2525.6	2540.0	50@0	100@0	16QAM	8.69	8.56	11.64	7.64	33.01
CA_7C	10.0	20.0	2525.6	2540.0	1@49	1@0	64QAM	8.67	8.47	11.58	7.58	33.01
CA_7C	10.0	20.0	2525.6	2540.0	50@0	100@0	64QAM	8.52	8.31	11.43	7.43	33.01
CA_7C	10.0	20.0	2525.6	2540.0	1@49	1@0	256QAM	8.40	8.14	11.28	7.28	33.01
CA_7C	10.0	20.0	2525.6	2540.0	50@0	100@0	256QAM	8.37	8.09	11.24	7.24	33.01
CA_7C	20.0	10.0	2530.1	2544.5	1@99	1@0	QPSK	8.60	9.44	12.05	8.05	33.01
CA_7C	20.0	10.0	2530.1	2544.5	100@0	100@0	QPSK	8.55	9.36	11.98	7.98	33.01
CA_7C	20.0	10.0	2530.1	2544.5	1@99	1@0	16QAM	8.37	9.35	11.90	7.90	33.01
CA_7C	20.0	10.0	2530.1	2544.5	100@0	100@0	16QAM	8.30	9.19	11.78	7.78	33.01
CA_7C	20.0	10.0	2530.1	2544.5	1@99	1@0	64QAM	8.22	9.14	11.72	7.72	33.01
CA_7C	20.0	10.0	2530.1	2544.5	100@0	100@0	64QAM	8.20	9.00	11.63	7.63	33.01
CA_7C	20.0	10.0	2530.1	2544.5	1@99	1@0	256QAM	8.09	8.80	11.47	7.47	33.01
CA_7C	20.0	10.0	2530.1	2544.5	100@0	100@0	256QAM	8.08	8.79	11.46	7.46	33.01
CA_7C	15.0	15.0	2527.5	2542.5	1@74	1@0	QPSK	9.03	9.27	12.16	8.16	33.01
CA_7C	15.0	15.0	2527.5	2542.5	75@0	75@0	QPSK	8.96	9.18	12.08	8.08	33.01
CA_7C	15.0	15.0	2527.5	2542.5	1@74	1@0	16QAM	8.84	9.04	11.95	7.95	33.01
CA_7C	15.0	15.0	2527.5	2542.5	75@0	75@0	16QAM	8.82	8.98	11.91	7.91	33.01
CA_7C	15.0	15.0	2527.5	2542.5	1@74	1@0	64QAM	8.78	8.80	11.80	7.80	33.01

CA_7C	15.0	15.0	2527.5	2542.5	75@0	75@0	64QAM	8.66	8.78	11.73	7.73	33.01
CA_7C	15.0	15.0	2527.5	2542.5	1@74	1@0	256QAM	8.50	8.77	11.65	7.65	33.01
CA_7C	15.0	15.0	2527.5	2542.5	75@0	75@0	256QAM	8.37	8.61	11.50	7.50	33.01
CA_7C	15.0	20.0	2525.3	2542.4	1@74	1@0	QPSK	9.39	8.65	12.05	8.05	33.01
CA_7C	15.0	20.0	2525.3	2542.4	75@0	100@0	QPSK	9.21	8.61	11.93	7.93	33.01
CA_7C	15.0	20.0	2525.3	2542.4	1@74	1@0	16QAM	9.07	8.45	11.78	7.78	33.01
CA_7C	15.0	20.0	2525.3	2542.4	75@0	100@0	16QAM	8.92	8.38	11.67	7.67	33.01
CA_7C	15.0	20.0	2525.3	2542.4	1@74	1@0	64QAM	8.88	8.25	11.59	7.59	33.01
CA_7C	15.0	20.0	2525.3	2542.4	75@0	100@0	64QAM	8.86	8.18	11.55	7.55	33.01
CA_7C	15.0	20.0	2525.3	2542.4	1@74	1@0	256QAM	8.67	8.13	11.42	7.42	33.01
CA_7C	15.0	20.0	2525.3	2542.4	75@0	100@0	256QAM	8.61	8.03	11.34	7.34	33.01
CA_7C	20.0	15.0	2527.6	2544.7	1@99	1@0	QPSK	8.68	9.15	11.93	7.93	33.01
CA_7C	20.0	15.0	2527.6	2544.7	100@0	100@0	QPSK	8.64	9.10	11.89	7.89	33.01
CA_7C	20.0	15.0	2527.6	2544.7	1@99	1@0	16QAM	8.54	9.05	11.81	7.81	33.01
CA_7C	20.0	15.0	2527.6	2544.7	100@0	100@0	16QAM	8.46	9.03	11.76	7.76	33.01
CA_7C	20.0	15.0	2527.6	2544.7	1@99	1@0	64QAM	8.28	8.91	11.62	7.62	33.01
CA_7C	20.0	15.0	2527.6	2544.7	100@0	100@0	64QAM	8.23	8.83	11.55	7.55	33.01
CA_7C	20.0	15.0	2527.6	2544.7	1@99	1@0	256QAM	8.20	8.64	11.43	7.43	33.01
CA_7C	20.0	15.0	2527.6	2544.7	100@0	100@0	256QAM	8.20	8.48	11.35	7.35	33.01
CA_7C	20.0	20.0	2525.1	2544.9	1@99	1@0	QPSK	9.46	9.10	12.29	8.29	33.01
CA_7C	20.0	20.0	2525.1	2544.9	100@0	100@0	QPSK	9.44	8.91	12.19	8.19	33.01
CA_7C	20.0	20.0	2525.1	2544.9	1@99	1@0	16QAM	9.29	8.86	12.09	8.09	33.01
CA_7C	20.0	20.0	2525.1	2544.9	100@0	100@0	16QAM	9.25	8.77	12.03	8.03	33.01
CA_7C	20.0	20.0	2525.1	2544.9	1@99	1@0	64QAM	9.21	8.72	11.98	7.98	33.01
CA_7C	20.0	20.0	2525.1	2544.9	100@0	100@0	64QAM	9.12	8.56	11.86	7.86	33.01
CA_7C	20.0	20.0	2525.1	2544.9	1@99	1@0	256QAM	9.01	8.52	11.78	7.78	33.01
CA_7C	20.0	20.0	2525.1	2544.9	100@0	100@0	256QAM	8.90	8.45	11.69	7.69	33.01
CA_7C	10.0	20.0	2545.6	2560.0	1@49	1@0	QPSK	9.25	8.56	11.93	7.93	33.01
CA_7C	10.0	20.0	2545.6	2560.0	50@0	100@0	QPSK	9.14	8.46	11.82	7.82	33.01
CA_7C	10.0	20.0	2545.6	2560.0	1@49	1@0	16QAM	9.11	8.36	11.76	7.76	33.01
CA_7C	10.0	20.0	2545.6	2560.0	50@0	100@0	16QAM	8.94	8.29	11.64	7.64	33.01
CA_7C	10.0	20.0	2545.6	2560.0	1@49	1@0	64QAM	8.86	8.28	11.59	7.59	33.01
CA_7C	10.0	20.0	2545.6	2560.0	50@0	100@0	64QAM	8.84	8.18	11.53	7.53	33.01
CA_7C	10.0	20.0	2545.6	2560.0	1@49	1@0	256QAM	8.69	8.09	11.41	7.41	33.01
CA_7C	10.0	20.0	2545.6	2560.0	50@0	100@0	256QAM	8.57	8.06	11.33	7.33	33.01
CA_7C	20.0	10.0	2550.1	2564.5	1@99	1@0	QPSK	8.89	9.12	12.02	8.02	33.01
CA_7C	20.0	10.0	2550.1	2564.5	100@0	100@0	QPSK	8.71	9.00	11.87	7.87	33.01
CA_7C	20.0	10.0	2550.1	2564.5	1@99	1@0	16QAM	8.66	8.81	11.75	7.75	33.01
CA_7C	20.0	10.0	2550.1	2564.5	100@0	100@0	16QAM	8.56	8.68	11.63	7.63	33.01
CA_7C	20.0	10.0	2550.1	2564.5	1@99	1@0	64QAM	8.48	8.50	11.50	7.50	33.01
CA_7C	20.0	10.0	2550.1	2564.5	100@0	100@0	64QAM	8.32	8.40	11.37	7.37	33.01
CA_7C	20.0	10.0	2550.1	2564.5	1@99	1@0	256QAM	8.16	8.32	11.25	7.25	33.01
CA_7C	20.0	10.0	2550.1	2564.5	100@0	100@0	256QAM	8.15	8.27	11.22	7.22	33.01
CA_7C	15.0	15.0	2547.5	2562.5	1@74	1@0	QPSK	9.20	9.35	12.29	8.29	33.01
CA_7C	15.0	15.0	2547.5	2562.5	75@0	75@0	QPSK	9.19	9.30	12.26	8.26	33.01
CA_7C	15.0	15.0	2547.5	2562.5	1@74	1@0	16QAM	9.18	9.21	12.21	8.21	33.01
CA_7C	15.0	15.0	2547.5	2562.5	75@0	75@0	16QAM	9.10	9.21	12.17	8.17	33.01
CA_7C	15.0	15.0	2547.5	2562.5	1@74	1@0	64QAM	8.91	9.04	11.98	7.98	33.01
CA_7C	15.0	15.0	2547.5	2562.5	75@0	75@0	64QAM	8.73	8.98	11.87	7.87	33.01
CA_7C	15.0	15.0	2547.5	2562.5	1@74	1@0	256QAM	8.69	8.86	11.78	7.78	33.01
CA_7C	15.0	15.0	2547.5	2562.5	75@0	75@0	256QAM	8.56	8.84	11.71	7.71	33.01
CA_7C	15.0	20.0	2542.9	2560.0	1@74	1@0	QPSK	9.17	8.90	12.05	8.05	33.01
CA_7C	15.0	20.0	2542.9	2560.0	75@0	100@0	QPSK	9.11	8.71	11.92	7.92	33.01
CA_7C	15.0	20.0	2542.9	2560.0	1@74	1@0	16QAM	8.91	8.57	11.75	7.75	33.01
CA_7C	15.0	20.0	2542.9	2560.0	75@0	100@0	16QAM	8.75	8.38	11.58	7.58	33.01
CA_7C	15.0	20.0	2542.9	2560.0	1@74	1@0	64QAM	8.65	8.33	11.51	7.51	33.01
CA_7C	15.0	20.0	2542.9	2560.0	75@0	100@0	64QAM	8.47	8.32	11.41	7.41	33.01
CA_7C	15.0	20.0	2542.9	2560.0	1@74	1@0	256QAM	8.34	8.26	11.31	7.31	33.01
CA_7C	15.0	20.0	2542.9	2560.0	75@0	100@0	256QAM	8.33	8.12	11.23	7.23	33.01
CA_7C	20.0	15.0	2545.1	2562.2	1@99	1@0	QPSK	8.63	9.16	11.91	7.91	33.01
CA_7C	20.0	15.0	2545.1	2562.2	100@0	100@0	QPSK	8.53	9.02	11.79	7.79	33.01
CA_7C	20.0	15.0	2545.1	2562.2	1@99	1@0	16QAM	8.35	8.98	11.69	7.69	33.01
CA_7C	20.0	15.0	2545.1	2562.2	100@0	100@0	16QAM	8.33	8.81	11.59	7.59	33.01
CA_7C	20.0	15.0	2545.1	2562.2	1@99	1@0	64QAM	8.19	8.63	11.42	7.42	33.01
CA_7C	20.0	15.0	2545.1	2562.2	100@0	100@0	64QAM	8.06	8.54	11.31	7.31	33.01
CA_7C	20.0	15.0	2545.1	2562.2	1@99	1@0	256QAM	7.99	8.36	11.19	7.19	33.01
CA_7C	20.0	15.0	2545.1	2562.2	100@0	100@0	256QAM	7.90	8.18	11.05	7.05	33.01
CA_7C	20.0	20.0	2540.2	2560.0	1@99	1@0	QPSK	9.14	9.24	12.20	8.20	33.01
CA_7C	20.0	20.0	2540.2	2560.0	100@0	100@0	QPSK	9.09	9.06	12.09	8.09	33.01
CA_7C	20.0	20.0	2540.2	2560.0	1@99	1@0	16QAM	8.93	9.01	11.98	7.98	33.01
CA_7C	20.0	20.0	2540.2	2560.0	100@0	100@0	16QAM	8.74	8.91	11.84	7.84	33.01
CA_7C	20.0	20.0	2540.2	2560.0	1@99	1@0	64QAM	8.61	8.89	11.76	7.76	33.01
CA_7C	20.0	20.0	2540.2	2560.0	100@0	100@0	64QAM	8.43	8.85	11.66	7.66	33.01
CA_7C	20.0	20.0	2540.2	2560.0	1@99	1@0	256QAM	8.29	8.81	11.57	7.57	33.01
CA_7C	20.0	20.0	2540.2	2560.0	100@0	100@0	256QAM	8.25	8.78	11.53	7.53	33.01
CA_38C	15.0	15.0	2577.5	2592.5	1@74	1@0	QPSK	11.45	11.27	14.37	10.37	33.01

CA_38C	15.0	15.0	2577.5	2592.5	75@0	75@0	QPSK	11.39	11.14	14.28	10.28	33.01
CA_38C	15.0	15.0	2577.5	2592.5	1@74	1@0	16QAM	11.28	11.00	14.15	10.15	33.01
CA_38C	15.0	15.0	2577.5	2592.5	75@0	75@0	16QAM	11.27	10.99	14.14	10.14	33.01
CA_38C	15.0	15.0	2577.5	2592.5	1@74	1@0	64QAM	11.11	10.94	14.04	10.04	33.01
CA_38C	15.0	15.0	2577.5	2592.5	75@0	75@0	64QAM	10.96	10.81	13.90	9.90	33.01
CA_38C	15.0	15.0	2577.5	2592.5	1@74	1@0	256QAM	10.87	10.64	13.77	9.77	33.01
CA_38C	15.0	15.0	2577.5	2592.5	75@0	75@0	256QAM	10.86	10.55	13.72	9.72	33.01
CA_38C	20.0	20.0	2580.0	2599.8	1@99	1@0	QPSK	10.67	10.79	13.74	9.74	33.01
CA_38C	20.0	20.0	2580.0	2599.8	100@0	100@0	QPSK	10.61	10.74	13.69	9.69	33.01
CA_38C	20.0	20.0	2580.0	2599.8	1@99	1@0	16QAM	10.5	10.72	13.62	9.62	33.01
CA_38C	20.0	20.0	2580.0	2599.8	100@0	100@0	16QAM	10.42	10.56	13.50	9.50	33.01
CA_38C	20.0	20.0	2580.0	2599.8	1@99	1@0	64QAM	10.36	10.39	13.39	9.39	33.01
CA_38C	20.0	20.0	2580.0	2599.8	100@0	100@0	64QAM	10.24	10.37	13.32	9.32	33.01
CA_38C	20.0	20.0	2580.0	2599.8	1@99	1@0	256QAM	10.15	10.21	13.19	9.19	33.01
CA_38C	20.0	20.0	2580.0	2599.8	100@0	100@0	256QAM	10.06	10.04	13.06	9.06	33.01
CA_38C	15.0	15.0	2587.5	2602.5	1@74	1@0	QPSK	11.31	11.23	14.28	10.28	33.01
CA_38C	15.0	15.0	2587.5	2602.5	75@0	75@0	QPSK	11.28	11.2	14.25	10.25	33.01
CA_38C	15.0	15.0	2587.5	2602.5	1@74	1@0	16QAM	11.1	11.04	14.08	10.08	33.01
CA_38C	15.0	15.0	2587.5	2602.5	75@0	75@0	16QAM	10.92	10.99	13.97	9.97	33.01
CA_38C	15.0	15.0	2587.5	2602.5	1@74	1@0	64QAM	10.76	10.93	13.86	9.86	33.01
CA_38C	15.0	15.0	2587.5	2602.5	75@0	75@0	64QAM	10.60	10.77	13.70	9.70	33.01
CA_38C	15.0	15.0	2587.5	2602.5	1@74	1@0	256QAM	10.42	10.74	13.60	9.60	33.01
CA_38C	15.0	15.0	2587.5	2602.5	75@0	75@0	256QAM	10.41	10.69	13.56	9.56	33.01
CA_38C	20.0	20.0	2585.1	2604.9	1@99	1@0	QPSK	10.94	10.9	13.93	9.93	33.01
CA_38C	20.0	20.0	2585.1	2604.9	100@0	100@0	QPSK	10.86	10.75	13.82	9.82	33.01
CA_38C	20.0	20.0	2585.1	2604.9	1@99	1@0	16QAM	10.84	10.6	13.73	9.73	33.01
CA_38C	20.0	20.0	2585.1	2604.9	100@0	100@0	16QAM	10.67	10.5	13.60	9.60	33.01
CA_38C	20.0	20.0	2585.1	2604.9	1@99	1@0	64QAM	10.52	10.50	13.52	9.52	33.01
CA_38C	20.0	20.0	2585.1	2604.9	100@0	100@0	64QAM	10.33	10.39	13.37	9.37	33.01
CA_38C	20.0	20.0	2585.1	2604.9	1@99	1@0	256QAM	10.26	10.22	13.25	9.25	33.01
CA_38C	20.0	20.0	2585.1	2604.9	100@0	100@0	256QAM	10.20	10.22	13.22	9.22	33.01
CA_38C	15.0	15.0	2597.5	2612.5	1@74	1@0	QPSK	11.3	11.36	14.34	10.34	33.01
CA_38C	15.0	15.0	2597.5	2612.5	75@0	75@0	QPSK	11.28	11.25	14.28	10.28	33.01
CA_38C	15.0	15.0	2597.5	2612.5	1@74	1@0	16QAM	11.24	11.12	14.19	10.19	33.01
CA_38C	15.0	15.0	2597.5	2612.5	75@0	75@0	16QAM	11.16	11.07	14.13	10.13	33.01
CA_38C	15.0	15.0	2597.5	2612.5	1@74	1@0	64QAM	11.02	10.90	13.97	9.97	33.01
CA_38C	15.0	15.0	2597.5	2612.5	75@0	75@0	64QAM	10.93	10.71	13.83	9.83	33.01
CA_38C	15.0	15.0	2597.5	2612.5	1@74	1@0	256QAM	10.84	10.60	13.73	9.73	33.01
CA_38C	15.0	15.0	2597.5	2612.5	75@0	75@0	256QAM	10.73	10.59	13.67	9.67	33.01
CA_38C	20.0	20.0	2590.2	2610.0	1@99	1@0	QPSK	10.99	10.6	13.81	9.81	33.01
CA_38C	20.0	20.0	2590.2	2610.0	100@0	100@0	QPSK	10.93	10.44	13.70	9.70	33.01
CA_38C	20.0	20.0	2590.2	2610.0	1@99	1@0	16QAM	10.87	10.44	13.67	9.67	33.01
CA_38C	20.0	20.0	2590.2	2610.0	100@0	100@0	16QAM	10.76	10.39	13.59	9.59	33.01
CA_38C	20.0	20.0	2590.2	2610.0	1@99	1@0	64QAM	10.56	10.24	13.41	9.41	33.01
CA_38C	20.0	20.0	2590.2	2610.0	100@0	100@0	64QAM	10.50	10.08	13.31	9.31	33.01
CA_38C	20.0	20.0	2590.2	2610.0	1@99	1@0	256QAM	10.45	10.00	13.24	9.24	33.01
CA_38C	20.0	20.0	2590.2	2610.0	100@0	100@0	256QAM	10.40	9.83	13.14	9.14	33.01
CA_41C	5.0	20.0	2499.3	2511.0	1@24	1@0	QPSK	13.19	11.71	15.52	11.52	33.01
CA_41C	5.0	20.0	2499.3	2511.0	25@0	100@0	QPSK	13.03	11.51	15.35	11.35	33.01
CA_41C	5.0	20.0	2499.3	2511.0	1@24	1@0	16QAM	13.00	11.48	15.32	11.32	33.01
CA_41C	5.0	20.0	2499.3	2511.0	25@0	100@0	16QAM	12.91	11.46	15.26	11.26	33.01
CA_41C	5.0	20.0	2499.3	2511.0	1@24	1@0	64QAM	12.85	11.36	15.18	11.18	33.01
CA_41C	5.0	20.0	2499.3	2511.0	25@0	100@0	64QAM	12.82	11.17	15.08	11.08	33.01
CA_41C	5.0	20.0	2499.3	2511.0	1@24	1@0	256QAM	12.65	11.00	14.91	10.91	33.01
CA_41C	5.0	20.0	2499.3	2511.0	25@0	100@0	256QAM	12.48	10.97	14.80	10.80	33.01
CA_41C	20.0	5.0	2506.0	2517.7	1@99	1@0	QPSK	11.64	13.3	15.56	11.56	33.01
CA_41C	20.0	5.0	2506.0	2517.7	100@0	25@0	QPSK	11.59	13.27	15.52	11.52	33.01
CA_41C	20.0	5.0	2506.0	2517.7	1@99	1@0	16QAM	11.45	13.21	15.43	11.43	33.01
CA_41C	20.0	5.0	2506.0	2517.7	100@0	25@0	16QAM	11.25	13.12	15.30	11.30	33.01
CA_41C	20.0	5.0	2506.0	2517.7	1@99	1@0	64QAM	11.15	13.05	15.21	11.21	33.01
CA_41C	20.0	5.0	2506.0	2517.7	100@0	25@0	64QAM	10.96	12.95	15.08	11.08	33.01
CA_41C	20.0	5.0	2506.0	2517.7	1@99	1@0	256QAM	10.87	12.88	15.00	11.00	33.01
CA_41C	20.0	5.0	2506.0	2517.7	100@0	25@0	256QAM	10.76	12.70	14.85	10.85	33.01
CA_41C	10.0	20.0	2501.5	2515.9	1@49	1@0	QPSK	12.71	11.72	15.25	11.25	33.01
CA_41C	10.0	20.0	2501.5	2515.9	50@0	100@0	QPSK	12.58	11.66	15.15	11.15	33.01
CA_41C	10.0	20.0	2501.5	2515.9	1@49	1@0	16QAM	12.57	11.54	15.10	11.10	33.01
CA_41C	10.0	20.0	2501.5	2515.9	50@0	100@0	16QAM	12.46	11.4	14.97	10.97	33.01
CA_41C	10.0	20.0	2501.5	2515.9	1@49	1@0	64QAM	12.45	11.39	14.96	10.96	33.01
CA_41C	10.0	20.0	2501.5	2515.9	50@0	100@0	64QAM	12.35	11.39	14.91	10.91	33.01
CA_41C	10.0	20.0	2501.5	2515.9	1@49	1@0	256QAM	12.21	11.33	14.80	10.80	33.01
CA_41C	10.0	20.0	2501.5	2515.9	50@0	100@0	256QAM	12.04	11.28	14.69	10.69	33.01
CA_41C	20.0	10.0	2506.0	2520.4	1@99	1@0	QPSK	12.89	11.92	15.44	11.44	33.01
CA_41C	20.0	10.0	2506.0	2520.4	100@0	100@0	QPSK	12.89	11.86	15.42	11.42	33.01
CA_41C	20.0	10.0	2506.0	2520.4	1@99	1@0	16QAM	12.78	11.84	15.35	11.35	33.01
CA_41C	20.0	10.0	2506.0	2520.4	100@0	100@0	16QAM	12.6	11.78	15.22	11.22	33.01
CA_41C	20.0	10.0	2506.0	2520.4	1@99	1@0	64QAM	12.53	11.74	15.16	11.16	33.01

CA_41C	20.0	10.0	2506.0	2520.4	100@0	100@0	64QAM	12.41	11.71	15.08	11.08	33.01
CA_41C	20.0	10.0	2506.0	2520.4	1@99	1@0	256QAM	12.22	11.54	14.91	10.91	33.01
CA_41C	20.0	10.0	2506.0	2520.4	100@0	100@0	256QAM	12.13	11.53	14.85	10.85	33.01
CA_41C	15.0	15.0	2503.5	2518.5	1@74	1@0	QPSK	12.26	12.04	15.16	11.16	33.01
CA_41C	15.0	15.0	2503.5	2518.5	75@0	75@0	QPSK	12.08	11.93	15.02	11.02	33.01
CA_41C	15.0	15.0	2503.5	2518.5	1@74	1@0	16QAM	11.97	11.82	14.91	10.91	33.01
CA_41C	15.0	15.0	2503.5	2518.5	75@0	75@0	16QAM	11.87	11.71	14.80	10.80	33.01
CA_41C	15.0	15.0	2503.5	2518.5	1@74	1@0	64QAM	11.80	11.54	14.68	10.68	33.01
CA_41C	15.0	15.0	2503.5	2518.5	75@0	75@0	64QAM	11.78	11.34	14.58	10.58	33.01
CA_41C	15.0	15.0	2503.5	2518.5	1@74	1@0	256QAM	11.65	11.31	14.49	10.49	33.01
CA_41C	15.0	15.0	2503.5	2518.5	75@0	75@0	256QAM	11.52	11.25	14.40	10.40	33.01
CA_41C	15.0	20.0	2503.8	2520.9	1@74	1@0	QPSK	12.47	11.82	15.17	11.17	33.01
CA_41C	15.0	20.0	2503.8	2520.9	75@0	100@0	QPSK	12.46	11.81	15.16	11.16	33.01
CA_41C	15.0	20.0	2503.8	2520.9	1@74	1@0	16QAM	12.38	11.63	15.03	11.03	33.01
CA_41C	15.0	20.0	2503.8	2520.9	75@0	100@0	16QAM	12.29	11.45	14.90	10.90	33.01
CA_41C	15.0	20.0	2503.8	2520.9	1@74	1@0	64QAM	12.17	11.40	14.81	10.81	33.01
CA_41C	15.0	20.0	2503.8	2520.9	75@0	100@0	64QAM	12.07	11.38	14.75	10.75	33.01
CA_41C	15.0	20.0	2503.8	2520.9	1@74	1@0	256QAM	11.94	11.29	14.64	10.64	33.01
CA_41C	15.0	20.0	2503.8	2520.9	75@0	100@0	256QAM	11.86	11.29	14.59	10.59	33.01
CA_41C	20.0	15.0	2506.0	2523.1	1@99	1@0	QPSK	11.77	12.3	15.05	11.05	33.01
CA_41C	20.0	15.0	2506.0	2523.1	100@0	100@0	QPSK	11.62	12.26	14.96	10.96	33.01
CA_41C	20.0	15.0	2506.0	2523.1	1@99	1@0	16QAM	11.49	12.15	14.84	10.84	33.01
CA_41C	20.0	15.0	2506.0	2523.1	100@0	100@0	16QAM	11.41	11.97	14.71	10.71	33.01
CA_41C	20.0	15.0	2506.0	2523.1	1@99	1@0	64QAM	11.24	11.83	14.55	10.55	33.01
CA_41C	20.0	15.0	2506.0	2523.1	100@0	100@0	64QAM	11.11	11.68	14.41	10.41	33.01
CA_41C	20.0	15.0	2506.0	2523.1	1@99	1@0	256QAM	11.10	11.52	14.32	10.32	33.01
CA_41C	20.0	15.0	2506.0	2523.1	100@0	100@0	256QAM	11.09	11.50	14.31	10.31	33.01
CA_41C	20.0	20.0	2506.0	2525.8	1@99	1@0	QPSK	11.65	12.1	14.89	10.89	33.01
CA_41C	20.0	20.0	2506.0	2525.8	100@0	100@0	QPSK	11.55	11.96	14.77	10.77	33.01
CA_41C	20.0	20.0	2506.0	2525.8	1@99	1@0	16QAM	11.51	11.89	14.71	10.71	33.01
CA_41C	20.0	20.0	2506.0	2525.8	100@0	100@0	16QAM	11.32	11.84	14.60	10.60	33.01
CA_41C	20.0	20.0	2506.0	2525.8	1@99	1@0	64QAM	11.29	11.68	14.50	10.50	33.01
CA_41C	20.0	20.0	2506.0	2525.8	100@0	100@0	64QAM	11.27	11.60	14.45	10.45	33.01
CA_41C	20.0	20.0	2506.0	2525.8	1@99	1@0	256QAM	11.15	11.59	14.39	10.39	33.01
CA_41C	20.0	20.0	2506.0	2525.8	100@0	100@0	256QAM	10.95	11.56	14.27	10.27	33.01
CA_41C	5.0	20.0	2583.8	2595.5	1@24	1@0	QPSK	13.39	11.75	15.66	11.66	33.01
CA_41C	5.0	20.0	2583.8	2595.5	25@0	100@0	QPSK	13.21	11.63	15.50	11.50	33.01
CA_41C	5.0	20.0	2583.8	2595.5	1@24	1@0	16QAM	13.11	11.45	15.37	11.37	33.01
CA_41C	5.0	20.0	2583.8	2595.5	25@0	100@0	16QAM	13.05	11.45	15.33	11.33	33.01
CA_41C	5.0	20.0	2583.8	2595.5	1@24	1@0	64QAM	12.96	11.26	15.20	11.20	33.01
CA_41C	5.0	20.0	2583.8	2595.5	25@0	100@0	64QAM	12.77	11.17	15.05	11.05	33.01
CA_41C	5.0	20.0	2583.8	2595.5	1@24	1@0	256QAM	12.69	11.08	14.97	10.97	33.01
CA_41C	5.0	20.0	2583.8	2595.5	25@0	100@0	256QAM	12.55	10.98	14.85	10.85	33.01
CA_41C	20.0	5.0	2590.5	2602.2	1@99	1@0	QPSK	11.93	13.42	15.75	11.75	33.01
CA_41C	20.0	5.0	2590.5	2602.2	100@0	25@0	QPSK	11.75	13.33	15.62	11.62	33.01
CA_41C	20.0	5.0	2590.5	2602.2	1@99	1@0	16QAM	11.55	13.3	15.52	11.52	33.01
CA_41C	20.0	5.0	2590.5	2602.2	100@0	25@0	16QAM	11.52	13.11	15.40	11.40	33.01
CA_41C	20.0	5.0	2590.5	2602.2	1@99	1@0	64QAM	11.38	13.10	15.34	11.34	33.01
CA_41C	20.0	5.0	2590.5	2602.2	100@0	25@0	64QAM	11.29	13.10	15.30	11.30	33.01
CA_41C	20.0	5.0	2590.5	2602.2	1@99	1@0	256QAM	11.24	12.92	15.17	11.17	33.01
CA_41C	20.0	5.0	2590.5	2602.2	100@0	25@0	256QAM	11.21	12.78	15.08	11.08	33.01
CA_41C	10.0	20.0	2583.6	2598.0	1@49	1@0	QPSK	12.6	11.62	15.15	11.15	33.01
CA_41C	10.0	20.0	2583.6	2598.0	50@0	100@0	QPSK	12.45	11.61	15.06	11.06	33.01
CA_41C	10.0	20.0	2583.6	2598.0	1@49	1@0	16QAM	12.33	11.58	14.98	10.98	33.01
CA_41C	10.0	20.0	2583.6	2598.0	50@0	100@0	16QAM	12.24	11.41	14.86	10.86	33.01
CA_41C	10.0	20.0	2583.6	2598.0	1@49	1@0	64QAM	12.11	11.34	14.75	10.75	33.01
CA_41C	10.0	20.0	2583.6	2598.0	50@0	100@0	64QAM	12.01	11.30	14.68	10.68	33.01
CA_41C	10.0	20.0	2583.6	2598.0	1@49	1@0	256QAM	12.01	11.23	14.65	10.65	33.01
CA_41C	10.0	20.0	2583.6	2598.0	50@0	100@0	256QAM	11.94	11.19	14.59	10.59	33.01
CA_41C	20.0	10.0	2588.1	2602.5	1@99	1@0	QPSK	12.52	11.76	15.17	11.17	33.01
CA_41C	20.0	10.0	2588.1	2602.5	100@0	100@0	QPSK	12.39	11.66	15.05	11.05	33.01
CA_41C	20.0	10.0	2588.1	2602.5	1@99	1@0	16QAM	12.37	11.63	15.03	11.03	33.01
CA_41C	20.0	10.0	2588.1	2602.5	100@0	100@0	16QAM	12.22	11.6	14.93	10.93	33.01
CA_41C	20.0	10.0	2588.1	2602.5	1@99	1@0	64QAM	12.22	11.45	14.86	10.86	33.01
CA_41C	20.0	10.0	2588.1	2602.5	100@0	100@0	64QAM	12.16	11.34	14.78	10.78	33.01
CA_41C	20.0	10.0	2588.1	2602.5	1@99	1@0	256QAM	12.04	11.30	14.70	10.70	33.01
CA_41C	20.0	10.0	2588.1	2602.5	100@0	100@0	256QAM	11.91	11.23	14.59	10.59	33.01
CA_41C	15.0	15.0	2585.5	2600.5	1@74	1@0	QPSK	12.47	12.03	15.27	11.27	33.01
CA_41C	15.0	15.0	2585.5	2600.5	75@0	75@0	QPSK	12.32	12.02	15.18	11.18	33.01
CA_41C	15.0	15.0	2585.5	2600.5	1@74	1@0	16QAM	12.19	11.97	15.09	11.09	33.01
CA_41C	15.0	15.0	2585.5	2600.5	75@0	75@0	16QAM	12.06	11.84	14.96	10.96	33.01
CA_41C	15.0	15.0	2585.5	2600.5	1@74	1@0	64QAM	11.93	11.81	14.88	10.88	33.01
CA_41C	15.0	15.0	2585.5	2600.5	75@0	75@0	64QAM	11.78	11.68	14.74	10.74	33.01
CA_41C	15.0	15.0	2585.5	2600.5	1@74	1@0	256QAM	11.73	11.55	14.65	10.65	33.01
CA_41C	15.0	15.0	2585.5	2600.5	75@0	75@0	256QAM	11.58	11.42	14.51	10.51	33.01
CA_41C	15.0	20.0	2583.3	2600.4	1@74	1@0	QPSK	12.06	11.95	15.02	11.02	33.01

CA_41C	15.0	20.0	2583.3	2600.4	75@0	100@0	QPSK	11.88	11.89	14.90	10.90	33.01
CA_41C	15.0	20.0	2583.3	2600.4	1@74	1@0	16QAM	11.83	11.79	14.82	10.82	33.01
CA_41C	15.0	20.0	2583.3	2600.4	75@0	100@0	16QAM	11.68	11.78	14.74	10.74	33.01
CA_41C	15.0	20.0	2583.3	2600.4	1@74	1@0	64QAM	11.60	11.76	14.69	10.69	33.01
CA_41C	15.0	20.0	2583.3	2600.4	75@0	100@0	64QAM	11.59	11.60	14.60	10.60	33.01
CA_41C	15.0	20.0	2583.3	2600.4	1@74	1@0	256QAM	11.50	11.57	14.55	10.55	33.01
CA_41C	15.0	20.0	2583.3	2600.4	75@0	100@0	256QAM	11.43	11.41	14.43	10.43	33.01
CA_41C	20.0	15.0	2585.6	2602.7	1@99	1@0	QPSK	11.74	12.04	14.90	10.90	33.01
CA_41C	20.0	15.0	2585.6	2602.7	100@0	100@0	QPSK	11.69	11.93	14.82	10.82	33.01
CA_41C	20.0	15.0	2585.6	2602.7	1@99	1@0	16QAM	11.62	11.92	14.78	10.78	33.01
CA_41C	20.0	15.0	2585.6	2602.7	100@0	100@0	16QAM	11.58	11.91	14.76	10.76	33.01
CA_41C	20.0	15.0	2585.6	2602.7	1@99	1@0	64QAM	11.50	11.83	14.68	10.68	33.01
CA_41C	20.0	15.0	2585.6	2602.7	100@0	100@0	64QAM	11.31	11.72	14.53	10.53	33.01
CA_41C	20.0	15.0	2585.6	2602.7	1@99	1@0	256QAM	11.26	11.71	14.50	10.50	33.01
CA_41C	20.0	15.0	2585.6	2602.7	100@0	100@0	256QAM	11.17	11.53	14.36	10.36	33.01
CA_41C	20.0	20.0	2583.1	2602.9	1@99	1@0	QPSK	11.91	12.01	14.97	10.97	33.01
CA_41C	20.0	20.0	2583.1	2602.9	100@0	100@0	QPSK	11.84	11.88	14.87	10.87	33.01
CA_41C	20.0	20.0	2583.1	2602.9	1@99	1@0	16QAM	11.72	11.79	14.77	10.77	33.01
CA_41C	20.0	20.0	2583.1	2602.9	100@0	100@0	16QAM	11.58	11.67	14.64	10.64	33.01
CA_41C	20.0	20.0	2583.1	2602.9	1@99	1@0	64QAM	11.49	11.51	14.51	10.51	33.01
CA_41C	20.0	20.0	2583.1	2602.9	100@0	100@0	64QAM	11.43	11.40	14.43	10.43	33.01
CA_41C	20.0	20.0	2583.1	2602.9	1@99	1@0	256QAM	11.38	11.29	14.35	10.35	33.01
CA_41C	20.0	20.0	2583.1	2602.9	100@0	100@0	256QAM	11.34	11.09	14.23	10.23	33.01
CA_41C	5.0	20.0	2668.3	2680.0	1@24	1@0	QPSK	13.42	11.71	15.66	11.66	33.01
CA_41C	5.0	20.0	2668.3	2680.0	25@0	100@0	QPSK	13.26	11.69	15.56	11.56	33.01
CA_41C	5.0	20.0	2668.3	2680.0	1@24	1@0	16QAM	13.18	11.63	15.48	11.48	33.01
CA_41C	5.0	20.0	2668.3	2680.0	25@0	100@0	16QAM	13.11	11.59	15.43	11.43	33.01
CA_41C	5.0	20.0	2668.3	2680.0	1@24	1@0	64QAM	12.92	11.55	15.30	11.30	33.01
CA_41C	5.0	20.0	2668.3	2680.0	25@0	100@0	64QAM	12.75	11.54	15.20	11.20	33.01
CA_41C	5.0	20.0	2668.3	2680.0	1@24	1@0	256QAM	12.69	11.51	15.15	11.15	33.01
CA_41C	5.0	20.0	2668.3	2680.0	25@0	100@0	256QAM	12.60	11.43	15.06	11.06	33.01
CA_41C	20.0	5.0	2675.0	2686.7	1@99	1@0	QPSK	11.86	13.3	15.65	11.65	33.01
CA_41C	20.0	5.0	2675.0	2686.7	100@0	25@0	QPSK	11.82	13.25	15.60	11.60	33.01
CA_41C	20.0	5.0	2675.0	2686.7	1@99	1@0	16QAM	11.75	13.1	15.49	11.49	33.01
CA_41C	20.0	5.0	2675.0	2686.7	100@0	25@0	16QAM	11.64	12.94	15.35	11.35	33.01
CA_41C	20.0	5.0	2675.0	2686.7	1@99	1@0	64QAM	11.57	12.75	15.21	11.21	33.01
CA_41C	20.0	5.0	2675.0	2686.7	100@0	25@0	64QAM	11.45	12.71	15.14	11.14	33.01
CA_41C	20.0	5.0	2675.0	2686.7	1@99	1@0	256QAM	11.26	12.53	14.95	10.95	33.01
CA_41C	20.0	5.0	2675.0	2686.7	100@0	25@0	256QAM	11.25	12.45	14.90	10.90	33.01
CA_41C	10.0	20.0	2665.6	2680.0	1@49	1@0	QPSK	12.69	11.94	15.34	11.34	33.01
CA_41C	10.0	20.0	2665.6	2680.0	50@0	100@0	QPSK	12.49	11.82	15.18	11.18	33.01
CA_41C	10.0	20.0	2665.6	2680.0	1@49	1@0	16QAM	12.35	11.72	15.06	11.06	33.01
CA_41C	10.0	20.0	2665.6	2680.0	50@0	100@0	16QAM	12.17	11.59	14.90	10.90	33.01
CA_41C	10.0	20.0	2665.6	2680.0	1@49	1@0	64QAM	12.02	11.45	14.76	10.76	33.01
CA_41C	10.0	20.0	2665.6	2680.0	50@0	100@0	64QAM	11.98	11.33	14.68	10.68	33.01
CA_41C	10.0	20.0	2665.6	2680.0	1@49	1@0	256QAM	11.97	11.16	14.60	10.60	33.01
CA_41C	10.0	20.0	2665.6	2680.0	50@0	100@0	256QAM	11.94	11.05	14.53	10.53	33.01
CA_41C	20.0	10.0	2670.1	2684.5	1@99	1@0	QPSK	12.73	11.9	15.35	11.35	33.01
CA_41C	20.0	10.0	2670.1	2684.5	100@0	100@0	QPSK	12.55	11.78	15.19	11.19	33.01
CA_41C	20.0	10.0	2670.1	2684.5	1@99	1@0	16QAM	12.49	11.69	15.12	11.12	33.01
CA_41C	20.0	10.0	2670.1	2684.5	100@0	100@0	16QAM	12.38	11.51	14.98	10.98	33.01
CA_41C	20.0	10.0	2670.1	2684.5	1@99	1@0	64QAM	12.20	11.47	14.86	10.86	33.01
CA_41C	20.0	10.0	2670.1	2684.5	100@0	100@0	64QAM	12.03	11.42	14.75	10.75	33.01
CA_41C	20.0	10.0	2670.1	2684.5	1@99	1@0	256QAM	11.94	11.26	14.63	10.63	33.01
CA_41C	20.0	10.0	2670.1	2684.5	100@0	100@0	256QAM	11.86	11.16	14.54	10.54	33.01
CA_41C	15.0	15.0	2667.5	2682.5	1@74	1@0	QPSK	12.07	12.47	15.28	11.28	33.01
CA_41C	15.0	15.0	2667.5	2682.5	75@0	75@0	QPSK	11.87	12.3	15.10	11.10	33.01
CA_41C	15.0	15.0	2667.5	2682.5	1@74	1@0	16QAM	11.73	12.26	15.01	11.01	33.01
CA_41C	15.0	15.0	2667.5	2682.5	75@0	75@0	16QAM	11.59	12.25	14.94	10.94	33.01
CA_41C	15.0	15.0	2667.5	2682.5	1@74	1@0	64QAM	11.50	12.15	14.85	10.85	33.01
CA_41C	15.0	15.0	2667.5	2682.5	75@0	75@0	64QAM	11.33	11.96	14.67	10.67	33.01
CA_41C	15.0	15.0	2667.5	2682.5	1@74	1@0	256QAM	11.16	11.89	14.55	10.55	33.01
CA_41C	15.0	15.0	2667.5	2682.5	75@0	75@0	256QAM	11.15	11.87	14.53	10.53	33.01
CA_41C	15.0	20.0	2662.9	2680.0	1@74	1@0	QPSK	12.09	11.53	14.83	10.83	33.01
CA_41C	15.0	20.0	2662.9	2680.0	75@0	100@0	QPSK	12.03	11.53	14.80	10.80	33.01
CA_41C	15.0	20.0	2662.9	2680.0	1@74	1@0	16QAM	11.94	11.44	14.71	10.71	33.01
CA_41C	15.0	20.0	2662.9	2680.0	75@0	100@0	16QAM	11.87	11.4	14.65	10.65	33.01
CA_41C	15.0	20.0	2662.9	2680.0	1@74	1@0	64QAM	11.72	11.20	14.48	10.48	33.01
CA_41C	15.0	20.0	2662.9	2680.0	75@0	100@0	64QAM	11.60	11.06	14.35	10.35	33.01
CA_41C	15.0	20.0	2662.9	2680.0	1@74	1@0	256QAM	11.44	11.00	14.24	10.24	33.01
CA_41C	15.0	20.0	2662.9	2680.0	75@0	100@0	256QAM	11.43	10.90	14.18	10.18	33.01
CA_41C	20.0	15.0	2665.1	2682.2	1@99	1@0	QPSK	11.72	12.35	15.06	11.06	33.01
CA_41C	20.0	15.0	2665.1	2682.2	100@0	100@0	QPSK	11.62	12.34	15.01	11.01	33.01
CA_41C	20.0	15.0	2665.1	2682.2	1@99	1@0	16QAM	11.52	12.32	14.95	10.95	33.01
CA_41C	20.0	15.0	2665.1	2682.2	100@0	100@0	16QAM	11.36	12.18	14.80	10.80	33.01
CA_41C	20.0	15.0	2665.1	2682.2	1@99	1@0	64QAM	11.32	12.03	14.70	10.70	33.01

CA_41C	20.0	15.0	2665.1	2682.2	100@0	100@0	64QAM	11.16	12.01	14.62	10.62	33.01
CA_41C	20.0	15.0	2665.1	2682.2	1@99	1@0	256QAM	11.00	11.89	14.48	10.48	33.01
CA_41C	20.0	15.0	2665.1	2682.2	100@0	100@0	256QAM	10.91	11.82	14.40	10.40	33.01
CA_41C	20.0	20.0	2660.2	2680.0	1@99	1@0	QPSK	11.63	12.22	14.95	10.95	33.01
CA_41C	20.0	20.0	2660.2	2680.0	100@0	100@0	QPSK	11.5	12.09	14.82	10.82	33.01
CA_41C	20.0	20.0	2660.2	2680.0	1@99	1@0	16QAM	11.34	12.08	14.74	10.74	33.01
CA_41C	20.0	20.0	2660.2	2680.0	100@0	100@0	16QAM	11.27	11.95	14.63	10.63	33.01
CA_41C	20.0	20.0	2660.2	2680.0	1@99	1@0	64QAM	11.10	11.77	14.46	10.46	33.01
CA_41C	20.0	20.0	2660.2	2680.0	100@0	100@0	64QAM	11.01	11.71	14.38	10.38	33.01
CA_41C	20.0	20.0	2660.2	2680.0	1@99	1@0	256QAM	10.83	11.68	14.29	10.29	33.01
CA_41C	20.0	20.0	2660.2	2680.0	100@0	100@0	256QAM	10.82	11.66	14.27	10.27	33.01
CA_66C	10.0	20.0	1715.5	1729.9	1@49	1@0	QPSK	15.69	15.36	18.54	20.24	30.00
CA_66C	10.0	20.0	1715.5	1729.9	50@0	100@0	QPSK	15.57	15.24	18.42	20.12	30.00
CA_66C	10.0	20.0	1715.5	1729.9	1@49	1@0	16QAM	15.56	15.21	18.40	20.10	30.00
CA_66C	10.0	20.0	1715.5	1729.9	50@0	100@0	16QAM	15.47	15.15	18.32	20.02	30.00
CA_66C	10.0	20.0	1715.5	1729.9	1@49	1@0	64QAM	15.38	15.12	18.26	19.96	30.00
CA_66C	10.0	20.0	1715.5	1729.9	50@0	100@0	64QAM	15.19	14.96	18.09	19.79	30.00
CA_66C	10.0	20.0	1715.5	1729.9	1@49	1@0	256QAM	15.01	14.94	17.99	19.69	30.00
CA_66C	10.0	20.0	1715.5	1729.9	50@0	100@0	256QAM	14.90	14.79	17.86	19.56	30.00
CA_66C	20.0	10.0	1720.0	1734.4	1@99	1@0	QPSK	15.44	15.72	18.59	20.29	30.00
CA_66C	20.0	10.0	1720.0	1734.4	100@0	100@0	QPSK	15.39	15.67	18.54	20.24	30.00
CA_66C	20.0	10.0	1720.0	1734.4	1@99	1@0	16QAM	15.37	15.56	18.48	20.18	30.00
CA_66C	20.0	10.0	1720.0	1734.4	100@0	100@0	16QAM	15.20	15.39	18.31	20.01	30.00
CA_66C	20.0	10.0	1720.0	1734.4	1@99	1@0	64QAM	15.06	15.20	18.14	19.84	30.00
CA_66C	20.0	10.0	1720.0	1734.4	100@0	100@0	64QAM	14.97	15.05	18.02	19.72	30.00
CA_66C	20.0	10.0	1720.0	1734.4	1@99	1@0	256QAM	14.94	14.96	17.96	19.66	30.00
CA_66C	20.0	10.0	1720.0	1734.4	100@0	100@0	256QAM	14.75	14.92	17.84	19.54	30.00
CA_66C	15.0	15.0	1717.5	1732.5	1@74	1@0	QPSK	15.02	15.04	18.04	19.74	30.00
CA_66C	15.0	15.0	1717.5	1732.5	75@0	75@0	QPSK	14.99	14.92	17.97	19.67	30.00
CA_66C	15.0	15.0	1717.5	1732.5	1@74	1@0	16QAM	14.90	14.84	17.88	19.58	30.00
CA_66C	15.0	15.0	1717.5	1732.5	75@0	75@0	16QAM	14.77	14.81	17.80	19.50	30.00
CA_66C	15.0	15.0	1717.5	1732.5	1@74	1@0	64QAM	14.68	14.64	17.67	19.37	30.00
CA_66C	15.0	15.0	1717.5	1732.5	75@0	75@0	64QAM	14.48	14.50	17.50	19.20	30.00
CA_66C	15.0	15.0	1717.5	1732.5	1@74	1@0	256QAM	14.40	14.33	17.37	19.07	30.00
CA_66C	15.0	15.0	1717.5	1732.5	75@0	75@0	256QAM	14.35	14.15	17.26	18.96	30.00
CA_66C	15.0	20.0	1717.8	1734.9	1@74	1@0	QPSK	15.64	15.28	18.47	20.17	30.00
CA_66C	15.0	20.0	1717.8	1734.9	75@0	100@0	QPSK	15.51	15.14	18.34	20.04	30.00
CA_66C	15.0	20.0	1717.8	1734.9	1@74	1@0	16QAM	15.41	15.13	18.28	19.98	30.00
CA_66C	15.0	20.0	1717.8	1734.9	75@0	100@0	16QAM	15.37	15.12	18.26	19.96	30.00
CA_66C	15.0	20.0	1717.8	1734.9	1@74	1@0	64QAM	15.22	15.06	18.15	19.85	30.00
CA_66C	15.0	20.0	1717.8	1734.9	75@0	100@0	64QAM	15.19	14.93	18.07	19.77	30.00
CA_66C	15.0	20.0	1717.8	1734.9	1@74	1@0	256QAM	15.03	14.74	17.90	19.60	30.00
CA_66C	15.0	20.0	1717.8	1734.9	75@0	100@0	256QAM	14.87	14.69	17.79	19.49	30.00
CA_66C	20.0	15.0	1720.0	1737.1	1@99	1@0	QPSK	14.66	15.33	18.02	19.72	30.00
CA_66C	20.0	15.0	1720.0	1737.1	100@0	100@0	QPSK	14.51	15.18	17.87	19.57	30.00
CA_66C	20.0	15.0	1720.0	1737.1	1@99	1@0	16QAM	14.46	15.00	17.75	19.45	30.00
CA_66C	20.0	15.0	1720.0	1737.1	100@0	100@0	16QAM	14.44	14.80	17.63	19.33	30.00
CA_66C	20.0	15.0	1720.0	1737.1	1@99	1@0	64QAM	14.37	14.75	17.57	19.27	30.00
CA_66C	20.0	15.0	1720.0	1737.1	100@0	100@0	64QAM	14.30	14.67	17.50	19.20	30.00
CA_66C	20.0	15.0	1720.0	1737.1	1@99	1@0	256QAM	14.21	14.56	17.40	19.10	30.00
CA_66C	20.0	15.0	1720.0	1737.1	100@0	100@0	256QAM	14.20	14.52	17.37	19.07	30.00
CA_66C	20.0	5.0	1720.0	1731.7	1@99	1@0	QPSK	14.53	16.01	18.34	20.04	30.00
CA_66C	20.0	5.0	1720.0	1731.7	100@0	25@0	QPSK	14.36	15.83	18.17	19.87	30.00
CA_66C	20.0	5.0	1720.0	1731.7	1@99	1@0	16QAM	14.16	15.70	18.01	19.71	30.00
CA_66C	20.0	5.0	1720.0	1731.7	100@0	25@0	16QAM	14.07	15.64	17.94	19.64	30.00
CA_66C	20.0	5.0	1720.0	1731.7	1@99	1@0	64QAM	13.96	15.57	17.85	19.55	30.00
CA_66C	20.0	5.0	1720.0	1731.7	100@0	25@0	64QAM	13.84	15.42	17.71	19.41	30.00
CA_66C	20.0	5.0	1720.0	1731.7	1@99	1@0	256QAM	13.69	15.41	17.64	19.34	30.00
CA_66C	20.0	5.0	1720.0	1731.7	100@0	25@0	256QAM	13.62	15.40	17.61	19.31	30.00
CA_66C	5.0	20.0	1713.3	1725.0	1@24	1@0	QPSK	16.00	14.84	18.47	20.17	30.00
CA_66C	5.0	20.0	1713.3	1725.0	25@0	100@0	QPSK	15.89	14.70	18.35	20.05	30.00
CA_66C	5.0	20.0	1713.3	1725.0	1@24	1@0	16QAM	15.88	14.60	18.30	20.00	30.00
CA_66C	5.0	20.0	1713.3	1725.0	25@0	100@0	16QAM	15.71	14.40	18.11	19.81	30.00
CA_66C	5.0	20.0	1713.3	1725.0	1@24	1@0	64QAM	15.64	14.37	18.06	19.76	30.00
CA_66C	5.0	20.0	1713.3	1725.0	25@0	100@0	64QAM	15.51	14.25	17.93	19.63	30.00
CA_66C	5.0	20.0	1713.3	1725.0	1@24	1@0	256QAM	15.36	14.22	17.84	19.54	30.00
CA_66C	5.0	20.0	1713.3	1725.0	25@0	100@0	256QAM	15.34	14.12	17.78	19.48	30.00
CA_66C	20.0	20.0	1720.0	1739.8	1@99	1@0	QPSK	14.69	14.59	17.65	19.35	30.00
CA_66C	20.0	20.0	1720.0	1739.8	100@0	100@0	QPSK	14.51	14.53	17.53	19.23	30.00
CA_66C	20.0	20.0	1720.0	1739.8	1@99	1@0	16QAM	14.42	14.49	17.47	19.17	30.00
CA_66C	20.0	20.0	1720.0	1739.8	100@0	100@0	16QAM	14.37	14.32	17.36	19.06	30.00
CA_66C	20.0	20.0	1720.0	1739.8	1@99	1@0	64QAM	14.21	14.13	17.18	18.88	30.00
CA_66C	20.0	20.0	1720.0	1739.8	100@0	100@0	64QAM	14.19	14.11	17.16	18.86	30.00
CA_66C	20.0	20.0	1720.0	1739.8	1@99	1@0	256QAM	14.13	14.00	17.07	18.77	30.00
CA_66C	20.0	20.0	1720.0	1739.8	100@0	100@0	256QAM	13.95	13.89	16.93	18.63	30.00
CA_66C	10.0	20.0	1745.6	1760.0	1@49	1@0	QPSK	15.87	15.10	18.51	20.21	30.00

CA_66C	10.0	20.0	1745.6	1760.0	50@0	100@0	QPSK	15.84	14.92	18.41	20.11	30.00
CA_66C	10.0	20.0	1745.6	1760.0	1@49	1@0	16QAM	15.65	14.76	18.24	19.94	30.00
CA_66C	10.0	20.0	1745.6	1760.0	50@0	100@0	16QAM	15.65	14.57	18.15	19.85	30.00
CA_66C	10.0	20.0	1745.6	1760.0	1@49	1@0	64QAM	15.60	14.38	18.04	19.74	30.00
CA_66C	10.0	20.0	1745.6	1760.0	50@0	100@0	64QAM	15.54	14.37	18.00	19.70	30.00
CA_66C	10.0	20.0	1745.6	1760.0	1@49	1@0	256QAM	15.48	14.29	17.94	19.64	30.00
CA_66C	10.0	20.0	1745.6	1760.0	50@0	100@0	256QAM	15.47	14.24	17.91	19.61	30.00
CA_66C	20.0	10.0	1750.1	1764.5	1@99	1@0	QPSK	15.13	15.67	18.42	20.12	30.00
CA_66C	20.0	10.0	1750.1	1764.5	100@0	100@0	QPSK	14.99	15.67	18.35	20.05	30.00
CA_66C	20.0	10.0	1750.1	1764.5	1@99	1@0	16QAM	14.91	15.53	18.24	19.94	30.00
CA_66C	20.0	10.0	1750.1	1764.5	100@0	100@0	16QAM	14.84	15.41	18.14	19.84	30.00
CA_66C	20.0	10.0	1750.1	1764.5	1@99	1@0	64QAM	14.81	15.30	18.07	19.77	30.00
CA_66C	20.0	10.0	1750.1	1764.5	100@0	100@0	64QAM	14.74	15.27	18.03	19.73	30.00
CA_66C	20.0	10.0	1750.1	1764.5	1@99	1@0	256QAM	14.63	15.13	17.90	19.60	30.00
CA_66C	20.0	10.0	1750.1	1764.5	100@0	100@0	256QAM	14.50	15.10	17.82	19.52	30.00
CA_66C	15.0	15.0	1747.5	1762.5	1@74	1@0	QPSK	15.24	15.29	18.28	19.98	30.00
CA_66C	15.0	15.0	1747.5	1762.5	75@0	75@0	QPSK	15.10	15.25	18.19	19.89	30.00
CA_66C	15.0	15.0	1747.5	1762.5	1@74	1@0	16QAM	15.09	15.24	18.18	19.88	30.00
CA_66C	15.0	15.0	1747.5	1762.5	75@0	75@0	16QAM	15.01	15.15	18.09	19.79	30.00
CA_66C	15.0	15.0	1747.5	1762.5	1@74	1@0	64QAM	14.89	15.09	18.00	19.70	30.00
CA_66C	15.0	15.0	1747.5	1762.5	75@0	75@0	64QAM	14.71	15.02	17.88	19.58	30.00
CA_66C	15.0	15.0	1747.5	1762.5	1@74	1@0	256QAM	14.54	14.83	17.70	19.40	30.00
CA_66C	15.0	15.0	1747.5	1762.5	75@0	75@0	256QAM	14.41	14.65	17.54	19.24	30.00
CA_66C	15.0	20.0	1745.3	1762.4	1@74	1@0	QPSK	15.65	15.13	18.41	20.11	30.00
CA_66C	15.0	20.0	1745.3	1762.4	75@0	100@0	QPSK	15.58	15.11	18.36	20.06	30.00
CA_66C	15.0	20.0	1745.3	1762.4	1@74	1@0	16QAM	15.57	15.07	18.34	20.04	30.00
CA_66C	15.0	20.0	1745.3	1762.4	75@0	100@0	16QAM	15.48	15.03	18.27	19.97	30.00
CA_66C	15.0	20.0	1745.3	1762.4	1@74	1@0	64QAM	15.48	14.90	18.21	19.91	30.00
CA_66C	15.0	20.0	1745.3	1762.4	75@0	100@0	64QAM	15.35	14.86	18.12	19.82	30.00
CA_66C	15.0	20.0	1745.3	1762.4	1@74	1@0	256QAM	15.25	14.73	18.01	19.71	30.00
CA_66C	15.0	20.0	1745.3	1762.4	75@0	100@0	256QAM	15.13	14.64	17.90	19.60	30.00
CA_66C	20.0	15.0	1747.6	1764.7	1@99	1@0	QPSK	14.61	15.19	17.92	19.62	30.00
CA_66C	20.0	15.0	1747.6	1764.7	100@0	100@0	QPSK	14.60	15.15	17.89	19.59	30.00
CA_66C	20.0	15.0	1747.6	1764.7	1@99	1@0	16QAM	14.46	15.03	17.76	19.46	30.00
CA_66C	20.0	15.0	1747.6	1764.7	100@0	100@0	16QAM	14.33	14.95	17.66	19.36	30.00
CA_66C	20.0	15.0	1747.6	1764.7	1@99	1@0	64QAM	14.25	14.75	17.52	19.22	30.00
CA_66C	20.0	15.0	1747.6	1764.7	100@0	100@0	64QAM	14.07	14.73	17.42	19.12	30.00
CA_66C	20.0	15.0	1747.6	1764.7	1@99	1@0	256QAM	13.94	14.63	17.31	19.01	30.00
CA_66C	20.0	15.0	1747.6	1764.7	100@0	100@0	256QAM	13.88	14.57	17.25	18.95	30.00
CA_66C	20.0	5.0	1752.5	1764.2	1@99	1@0	QPSK	14.61	16.27	18.53	20.23	30.00
CA_66C	20.0	5.0	1752.5	1764.2	100@0	25@0	QPSK	14.61	16.18	18.48	20.18	30.00
CA_66C	20.0	5.0	1752.5	1764.2	1@99	1@0	16QAM	14.42	15.99	18.29	19.99	30.00
CA_66C	20.0	5.0	1752.5	1764.2	100@0	25@0	16QAM	14.23	15.83	18.11	19.81	30.00
CA_66C	20.0	5.0	1752.5	1764.2	1@99	1@0	64QAM	14.06	15.76	18.00	19.70	30.00
CA_66C	20.0	5.0	1752.5	1764.2	100@0	25@0	64QAM	13.91	15.62	17.86	19.56	30.00
CA_66C	20.0	5.0	1752.5	1764.2	1@99	1@0	256QAM	13.81	15.59	17.80	19.50	30.00
CA_66C	20.0	5.0	1752.5	1764.2	100@0	25@0	256QAM	13.67	15.53	17.71	19.41	30.00
CA_66C	5.0	20.0	1745.8	1757.5	1@24	1@0	QPSK	16.42	14.89	18.73	20.43	30.00
CA_66C	5.0	20.0	1745.8	1757.5	25@0	100@0	QPSK	16.36	14.78	18.65	20.35	30.00
CA_66C	5.0	20.0	1745.8	1757.5	1@24	1@0	16QAM	16.18	14.67	18.50	20.20	30.00
CA_66C	5.0	20.0	1745.8	1757.5	25@0	100@0	16QAM	15.99	14.66	18.39	20.09	30.00
CA_66C	5.0	20.0	1745.8	1757.5	1@24	1@0	64QAM	15.87	14.65	18.31	20.01	30.00
CA_66C	5.0	20.0	1745.8	1757.5	25@0	100@0	64QAM	15.70	14.57	18.18	19.88	30.00
CA_66C	5.0	20.0	1745.8	1757.5	1@24	1@0	256QAM	15.64	14.44	18.09	19.79	30.00
CA_66C	5.0	20.0	1745.8	1757.5	25@0	100@0	256QAM	15.62	14.34	18.04	19.74	30.00
CA_66C	20.0	20.0	1745.1	1764.9	1@99	1@0	QPSK	14.63	14.56	17.61	19.31	30.00
CA_66C	20.0	20.0	1745.1	1764.9	100@0	100@0	QPSK	14.62	14.50	17.57	19.27	30.00
CA_66C	20.0	20.0	1745.1	1764.9	1@99	1@0	16QAM	14.53	14.43	17.49	19.19	30.00
CA_66C	20.0	20.0	1745.1	1764.9	100@0	100@0	16QAM	14.50	14.27	17.40	19.10	30.00
CA_66C	20.0	20.0	1745.1	1764.9	1@99	1@0	64QAM	14.32	14.25	17.30	19.00	30.00
CA_66C	20.0	20.0	1745.1	1764.9	100@0	100@0	64QAM	14.25	14.11	17.19	18.89	30.00
CA_66C	20.0	20.0	1745.1	1764.9	1@99	1@0	256QAM	14.13	14.11	17.13	18.83	30.00
CA_66C	20.0	20.0	1745.1	1764.9	100@0	100@0	256QAM	14.02	14.02	17.03	18.73	30.00
CA_66C	10.0	20.0	1755.6	1770.0	1@49	1@0	QPSK	15.82	15.01	18.44	20.14	30.00
CA_66C	10.0	20.0	1755.6	1770.0	50@0	100@0	QPSK	15.80	14.88	18.37	20.07	30.00
CA_66C	10.0	20.0	1755.6	1770.0	1@49	1@0	16QAM	15.63	14.76	18.23	19.93	30.00
CA_66C	10.0	20.0	1755.6	1770.0	50@0	100@0	16QAM	15.62	14.72	18.20	19.90	30.00
CA_66C	10.0	20.0	1755.6	1770.0	1@49	1@0	64QAM	15.62	14.61	18.15	19.85	30.00
CA_66C	10.0	20.0	1755.6	1770.0	50@0	100@0	64QAM	15.56	14.59	18.11	19.81	30.00
CA_66C	10.0	20.0	1755.6	1770.0	1@49	1@0	256QAM	15.37	14.44	17.94	19.64	30.00
CA_66C	10.0	20.0	1755.6	1770.0	50@0	100@0	256QAM	15.17	14.41	17.82	19.52	30.00
CA_66C	20.0	10.0	1760.1	1774.5	1@99	1@0	QPSK	15.47	15.73	18.61	20.31	30.00
CA_66C	20.0	10.0	1760.1	1774.5	100@0	100@0	QPSK	15.29	15.58	18.45	20.15	30.00
CA_66C	20.0	10.0	1760.1	1774.5	1@99	1@0	16QAM	15.18	15.43	18.32	20.02	30.00
CA_66C	20.0	10.0	1760.1	1774.5	100@0	100@0	16QAM	15.03	15.27	18.16	19.86	30.00
CA_66C	20.0	10.0	1760.1	1774.5	1@99	1@0	64QAM	15.00	15.27	18.15	19.85	30.00

CA_66C	20.0	10.0	1760.1	1774.5	100@0	100@0	64QAM	14.99	15.21	18.11	19.81	30.00
CA_66C	20.0	10.0	1760.1	1774.5	1@99	1@0	256QAM	14.83	15.12	17.99	19.69	30.00
CA_66C	20.0	10.0	1760.1	1774.5	100@0	100@0	256QAM	14.82	14.95	17.89	19.59	30.00
CA_66C	15.0	15.0	1757.5	1772.5	1@74	1@0	QPSK	15.17	15.42	18.31	20.01	30.00
CA_66C	15.0	15.0	1757.5	1772.5	75@0	75@0	QPSK	15.06	15.33	18.21	19.91	30.00
CA_66C	15.0	15.0	1757.5	1772.5	1@74	1@0	16QAM	15.00	15.15	18.09	19.79	30.00
CA_66C	15.0	15.0	1757.5	1772.5	75@0	75@0	16QAM	14.96	15.08	18.03	19.73	30.00
CA_66C	15.0	15.0	1757.5	1772.5	1@74	1@0	64QAM	14.93	14.93	17.94	19.64	30.00
CA_66C	15.0	15.0	1757.5	1772.5	75@0	75@0	64QAM	14.91	14.84	17.89	19.59	30.00
CA_66C	15.0	15.0	1757.5	1772.5	1@74	1@0	256QAM	14.89	14.77	17.84	19.54	30.00
CA_66C	15.0	15.0	1757.5	1772.5	75@0	75@0	256QAM	14.71	14.75	17.74	19.44	30.00
CA_66C	15.0	20.0	1752.9	1770.0	1@74	1@0	QPSK	15.80	15.09	18.47	20.17	30.00
CA_66C	15.0	20.0	1752.9	1770.0	75@0	100@0	QPSK	15.68	14.89	18.31	20.01	30.00
CA_66C	15.0	20.0	1752.9	1770.0	1@74	1@0	16QAM	15.62	14.78	18.23	19.93	30.00
CA_66C	15.0	20.0	1752.9	1770.0	75@0	100@0	16QAM	15.50	14.72	18.14	19.84	30.00
CA_66C	15.0	20.0	1752.9	1770.0	1@74	1@0	64QAM	15.45	14.66	18.09	19.79	30.00
CA_66C	15.0	20.0	1752.9	1770.0	75@0	100@0	64QAM	15.45	14.56	18.04	19.74	30.00
CA_66C	15.0	20.0	1752.9	1770.0	1@74	1@0	256QAM	15.42	14.53	18.01	19.71	30.00
CA_66C	15.0	20.0	1752.9	1770.0	75@0	100@0	256QAM	15.38	14.39	17.92	19.62	30.00
CA_66C	20.0	15.0	1755.1	1772.2	1@99	1@0	QPSK	14.56	15.03	17.81	19.51	30.00
CA_66C	20.0	15.0	1755.1	1772.2	100@0	100@0	QPSK	14.43	15.00	17.73	19.43	30.00
CA_66C	20.0	15.0	1755.1	1772.2	1@99	1@0	16QAM	14.38	14.97	17.70	19.40	30.00
CA_66C	20.0	15.0	1755.1	1772.2	100@0	100@0	16QAM	14.23	14.94	17.61	19.31	30.00
CA_66C	20.0	15.0	1755.1	1772.2	1@99	1@0	64QAM	14.04	14.77	17.43	19.13	30.00
CA_66C	20.0	15.0	1755.1	1772.2	100@0	100@0	64QAM	13.96	14.70	17.35	19.05	30.00
CA_66C	20.0	15.0	1755.1	1772.2	1@99	1@0	256QAM	13.93	14.69	17.33	19.03	30.00
CA_66C	20.0	15.0	1755.1	1772.2	100@0	100@0	256QAM	13.87	14.66	17.30	19.00	30.00
CA_66C	20.0	5.0	1765.0	1776.7	1@99	1@0	QPSK	14.93	16.10	18.56	20.26	30.00
CA_66C	20.0	5.0	1765.0	1776.7	100@0	25@0	QPSK	14.92	16.01	18.51	20.21	30.00
CA_66C	20.0	5.0	1765.0	1776.7	1@99	1@0	16QAM	14.82	15.95	18.43	20.13	30.00
CA_66C	20.0	5.0	1765.0	1776.7	100@0	25@0	16QAM	14.81	15.76	18.32	20.02	30.00
CA_66C	20.0	5.0	1765.0	1776.7	1@99	1@0	64QAM	14.62	15.66	18.18	19.88	30.00
CA_66C	20.0	5.0	1765.0	1776.7	100@0	25@0	64QAM	14.47	15.53	18.04	19.74	30.00
CA_66C	20.0	5.0	1765.0	1776.7	1@99	1@0	256QAM	14.39	15.47	17.97	19.67	30.00
CA_66C	20.0	5.0	1765.0	1776.7	100@0	25@0	256QAM	14.27	15.28	17.81	19.51	30.00
CA_66C	5.0	20.0	1758.3	1770.0	1@24	1@0	QPSK	16.26	14.79	18.60	20.30	30.00
CA_66C	5.0	20.0	1758.3	1770.0	25@0	100@0	QPSK	16.25	14.68	18.55	20.25	30.00
CA_66C	5.0	20.0	1758.3	1770.0	1@24	1@0	16QAM	16.25	14.59	18.51	20.21	30.00
CA_66C	5.0	20.0	1758.3	1770.0	25@0	100@0	16QAM	16.13	14.45	18.38	20.08	30.00
CA_66C	5.0	20.0	1758.3	1770.0	1@24	1@0	64QAM	16.02	14.43	18.31	20.01	30.00
CA_66C	5.0	20.0	1758.3	1770.0	25@0	100@0	64QAM	15.96	14.30	18.22	19.92	30.00
CA_66C	5.0	20.0	1758.3	1770.0	1@24	1@0	256QAM	15.89	14.22	18.14	19.84	30.00
CA_66C	5.0	20.0	1758.3	1770.0	25@0	100@0	256QAM	15.73	14.05	17.98	19.68	30.00
CA_66C	20.0	20.0	1750.2	1770.0	1@99	1@0	QPSK	14.78	14.88	17.84	19.54	30.00
CA_66C	20.0	20.0	1750.2	1770.0	100@0	100@0	QPSK	14.65	14.76	17.72	19.42	30.00
CA_66C	20.0	20.0	1750.2	1770.0	1@99	1@0	16QAM	14.45	14.65	17.56	19.26	30.00
CA_66C	20.0	20.0	1750.2	1770.0	100@0	100@0	16QAM	14.36	14.64	17.51	19.21	30.00
CA_66C	20.0	20.0	1750.2	1770.0	1@99	1@0	64QAM	14.20	14.53	17.38	19.08	30.00
CA_66C	20.0	20.0	1750.2	1770.0	100@0	100@0	64QAM	14.11	14.42	17.28	18.98	30.00
CA_66C	20.0	20.0	1750.2	1770.0	1@99	1@0	256QAM	14.03	14.41	17.23	18.93	30.00
CA_66C	20.0	20.0	1750.2	1770.0	100@0	100@0	256QAM	13.84	14.37	17.12	18.82	30.00