

Transmitter Conducted Output Power And EIRP

Band	PCC_BW (MHz)	SCC_BW (MHz)	PCC_Freq (MHz)	SCC_Freq (MHz)	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	12.90	12.31	15.62	12.13	33.01
CA_7C	10.0	20.0	2505.5	2519.9	50@0	100@0	QPSK	12.88	12.28	15.60	12.11	33.01
CA_7C	10.0	20.0	2505.5	2519.9	1@49	1@0	16QAM	12.80	12.10	15.47	11.98	33.01
CA_7C	10.0	20.0	2505.5	2519.9	50@0	100@0	16QAM	12.61	12.08	15.36	11.87	33.01
CA_7C	10.0	20.0	2505.5	2519.9	1@49	1@0	64QAM	12.55	12.06	15.32	11.83	33.01
CA_7C	10.0	20.0	2505.5	2519.9	50@0	100@0	64QAM	12.44	11.91	15.19	11.70	33.01
CA_7C	10.0	20.0	2505.5	2519.9	1@49	1@0	256QAM	11.43	10.49	13.99	10.50	33.01
CA_7C	10.0	20.0	2505.5	2519.9	50@0	100@0	256QAM	11.37	10.30	13.88	10.39	33.01
CA_7C	20.0	10.0	2510.0	2524.4	1@99	1@0	QPSK	12.37	12.70	15.55	12.06	33.01
CA_7C	20.0	10.0	2510.0	2524.4	100@0	100@0	QPSK	12.30	12.54	15.43	11.94	33.01
CA_7C	20.0	10.0	2510.0	2524.4	1@99	1@0	16QAM	12.15	12.53	15.35	11.86	33.01
CA_7C	20.0	10.0	2510.0	2524.4	100@0	100@0	16QAM	12.09	12.50	15.31	11.82	33.01
CA_7C	20.0	10.0	2510.0	2524.4	1@99	1@0	64QAM	11.98	12.46	15.24	11.75	33.01
CA_7C	20.0	10.0	2510.0	2524.4	100@0	100@0	64QAM	11.87	12.35	15.13	11.64	33.01
CA_7C	20.0	10.0	2510.0	2524.4	1@99	1@0	256QAM	11.56	11.91	14.75	11.26	33.01
CA_7C	20.0	10.0	2510.0	2524.4	100@0	100@0	256QAM	11.56	11.83	14.70	11.21	33.01
CA_7C	15.0	15.0	2507.5	2522.5	1@74	1@0	QPSK	12.45	12.28	15.38	11.89	33.01
CA_7C	15.0	15.0	2507.5	2522.5	75@0	75@0	QPSK	12.43	12.11	15.28	11.79	33.01
CA_7C	15.0	15.0	2507.5	2522.5	1@74	1@0	16QAM	12.27	12.08	15.19	11.70	33.01
CA_7C	15.0	15.0	2507.5	2522.5	75@0	75@0	16QAM	12.20	12.08	15.15	11.66	33.01
CA_7C	15.0	15.0	2507.5	2522.5	1@74	1@0	64QAM	12.20	11.95	15.09	11.60	33.01
CA_7C	15.0	15.0	2507.5	2522.5	75@0	75@0	64QAM	12.01	11.84	14.94	11.45	33.01
CA_7C	15.0	15.0	2507.5	2522.5	1@74	1@0	256QAM	10.96	11.73	14.37	10.88	33.01
CA_7C	15.0	15.0	2507.5	2522.5	75@0	75@0	256QAM	10.87	11.67	14.30	10.81	33.01
CA_7C	15.0	20.0	2507.8	2524.9	1@74	1@0	QPSK	12.38	11.92	15.17	11.68	33.01
CA_7C	15.0	20.0	2507.8	2524.9	75@0	100@0	QPSK	12.18	11.76	14.99	11.50	33.01
CA_7C	15.0	20.0	2507.8	2524.9	1@74	1@0	16QAM	12.10	11.59	14.86	11.37	33.01
CA_7C	15.0	20.0	2507.8	2524.9	75@0	100@0	16QAM	12.03	11.52	14.79	11.30	33.01
CA_7C	15.0	20.0	2507.8	2524.9	1@74	1@0	64QAM	11.91	11.52	14.73	11.24	33.01
CA_7C	15.0	20.0	2507.8	2524.9	75@0	100@0	64QAM	11.84	11.35	14.61	11.12	33.01
CA_7C	15.0	20.0	2507.8	2524.9	1@74	1@0	256QAM	10.41	9.79	13.12	9.63	33.01
CA_7C	15.0	20.0	2507.8	2524.9	75@0	100@0	256QAM	10.30	9.78	13.06	9.57	33.01
CA_7C	20.0	15.0	2510.0	2527.1	1@99	1@0	QPSK	11.53	12.21	14.89	11.40	33.01
CA_7C	20.0	15.0	2510.0	2527.1	100@0	100@0	QPSK	11.36	12.15	14.78	11.29	33.01
CA_7C	20.0	15.0	2510.0	2527.1	1@99	1@0	16QAM	11.18	11.98	14.61	11.12	33.01

CA_7C	20.0	15.0	2510.0	2527.1	100@0	100@0	16QAM	10.99	11.94	14.50	11.01	33.01
CA_7C	20.0	15.0	2510.0	2527.1	1@99	1@0	64QAM	10.86	11.82	14.38	10.89	33.01
CA_7C	20.0	15.0	2510.0	2527.1	100@0	100@0	64QAM	10.70	11.75	14.27	10.78	33.01
CA_7C	20.0	15.0	2510.0	2527.1	1@99	1@0	256QAM	8.71	10.57	12.75	9.26	33.01
CA_7C	20.0	15.0	2510.0	2527.1	100@0	100@0	256QAM	8.70	10.39	12.64	9.15	33.01
CA_7C	20.0	20.0	2510.0	2529.8	1@99	1@0	QPSK	11.58	11.94	14.77	11.28	33.01
CA_7C	20.0	20.0	2510.0	2529.8	100@0	100@0	QPSK	11.53	11.83	14.69	11.20	33.01
CA_7C	20.0	20.0	2510.0	2529.8	1@99	1@0	16QAM	11.45	11.74	14.61	11.12	33.01
CA_7C	20.0	20.0	2510.0	2529.8	100@0	100@0	16QAM	11.43	11.57	14.51	11.02	33.01
CA_7C	20.0	20.0	2510.0	2529.8	1@99	1@0	64QAM	11.33	11.45	14.40	10.91	33.01
CA_7C	20.0	20.0	2510.0	2529.8	100@0	100@0	64QAM	11.26	11.38	14.33	10.84	33.01
CA_7C	20.0	20.0	2510.0	2529.8	1@99	1@0	256QAM	10.40	10.03	13.23	9.74	33.01
CA_7C	20.0	20.0	2510.0	2529.8	100@0	100@0	256QAM	10.38	9.82	13.12	9.63	33.01
CA_7C	10.0	20.0	2525.6	2540.0	1@49	1@0	QPSK	12.58	12.23	15.42	11.93	33.01
CA_7C	10.0	20.0	2525.6	2540.0	50@0	100@0	QPSK	12.54	12.19	15.38	11.89	33.01
CA_7C	10.0	20.0	2525.6	2540.0	1@49	1@0	16QAM	12.51	12.04	15.29	11.80	33.01
CA_7C	10.0	20.0	2525.6	2540.0	50@0	100@0	16QAM	12.44	11.84	15.16	11.67	33.01
CA_7C	10.0	20.0	2525.6	2540.0	1@49	1@0	64QAM	12.36	11.70	15.06	11.57	33.01
CA_7C	10.0	20.0	2525.6	2540.0	50@0	100@0	64QAM	12.28	11.58	14.96	11.47	33.01
CA_7C	10.0	20.0	2525.6	2540.0	1@49	1@0	256QAM	11.61	10.48	14.09	10.60	33.01
CA_7C	10.0	20.0	2525.6	2540.0	50@0	100@0	256QAM	11.43	10.40	13.96	10.47	33.01
CA_7C	20.0	10.0	2530.1	2544.5	1@99	1@0	QPSK	12.31	12.93	15.64	12.15	33.01
CA_7C	20.0	10.0	2530.1	2544.5	100@0	100@0	QPSK	12.19	12.87	15.55	12.06	33.01
CA_7C	20.0	10.0	2530.1	2544.5	1@99	1@0	16QAM	12.05	12.82	15.46	11.97	33.01
CA_7C	20.0	10.0	2530.1	2544.5	100@0	100@0	16QAM	11.87	12.68	15.31	11.82	33.01
CA_7C	20.0	10.0	2530.1	2544.5	1@99	1@0	64QAM	11.68	12.61	15.18	11.69	33.01
CA_7C	20.0	10.0	2530.1	2544.5	100@0	100@0	64QAM	11.63	12.39	15.04	11.55	33.01
CA_7C	20.0	10.0	2530.1	2544.5	1@99	1@0	256QAM	11.29	11.36	14.34	10.85	33.01
CA_7C	20.0	10.0	2530.1	2544.5	100@0	100@0	256QAM	11.20	11.36	14.29	10.80	33.01
CA_7C	15.0	15.0	2527.5	2542.5	1@74	1@0	QPSK	12.46	12.16	15.32	11.83	33.01
CA_7C	15.0	15.0	2527.5	2542.5	75@0	75@0	QPSK	12.43	12.15	15.30	11.81	33.01
CA_7C	15.0	15.0	2527.5	2542.5	1@74	1@0	16QAM	12.33	12.07	15.21	11.72	33.01
CA_7C	15.0	15.0	2527.5	2542.5	75@0	75@0	16QAM	12.22	11.88	15.07	11.58	33.01
CA_7C	15.0	15.0	2527.5	2542.5	1@74	1@0	64QAM	12.13	11.87	15.01	11.52	33.01
CA_7C	15.0	15.0	2527.5	2542.5	75@0	75@0	64QAM	12.13	11.68	14.92	11.43	33.01
CA_7C	15.0	15.0	2527.5	2542.5	1@74	1@0	256QAM	10.83	10.65	13.75	10.26	33.01
CA_7C	15.0	15.0	2527.5	2542.5	75@0	75@0	256QAM	10.69	10.53	13.62	10.13	33.01
CA_7C	15.0	20.0	2525.3	2542.4	1@74	1@0	QPSK	12.18	11.97	15.09	11.60	33.01

CA_7C	15.0	20.0	2525.3	2542.4	75@0	100@0	QPSK	12.17	11.89	15.04	11.55	33.01
CA_7C	15.0	20.0	2525.3	2542.4	1@74	1@0	16QAM	12.17	11.76	14.98	11.49	33.01
CA_7C	15.0	20.0	2525.3	2542.4	75@0	100@0	16QAM	12.14	11.70	14.94	11.45	33.01
CA_7C	15.0	20.0	2525.3	2542.4	1@74	1@0	64QAM	11.96	11.63	14.81	11.32	33.01
CA_7C	15.0	20.0	2525.3	2542.4	75@0	100@0	64QAM	11.83	11.49	14.67	11.18	33.01
CA_7C	15.0	20.0	2525.3	2542.4	1@74	1@0	256QAM	11.28	11.33	14.31	10.82	33.01
CA_7C	15.0	20.0	2525.3	2542.4	75@0	100@0	256QAM	11.13	11.31	14.23	10.74	33.01
CA_7C	20.0	15.0	2527.6	2544.7	1@99	1@0	QPSK	11.58	12.02	14.82	11.33	33.01
CA_7C	20.0	15.0	2527.6	2544.7	100@0	100@0	QPSK	11.50	11.95	14.74	11.25	33.01
CA_7C	20.0	15.0	2527.6	2544.7	1@99	1@0	16QAM	11.50	11.91	14.72	11.23	33.01
CA_7C	20.0	15.0	2527.6	2544.7	100@0	100@0	16QAM	11.47	11.89	14.70	11.21	33.01
CA_7C	20.0	15.0	2527.6	2544.7	1@99	1@0	64QAM	11.46	11.83	14.66	11.17	33.01
CA_7C	20.0	15.0	2527.6	2544.7	100@0	100@0	64QAM	11.39	11.78	14.60	11.11	33.01
CA_7C	20.0	15.0	2527.6	2544.7	1@99	1@0	256QAM	9.65	10.19	12.94	9.45	33.01
CA_7C	20.0	15.0	2527.6	2544.7	100@0	100@0	256QAM	9.54	10.11	12.85	9.36	33.01
CA_7C	20.0	20.0	2525.1	2544.9	1@99	1@0	QPSK	11.67	11.64	14.66	11.17	33.01
CA_7C	20.0	20.0	2525.1	2544.9	100@0	100@0	QPSK	11.47	11.63	14.56	11.07	33.01
CA_7C	20.0	20.0	2525.1	2544.9	1@99	1@0	16QAM	11.28	11.61	14.46	10.97	33.01
CA_7C	20.0	20.0	2525.1	2544.9	100@0	100@0	16QAM	11.15	11.54	14.36	10.87	33.01
CA_7C	20.0	20.0	2525.1	2544.9	1@99	1@0	64QAM	11.14	11.47	14.32	10.83	33.01
CA_7C	20.0	20.0	2525.1	2544.9	100@0	100@0	64QAM	11.10	11.27	14.19	10.70	33.01
CA_7C	20.0	20.0	2525.1	2544.9	1@99	1@0	256QAM	9.50	9.86	12.69	9.20	33.01
CA_7C	20.0	20.0	2525.1	2544.9	100@0	100@0	256QAM	9.48	9.75	12.63	9.14	33.01
CA_7C	10.0	20.0	2545.6	2560.0	1@49	1@0	QPSK	12.64	12.30	15.48	11.99	33.01
CA_7C	10.0	20.0	2545.6	2560.0	50@0	100@0	QPSK	12.56	12.12	15.35	11.86	33.01
CA_7C	10.0	20.0	2545.6	2560.0	1@49	1@0	16QAM	12.47	11.93	15.22	11.73	33.01
CA_7C	10.0	20.0	2545.6	2560.0	50@0	100@0	16QAM	12.32	11.85	15.10	11.61	33.01
CA_7C	10.0	20.0	2545.6	2560.0	1@49	1@0	64QAM	12.29	11.77	15.05	11.56	33.01
CA_7C	10.0	20.0	2545.6	2560.0	50@0	100@0	64QAM	12.24	11.70	14.99	11.50	33.01
CA_7C	10.0	20.0	2545.6	2560.0	1@49	1@0	256QAM	12.17	10.41	14.39	10.90	33.01
CA_7C	10.0	20.0	2545.6	2560.0	50@0	100@0	256QAM	12.12	10.41	14.36	10.87	33.01
CA_7C	20.0	10.0	2550.1	2564.5	1@99	1@0	QPSK	12.18	12.82	15.52	12.03	33.01
CA_7C	20.0	10.0	2550.1	2564.5	100@0	100@0	QPSK	12.00	12.80	15.43	11.94	33.01
CA_7C	20.0	10.0	2550.1	2564.5	1@99	1@0	16QAM	11.87	12.72	15.33	11.84	33.01
CA_7C	20.0	10.0	2550.1	2564.5	100@0	100@0	16QAM	11.80	12.66	15.26	11.77	33.01
CA_7C	20.0	10.0	2550.1	2564.5	1@99	1@0	64QAM	11.79	12.54	15.19	11.70	33.01
CA_7C	20.0	10.0	2550.1	2564.5	100@0	100@0	64QAM	11.60	12.39	15.02	11.53	33.01
CA_7C	20.0	10.0	2550.1	2564.5	1@99	1@0	256QAM	11.35	10.44	13.93	10.44	33.01

CA_7C	20.0	10.0	2550.1	2564.5	100@0	100@0	256QAM	11.20	10.30	13.79	10.30	33.01
CA_7C	15.0	15.0	2547.5	2562.5	1@74	1@0	QPSK	12.22	12.26	15.25	11.76	33.01
CA_7C	15.0	15.0	2547.5	2562.5	75@0	75@0	QPSK	12.06	12.23	15.15	11.66	33.01
CA_7C	15.0	15.0	2547.5	2562.5	1@74	1@0	16QAM	11.92	12.15	15.04	11.55	33.01
CA_7C	15.0	15.0	2547.5	2562.5	75@0	75@0	16QAM	11.90	12.13	15.02	11.53	33.01
CA_7C	15.0	15.0	2547.5	2562.5	1@74	1@0	64QAM	11.80	11.98	14.90	11.41	33.01
CA_7C	15.0	15.0	2547.5	2562.5	75@0	75@0	64QAM	11.78	11.81	14.81	11.32	33.01
CA_7C	15.0	15.0	2547.5	2562.5	1@74	1@0	256QAM	10.97	10.74	13.87	10.38	33.01
CA_7C	15.0	15.0	2547.5	2562.5	75@0	75@0	256QAM	10.83	10.55	13.70	10.21	33.01
CA_7C	15.0	20.0	2542.9	2560.0	1@74	1@0	QPSK	12.48	11.80	15.16	11.67	33.01
CA_7C	15.0	20.0	2542.9	2560.0	75@0	100@0	QPSK	12.33	11.79	15.08	11.59	33.01
CA_7C	15.0	20.0	2542.9	2560.0	1@74	1@0	16QAM	12.15	11.78	14.98	11.49	33.01
CA_7C	15.0	20.0	2542.9	2560.0	75@0	100@0	16QAM	11.98	11.61	14.80	11.31	33.01
CA_7C	15.0	20.0	2542.9	2560.0	1@74	1@0	64QAM	11.86	11.49	14.69	11.20	33.01
CA_7C	15.0	20.0	2542.9	2560.0	75@0	100@0	64QAM	11.75	11.31	14.55	11.06	33.01
CA_7C	15.0	20.0	2542.9	2560.0	1@74	1@0	256QAM	10.35	10.00	13.19	9.70	33.01
CA_7C	15.0	20.0	2542.9	2560.0	75@0	100@0	256QAM	10.29	9.86	13.09	9.60	33.01
CA_7C	20.0	15.0	2545.1	2562.2	1@99	1@0	QPSK	11.72	12.12	14.93	11.44	33.01
CA_7C	20.0	15.0	2545.1	2562.2	100@0	100@0	QPSK	11.69	12.01	14.86	11.37	33.01
CA_7C	20.0	15.0	2545.1	2562.2	1@99	1@0	16QAM	11.65	11.86	14.77	11.28	33.01
CA_7C	20.0	15.0	2545.1	2562.2	100@0	100@0	16QAM	11.57	11.84	14.72	11.23	33.01
CA_7C	20.0	15.0	2545.1	2562.2	1@99	1@0	64QAM	11.55	11.77	14.67	11.18	33.01
CA_7C	20.0	15.0	2545.1	2562.2	100@0	100@0	64QAM	11.40	11.72	14.58	11.09	33.01
CA_7C	20.0	15.0	2545.1	2562.2	1@99	1@0	256QAM	10.85	10.93	13.90	10.41	33.01
CA_7C	20.0	15.0	2545.1	2562.2	100@0	100@0	256QAM	10.78	10.84	13.82	10.33	33.01
CA_7C	20.0	20.0	2540.2	2560.0	1@99	1@0	QPSK	11.86	11.55	14.72	11.23	33.01
CA_7C	20.0	20.0	2540.2	2560.0	100@0	100@0	QPSK	11.81	11.36	14.60	11.11	33.01
CA_7C	20.0	20.0	2540.2	2560.0	1@99	1@0	16QAM	11.77	11.29	14.55	11.06	33.01
CA_7C	20.0	20.0	2540.2	2560.0	100@0	100@0	16QAM	11.62	11.18	14.42	10.93	33.01
CA_7C	20.0	20.0	2540.2	2560.0	1@99	1@0	64QAM	11.61	11.09	14.37	10.88	33.01
CA_7C	20.0	20.0	2540.2	2560.0	100@0	100@0	64QAM	11.52	10.96	14.26	10.77	33.01
CA_7C	20.0	20.0	2540.2	2560.0	1@99	1@0	256QAM	9.63	10.12	12.89	9.40	33.01
CA_7C	20.0	20.0	2540.2	2560.0	100@0	100@0	256QAM	9.43	10.01	12.74	9.25	33.01
CA_38C	15.0	15.0	2577.5	2592.5	1@74	1@0	QPSK	12.65	12.42	15.55	12.06	33.01
CA_38C	15.0	15.0	2577.5	2592.5	75@0	75@0	QPSK	12.50	12.23	15.38	11.89	33.01
CA_38C	15.0	15.0	2577.5	2592.5	1@74	1@0	16QAM	12.42	12.18	15.31	11.82	33.01
CA_38C	15.0	15.0	2577.5	2592.5	75@0	75@0	16QAM	12.38	12.03	15.21	11.72	33.01
CA_38C	15.0	15.0	2577.5	2592.5	1@74	1@0	64QAM	12.33	11.90	15.13	11.64	33.01

CA_38C	15.0	15.0	2577.5	2592.5	75@0	75@0	64QAM	12.21	11.72	14.98	11.49	33.01
CA_38C	15.0	15.0	2577.5	2592.5	1@74	1@0	256QAM	12.01	11.66	14.85	11.36	33.01
CA_38C	15.0	15.0	2577.5	2592.5	75@0	75@0	256QAM	11.96	11.53	14.76	11.27	33.01
CA_38C	20.0	20.0	2580.0	2599.8	1@99	1@0	QPSK	12.27	12.59	15.44	11.95	33.01
CA_38C	20.0	20.0	2580.0	2599.8	100@0	100@0	QPSK	12.16	12.53	15.36	11.87	33.01
CA_38C	20.0	20.0	2580.0	2599.8	1@99	1@0	16QAM	12.06	12.53	15.31	11.82	33.01
CA_38C	20.0	20.0	2580.0	2599.8	100@0	100@0	16QAM	11.93	12.43	15.19	11.70	33.01
CA_38C	20.0	20.0	2580.0	2599.8	1@99	1@0	64QAM	11.88	12.35	15.13	11.64	33.01
CA_38C	20.0	20.0	2580.0	2599.8	100@0	100@0	64QAM	11.84	12.29	15.08	11.59	33.01
CA_38C	20.0	20.0	2580.0	2599.8	1@99	1@0	256QAM	11.32	11.27	14.31	10.82	33.01
CA_38C	20.0	20.0	2580.0	2599.8	100@0	100@0	256QAM	11.21	11.20	14.22	10.73	33.01
CA_38C	15.0	15.0	2587.5	2602.5	1@74	1@0	QPSK	12.17	12.06	15.13	11.64	33.01
CA_38C	15.0	15.0	2587.5	2602.5	75@0	75@0	QPSK	12.03	12.00	15.02	11.53	33.01
CA_38C	15.0	15.0	2587.5	2602.5	1@74	1@0	16QAM	11.97	11.88	14.93	11.44	33.01
CA_38C	15.0	15.0	2587.5	2602.5	75@0	75@0	16QAM	11.80	11.76	14.79	11.30	33.01
CA_38C	15.0	15.0	2587.5	2602.5	1@74	1@0	64QAM	11.72	11.75	14.74	11.25	33.01
CA_38C	15.0	15.0	2587.5	2602.5	75@0	75@0	64QAM	11.57	11.68	14.64	11.15	33.01
CA_38C	15.0	15.0	2587.5	2602.5	1@74	1@0	256QAM	11.20	10.42	13.84	10.35	33.01
CA_38C	15.0	15.0	2587.5	2602.5	75@0	75@0	256QAM	11.14	10.23	13.72	10.23	33.01
CA_38C	20.0	20.0	2585.1	2604.9	1@99	1@0	QPSK	12.49	11.77	15.16	11.67	33.01
CA_38C	20.0	20.0	2585.1	2604.9	100@0	100@0	QPSK	12.45	11.73	15.12	11.63	33.01
CA_38C	20.0	20.0	2585.1	2604.9	1@99	1@0	16QAM	12.44	11.60	15.05	11.56	33.01
CA_38C	20.0	20.0	2585.1	2604.9	100@0	100@0	16QAM	12.43	11.56	15.03	11.54	33.01
CA_38C	20.0	20.0	2585.1	2604.9	1@99	1@0	64QAM	12.31	11.42	14.90	11.41	33.01
CA_38C	20.0	20.0	2585.1	2604.9	100@0	100@0	64QAM	12.29	11.36	14.86	11.37	33.01
CA_38C	20.0	20.0	2585.1	2604.9	1@99	1@0	256QAM	11.35	10.49	13.95	10.46	33.01
CA_38C	20.0	20.0	2585.1	2604.9	100@0	100@0	256QAM	11.33	10.41	13.91	10.42	33.01
CA_38C	15.0	15.0	2597.5	2612.5	1@74	1@0	QPSK	11.78	12.37	15.09	11.60	33.01
CA_38C	15.0	15.0	2597.5	2612.5	75@0	75@0	QPSK	11.67	12.28	15.00	11.51	33.01
CA_38C	15.0	15.0	2597.5	2612.5	1@74	1@0	16QAM	11.65	12.18	14.94	11.45	33.01
CA_38C	15.0	15.0	2597.5	2612.5	75@0	75@0	16QAM	11.48	12.11	14.82	11.33	33.01
CA_38C	15.0	15.0	2597.5	2612.5	1@74	1@0	64QAM	11.39	11.94	14.68	11.19	33.01
CA_38C	15.0	15.0	2597.5	2612.5	75@0	75@0	64QAM	11.23	11.90	14.59	11.10	33.01
CA_38C	15.0	15.0	2597.5	2612.5	1@74	1@0	256QAM	9.81	11.00	13.46	9.97	33.01
CA_38C	15.0	15.0	2597.5	2612.5	75@0	75@0	256QAM	9.73	10.95	13.39	9.90	33.01
CA_38C	20.0	20.0	2590.2	2610.0	1@99	1@0	QPSK	11.51	11.91	14.73	11.24	33.01
CA_38C	20.0	20.0	2590.2	2610.0	100@0	100@0	QPSK	11.33	11.76	14.56	11.07	33.01
CA_38C	20.0	20.0	2590.2	2610.0	1@99	1@0	16QAM	11.13	11.68	14.42	10.93	33.01

CA_38C	20.0	20.0	2590.2	2610.0	100@0	100@0	16QAM	11.06	11.58	14.34	10.85	33.01
CA_38C	20.0	20.0	2590.2	2610.0	1@99	1@0	64QAM	10.90	11.44	14.19	10.70	33.01
CA_38C	20.0	20.0	2590.2	2610.0	100@0	100@0	64QAM	10.85	11.32	14.10	10.61	33.01
CA_38C	20.0	20.0	2590.2	2610.0	1@99	1@0	256QAM	9.26	11.00	13.23	9.74	33.01
CA_38C	20.0	20.0	2590.2	2610.0	100@0	100@0	256QAM	9.10	10.92	13.11	9.62	33.01
CA_41C	5.0	20.0	2499.3	2511.0	1@24	1@0	QPSK	13.86	12.71	16.33	12.84	33.01
CA_41C	5.0	20.0	2499.3	2511.0	25@0	100@0	QPSK	13.70	12.64	16.21	12.72	33.01
CA_41C	5.0	20.0	2499.3	2511.0	1@24	1@0	16QAM	13.66	12.54	16.15	12.66	33.01
CA_41C	5.0	20.0	2499.3	2511.0	25@0	100@0	16QAM	13.49	12.46	16.02	12.53	33.01
CA_41C	5.0	20.0	2499.3	2511.0	1@24	1@0	64QAM	13.38	12.35	15.91	12.42	33.01
CA_41C	5.0	20.0	2499.3	2511.0	25@0	100@0	64QAM	13.25	12.28	15.80	12.31	33.01
CA_41C	5.0	20.0	2499.3	2511.0	1@24	1@0	256QAM	12.47	12.23	15.36	11.87	33.01
CA_41C	5.0	20.0	2499.3	2511.0	25@0	100@0	256QAM	12.47	12.03	15.26	11.77	33.01
CA_41C	20.0	5.0	2506.0	2517.7	1@99	1@0	QPSK	12.98	13.73	16.39	12.90	33.01
CA_41C	20.0	5.0	2506.0	2517.7	100@0	25@0	QPSK	12.92	13.70	16.34	12.85	33.01
CA_41C	20.0	5.0	2506.0	2517.7	1@99	1@0	16QAM	12.80	13.68	16.27	12.78	33.01
CA_41C	20.0	5.0	2506.0	2517.7	100@0	25@0	16QAM	12.67	13.49	16.11	12.62	33.01
CA_41C	20.0	5.0	2506.0	2517.7	1@99	1@0	64QAM	12.50	13.35	15.96	12.47	33.01
CA_41C	20.0	5.0	2506.0	2517.7	100@0	25@0	64QAM	12.46	13.34	15.93	12.44	33.01
CA_41C	20.0	5.0	2506.0	2517.7	1@99	1@0	256QAM	12.30	11.42	14.89	11.40	33.01
CA_41C	20.0	5.0	2506.0	2517.7	100@0	25@0	256QAM	12.16	11.33	14.78	11.29	33.01
CA_41C	10.0	20.0	2501.5	2515.9	1@49	1@0	QPSK	13.61	12.05	15.91	12.42	33.01
CA_41C	10.0	20.0	2501.5	2515.9	50@0	100@0	QPSK	13.54	12.04	15.86	12.37	33.01
CA_41C	10.0	20.0	2501.5	2515.9	1@49	1@0	16QAM	13.41	11.93	15.74	12.25	33.01
CA_41C	10.0	20.0	2501.5	2515.9	50@0	100@0	16QAM	13.41	11.81	15.69	12.20	33.01
CA_41C	10.0	20.0	2501.5	2515.9	1@49	1@0	64QAM	13.32	11.69	15.59	12.10	33.01
CA_41C	10.0	20.0	2501.5	2515.9	50@0	100@0	64QAM	13.28	11.62	15.54	12.05	33.01
CA_41C	10.0	20.0	2501.5	2515.9	1@49	1@0	256QAM	11.67	10.22	14.02	10.53	33.01
CA_41C	10.0	20.0	2501.5	2515.9	50@0	100@0	256QAM	11.54	10.04	13.87	10.38	33.01
CA_41C	20.0	10.0	2506.0	2520.4	1@99	1@0	QPSK	12.89	13.38	16.15	12.66	33.01
CA_41C	20.0	10.0	2506.0	2520.4	100@0	100@0	QPSK	12.81	13.29	16.07	12.58	33.01
CA_41C	20.0	10.0	2506.0	2520.4	1@99	1@0	16QAM	12.62	13.26	15.96	12.47	33.01
CA_41C	20.0	10.0	2506.0	2520.4	100@0	100@0	16QAM	12.47	13.14	15.83	12.34	33.01
CA_41C	20.0	10.0	2506.0	2520.4	1@99	1@0	64QAM	12.41	13.04	15.75	12.26	33.01
CA_41C	20.0	10.0	2506.0	2520.4	100@0	100@0	64QAM	12.21	12.90	15.58	12.09	33.01
CA_41C	20.0	10.0	2506.0	2520.4	1@99	1@0	256QAM	11.30	12.08	14.72	11.23	33.01
CA_41C	20.0	10.0	2506.0	2520.4	100@0	100@0	256QAM	11.13	11.88	14.53	11.04	33.01
CA_41C	15.0	15.0	2503.5	2518.5	1@74	1@0	QPSK	13.07	13.41	16.25	12.76	33.01

CA_41C	15.0	15.0	2503.5	2518.5	75@0	75@0	QPSK	13.01	13.21	16.12	12.63	33.01
CA_41C	15.0	15.0	2503.5	2518.5	1@74	1@0	16QAM	12.95	13.08	16.02	12.53	33.01
CA_41C	15.0	15.0	2503.5	2518.5	75@0	75@0	16QAM	12.83	13.07	15.96	12.47	33.01
CA_41C	15.0	15.0	2503.5	2518.5	1@74	1@0	64QAM	12.65	13.06	15.87	12.38	33.01
CA_41C	15.0	15.0	2503.5	2518.5	75@0	75@0	64QAM	12.59	12.86	15.74	12.25	33.01
CA_41C	15.0	15.0	2503.5	2518.5	1@74	1@0	256QAM	10.78	11.06	13.93	10.44	33.01
CA_41C	15.0	15.0	2503.5	2518.5	75@0	75@0	256QAM	10.63	10.89	13.77	10.28	33.01
CA_41C	15.0	20.0	2503.8	2520.9	1@74	1@0	QPSK	13.01	12.77	15.90	12.41	33.01
CA_41C	15.0	20.0	2503.8	2520.9	75@0	100@0	QPSK	13.00	12.58	15.81	12.32	33.01
CA_41C	15.0	20.0	2503.8	2520.9	1@74	1@0	16QAM	12.88	12.54	15.72	12.23	33.01
CA_41C	15.0	20.0	2503.8	2520.9	75@0	100@0	16QAM	12.78	12.51	15.66	12.17	33.01
CA_41C	15.0	20.0	2503.8	2520.9	1@74	1@0	64QAM	12.73	12.39	15.58	12.09	33.01
CA_41C	15.0	20.0	2503.8	2520.9	75@0	100@0	64QAM	12.54	12.18	15.38	11.89	33.01
CA_41C	15.0	20.0	2503.8	2520.9	1@74	1@0	256QAM	10.96	12.00	14.52	11.03	33.01
CA_41C	15.0	20.0	2503.8	2520.9	75@0	100@0	256QAM	10.94	11.80	14.40	10.91	33.01
CA_41C	20.0	15.0	2506.0	2523.1	1@99	1@0	QPSK	12.66	13.27	15.99	12.50	33.01
CA_41C	20.0	15.0	2506.0	2523.1	100@0	100@0	QPSK	12.64	13.11	15.89	12.40	33.01
CA_41C	20.0	15.0	2506.0	2523.1	1@99	1@0	16QAM	12.45	13.07	15.78	12.29	33.01
CA_41C	20.0	15.0	2506.0	2523.1	100@0	100@0	16QAM	12.27	13.02	15.67	12.18	33.01
CA_41C	20.0	15.0	2506.0	2523.1	1@99	1@0	64QAM	12.18	12.86	15.54	12.05	33.01
CA_41C	20.0	15.0	2506.0	2523.1	100@0	100@0	64QAM	12.05	12.66	15.37	11.88	33.01
CA_41C	20.0	15.0	2506.0	2523.1	1@99	1@0	256QAM	10.76	11.95	14.40	10.91	33.01
CA_41C	20.0	15.0	2506.0	2523.1	100@0	100@0	256QAM	10.66	11.88	14.32	10.83	33.01
CA_41C	20.0	20.0	2506.0	2525.8	1@99	1@0	QPSK	12.72	13.00	15.87	12.38	33.01
CA_41C	20.0	20.0	2506.0	2525.8	100@0	100@0	QPSK	12.56	12.99	15.79	12.30	33.01
CA_41C	20.0	20.0	2506.0	2525.8	1@99	1@0	16QAM	12.47	12.88	15.69	12.20	33.01
CA_41C	20.0	20.0	2506.0	2525.8	100@0	100@0	16QAM	12.36	12.73	15.56	12.07	33.01
CA_41C	20.0	20.0	2506.0	2525.8	1@99	1@0	64QAM	12.36	12.58	15.48	11.99	33.01
CA_41C	20.0	20.0	2506.0	2525.8	100@0	100@0	64QAM	12.31	12.46	15.40	11.91	33.01
CA_41C	20.0	20.0	2506.0	2525.8	1@99	1@0	256QAM	11.62	10.96	14.31	10.82	33.01
CA_41C	20.0	20.0	2506.0	2525.8	100@0	100@0	256QAM	11.56	10.91	14.26	10.77	33.01
CA_41C	5.0	20.0	2583.8	2595.5	1@24	1@0	QPSK	13.65	12.60	16.17	12.68	33.01
CA_41C	5.0	20.0	2583.8	2595.5	25@0	100@0	QPSK	13.46	12.53	16.03	12.54	33.01
CA_41C	5.0	20.0	2583.8	2595.5	1@24	1@0	16QAM	13.27	12.50	15.91	12.42	33.01
CA_41C	5.0	20.0	2583.8	2595.5	25@0	100@0	16QAM	13.15	12.33	15.77	12.28	33.01
CA_41C	5.0	20.0	2583.8	2595.5	1@24	1@0	64QAM	13.06	12.23	15.68	12.19	33.01
CA_41C	5.0	20.0	2583.8	2595.5	25@0	100@0	64QAM	12.87	12.06	15.49	12.00	33.01
CA_41C	5.0	20.0	2583.8	2595.5	1@24	1@0	256QAM	11.04	11.91	14.51	11.02	33.01

CA_41C	5.0	20.0	2583.8	2595.5	25@0	100@0	256QAM	10.98	11.88	14.47	10.98	33.01
CA_41C	20.0	5.0	2590.5	2602.2	1@99	1@0	QPSK	12.72	13.99	16.42	12.93	33.01
CA_41C	20.0	5.0	2590.5	2602.2	100@0	25@0	QPSK	12.56	13.81	16.24	12.75	33.01
CA_41C	20.0	5.0	2590.5	2602.2	1@99	1@0	16QAM	12.46	13.62	16.09	12.60	33.01
CA_41C	20.0	5.0	2590.5	2602.2	100@0	25@0	16QAM	12.28	13.58	15.99	12.50	33.01
CA_41C	20.0	5.0	2590.5	2602.2	1@99	1@0	64QAM	12.16	13.57	15.93	12.44	33.01
CA_41C	20.0	5.0	2590.5	2602.2	100@0	25@0	64QAM	12.09	13.53	15.88	12.39	33.01
CA_41C	20.0	5.0	2590.5	2602.2	1@99	1@0	256QAM	11.54	11.66	14.61	11.12	33.01
CA_41C	20.0	5.0	2590.5	2602.2	100@0	25@0	256QAM	11.35	11.54	14.45	10.96	33.01
CA_41C	10.0	20.0	2583.6	2598.0	1@49	1@0	QPSK	13.58	12.36	16.02	12.53	33.01
CA_41C	10.0	20.0	2583.6	2598.0	50@0	100@0	QPSK	13.47	12.19	15.88	12.39	33.01
CA_41C	10.0	20.0	2583.6	2598.0	1@49	1@0	16QAM	13.45	12.08	15.83	12.34	33.01
CA_41C	10.0	20.0	2583.6	2598.0	50@0	100@0	16QAM	13.41	12.08	15.81	12.32	33.01
CA_41C	10.0	20.0	2583.6	2598.0	1@49	1@0	64QAM	13.33	11.92	15.69	12.20	33.01
CA_41C	10.0	20.0	2583.6	2598.0	50@0	100@0	64QAM	13.30	11.77	15.61	12.12	33.01
CA_41C	10.0	20.0	2583.6	2598.0	1@49	1@0	256QAM	12.92	11.76	15.39	11.90	33.01
CA_41C	10.0	20.0	2583.6	2598.0	50@0	100@0	256QAM	12.76	11.64	15.24	11.75	33.01
CA_41C	20.0	10.0	2588.1	2602.5	1@99	1@0	QPSK	12.57	13.16	15.88	12.39	33.01
CA_41C	20.0	10.0	2588.1	2602.5	100@0	100@0	QPSK	12.39	12.98	15.71	12.22	33.01
CA_41C	20.0	10.0	2588.1	2602.5	1@99	1@0	16QAM	12.34	12.85	15.61	12.12	33.01
CA_41C	20.0	10.0	2588.1	2602.5	100@0	100@0	16QAM	12.28	12.67	15.49	12.00	33.01
CA_41C	20.0	10.0	2588.1	2602.5	1@99	1@0	64QAM	12.27	12.64	15.47	11.98	33.01
CA_41C	20.0	10.0	2588.1	2602.5	100@0	100@0	64QAM	12.20	12.63	15.43	11.94	33.01
CA_41C	20.0	10.0	2588.1	2602.5	1@99	1@0	256QAM	10.65	10.69	13.68	10.19	33.01
CA_41C	20.0	10.0	2588.1	2602.5	100@0	100@0	256QAM	10.61	10.54	13.59	10.10	33.01
CA_41C	15.0	15.0	2585.5	2600.5	1@74	1@0	QPSK	13.38	13.46	16.43	12.94	33.01
CA_41C	15.0	15.0	2585.5	2600.5	75@0	75@0	QPSK	13.25	13.35	16.31	12.82	33.01
CA_41C	15.0	15.0	2585.5	2600.5	1@74	1@0	16QAM	13.12	13.22	16.18	12.69	33.01
CA_41C	15.0	15.0	2585.5	2600.5	75@0	75@0	16QAM	13.05	13.17	16.12	12.63	33.01
CA_41C	15.0	15.0	2585.5	2600.5	1@74	1@0	64QAM	13.04	13.04	16.05	12.56	33.01
CA_41C	15.0	15.0	2585.5	2600.5	75@0	75@0	64QAM	13.02	12.97	16.01	12.52	33.01
CA_41C	15.0	15.0	2585.5	2600.5	1@74	1@0	256QAM	11.44	12.43	14.97	11.48	33.01
CA_41C	15.0	15.0	2585.5	2600.5	75@0	75@0	256QAM	11.42	12.38	14.94	11.45	33.01
CA_41C	15.0	20.0	2583.3	2600.4	1@74	1@0	QPSK	13.28	12.94	16.12	12.63	33.01
CA_41C	15.0	20.0	2583.3	2600.4	75@0	100@0	QPSK	13.25	12.88	16.08	12.59	33.01
CA_41C	15.0	20.0	2583.3	2600.4	1@74	1@0	16QAM	13.21	12.70	15.97	12.48	33.01
CA_41C	15.0	20.0	2583.3	2600.4	75@0	100@0	16QAM	13.09	12.59	15.86	12.37	33.01
CA_41C	15.0	20.0	2583.3	2600.4	1@74	1@0	64QAM	12.95	12.40	15.69	12.20	33.01

CA_41C	15.0	20.0	2583.3	2600.4	75@0	100@0	64QAM	12.77	12.38	15.59	12.10	33.01
CA_41C	15.0	20.0	2583.3	2600.4	1@74	1@0	256QAM	11.75	11.42	14.60	11.11	33.01
CA_41C	15.0	20.0	2583.3	2600.4	75@0	100@0	256QAM	11.63	11.38	14.52	11.03	33.01
CA_41C	20.0	15.0	2585.6	2602.7	1@99	1@0	QPSK	12.76	13.43	16.12	12.63	33.01
CA_41C	20.0	15.0	2585.6	2602.7	100@0	100@0	QPSK	12.68	13.28	16.00	12.51	33.01
CA_41C	20.0	15.0	2585.6	2602.7	1@99	1@0	16QAM	12.61	13.14	15.89	12.40	33.01
CA_41C	20.0	15.0	2585.6	2602.7	100@0	100@0	16QAM	12.45	12.95	15.71	12.22	33.01
CA_41C	20.0	15.0	2585.6	2602.7	1@99	1@0	64QAM	12.29	12.84	15.59	12.10	33.01
CA_41C	20.0	15.0	2585.6	2602.7	100@0	100@0	64QAM	12.20	12.77	15.50	12.01	33.01
CA_41C	20.0	15.0	2585.6	2602.7	1@99	1@0	256QAM	12.02	11.78	14.91	11.42	33.01
CA_41C	20.0	15.0	2585.6	2602.7	100@0	100@0	256QAM	12.00	11.68	14.85	11.36	33.01
CA_41C	20.0	20.0	2583.1	2602.9	1@99	1@0	QPSK	12.99	12.71	15.86	12.37	33.01
CA_41C	20.0	20.0	2583.1	2602.9	100@0	100@0	QPSK	12.92	12.54	15.75	12.26	33.01
CA_41C	20.0	20.0	2583.1	2602.9	1@99	1@0	16QAM	12.91	12.49	15.71	12.22	33.01
CA_41C	20.0	20.0	2583.1	2602.9	100@0	100@0	16QAM	12.77	12.45	15.62	12.13	33.01
CA_41C	20.0	20.0	2583.1	2602.9	1@99	1@0	64QAM	12.75	12.27	15.53	12.04	33.01
CA_41C	20.0	20.0	2583.1	2602.9	100@0	100@0	64QAM	12.57	12.24	15.42	11.93	33.01
CA_41C	20.0	20.0	2583.1	2602.9	1@99	1@0	256QAM	12.40	11.71	15.08	11.59	33.01
CA_41C	20.0	20.0	2583.1	2602.9	100@0	100@0	256QAM	12.36	11.55	14.99	11.50	33.01
CA_41C	5.0	20.0	2668.3	2680.0	1@24	1@0	QPSK	13.91	12.71	16.36	12.87	33.01
CA_41C	5.0	20.0	2668.3	2680.0	25@0	100@0	QPSK	13.74	12.53	16.18	12.69	33.01
CA_41C	5.0	20.0	2668.3	2680.0	1@24	1@0	16QAM	13.63	12.51	16.11	12.62	33.01
CA_41C	5.0	20.0	2668.3	2680.0	25@0	100@0	16QAM	13.61	12.45	16.08	12.59	33.01
CA_41C	5.0	20.0	2668.3	2680.0	1@24	1@0	64QAM	13.50	12.35	15.97	12.48	33.01
CA_41C	5.0	20.0	2668.3	2680.0	25@0	100@0	64QAM	13.40	12.29	15.89	12.40	33.01
CA_41C	5.0	20.0	2668.3	2680.0	1@24	1@0	256QAM	11.42	11.85	14.65	11.16	33.01
CA_41C	5.0	20.0	2668.3	2680.0	25@0	100@0	256QAM	11.38	11.71	14.56	11.07	33.01
CA_41C	20.0	5.0	2675.0	2686.7	1@99	1@0	QPSK	12.77	13.65	16.25	12.76	33.01
CA_41C	20.0	5.0	2675.0	2686.7	100@0	25@0	QPSK	12.67	13.59	16.17	12.68	33.01
CA_41C	20.0	5.0	2675.0	2686.7	1@99	1@0	16QAM	12.65	13.45	16.08	12.59	33.01
CA_41C	20.0	5.0	2675.0	2686.7	100@0	25@0	16QAM	12.47	13.42	15.98	12.49	33.01
CA_41C	20.0	5.0	2675.0	2686.7	1@99	1@0	64QAM	12.39	13.33	15.89	12.40	33.01
CA_41C	20.0	5.0	2675.0	2686.7	100@0	25@0	64QAM	12.33	13.18	15.78	12.29	33.01
CA_41C	20.0	5.0	2675.0	2686.7	1@99	1@0	256QAM	11.58	12.28	14.95	11.46	33.01
CA_41C	20.0	5.0	2675.0	2686.7	100@0	25@0	256QAM	11.53	12.09	14.83	11.34	33.01
CA_41C	10.0	20.0	2665.6	2680.0	1@49	1@0	QPSK	13.90	12.49	16.26	12.77	33.01
CA_41C	10.0	20.0	2665.6	2680.0	50@0	100@0	QPSK	13.87	12.35	16.18	12.69	33.01
CA_41C	10.0	20.0	2665.6	2680.0	1@49	1@0	16QAM	13.80	12.22	16.09	12.60	33.01

CA_41C	10.0	20.0	2665.6	2680.0	50@0	100@0	16QAM	13.75	12.22	16.06	12.57	33.01
CA_41C	10.0	20.0	2665.6	2680.0	1@49	1@0	64QAM	13.74	12.16	16.03	12.54	33.01
CA_41C	10.0	20.0	2665.6	2680.0	50@0	100@0	64QAM	13.64	12.07	15.94	12.45	33.01
CA_41C	10.0	20.0	2665.6	2680.0	1@49	1@0	256QAM	12.58	10.54	14.69	11.20	33.01
CA_41C	10.0	20.0	2665.6	2680.0	50@0	100@0	256QAM	12.48	10.43	14.58	11.09	33.01
CA_41C	20.0	10.0	2670.1	2684.5	1@99	1@0	QPSK	12.66	13.18	15.94	12.45	33.01
CA_41C	20.0	10.0	2670.1	2684.5	100@0	100@0	QPSK	12.61	13.17	15.91	12.42	33.01
CA_41C	20.0	10.0	2670.1	2684.5	1@99	1@0	16QAM	12.54	13.13	15.86	12.37	33.01
CA_41C	20.0	10.0	2670.1	2684.5	100@0	100@0	16QAM	12.46	13.03	15.76	12.27	33.01
CA_41C	20.0	10.0	2670.1	2684.5	1@99	1@0	64QAM	12.35	12.84	15.61	12.12	33.01
CA_41C	20.0	10.0	2670.1	2684.5	100@0	100@0	64QAM	12.33	12.71	15.53	12.04	33.01
CA_41C	20.0	10.0	2670.1	2684.5	1@99	1@0	256QAM	10.74	11.66	14.24	10.75	33.01
CA_41C	20.0	10.0	2670.1	2684.5	100@0	100@0	256QAM	10.65	11.45	14.08	10.59	33.01
CA_41C	15.0	15.0	2667.5	2682.5	1@74	1@0	QPSK	13.09	13.15	16.13	12.64	33.01
CA_41C	15.0	15.0	2667.5	2682.5	75@0	75@0	QPSK	12.99	13.05	16.03	12.54	33.01
CA_41C	15.0	15.0	2667.5	2682.5	1@74	1@0	16QAM	12.89	12.86	15.88	12.39	33.01
CA_41C	15.0	15.0	2667.5	2682.5	75@0	75@0	16QAM	12.71	12.84	15.78	12.29	33.01
CA_41C	15.0	15.0	2667.5	2682.5	1@74	1@0	64QAM	12.55	12.75	15.66	12.17	33.01
CA_41C	15.0	15.0	2667.5	2682.5	75@0	75@0	64QAM	12.42	12.55	15.50	12.01	33.01
CA_41C	15.0	15.0	2667.5	2682.5	1@74	1@0	256QAM	11.16	11.67	14.43	10.94	33.01
CA_41C	15.0	15.0	2667.5	2682.5	75@0	75@0	256QAM	11.11	11.59	14.37	10.88	33.01
CA_41C	15.0	20.0	2662.9	2680.0	1@74	1@0	QPSK	13.35	12.86	16.12	12.63	33.01
CA_41C	15.0	20.0	2662.9	2680.0	75@0	100@0	QPSK	13.28	12.69	16.00	12.51	33.01
CA_41C	15.0	20.0	2662.9	2680.0	1@74	1@0	16QAM	13.13	12.61	15.89	12.40	33.01
CA_41C	15.0	20.0	2662.9	2680.0	75@0	100@0	16QAM	12.95	12.44	15.71	12.22	33.01
CA_41C	15.0	20.0	2662.9	2680.0	1@74	1@0	64QAM	12.92	12.31	15.64	12.15	33.01
CA_41C	15.0	20.0	2662.9	2680.0	75@0	100@0	64QAM	12.79	12.12	15.47	11.98	33.01
CA_41C	15.0	20.0	2662.9	2680.0	1@74	1@0	256QAM	12.32	10.20	14.40	10.91	33.01
CA_41C	15.0	20.0	2662.9	2680.0	75@0	100@0	256QAM	12.13	10.20	14.28	10.79	33.01
CA_41C	20.0	15.0	2665.1	2682.2	1@99	1@0	QPSK	12.75	13.16	15.97	12.48	33.01
CA_41C	20.0	15.0	2665.1	2682.2	100@0	100@0	QPSK	12.73	13.14	15.95	12.46	33.01
CA_41C	20.0	15.0	2665.1	2682.2	1@99	1@0	16QAM	12.57	13.08	15.84	12.35	33.01
CA_41C	20.0	15.0	2665.1	2682.2	100@0	100@0	16QAM	12.56	12.99	15.79	12.30	33.01
CA_41C	20.0	15.0	2665.1	2682.2	1@99	1@0	64QAM	12.45	12.84	15.66	12.17	33.01
CA_41C	20.0	15.0	2665.1	2682.2	100@0	100@0	64QAM	12.44	12.78	15.62	12.13	33.01
CA_41C	20.0	15.0	2665.1	2682.2	1@99	1@0	256QAM	12.32	11.05	14.74	11.25	33.01
CA_41C	20.0	15.0	2665.1	2682.2	100@0	100@0	256QAM	12.21	11.01	14.66	11.17	33.01
CA_41C	20.0	20.0	2660.2	2680.0	1@99	1@0	QPSK	12.73	12.60	15.67	12.18	33.01

CA_41C	20.0	20.0	2660.2	2680.0	100@0	100@0	QPSK	12.55	12.53	15.55	12.06	33.01
CA_41C	20.0	20.0	2660.2	2680.0	1@99	1@0	16QAM	12.38	12.46	15.43	11.94	33.01
CA_41C	20.0	20.0	2660.2	2680.0	100@0	100@0	16QAM	12.19	12.31	15.26	11.77	33.01
CA_41C	20.0	20.0	2660.2	2680.0	1@99	1@0	64QAM	12.07	12.25	15.18	11.69	33.01
CA_41C	20.0	20.0	2660.2	2680.0	100@0	100@0	64QAM	12.05	12.18	15.13	11.64	33.01
CA_41C	20.0	20.0	2660.2	2680.0	1@99	1@0	256QAM	10.40	10.34	13.38	9.89	33.01
CA_41C	20.0	20.0	2660.2	2680.0	100@0	100@0	256QAM	10.34	10.16	13.26	9.77	33.01
CA_66C	10.0	20.0	1715.5	1729.9	1@49	1@0	QPSK	14.37	13.19	16.83	14.31	30.00
CA_66C	10.0	20.0	1715.5	1729.9	50@0	100@0	QPSK	14.26	13.05	16.71	14.19	30.00
CA_66C	10.0	20.0	1715.5	1729.9	1@49	1@0	16QAM	14.14	12.98	16.61	14.09	30.00
CA_66C	10.0	20.0	1715.5	1729.9	50@0	100@0	16QAM	13.95	12.82	16.43	13.91	30.00
CA_66C	10.0	20.0	1715.5	1729.9	1@49	1@0	64QAM	13.86	12.77	16.36	13.84	30.00
CA_66C	10.0	20.0	1715.5	1729.9	50@0	100@0	64QAM	13.71	12.62	16.21	13.69	30.00
CA_66C	10.0	20.0	1715.5	1729.9	1@49	1@0	256QAM	13.19	12.35	15.80	13.28	30.00
CA_66C	10.0	20.0	1715.5	1729.9	50@0	100@0	256QAM	13.09	12.26	15.70	13.18	30.00
CA_66C	20.0	10.0	1720.0	1734.4	1@99	1@0	QPSK	13.03	14.39	16.77	14.25	30.00
CA_66C	20.0	10.0	1720.0	1734.4	100@0	100@0	QPSK	12.97	14.22	16.65	14.13	30.00
CA_66C	20.0	10.0	1720.0	1734.4	1@99	1@0	16QAM	12.86	14.11	16.54	14.02	30.00
CA_66C	20.0	10.0	1720.0	1734.4	100@0	100@0	16QAM	12.71	14.04	16.44	13.92	30.00
CA_66C	20.0	10.0	1720.0	1734.4	1@99	1@0	64QAM	12.62	13.85	16.29	13.77	30.00
CA_66C	20.0	10.0	1720.0	1734.4	100@0	100@0	64QAM	12.56	13.63	16.14	13.62	30.00
CA_66C	20.0	10.0	1720.0	1734.4	1@99	1@0	256QAM	11.21	12.43	14.87	12.35	30.00
CA_66C	20.0	10.0	1720.0	1734.4	100@0	100@0	256QAM	11.07	12.41	14.80	12.28	30.00
CA_66C	15.0	15.0	1717.5	1732.5	1@74	1@0	QPSK	13.53	13.95	16.75	14.23	30.00
CA_66C	15.0	15.0	1717.5	1732.5	75@0	75@0	QPSK	13.46	13.89	16.69	14.17	30.00
CA_66C	15.0	15.0	1717.5	1732.5	1@74	1@0	16QAM	13.43	13.76	16.61	14.09	30.00
CA_66C	15.0	15.0	1717.5	1732.5	75@0	75@0	16QAM	13.29	13.63	16.47	13.95	30.00
CA_66C	15.0	15.0	1717.5	1732.5	1@74	1@0	64QAM	13.20	13.50	16.36	13.84	30.00
CA_66C	15.0	15.0	1717.5	1732.5	75@0	75@0	64QAM	13.14	13.34	16.25	13.73	30.00
CA_66C	15.0	15.0	1717.5	1732.5	1@74	1@0	256QAM	12.66	12.57	15.63	13.11	30.00
CA_66C	15.0	15.0	1717.5	1732.5	75@0	75@0	256QAM	12.50	12.38	15.45	12.93	30.00
CA_66C	15.0	20.0	1717.8	1734.9	1@74	1@0	QPSK	13.95	13.33	16.66	14.14	30.00
CA_66C	15.0	20.0	1717.8	1734.9	75@0	100@0	QPSK	13.79	13.24	16.54	14.02	30.00
CA_66C	15.0	20.0	1717.8	1734.9	1@74	1@0	16QAM	13.72	13.06	16.41	13.89	30.00
CA_66C	15.0	20.0	1717.8	1734.9	75@0	100@0	16QAM	13.54	13.03	16.31	13.79	30.00
CA_66C	15.0	20.0	1717.8	1734.9	1@74	1@0	64QAM	13.42	12.96	16.21	13.69	30.00
CA_66C	15.0	20.0	1717.8	1734.9	75@0	100@0	64QAM	13.35	12.76	16.08	13.56	30.00
CA_66C	15.0	20.0	1717.8	1734.9	1@74	1@0	256QAM	12.52	12.12	15.34	12.82	30.00

CA_66C	15.0	20.0	1717.8	1734.9	75@0	100@0	256QAM	12.40	11.95	15.19	12.67	30.00
CA_66C	20.0	15.0	1720.0	1737.1	1@99	1@0	QPSK	13.12	13.88	16.53	14.01	30.00
CA_66C	20.0	15.0	1720.0	1737.1	100@0	100@0	QPSK	12.97	13.78	16.40	13.88	30.00
CA_66C	20.0	15.0	1720.0	1737.1	1@99	1@0	16QAM	12.77	13.77	16.31	13.79	30.00
CA_66C	20.0	15.0	1720.0	1737.1	100@0	100@0	16QAM	12.75	13.67	16.24	13.72	30.00
CA_66C	20.0	15.0	1720.0	1737.1	1@99	1@0	64QAM	12.72	13.60	16.19	13.67	30.00
CA_66C	20.0	15.0	1720.0	1737.1	100@0	100@0	64QAM	12.70	13.58	16.17	13.65	30.00
CA_66C	20.0	15.0	1720.0	1737.1	1@99	1@0	256QAM	11.09	12.05	14.61	12.09	30.00
CA_66C	20.0	15.0	1720.0	1737.1	100@0	100@0	256QAM	10.96	11.91	14.47	11.95	30.00
CA_66C	20.0	5.0	1720.0	1731.7	1@99	1@0	QPSK	13.03	14.03	16.57	14.05	30.00
CA_66C	20.0	5.0	1720.0	1731.7	100@0	25@0	QPSK	12.95	13.91	16.47	13.95	30.00
CA_66C	20.0	5.0	1720.0	1731.7	1@99	1@0	16QAM	12.81	13.86	16.38	13.86	30.00
CA_66C	20.0	5.0	1720.0	1731.7	100@0	25@0	16QAM	12.79	13.74	16.30	13.78	30.00
CA_66C	20.0	5.0	1720.0	1731.7	1@99	1@0	64QAM	12.68	13.58	16.17	13.65	30.00
CA_66C	20.0	5.0	1720.0	1731.7	100@0	25@0	64QAM	12.55	13.37	15.99	13.47	30.00
CA_66C	20.0	5.0	1720.0	1731.7	1@99	1@0	256QAM	12.38	12.20	15.30	12.78	30.00
CA_66C	20.0	5.0	1720.0	1731.7	100@0	25@0	256QAM	12.31	12.11	15.22	12.70	30.00
CA_66C	5.0	20.0	1713.3	1725.0	1@24	1@0	QPSK	14.18	13.32	16.78	14.26	30.00
CA_66C	5.0	20.0	1713.3	1725.0	25@0	100@0	QPSK	14.17	13.14	16.69	14.17	30.00
CA_66C	5.0	20.0	1713.3	1725.0	1@24	1@0	16QAM	14.01	13.02	16.55	14.03	30.00
CA_66C	5.0	20.0	1713.3	1725.0	25@0	100@0	16QAM	13.86	12.83	16.39	13.87	30.00
CA_66C	5.0	20.0	1713.3	1725.0	1@24	1@0	64QAM	13.70	12.64	16.21	13.69	30.00
CA_66C	5.0	20.0	1713.3	1725.0	25@0	100@0	64QAM	13.65	12.59	16.16	13.64	30.00
CA_66C	5.0	20.0	1713.3	1725.0	1@24	1@0	256QAM	12.27	12.28	15.28	12.76	30.00
CA_66C	5.0	20.0	1713.3	1725.0	25@0	100@0	256QAM	12.18	12.20	15.20	12.68	30.00
CA_66C	20.0	20.0	1720.0	1739.8	1@99	1@0	QPSK	13.08	13.12	16.11	13.59	30.00
CA_66C	20.0	20.0	1720.0	1739.8	100@0	100@0	QPSK	12.88	13.01	15.96	13.44	30.00
CA_66C	20.0	20.0	1720.0	1739.8	1@99	1@0	16QAM	12.74	12.90	15.83	13.31	30.00
CA_66C	20.0	20.0	1720.0	1739.8	100@0	100@0	16QAM	12.66	12.88	15.79	13.27	30.00
CA_66C	20.0	20.0	1720.0	1739.8	1@99	1@0	64QAM	12.51	12.86	15.70	13.18	30.00
CA_66C	20.0	20.0	1720.0	1739.8	100@0	100@0	64QAM	12.35	12.74	15.56	13.04	30.00
CA_66C	20.0	20.0	1720.0	1739.8	1@99	1@0	256QAM	10.48	11.41	13.98	11.46	30.00
CA_66C	20.0	20.0	1720.0	1739.8	100@0	100@0	256QAM	10.48	11.23	13.88	11.36	30.00
CA_66C	10.0	20.0	1745.6	1760.0	1@49	1@0	QPSK	14.11	13.32	16.74	14.22	30.00
CA_66C	10.0	20.0	1745.6	1760.0	50@0	100@0	QPSK	14.04	13.14	16.62	14.10	30.00
CA_66C	10.0	20.0	1745.6	1760.0	1@49	1@0	16QAM	14.01	13.05	16.57	14.05	30.00
CA_66C	10.0	20.0	1745.6	1760.0	50@0	100@0	16QAM	13.92	12.95	16.47	13.95	30.00
CA_66C	10.0	20.0	1745.6	1760.0	1@49	1@0	64QAM	13.90	12.76	16.38	13.86	30.00

CA_66C	10.0	20.0	1745.6	1760.0	50@0	100@0	64QAM	13.74	12.56	16.20	13.68	30.00
CA_66C	10.0	20.0	1745.6	1760.0	1@49	1@0	256QAM	13.09	10.82	15.11	12.59	30.00
CA_66C	10.0	20.0	1745.6	1760.0	50@0	100@0	256QAM	12.97	10.67	14.98	12.46	30.00
CA_66C	20.0	10.0	1750.1	1764.5	1@99	1@0	QPSK	13.31	14.21	16.80	14.28	30.00
CA_66C	20.0	10.0	1750.1	1764.5	100@0	100@0	QPSK	13.15	14.08	16.65	14.13	30.00
CA_66C	20.0	10.0	1750.1	1764.5	1@99	1@0	16QAM	13.11	13.98	16.58	14.06	30.00
CA_66C	20.0	10.0	1750.1	1764.5	100@0	100@0	16QAM	13.01	13.79	16.43	13.91	30.00
CA_66C	20.0	10.0	1750.1	1764.5	1@99	1@0	64QAM	13.01	13.71	16.38	13.86	30.00
CA_66C	20.0	10.0	1750.1	1764.5	100@0	100@0	64QAM	12.95	13.51	16.25	13.73	30.00
CA_66C	20.0	10.0	1750.1	1764.5	1@99	1@0	256QAM	11.10	12.69	14.98	12.46	30.00
CA_66C	20.0	10.0	1750.1	1764.5	100@0	100@0	256QAM	10.99	12.47	14.80	12.28	30.00
CA_66C	15.0	15.0	1747.5	1762.5	1@74	1@0	QPSK	13.91	13.79	16.86	14.34	30.00
CA_66C	15.0	15.0	1747.5	1762.5	75@0	75@0	QPSK	13.90	13.76	16.84	14.32	30.00
CA_66C	15.0	15.0	1747.5	1762.5	1@74	1@0	16QAM	13.88	13.67	16.79	14.27	30.00
CA_66C	15.0	15.0	1747.5	1762.5	75@0	75@0	16QAM	13.74	13.52	16.64	14.12	30.00
CA_66C	15.0	15.0	1747.5	1762.5	1@74	1@0	64QAM	13.56	13.43	16.50	13.98	30.00
CA_66C	15.0	15.0	1747.5	1762.5	75@0	75@0	64QAM	13.55	13.31	16.45	13.93	30.00
CA_66C	15.0	15.0	1747.5	1762.5	1@74	1@0	256QAM	12.40	12.70	15.57	13.05	30.00
CA_66C	15.0	15.0	1747.5	1762.5	75@0	75@0	256QAM	12.21	12.68	15.46	12.94	30.00
CA_66C	15.0	20.0	1745.3	1762.4	1@74	1@0	QPSK	13.54	13.07	16.32	13.80	30.00
CA_66C	15.0	20.0	1745.3	1762.4	75@0	100@0	QPSK	13.53	12.90	16.24	13.72	30.00
CA_66C	15.0	20.0	1745.3	1762.4	1@74	1@0	16QAM	13.42	12.83	16.14	13.62	30.00
CA_66C	15.0	20.0	1745.3	1762.4	75@0	100@0	16QAM	13.30	12.66	16.00	13.48	30.00
CA_66C	15.0	20.0	1745.3	1762.4	1@74	1@0	64QAM	13.18	12.63	15.92	13.40	30.00
CA_66C	15.0	20.0	1745.3	1762.4	75@0	100@0	64QAM	13.08	12.53	15.82	13.30	30.00
CA_66C	15.0	20.0	1745.3	1762.4	1@74	1@0	256QAM	11.53	11.74	14.65	12.13	30.00
CA_66C	15.0	20.0	1745.3	1762.4	75@0	100@0	256QAM	11.44	11.60	14.53	12.01	30.00
CA_66C	20.0	15.0	1747.6	1764.7	1@99	1@0	QPSK	13.13	13.55	16.36	13.84	30.00
CA_66C	20.0	15.0	1747.6	1764.7	100@0	100@0	QPSK	13.12	13.37	16.26	13.74	30.00
CA_66C	20.0	15.0	1747.6	1764.7	1@99	1@0	16QAM	12.95	13.34	16.16	13.64	30.00
CA_66C	20.0	15.0	1747.6	1764.7	100@0	100@0	16QAM	12.80	13.34	16.09	13.57	30.00
CA_66C	20.0	15.0	1747.6	1764.7	1@99	1@0	64QAM	12.63	13.32	16.00	13.48	30.00
CA_66C	20.0	15.0	1747.6	1764.7	100@0	100@0	64QAM	12.48	13.22	15.88	13.36	30.00
CA_66C	20.0	15.0	1747.6	1764.7	1@99	1@0	256QAM	10.54	12.59	14.70	12.18	30.00
CA_66C	20.0	15.0	1747.6	1764.7	100@0	100@0	256QAM	10.46	12.40	14.54	12.02	30.00
CA_66C	20.0	5.0	1752.5	1764.2	1@99	1@0	QPSK	13.39	14.19	16.82	14.30	30.00
CA_66C	20.0	5.0	1752.5	1764.2	100@0	25@0	QPSK	13.25	14.00	16.65	14.13	30.00
CA_66C	20.0	5.0	1752.5	1764.2	1@99	1@0	16QAM	13.20	13.92	16.58	14.06	30.00

CA_66C	20.0	5.0	1752.5	1764.2	100@0	25@0	16QAM	13.12	13.87	16.52	14.00	30.00
CA_66C	20.0	5.0	1752.5	1764.2	1@99	1@0	64QAM	13.01	13.76	16.41	13.89	30.00
CA_66C	20.0	5.0	1752.5	1764.2	100@0	25@0	64QAM	12.92	13.56	16.26	13.74	30.00
CA_66C	20.0	5.0	1752.5	1764.2	1@99	1@0	256QAM	11.64	13.21	15.51	12.99	30.00
CA_66C	20.0	5.0	1752.5	1764.2	100@0	25@0	256QAM	11.48	13.03	15.33	12.81	30.00
CA_66C	5.0	20.0	1745.8	1757.5	1@24	1@0	QPSK	14.14	13.39	16.79	14.27	30.00
CA_66C	5.0	20.0	1745.8	1757.5	25@0	100@0	QPSK	14.04	13.20	16.65	14.13	30.00
CA_66C	5.0	20.0	1745.8	1757.5	1@24	1@0	16QAM	14.01	13.01	16.55	14.03	30.00
CA_66C	5.0	20.0	1745.8	1757.5	25@0	100@0	16QAM	13.96	12.84	16.45	13.93	30.00
CA_66C	5.0	20.0	1745.8	1757.5	1@24	1@0	64QAM	13.93	12.83	16.43	13.91	30.00
CA_66C	5.0	20.0	1745.8	1757.5	25@0	100@0	64QAM	13.77	12.73	16.29	13.77	30.00
CA_66C	5.0	20.0	1745.8	1757.5	1@24	1@0	256QAM	12.02	12.17	15.10	12.58	30.00
CA_66C	5.0	20.0	1745.8	1757.5	25@0	100@0	256QAM	11.91	11.96	14.95	12.43	30.00
CA_66C	20.0	20.0	1745.1	1764.9	1@99	1@0	QPSK	13.43	13.13	16.29	13.77	30.00
CA_66C	20.0	20.0	1745.1	1764.9	100@0	100@0	QPSK	13.30	12.99	16.16	13.64	30.00
CA_66C	20.0	20.0	1745.1	1764.9	1@99	1@0	16QAM	13.17	12.79	16.00	13.48	30.00
CA_66C	20.0	20.0	1745.1	1764.9	100@0	100@0	16QAM	13.12	12.73	15.94	13.42	30.00
CA_66C	20.0	20.0	1745.1	1764.9	1@99	1@0	64QAM	13.06	12.69	15.89	13.37	30.00
CA_66C	20.0	20.0	1745.1	1764.9	100@0	100@0	64QAM	13.03	12.56	15.81	13.29	30.00
CA_66C	20.0	20.0	1745.1	1764.9	1@99	1@0	256QAM	11.57	12.15	14.88	12.36	30.00
CA_66C	20.0	20.0	1745.1	1764.9	100@0	100@0	256QAM	11.49	12.08	14.81	12.29	30.00
CA_66C	10.0	20.0	1755.6	1770.0	1@49	1@0	QPSK	14.19	13.34	16.79	14.27	30.00
CA_66C	10.0	20.0	1755.6	1770.0	50@0	100@0	QPSK	14.13	13.16	16.68	14.16	30.00
CA_66C	10.0	20.0	1755.6	1770.0	1@49	1@0	16QAM	14.09	13.09	16.63	14.11	30.00
CA_66C	10.0	20.0	1755.6	1770.0	50@0	100@0	16QAM	13.95	13.03	16.53	14.01	30.00
CA_66C	10.0	20.0	1755.6	1770.0	1@49	1@0	64QAM	13.82	12.93	16.41	13.89	30.00
CA_66C	10.0	20.0	1755.6	1770.0	50@0	100@0	64QAM	13.65	12.76	16.24	13.72	30.00
CA_66C	10.0	20.0	1755.6	1770.0	1@49	1@0	256QAM	12.60	12.05	15.35	12.83	30.00
CA_66C	10.0	20.0	1755.6	1770.0	50@0	100@0	256QAM	12.46	11.98	15.24	12.72	30.00
CA_66C	20.0	10.0	1760.1	1774.5	1@99	1@0	QPSK	13.38	14.35	16.90	14.38	30.00
CA_66C	20.0	10.0	1760.1	1774.5	100@0	100@0	QPSK	13.19	14.23	16.76	14.24	30.00
CA_66C	20.0	10.0	1760.1	1774.5	1@99	1@0	16QAM	13.04	14.21	16.67	14.15	30.00
CA_66C	20.0	10.0	1760.1	1774.5	100@0	100@0	16QAM	12.97	14.12	16.59	14.07	30.00
CA_66C	20.0	10.0	1760.1	1774.5	1@99	1@0	64QAM	12.88	14.02	16.50	13.98	30.00
CA_66C	20.0	10.0	1760.1	1774.5	100@0	100@0	64QAM	12.73	13.85	16.34	13.82	30.00
CA_66C	20.0	10.0	1760.1	1774.5	1@99	1@0	256QAM	11.01	12.84	15.03	12.51	30.00
CA_66C	20.0	10.0	1760.1	1774.5	100@0	100@0	256QAM	11.01	12.64	14.91	12.39	30.00
CA_66C	15.0	15.0	1757.5	1772.5	1@74	1@0	QPSK	13.58	13.79	16.70	14.18	30.00

CA_66C	15.0	15.0	1757.5	1772.5	75@0	75@0	QPSK	13.46	13.71	16.60	14.08	30.00
CA_66C	15.0	15.0	1757.5	1772.5	1@74	1@0	16QAM	13.29	13.53	16.42	13.90	30.00
CA_66C	15.0	15.0	1757.5	1772.5	75@0	75@0	16QAM	13.25	13.34	16.30	13.78	30.00
CA_66C	15.0	15.0	1757.5	1772.5	1@74	1@0	64QAM	13.16	13.30	16.24	13.72	30.00
CA_66C	15.0	15.0	1757.5	1772.5	75@0	75@0	64QAM	13.09	13.12	16.12	13.60	30.00
CA_66C	15.0	15.0	1757.5	1772.5	1@74	1@0	256QAM	12.41	12.71	15.57	13.05	30.00
CA_66C	15.0	15.0	1757.5	1772.5	75@0	75@0	256QAM	12.34	12.69	15.53	13.01	30.00
CA_66C	15.0	20.0	1752.9	1770.0	1@74	1@0	QPSK	13.60	13.05	16.34	13.82	30.00
CA_66C	15.0	20.0	1752.9	1770.0	75@0	100@0	QPSK	13.57	13.03	16.32	13.80	30.00
CA_66C	15.0	20.0	1752.9	1770.0	1@74	1@0	16QAM	13.45	13.03	16.25	13.73	30.00
CA_66C	15.0	20.0	1752.9	1770.0	75@0	100@0	16QAM	13.38	12.95	16.18	13.66	30.00
CA_66C	15.0	20.0	1752.9	1770.0	1@74	1@0	64QAM	13.27	12.82	16.06	13.54	30.00
CA_66C	15.0	20.0	1752.9	1770.0	75@0	100@0	64QAM	13.26	12.72	16.01	13.49	30.00
CA_66C	15.0	20.0	1752.9	1770.0	1@74	1@0	256QAM	12.46	11.93	15.22	12.70	30.00
CA_66C	15.0	20.0	1752.9	1770.0	75@0	100@0	256QAM	12.29	11.84	15.08	12.56	30.00
CA_66C	20.0	15.0	1755.1	1772.2	1@99	1@0	QPSK	13.00	13.75	16.40	13.88	30.00
CA_66C	20.0	15.0	1755.1	1772.2	100@0	100@0	QPSK	12.84	13.64	16.27	13.75	30.00
CA_66C	20.0	15.0	1755.1	1772.2	1@99	1@0	16QAM	12.69	13.58	16.17	13.65	30.00
CA_66C	20.0	15.0	1755.1	1772.2	100@0	100@0	16QAM	12.67	13.44	16.08	13.56	30.00
CA_66C	20.0	15.0	1755.1	1772.2	1@99	1@0	64QAM	12.66	13.41	16.06	13.54	30.00
CA_66C	20.0	15.0	1755.1	1772.2	100@0	100@0	64QAM	12.47	13.28	15.90	13.38	30.00
CA_66C	20.0	15.0	1755.1	1772.2	1@99	1@0	256QAM	11.52	11.39	14.46	11.94	30.00
CA_66C	20.0	15.0	1755.1	1772.2	100@0	100@0	256QAM	11.43	11.31	14.38	11.86	30.00
CA_66C	20.0	5.0	1765.0	1776.7	1@99	1@0	QPSK	13.22	14.47	16.90	14.38	30.00
CA_66C	20.0	5.0	1765.0	1776.7	100@0	25@0	QPSK	13.21	14.38	16.84	14.32	30.00
CA_66C	20.0	5.0	1765.0	1776.7	1@99	1@0	16QAM	13.07	14.26	16.71	14.19	30.00
CA_66C	20.0	5.0	1765.0	1776.7	100@0	25@0	16QAM	12.90	14.21	16.62	14.10	30.00
CA_66C	20.0	5.0	1765.0	1776.7	1@99	1@0	64QAM	12.88	14.07	16.52	14.00	30.00
CA_66C	20.0	5.0	1765.0	1776.7	100@0	25@0	64QAM	12.77	14.04	16.46	13.94	30.00
CA_66C	20.0	5.0	1765.0	1776.7	1@99	1@0	256QAM	12.15	13.77	16.05	13.53	30.00
CA_66C	20.0	5.0	1765.0	1776.7	100@0	25@0	256QAM	11.99	13.65	15.91	13.39	30.00
CA_66C	5.0	20.0	1758.3	1770.0	1@24	1@0	QPSK	14.50	13.21	16.91	14.39	30.00
CA_66C	5.0	20.0	1758.3	1770.0	25@0	100@0	QPSK	14.38	13.20	16.84	14.32	30.00
CA_66C	5.0	20.0	1758.3	1770.0	1@24	1@0	16QAM	14.35	13.14	16.80	14.28	30.00
CA_66C	5.0	20.0	1758.3	1770.0	25@0	100@0	16QAM	14.33	13.07	16.75	14.23	30.00
CA_66C	5.0	20.0	1758.3	1770.0	1@24	1@0	64QAM	14.30	12.93	16.68	14.16	30.00
CA_66C	5.0	20.0	1758.3	1770.0	25@0	100@0	64QAM	14.29	12.77	16.60	14.08	30.00
CA_66C	5.0	20.0	1758.3	1770.0	1@24	1@0	256QAM	12.96	11.52	15.31	12.79	30.00

CA_66C	5.0	20.0	1758.3	1770.0	25@0	100@0	256QAM	12.78	11.47	15.19	12.67	30.00
CA_66C	20.0	20.0	1750.2	1770.0	1@99	1@0	QPSK	13.09	13.37	16.24	13.72	30.00
CA_66C	20.0	20.0	1750.2	1770.0	100@0	100@0	QPSK	12.98	13.35	16.18	13.66	30.00
CA_66C	20.0	20.0	1750.2	1770.0	1@99	1@0	16QAM	12.96	13.26	16.12	13.60	30.00
CA_66C	20.0	20.0	1750.2	1770.0	100@0	100@0	16QAM	12.86	13.24	16.06	13.54	30.00
CA_66C	20.0	20.0	1750.2	1770.0	1@99	1@0	64QAM	12.84	13.05	15.96	13.44	30.00
CA_66C	20.0	20.0	1750.2	1770.0	100@0	100@0	64QAM	12.75	12.97	15.87	13.35	30.00
CA_66C	20.0	20.0	1750.2	1770.0	1@99	1@0	256QAM	12.46	12.66	15.57	13.05	30.00
CA_66C	20.0	20.0	1750.2	1770.0	100@0	100@0	256QAM	12.43	12.57	15.51	12.99	30.00