

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	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	QPSK	15.72	15.90	18.82	10.99	38.45
CA_5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	QPSK	15.60	15.76	18.69	10.86	38.45
CA_5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	16QAM	15.50	15.70	18.61	10.78	38.45
CA_5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	16QAM	15.46	15.69	18.58	10.75	38.45
CA_5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	64QAM	15.40	15.62	18.52	10.69	38.45
CA_5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	64QAM	15.26	15.40	18.34	10.51	38.45
CA_5B	3.0	5.0	20416	20455	825.6	829.5	1@14	1@0	256QAM	15.24	13.77	17.58	9.75	38.45
CA_5B	3.0	5.0	20416	20455	825.6	829.5	15@0	25@0	256QAM	15.21	13.69	17.53	9.70	38.45
CA_5B	5.0	3.0	20425	20464	826.5	830.4	1@24	1@0	QPSK	15.64	15.57	18.61	10.78	38.45
CA_5B	5.0	3.0	20425	20464	826.5	830.4	25@0	15@0	QPSK	15.48	15.55	18.52	10.69	38.45
CA_5B	5.0	3.0	20425	20464	826.5	830.4	1@24	1@0	16QAM	15.38	15.39	18.39	10.56	38.45
CA_5B	5.0	3.0	20425	20464	826.5	830.4	25@0	15@0	16QAM	15.28	15.28	18.29	10.46	38.45
CA_5B	5.0	3.0	20425	20464	826.5	830.4	1@24	1@0	64QAM	15.18	15.11	18.15	10.32	38.45
CA_5B	5.0	3.0	20425	20464	826.5	830.4	25@0	15@0	64QAM	14.99	15.09	18.05	10.22	38.45
CA_5B	5.0	3.0	20425	20464	826.5	830.4	1@24	1@0	256QAM	13.37	14.41	16.93	9.10	38.45
CA_5B	5.0	3.0	20425	20464	826.5	830.4	25@0	15@0	256QAM	13.27	14.27	16.81	8.98	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	QPSK	15.77	15.96	18.88	11.05	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	QPSK	15.65	15.92	18.80	10.97	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	16QAM	15.55	15.75	18.66	10.83	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	16QAM	15.54	15.58	18.57	10.74	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	64QAM	15.36	15.43	18.41	10.58	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	64QAM	15.26	15.25	18.27	10.44	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	1@24	1@0	256QAM	14.45	14.42	17.44	9.61	38.45
CA_5B	5.0	10.0	20428	20500	826.8	834.0	25@0	50@0	256QAM	14.32	14.36	17.35	9.52	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	QPSK	15.97	15.95	18.97	11.14	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	QPSK	15.91	15.92	18.92	11.09	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	16QAM	15.87	15.73	18.81	10.98	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	16QAM	15.87	15.60	18.74	10.91	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	64QAM	15.84	15.57	18.72	10.89	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	64QAM	15.75	15.35	18.57	10.74	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	1@49	1@0	256QAM	13.99	14.12	17.06	9.23	38.45
CA_5B	10.0	5.0	20450	20522	829.0	836.2	50@0	25@0	256QAM	13.85	14.10	16.99	9.16	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	QPSK	15.91	15.71	18.82	10.99	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	QPSK	15.80	15.63	18.73	10.90	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	16QAM	15.79	15.46	18.64	10.81	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	16QAM	15.69	15.35	18.53	10.70	38.45

CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	64QAM	15.66	15.32	18.50	10.67	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	64QAM	15.62	15.14	18.40	10.57	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	1@49	1@0	256QAM	13.76	14.08	16.94	9.11	38.45
CA_5B	10.0	10.0	20450	20549	829.0	838.9	50@0	50@0	256QAM	13.72	14.02	16.88	9.05	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	QPSK	15.55	15.81	18.69	10.86	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	QPSK	15.48	15.65	18.58	10.75	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	16QAM	15.43	15.51	18.48	10.65	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	16QAM	15.27	15.49	18.40	10.57	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	64QAM	15.12	15.44	18.29	10.46	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	64QAM	15.01	15.25	18.14	10.31	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	1@24	1@0	256QAM	14.25	13.83	17.06	9.23	38.45
CA_5B	5.0	10.0	20478	20550	831.8	839.0	25@0	50@0	256QAM	14.09	13.66	16.89	9.06	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	QPSK	15.90	15.57	18.74	10.91	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	QPSK	15.83	15.51	18.69	10.86	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	16QAM	15.72	15.44	18.60	10.77	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	16QAM	15.65	15.43	18.55	10.72	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	64QAM	15.47	15.28	18.39	10.56	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	64QAM	15.32	15.20	18.27	10.44	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	1@49	1@0	256QAM	14.49	13.81	17.17	9.34	38.45
CA_5B	10.0	5.0	20500	20572	834.0	841.2	50@0	25@0	256QAM	14.38	13.68	17.06	9.23	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	QPSK	15.95	15.60	18.79	10.96	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	QPSK	15.82	15.51	18.68	10.85	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	16QAM	15.70	15.36	18.54	10.71	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	16QAM	15.68	15.30	18.51	10.68	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	64QAM	15.51	15.19	18.36	10.53	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	64QAM	15.37	15.17	18.28	10.45	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	1@49	1@0	256QAM	14.63	15.16	17.91	10.08	38.45
CA_5B	10.0	10.0	20476	20575	831.6	841.5	50@0	50@0	256QAM	14.59	14.96	17.79	9.96	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	QPSK	15.62	15.85	18.75	10.92	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	QPSK	15.57	15.74	18.66	10.83	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	16QAM	15.38	15.55	18.47	10.64	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	16QAM	15.20	15.49	18.36	10.53	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	64QAM	15.09	15.35	18.23	10.40	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	64QAM	15.09	15.31	18.21	10.38	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	1@24	1@0	256QAM	13.79	15.01	17.46	9.63	38.45
CA_5B	5.0	10.0	20528	20600	836.8	844.0	25@0	50@0	256QAM	13.71	15.01	17.42	9.59	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	QPSK	15.56	15.75	18.67	10.84	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	QPSK	15.55	15.75	18.66	10.83	38.45

CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	16QAM	15.43	15.61	18.53	10.70	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	16QAM	15.41	15.56	18.50	10.67	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	64QAM	15.28	15.41	18.36	10.53	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	64QAM	15.15	15.37	18.27	10.44	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	1@49	1@0	256QAM	14.43	14.00	17.23	9.40	38.45
CA_5B	10.0	5.0	20550	20622	839.0	846.2	50@0	25@0	256QAM	14.23	13.95	17.10	9.27	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	QPSK	15.53	15.63	18.59	10.76	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	QPSK	15.38	15.43	18.42	10.59	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	16QAM	15.34	15.43	18.40	10.57	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	16QAM	15.34	15.39	18.38	10.55	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	64QAM	15.29	15.39	18.35	10.52	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	64QAM	15.25	15.21	18.24	10.41	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	1@49	1@0	256QAM	15.09	14.43	17.78	9.95	38.45
CA_5B	10.0	10.0	20501	20600	834.1	844.0	50@0	50@0	256QAM	15.04	14.28	17.69	9.86	38.45
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	QPSK	6.77	6.61	9.70	6.61	33.01
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	QPSK	6.73	6.44	9.60	6.51	33.01
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	16QAM	6.63	6.39	9.52	6.43	33.01
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	16QAM	6.43	6.28	9.37	6.28	33.01
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	64QAM	6.30	6.25	9.29	6.20	33.01
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	64QAM	6.18	6.25	9.22	6.13	33.01
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	1@49	1@0	256QAM	4.85	4.68	7.78	4.69	33.01
CA_7C	10.0	20.0	20805	20949	2505.5	2519.9	50@0	100@0	256QAM	4.81	4.58	7.71	4.62	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	QPSK	6.54	6.96	9.77	6.68	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	QPSK	6.37	6.92	9.66	6.57	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	16QAM	6.26	6.89	9.59	6.50	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	16QAM	6.20	6.85	9.54	6.45	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	64QAM	6.05	6.69	9.39	6.30	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	64QAM	5.90	6.55	9.25	6.16	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	1@99	1@0	256QAM	5.87	4.61	8.29	5.20	33.01
CA_7C	20.0	10.0	20850	20994	2510.0	2524.4	100@0	100@0	256QAM	5.69	4.40	8.10	5.01	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	QPSK	6.88	6.96	9.93	6.84	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	QPSK	6.74	6.78	9.77	6.68	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	16QAM	6.54	6.74	9.65	6.56	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	16QAM	6.40	6.60	9.51	6.42	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	64QAM	6.27	6.45	9.37	6.28	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	64QAM	6.25	6.39	9.33	6.24	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	1@74	1@0	256QAM	4.28	5.82	8.12	5.03	33.01
CA_7C	15.0	15.0	20825	20975	2507.5	2522.5	75@0	75@0	256QAM	4.24	5.63	8.00	4.91	33.01

CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	QPSK	6.69	6.93	9.82	6.73	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	QPSK	6.63	6.77	9.71	6.62	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	16QAM	6.59	6.61	9.61	6.52	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	16QAM	6.42	6.53	9.48	6.39	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	64QAM	6.40	6.33	9.37	6.28	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	64QAM	6.34	6.27	9.31	6.22	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	1@74	1@0	256QAM	5.59	5.84	8.73	5.64	33.01
CA_7C	15.0	20.0	20828	20999	2507.8	2524.9	75@0	100@0	256QAM	5.41	5.83	8.63	5.54	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	QPSK	6.61	6.66	9.65	6.56	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	QPSK	6.42	6.51	9.47	6.38	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	16QAM	6.36	6.40	9.39	6.30	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	16QAM	6.31	6.35	9.34	6.25	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	64QAM	6.16	6.16	9.17	6.08	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	64QAM	6.15	5.94	9.06	5.97	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	1@99	1@0	256QAM	4.19	5.91	8.15	5.06	33.01
CA_7C	20.0	15.0	20850	21021	2510.0	2527.1	100@0	100@0	256QAM	4.05	5.88	8.08	4.99	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	QPSK	6.57	6.56	9.58	6.49	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	QPSK	6.42	6.48	9.46	6.37	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	16QAM	6.33	6.32	9.33	6.24	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	16QAM	6.13	6.13	9.14	6.05	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	64QAM	6.01	5.99	9.01	5.92	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	64QAM	5.92	5.88	8.91	5.82	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	1@99	1@0	256QAM	4.16	4.58	7.38	4.29	33.01
CA_7C	20.0	20.0	20850	21048	2510.0	2529.8	100@0	100@0	256QAM	4.08	4.55	7.33	4.24	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	QPSK	6.58	6.65	9.62	6.53	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	QPSK	6.47	6.58	9.53	6.44	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	16QAM	6.30	6.58	9.45	6.36	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	16QAM	6.20	6.39	9.30	6.21	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	64QAM	6.16	6.20	9.19	6.10	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	64QAM	6.12	6.08	9.11	6.02	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	1@49	1@0	256QAM	5.22	4.68	7.97	4.88	33.01
CA_7C	10.0	20.0	21006	21150	2525.6	2540.0	50@0	100@0	256QAM	5.05	4.55	7.82	4.73	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	QPSK	6.76	6.76	9.77	6.68	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	QPSK	6.59	6.72	9.67	6.58	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	16QAM	6.50	6.52	9.52	6.43	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	16QAM	6.32	6.48	9.41	6.32	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	64QAM	6.14	6.35	9.26	6.17	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	64QAM	5.95	6.22	9.09	6.00	33.01

CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	1@99	1@0	256QAM	4.81	5.75	8.32	5.23	33.01
CA_7C	20.0	10.0	21051	21195	2530.1	2544.5	100@0	100@0	256QAM	4.68	5.72	8.24	5.15	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	QPSK	6.71	6.81	9.77	6.68	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	QPSK	6.52	6.72	9.63	6.54	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	16QAM	6.41	6.67	9.55	6.46	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	16QAM	6.23	6.47	9.36	6.27	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	64QAM	6.13	6.31	9.23	6.14	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	64QAM	5.98	6.23	9.11	6.02	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	1@74	1@0	256QAM	5.10	5.82	8.49	5.40	33.01
CA_7C	15.0	15.0	21025	21175	2527.5	2542.5	75@0	75@0	256QAM	5.01	5.62	8.33	5.24	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	QPSK	6.94	6.99	9.98	6.89	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	QPSK	6.76	6.95	9.86	6.77	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	16QAM	6.60	6.94	9.79	6.70	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	16QAM	6.42	6.92	9.69	6.60	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	64QAM	6.40	6.77	9.60	6.51	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	64QAM	6.36	6.77	9.58	6.49	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	1@74	1@0	256QAM	5.93	6.69	9.34	6.25	33.01
CA_7C	15.0	20.0	21003	21174	2525.3	2542.4	75@0	100@0	256QAM	5.81	6.53	9.20	6.11	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	QPSK	6.91	6.85	9.89	6.80	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	QPSK	6.78	6.72	9.76	6.67	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	16QAM	6.71	6.66	9.70	6.61	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	16QAM	6.66	6.50	9.59	6.50	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	64QAM	6.50	6.41	9.47	6.38	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	64QAM	6.45	6.26	9.37	6.28	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	1@99	1@0	256QAM	4.52	5.73	8.18	5.09	33.01
CA_7C	20.0	15.0	21026	21197	2527.6	2544.7	100@0	100@0	256QAM	4.33	5.59	8.02	4.93	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	QPSK	6.62	6.53	9.59	6.50	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	QPSK	6.45	6.45	9.46	6.37	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	16QAM	6.28	6.34	9.32	6.23	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	16QAM	6.22	6.24	9.24	6.15	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	64QAM	6.09	6.07	9.09	6.00	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	64QAM	5.92	5.95	8.95	5.86	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	1@99	1@0	256QAM	4.41	4.80	7.62	4.53	33.01
CA_7C	20.0	20.0	21001	21199	2525.1	2544.9	100@0	100@0	256QAM	4.38	4.72	7.56	4.47	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	QPSK	6.70	6.80	9.76	6.67	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	QPSK	6.60	6.78	9.70	6.61	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	16QAM	6.43	6.66	9.56	6.47	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	16QAM	6.27	6.65	9.48	6.39	33.01

CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	64QAM	6.23	6.55	9.40	6.31	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	64QAM	6.15	6.51	9.35	6.26	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	1@49	1@0	256QAM	5.94	6.02	8.99	5.90	33.01
CA_7C	10.0	20.0	21206	21350	2545.6	2560.0	50@0	100@0	256QAM	5.89	5.91	8.91	5.82	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	QPSK	6.52	6.73	9.63	6.54	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	QPSK	6.37	6.65	9.52	6.43	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	16QAM	6.31	6.52	9.43	6.34	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	16QAM	6.16	6.39	9.29	6.20	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	64QAM	6.11	6.35	9.24	6.15	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	64QAM	6.01	6.20	9.11	6.02	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	1@99	1@0	256QAM	5.99	5.73	8.87	5.78	33.01
CA_7C	20.0	10.0	21251	21395	2550.1	2564.5	100@0	100@0	256QAM	5.82	5.53	8.69	5.60	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	QPSK	6.73	6.61	9.68	6.59	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	QPSK	6.69	6.56	9.64	6.55	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	16QAM	6.50	6.42	9.47	6.38	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	16QAM	6.47	6.24	9.37	6.28	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	64QAM	6.45	6.13	9.30	6.21	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	64QAM	6.45	6.04	9.26	6.17	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	1@74	1@0	256QAM	6.10	4.24	8.28	5.19	33.01
CA_7C	15.0	15.0	21225	21375	2547.5	2562.5	75@0	75@0	256QAM	6.00	4.13	8.17	5.08	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	QPSK	6.60	6.81	9.72	6.63	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	QPSK	6.44	6.76	9.62	6.53	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	16QAM	6.37	6.65	9.52	6.43	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	16QAM	6.34	6.48	9.42	6.33	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	64QAM	6.15	6.37	9.27	6.18	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	64QAM	6.02	6.25	9.15	6.06	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	1@74	1@0	256QAM	5.19	6.23	8.75	5.66	33.01
CA_7C	15.0	20.0	21179	21350	2542.9	2560.0	75@0	100@0	256QAM	5.15	6.10	8.66	5.57	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	QPSK	6.90	6.93	9.93	6.84	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	QPSK	6.82	6.88	9.86	6.77	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	16QAM	6.80	6.75	9.79	6.70	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	16QAM	6.79	6.68	9.75	6.66	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	64QAM	6.69	6.65	9.68	6.59	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	64QAM	6.65	6.55	9.61	6.52	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	1@99	1@0	256QAM	4.73	6.52	8.72	5.63	33.01
CA_7C	20.0	15.0	21201	21372	2545.1	2562.2	100@0	100@0	256QAM	4.65	6.43	8.64	5.55	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	QPSK	6.55	6.98	9.78	6.69	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	QPSK	6.41	6.94	9.69	6.60	33.01

CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	16QAM	6.22	6.89	9.58	6.49	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	16QAM	6.10	6.76	9.46	6.37	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	64QAM	6.04	6.63	9.35	6.26	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	64QAM	5.96	6.62	9.31	6.22	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	1@99	1@0	256QAM	4.21	6.60	8.58	5.49	33.01
CA_7C	20.0	20.0	21152	21350	2540.2	2560.0	100@0	100@0	256QAM	4.05	6.39	8.38	5.29	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	QPSK	11.81	11.56	14.70	11.61	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	QPSK	11.64	11.42	14.55	11.46	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	16QAM	11.60	11.24	14.43	11.34	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	16QAM	11.46	11.06	14.27	11.18	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	64QAM	11.30	10.96	14.15	11.06	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	64QAM	11.16	10.87	14.03	10.94	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	1@74	1@0	256QAM	9.47	10.49	13.02	9.93	33.01
CA_38C	15.0	15.0	37825	37975	2577.5	2592.5	75@0	75@0	256QAM	9.28	10.32	12.85	9.76	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	QPSK	11.50	11.68	14.60	11.51	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	QPSK	11.37	11.66	14.53	11.44	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	16QAM	11.18	11.54	14.37	11.28	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	16QAM	11.01	11.49	14.27	11.18	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	64QAM	10.87	11.43	14.17	11.08	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	64QAM	10.79	11.33	14.08	10.99	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	1@99	1@0	256QAM	9.47	10.25	12.89	9.80	33.01
CA_38C	20.0	20.0	37850	38048	2580.0	2599.8	100@0	100@0	256QAM	9.33	10.09	12.73	9.64	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	QPSK	11.71	11.78	14.76	11.67	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	QPSK	11.64	11.68	14.67	11.58	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	16QAM	11.56	11.58	14.58	11.49	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	16QAM	11.56	11.52	14.55	11.46	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	64QAM	11.44	11.37	14.41	11.32	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	64QAM	11.25	11.30	14.28	11.19	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	1@74	1@0	256QAM	9.57	11.08	13.40	10.31	33.01
CA_38C	15.0	15.0	37925	38075	2587.5	2602.5	75@0	75@0	256QAM	9.52	11.01	13.34	10.25	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	QPSK	11.96	11.71	14.85	11.76	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	QPSK	11.94	11.66	14.81	11.72	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	16QAM	11.80	11.64	14.73	11.64	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	16QAM	11.72	11.50	14.62	11.53	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	64QAM	11.67	11.41	14.55	11.46	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	64QAM	11.58	11.32	14.47	11.38	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	1@99	1@0	256QAM	10.83	10.68	13.77	10.68	33.01
CA_38C	20.0	20.0	37901	38099	2585.1	2604.9	100@0	100@0	256QAM	10.78	10.67	13.74	10.65	33.01

CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	QPSK	11.96	11.76	14.87	11.78	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	QPSK	11.84	11.67	14.77	11.68	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	16QAM	11.76	11.53	14.66	11.57	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	16QAM	11.71	11.43	14.58	11.49	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	64QAM	11.54	11.38	14.47	11.38	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	64QAM	11.36	11.24	14.31	11.22	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	1@74	1@0	256QAM	10.34	10.56	13.46	10.37	33.01
CA_38C	15.0	15.0	38025	38175	2597.5	2612.5	75@0	75@0	256QAM	10.27	10.35	13.32	10.23	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	QPSK	11.70	11.52	14.62	11.53	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	QPSK	11.64	11.50	14.58	11.49	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	16QAM	11.45	11.41	14.44	11.35	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	16QAM	11.28	11.34	14.32	11.23	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	64QAM	11.12	11.18	14.16	11.07	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	64QAM	11.04	11.03	14.04	10.95	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	1@99	1@0	256QAM	10.69	10.39	13.55	10.46	33.01
CA_38C	20.0	20.0	37952	38150	2590.2	2610.0	100@0	100@0	256QAM	10.59	10.21	13.41	10.32	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	QPSK	11.60	11.77	14.70	11.61	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	QPSK	11.48	11.62	14.56	11.47	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	16QAM	11.37	11.42	14.41	11.32	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	16QAM	11.36	11.26	14.32	11.23	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	64QAM	11.28	11.17	14.23	11.14	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	64QAM	11.22	11.10	14.17	11.08	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	1@24	1@0	256QAM	9.70	10.52	13.14	10.05	33.01
CA_41C	5.0	20.0	39683	39800	2499.3	2511.0	25@0	100@0	256QAM	9.51	10.39	12.99	9.90	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	QPSK	11.53	11.93	14.75	11.66	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	QPSK	11.51	11.83	14.69	11.60	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	16QAM	11.40	11.76	14.59	11.50	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	16QAM	11.22	11.60	14.43	11.34	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	64QAM	11.05	11.59	14.34	11.25	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	64QAM	10.95	11.57	14.28	11.19	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	1@99	1@0	256QAM	9.94	11.03	13.53	10.44	33.01
CA_41C	20.0	5.0	39750	39867	2506.0	2517.7	100@0	25@0	256QAM	9.74	10.90	13.37	10.28	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	QPSK	11.72	11.77	14.75	11.66	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	QPSK	11.67	11.72	14.70	11.61	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	16QAM	11.53	11.65	14.60	11.51	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	16QAM	11.44	11.53	14.50	11.41	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	64QAM	11.37	11.47	14.43	11.34	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	64QAM	11.34	11.44	14.40	11.31	33.01

CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	1@49	1@0	256QAM	10.11	10.91	13.54	10.45	33.01
CA_41C	10.0	20.0	39705	39849	2501.5	2515.9	50@0	100@0	256QAM	10.02	10.75	13.41	10.32	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	QPSK	11.58	11.69	14.65	11.56	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	QPSK	11.57	11.64	14.62	11.53	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	16QAM	11.51	11.45	14.49	11.40	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	16QAM	11.32	11.29	14.31	11.22	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	64QAM	11.22	11.20	14.22	11.13	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	64QAM	11.03	11.16	14.10	11.01	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	1@99	1@0	256QAM	9.55	10.63	13.14	10.05	33.01
CA_41C	20.0	10.0	39750	39894	2506.0	2520.4	100@0	100@0	256QAM	9.54	10.60	13.11	10.02	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	QPSK	11.62	11.63	14.63	11.54	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	QPSK	11.48	11.57	14.53	11.44	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	16QAM	11.31	11.54	14.43	11.34	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	16QAM	11.20	11.52	14.38	11.29	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	64QAM	11.03	11.34	14.20	11.11	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	64QAM	11.00	11.27	14.14	11.05	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	1@74	1@0	256QAM	10.82	9.41	13.19	10.10	33.01
CA_41C	15.0	15.0	39725	39875	2503.5	2518.5	75@0	75@0	256QAM	10.63	9.36	13.05	9.96	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	QPSK	11.86	11.85	14.87	11.78	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	QPSK	11.71	11.72	14.73	11.64	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	16QAM	11.68	11.54	14.62	11.53	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	16QAM	11.66	11.49	14.59	11.50	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	64QAM	11.58	11.44	14.52	11.43	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	64QAM	11.53	11.26	14.41	11.32	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	1@74	1@0	256QAM	10.02	9.38	12.72	9.63	33.01
CA_41C	15.0	20.0	39728	39899	2503.8	2520.9	75@0	100@0	256QAM	9.99	9.36	12.69	9.60	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	QPSK	11.69	11.94	14.83	11.74	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	QPSK	11.61	11.79	14.71	11.62	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	16QAM	11.42	11.79	14.62	11.53	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	16QAM	11.35	11.67	14.53	11.44	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	64QAM	11.21	11.48	14.36	11.27	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	64QAM	11.08	11.26	14.19	11.10	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	1@99	1@0	256QAM	10.28	10.46	13.38	10.29	33.01
CA_41C	20.0	15.0	39750	39921	2506.0	2523.1	100@0	100@0	256QAM	10.10	10.31	13.22	10.13	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	QPSK	11.80	11.95	14.89	11.80	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	QPSK	11.76	11.75	14.77	11.68	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	16QAM	11.68	11.70	14.70	11.61	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	16QAM	11.63	11.61	14.63	11.54	33.01

CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	64QAM	11.60	11.49	14.56	11.47	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	64QAM	11.58	11.47	14.54	11.45	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	1@99	1@0	256QAM	10.12	10.61	13.38	10.29	33.01
CA_41C	20.0	20.0	39750	39948	2506.0	2525.8	100@0	100@0	256QAM	10.01	10.40	13.22	10.13	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	QPSK	11.60	11.84	14.73	11.64	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	QPSK	11.43	11.78	14.62	11.53	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	16QAM	11.34	11.63	14.50	11.41	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	16QAM	11.14	11.47	14.32	11.23	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	64QAM	11.10	11.44	14.29	11.20	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	64QAM	11.07	11.32	14.21	11.12	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	1@24	1@0	256QAM	10.54	9.43	13.03	9.94	33.01
CA_41C	5.0	20.0	40528	40645	2583.8	2595.5	25@0	100@0	256QAM	10.50	9.32	12.96	9.87	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	QPSK	11.64	11.70	14.68	11.59	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	QPSK	11.45	11.62	14.55	11.46	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	16QAM	11.30	11.54	14.43	11.34	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	16QAM	11.25	11.50	14.39	11.30	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	64QAM	11.19	11.45	14.33	11.24	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	64QAM	11.15	11.27	14.22	11.13	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	1@99	1@0	256QAM	11.11	10.89	14.01	10.92	33.01
CA_41C	20.0	5.0	40595	40712	2590.5	2602.2	100@0	25@0	256QAM	11.05	10.86	13.97	10.88	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	QPSK	11.76	11.66	14.72	11.63	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	QPSK	11.66	11.49	14.59	11.50	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	16QAM	11.54	11.48	14.52	11.43	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	16QAM	11.45	11.46	14.46	11.37	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	64QAM	11.44	11.40	14.43	11.34	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	64QAM	11.27	11.33	14.31	11.22	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	1@49	1@0	256QAM	10.66	10.46	13.57	10.48	33.01
CA_41C	10.0	20.0	40526	40670	2583.6	2598.0	50@0	100@0	256QAM	10.50	10.38	13.45	10.36	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	QPSK	11.70	11.63	14.68	11.59	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	QPSK	11.66	11.56	14.62	11.53	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	16QAM	11.49	11.42	14.47	11.38	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	16QAM	11.38	11.28	14.34	11.25	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	64QAM	11.28	11.22	14.26	11.17	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	64QAM	11.24	11.15	14.21	11.12	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	1@99	1@0	256QAM	9.76	9.80	12.79	9.70	33.01
CA_41C	20.0	10.0	40571	40715	2588.1	2602.5	100@0	100@0	256QAM	9.58	9.79	12.69	9.60	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	QPSK	11.55	11.89	14.74	11.65	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	QPSK	11.44	11.71	14.59	11.50	33.01

CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	16QAM	11.36	11.69	14.54	11.45	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	16QAM	11.23	11.59	14.42	11.33	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	64QAM	11.14	11.52	14.34	11.25	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	64QAM	11.03	11.51	14.29	11.20	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	1@74	1@0	256QAM	10.74	10.69	13.73	10.64	33.01
CA_41C	15.0	15.0	40545	40695	2585.5	2600.5	75@0	75@0	256QAM	10.74	10.68	13.72	10.63	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	QPSK	11.90	11.61	14.77	11.68	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	QPSK	11.88	11.47	14.69	11.60	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	16QAM	11.72	11.46	14.60	11.51	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	16QAM	11.67	11.32	14.51	11.42	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	64QAM	11.53	11.30	14.43	11.34	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	64QAM	11.48	11.13	14.32	11.23	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	1@74	1@0	256QAM	9.94	10.95	13.48	10.39	33.01
CA_41C	15.0	20.0	40523	40694	2583.3	2600.4	75@0	100@0	256QAM	9.90	10.95	13.46	10.37	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	QPSK	11.75	11.71	14.74	11.65	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	QPSK	11.71	11.55	14.64	11.55	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	16QAM	11.60	11.45	14.53	11.44	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	16QAM	11.51	11.26	14.40	11.31	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	64QAM	11.42	11.25	14.35	11.26	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	64QAM	11.32	11.06	14.20	11.11	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	1@99	1@0	256QAM	9.49	10.25	12.89	9.80	33.01
CA_41C	20.0	15.0	40546	40717	2585.6	2602.7	100@0	100@0	256QAM	9.44	10.14	12.81	9.72	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	QPSK	11.63	11.67	14.66	11.57	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	QPSK	11.48	11.56	14.53	11.44	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	16QAM	11.37	11.41	14.40	11.31	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	16QAM	11.25	11.39	14.33	11.24	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	64QAM	11.16	11.23	14.21	11.12	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	64QAM	11.15	11.04	14.10	11.01	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	1@99	1@0	256QAM	9.55	10.44	13.03	9.94	33.01
CA_41C	20.0	20.0	40521	40719	2583.1	2602.9	100@0	100@0	256QAM	9.38	10.23	12.83	9.74	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	QPSK	11.56	11.82	14.71	11.62	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	QPSK	11.51	11.77	14.65	11.56	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	16QAM	11.33	11.68	14.52	11.43	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	16QAM	11.28	11.52	14.41	11.32	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	64QAM	11.19	11.43	14.32	11.23	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	64QAM	11.15	11.35	14.26	11.17	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	1@24	1@0	256QAM	10.83	10.97	13.91	10.82	33.01
CA_41C	5.0	20.0	41373	41490	2668.3	2680.0	25@0	100@0	256QAM	10.67	10.82	13.76	10.67	33.01

CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	QPSK	11.85	11.82	14.85	11.76	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	QPSK	11.73	11.68	14.72	11.63	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	16QAM	11.68	11.51	14.61	11.52	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	16QAM	11.59	11.39	14.50	11.41	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	64QAM	11.48	11.35	14.43	11.34	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	64QAM	11.34	11.17	14.27	11.18	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	1@99	1@0	256QAM	10.93	10.70	13.82	10.73	33.01
CA_41C	20.0	5.0	41440	41557	2675.0	2686.7	100@0	25@0	256QAM	10.87	10.54	13.72	10.63	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	QPSK	11.54	11.63	14.60	11.51	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	QPSK	11.40	11.54	14.48	11.39	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	16QAM	11.37	11.54	14.47	11.38	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	16QAM	11.33	11.42	14.39	11.30	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	64QAM	11.29	11.26	14.29	11.20	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	64QAM	11.21	11.16	14.20	11.11	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	1@49	1@0	256QAM	10.79	11.14	13.98	10.89	33.01
CA_41C	10.0	20.0	41346	41490	2665.6	2680.0	50@0	100@0	256QAM	10.61	10.93	13.78	10.69	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	QPSK	11.99	11.83	14.92	11.83	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	QPSK	11.87	11.78	14.84	11.75	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	16QAM	11.77	11.63	14.71	11.62	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	16QAM	11.62	11.48	14.56	11.47	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	64QAM	11.61	11.42	14.53	11.44	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	64QAM	11.48	11.40	14.45	11.36	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	1@99	1@0	256QAM	9.81	10.23	13.03	9.94	33.01
CA_41C	20.0	10.0	41391	41535	2670.1	2684.5	100@0	100@0	256QAM	9.72	10.16	12.96	9.87	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	QPSK	11.62	11.99	14.82	11.73	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	QPSK	11.43	11.82	14.64	11.55	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	16QAM	11.30	11.81	14.57	11.48	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	16QAM	11.24	11.71	14.49	11.40	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	64QAM	11.13	11.52	14.34	11.25	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	64QAM	10.98	11.33	14.17	11.08	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	1@74	1@0	256QAM	10.37	10.95	13.68	10.59	33.01
CA_41C	15.0	15.0	41365	41515	2667.5	2682.5	75@0	75@0	256QAM	10.34	10.94	13.67	10.58	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	QPSK	11.83	12.00	14.92	11.83	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	QPSK	11.68	11.85	14.78	11.69	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	16QAM	11.63	11.84	14.75	11.66	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	16QAM	11.57	11.84	14.72	11.63	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	64QAM	11.41	11.72	14.58	11.49	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	64QAM	11.35	11.61	14.49	11.40	33.01

CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	1@74	1@0	256QAM	10.77	10.96	13.88	10.79	33.01
CA_41C	15.0	20.0	41319	41490	2662.9	2680.0	75@0	100@0	256QAM	10.63	10.79	13.72	10.63	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	QPSK	11.93	11.58	14.77	11.68	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	QPSK	11.82	11.40	14.62	11.53	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	16QAM	11.67	11.21	14.46	11.37	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	16QAM	11.63	11.18	14.42	11.33	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	64QAM	11.59	11.05	14.34	11.25	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	64QAM	11.39	10.83	14.13	11.04	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	1@99	1@0	256QAM	10.87	10.62	13.76	10.67	33.01
CA_41C	20.0	15.0	41341	41512	2665.1	2682.2	100@0	100@0	256QAM	10.81	10.58	13.71	10.62	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	QPSK	11.89	11.86	14.88	11.79	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	QPSK	11.75	11.67	14.72	11.63	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	16QAM	11.69	11.53	14.62	11.53	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	16QAM	11.65	11.34	14.51	11.42	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	64QAM	11.51	11.29	14.41	11.32	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	64QAM	11.47	11.09	14.30	11.21	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	1@99	1@0	256QAM	11.05	9.94	13.54	10.45	33.01
CA_41C	20.0	20.0	41292	41490	2660.2	2680.0	100@0	100@0	256QAM	10.96	9.92	13.48	10.39	33.01
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	QPSK	12.41	12.20	15.32	12.28	30.00
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	QPSK	12.39	12.16	15.29	12.25	30.00
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	16QAM	12.36	12.13	15.25	12.21	30.00
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	16QAM	12.20	12.07	15.15	12.11	30.00
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	64QAM	12.15	12.06	15.12	12.08	30.00
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	64QAM	11.96	12.06	15.02	11.98	30.00
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	1@49	1@0	256QAM	11.22	11.23	14.23	11.19	30.00
CA_66C	10.0	20.0	132027	132171	1715.5	1729.9	50@0	100@0	256QAM	11.18	11.10	14.15	11.11	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	QPSK	12.29	12.24	15.28	12.24	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	QPSK	12.17	12.15	15.17	12.13	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	16QAM	12.10	11.96	15.04	12.00	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	16QAM	12.04	11.90	14.98	11.94	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	64QAM	12.01	11.70	14.87	11.83	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	64QAM	11.97	11.57	14.78	11.74	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	1@99	1@0	256QAM	10.60	11.22	13.93	10.89	30.00
CA_66C	20.0	10.0	132072	132216	1720.0	1734.4	100@0	100@0	256QAM	10.43	11.12	13.80	10.76	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	QPSK	12.01	12.10	15.06	12.02	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	QPSK	11.94	12.06	15.01	11.97	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	16QAM	11.80	12.03	14.93	11.89	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	16QAM	11.60	11.84	14.73	11.69	30.00

CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	64QAM	11.54	11.77	14.67	11.63	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	64QAM	11.50	11.64	14.58	11.54	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	1@74	1@0	256QAM	10.84	10.93	13.90	10.86	30.00
CA_66C	15.0	15.0	132047	132197	1717.5	1732.5	75@0	75@0	256QAM	10.75	10.73	13.75	10.71	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	QPSK	12.36	12.10	15.24	12.20	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	QPSK	12.27	11.96	15.13	12.09	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	16QAM	12.14	11.86	15.01	11.97	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	16QAM	12.10	11.85	14.99	11.95	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	64QAM	12.08	11.67	14.89	11.85	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	64QAM	12.07	11.57	14.84	11.80	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	1@74	1@0	256QAM	10.27	10.99	13.66	10.62	30.00
CA_66C	15.0	20.0	132050	132221	1717.8	1734.9	75@0	100@0	256QAM	10.08	10.92	13.53	10.49	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	QPSK	12.33	12.18	15.27	12.23	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	QPSK	12.18	12.16	15.18	12.14	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	16QAM	12.14	12.11	15.13	12.09	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	16QAM	12.12	12.05	15.10	12.06	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	64QAM	12.05	11.97	15.02	11.98	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	64QAM	11.86	11.77	14.82	11.78	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	1@99	1@0	256QAM	10.17	9.96	13.08	10.04	30.00
CA_66C	20.0	15.0	132072	132243	1720.0	1737.1	100@0	100@0	256QAM	9.97	9.95	12.97	9.93	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	QPSK	12.34	12.44	15.40	12.36	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	QPSK	12.33	12.35	15.35	12.31	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	16QAM	12.20	12.28	15.25	12.21	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	16QAM	12.05	12.18	15.13	12.09	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	64QAM	12.01	12.01	15.02	11.98	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	64QAM	11.88	11.92	14.91	11.87	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	1@99	1@0	256QAM	11.67	9.99	13.92	10.88	30.00
CA_66C	20.0	5.0	132072	132189	1720.0	1731.7	100@0	25@0	256QAM	11.57	9.87	13.81	10.77	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	QPSK	12.27	12.10	15.19	12.15	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	QPSK	12.20	12.08	15.15	12.11	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	16QAM	12.19	12.07	15.14	12.10	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	16QAM	12.13	11.94	15.05	12.01	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	64QAM	12.04	11.76	14.91	11.87	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	64QAM	12.02	11.64	14.84	11.80	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	1@24	1@0	256QAM	11.76	10.01	13.98	10.94	30.00
CA_66C	5.0	20.0	132005	132122	1713.3	1725.0	25@0	100@0	256QAM	11.74	9.93	13.94	10.90	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	QPSK	12.11	12.06	15.10	12.06	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	QPSK	11.97	11.87	14.93	11.89	30.00

CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	16QAM	11.84	11.76	14.81	11.77	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	16QAM	11.67	11.65	14.67	11.63	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	64QAM	11.55	11.46	14.52	11.48	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	64QAM	11.50	11.34	14.43	11.39	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	1@99	1@0	256QAM	11.23	11.26	14.25	11.21	30.00
CA_66C	20.0	20.0	132072	132270	1720.0	1739.8	100@0	100@0	256QAM	11.07	11.17	14.13	11.09	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	QPSK	12.17	12.34	15.27	12.23	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	QPSK	12.17	12.21	15.20	12.16	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	16QAM	12.14	12.04	15.10	12.06	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	16QAM	11.94	12.03	14.99	11.95	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	64QAM	11.76	11.89	14.83	11.79	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	64QAM	11.68	11.76	14.73	11.69	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	1@49	1@0	256QAM	10.35	11.08	13.74	10.70	30.00
CA_66C	10.0	20.0	132328	132472	1745.6	1760.0	50@0	100@0	256QAM	10.21	10.99	13.63	10.59	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	QPSK	12.29	12.25	15.28	12.24	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	QPSK	12.18	12.17	15.19	12.15	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	16QAM	12.04	12.08	15.07	12.03	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	16QAM	12.02	12.07	15.05	12.01	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	64QAM	11.98	12.03	15.01	11.97	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	64QAM	11.81	11.97	14.90	11.86	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	1@99	1@0	256QAM	10.42	10.83	13.64	10.60	30.00
CA_66C	20.0	10.0	132373	132517	1750.1	1764.5	100@0	100@0	256QAM	10.25	10.64	13.46	10.42	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	QPSK	12.48	12.35	15.43	12.39	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	QPSK	12.29	12.33	15.32	12.28	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	16QAM	12.14	12.14	15.15	12.11	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	16QAM	12.05	12.03	15.05	12.01	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	64QAM	11.85	12.00	14.94	11.90	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	64QAM	11.79	11.89	14.85	11.81	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	1@74	1@0	256QAM	10.90	11.11	14.02	10.98	30.00
CA_66C	15.0	15.0	132347	132497	1747.5	1762.5	75@0	75@0	256QAM	10.86	11.02	13.95	10.91	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	QPSK	12.27	12.19	15.24	12.20	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	QPSK	12.12	12.17	15.16	12.12	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	16QAM	12.12	11.98	15.06	12.02	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	16QAM	11.99	11.86	14.94	11.90	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	64QAM	11.85	11.82	14.84	11.80	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	64QAM	11.73	11.66	14.71	11.67	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	1@74	1@0	256QAM	11.47	11.57	14.53	11.49	30.00
CA_66C	15.0	20.0	132325	132496	1745.3	1762.4	75@0	100@0	256QAM	11.45	11.35	14.41	11.37	30.00

CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	QPSK	12.25	12.31	15.29	12.25	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	QPSK	12.09	12.30	15.20	12.16	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	16QAM	12.05	12.23	15.16	12.12	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	16QAM	11.92	12.07	15.01	11.97	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	64QAM	11.90	11.89	14.90	11.86	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	64QAM	11.81	11.88	14.86	11.82	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	1@99	1@0	256QAM	10.99	10.80	13.91	10.87	30.00
CA_66C	20.0	15.0	132348	132519	1747.6	1764.7	100@0	100@0	256QAM	10.80	10.73	13.78	10.74	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	QPSK	12.20	12.09	15.15	12.11	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	QPSK	12.05	11.95	15.01	11.97	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	16QAM	11.99	11.85	14.93	11.89	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	16QAM	11.98	11.76	14.88	11.84	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	64QAM	11.81	11.73	14.78	11.74	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	64QAM	11.72	11.61	14.67	11.63	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	1@99	1@0	256QAM	10.64	11.55	14.13	11.09	30.00
CA_66C	20.0	5.0	132397	132514	1752.5	1764.2	100@0	25@0	256QAM	10.63	11.46	14.07	11.03	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	QPSK	12.19	12.21	15.21	12.17	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	QPSK	12.04	12.09	15.08	12.04	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	16QAM	11.94	12.03	14.99	11.95	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	16QAM	11.74	12.01	14.89	11.85	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	64QAM	11.59	11.92	14.77	11.73	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	64QAM	11.44	11.85	14.66	11.62	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	1@24	1@0	256QAM	10.49	10.60	13.56	10.52	30.00
CA_66C	5.0	20.0	132330	132447	1745.8	1757.5	25@0	100@0	256QAM	10.44	10.41	13.44	10.40	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	QPSK	12.25	12.21	15.24	12.20	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	QPSK	12.21	12.06	15.14	12.10	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	16QAM	12.18	12.02	15.11	12.07	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	16QAM	11.99	12.01	15.01	11.97	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	64QAM	11.97	11.82	14.91	11.87	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	64QAM	11.93	11.70	14.83	11.79	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	1@99	1@0	256QAM	10.02	10.14	13.09	10.05	30.00
CA_66C	20.0	20.0	132323	132521	1745.1	1764.9	100@0	100@0	256QAM	9.95	10.07	13.02	9.98	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	QPSK	12.03	12.20	15.12	12.08	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	QPSK	11.89	12.04	14.97	11.93	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	16QAM	11.72	12.02	14.88	11.84	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	16QAM	11.70	12.00	14.86	11.82	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	64QAM	11.59	11.82	14.72	11.68	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	64QAM	11.46	11.81	14.65	11.61	30.00

CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	1@49	1@0	256QAM	10.01	10.08	13.05	10.01	30.00
CA_66C	10.0	20.0	132428	132572	1755.6	1770.0	50@0	100@0	256QAM	9.82	9.98	12.91	9.87	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	QPSK	12.33	12.42	15.38	12.34	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	QPSK	12.25	12.24	15.25	12.21	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	16QAM	12.11	12.09	15.11	12.07	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	16QAM	11.93	12.08	15.02	11.98	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	64QAM	11.75	11.95	14.86	11.82	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	64QAM	11.65	11.77	14.72	11.68	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	1@99	1@0	256QAM	11.59	10.37	14.03	10.99	30.00
CA_66C	20.0	10.0	132473	132617	1760.1	1774.5	100@0	100@0	256QAM	11.58	10.15	13.93	10.89	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	QPSK	12.26	12.49	15.39	12.35	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	QPSK	12.16	12.49	15.34	12.30	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	16QAM	11.98	12.41	15.21	12.17	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	16QAM	11.83	12.25	15.05	12.01	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	64QAM	11.77	12.23	15.01	11.97	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	64QAM	11.73	12.03	14.89	11.85	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	1@74	1@0	256QAM	10.81	11.95	14.43	11.39	30.00
CA_66C	15.0	15.0	132447	132597	1757.5	1772.5	75@0	75@0	256QAM	10.70	11.84	14.32	11.28	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	QPSK	12.26	12.04	15.16	12.12	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	QPSK	12.20	11.97	15.10	12.06	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	16QAM	12.06	11.95	15.02	11.98	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	16QAM	11.92	11.82	14.88	11.84	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	64QAM	11.85	11.73	14.80	11.76	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	64QAM	11.82	11.67	14.75	11.71	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	1@74	1@0	256QAM	11.13	9.95	13.59	10.55	30.00
CA_66C	15.0	20.0	132401	132572	1752.9	1770.0	75@0	100@0	256QAM	11.07	9.86	13.52	10.48	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	QPSK	12.44	12.07	15.27	12.23	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	QPSK	12.29	11.97	15.15	12.11	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	16QAM	12.13	11.96	15.06	12.02	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	16QAM	12.12	11.81	14.98	11.94	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	64QAM	11.92	11.75	14.85	11.81	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	64QAM	11.86	11.62	14.75	11.71	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	1@99	1@0	256QAM	10.65	10.92	13.80	10.76	30.00
CA_66C	20.0	15.0	132423	132594	1755.1	1772.2	100@0	100@0	256QAM	10.60	10.87	13.74	10.70	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	QPSK	12.33	12.32	15.33	12.29	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	QPSK	12.28	12.23	15.26	12.22	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	16QAM	12.25	12.11	15.19	12.15	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	16QAM	12.12	12.09	15.12	12.08	30.00

CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	64QAM	12.09	12.05	15.08	12.04	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	64QAM	12.09	11.84	14.98	11.94	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	1@99	1@0	256QAM	10.19	10.22	13.22	10.18	30.00
CA_66C	20.0	5.0	132522	132639	1765.0	1776.7	100@0	25@0	256QAM	10.18	10.11	13.16	10.12	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	QPSK	12.36	12.35	15.37	12.33	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	QPSK	12.18	12.20	15.20	12.16	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	16QAM	12.04	12.16	15.11	12.07	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	16QAM	11.98	12.09	15.04	12.00	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	64QAM	11.85	12.08	14.97	11.93	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	64QAM	11.81	11.87	14.85	11.81	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	1@24	1@0	256QAM	10.63	10.14	13.40	10.36	30.00
CA_66C	5.0	20.0	132455	132572	1758.3	1770.0	25@0	100@0	256QAM	10.53	9.93	13.25	10.21	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	QPSK	12.08	12.48	15.29	12.25	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	QPSK	11.92	12.39	15.17	12.13	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	16QAM	11.87	12.36	15.13	12.09	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	16QAM	11.70	12.28	15.01	11.97	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	64QAM	11.65	12.16	14.93	11.89	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	64QAM	11.54	12.15	14.87	11.83	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	1@99	1@0	256QAM	10.49	11.81	14.21	11.17	30.00
CA_66C	20.0	20.0	132374	132572	1750.2	1770.0	100@0	100@0	256QAM	10.42	11.65	14.09	11.05	30.00