

Appendix A: Test Result - n77(3.7G)

1. Conducted Output Power

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	GT - Lc (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	22.15	-1.8	20.35	108.39	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	22.19	-1.8	20.39	109.4	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	22.11	-1.8	20.31	107.4	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	22.11	-1.8	20.31	107.4	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	22.17	-1.8	20.37	108.89	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	22.17	-1.8	20.37	108.89	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	22.12	-1.8	20.32	107.65	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	22.09	-1.8	20.29	106.91	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_16QAM	20.62	-1.8	18.82	76.21	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_16QAM	21.69	-1.8	19.89	97.5	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_16QAM	21.53	-1.8	19.73	93.97	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_16QAM	21.54	-1.8	19.74	94.19	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_64QAM	19.56	-1.8	17.76	59.7	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_64QAM	19.63	-1.8	17.83	60.67	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_64QAM	19.44	-1.8	17.64	58.08	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_64QAM	19.46	-1.8	17.66	58.34	1000	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_256QAM	17.23	-1.8	15.43	34.91	1000	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_256QAM	17.74	-1.8	15.94	39.26	1000	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_256QAM	17.78	-1.8	15.98	39.63	1000	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_256QAM	17.76	-1.8	15.96	39.45	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	19.1	-1.8	17.3	53.7	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	21.66	-1.8	19.86	96.83	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	21.64	-1.8	19.84	96.38	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	21.64	-1.8	19.84	96.38	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_16QAM	19.12	-1.8	17.32	53.95	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_16QAM	20.23	-1.8	18.43	69.66	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_16QAM	20.23	-1.8	18.43	69.66	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_16QAM	20.24	-1.8	18.44	69.82	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_64QAM	18.59	-1.8	16.79	47.75	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_64QAM	18.46	-1.8	16.66	46.34	1000	PASS
n77(3700-3980)	30	10	647000	1@1	CP_64QAM	18.61	-1.8	16.81	47.97	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_64QAM	18.2	-1.8	16.4	43.65	1000	PASS
n77(3700-3980)	30	10	647000	24@0	CP_256QAM	15.78	-1.8	13.98	25	1000	PASS
n77(3700-3980)	30	10	647000	12@6	CP_256QAM	15.8	-1.8	14	25.12	1000	PASS



n77(3700-3980)	30	10	647000	1@1	CP_256QAM	15.68	-1.8	13.88	24.43	1000	PASS
n77(3700-3980)	30	10	647000	1@22	CP_256QAM	15.65	-1.8	13.85	24.27	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	22.33	-1.8	20.53	112.98	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	22.36	-1.8	20.56	113.76	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	22.22	-1.8	20.42	110.15	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	22.38	-1.8	20.58	114.29	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	22.34	-1.8	20.54	113.24	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	22.37	-1.8	20.57	114.02	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	22.17	-1.8	20.37	108.89	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	22.32	-1.8	20.52	112.72	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_16QAM	20.81	-1.8	19.01	79.62	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_16QAM	21.86	-1.8	20.06	101.39	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_16QAM	21.88	-1.8	20.08	101.86	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_16QAM	22	-1.8	20.2	104.71	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_64QAM	19.78	-1.8	17.98	62.81	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_64QAM	19.82	-1.8	18.02	63.39	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_64QAM	19.57	-1.8	17.77	59.84	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_64QAM	19.7	-1.8	17.9	61.66	1000	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_256QAM	17.49	-1.8	15.69	37.07	1000	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_256QAM	17.71	-1.8	15.91	38.99	1000	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_256QAM	17.73	-1.8	15.93	39.17	1000	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_256QAM	17.88	-1.8	16.08	40.55	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	19.25	-1.8	17.45	55.59	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	21.82	-1.8	20.02	100.46	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	21.72	-1.8	19.92	98.17	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	21.86	-1.8	20.06	101.39	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_16QAM	19.27	-1.8	17.47	55.85	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_16QAM	20.41	-1.8	18.61	72.61	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_16QAM	20.26	-1.8	18.46	70.15	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_16QAM	20.41	-1.8	18.61	72.61	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_64QAM	18.81	-1.8	17.01	50.23	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_64QAM	18.88	-1.8	17.08	51.05	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_64QAM	18.87	-1.8	17.07	50.93	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_64QAM	19.02	-1.8	17.22	52.72	1000	PASS
n77(3700-3980)	30	10	656000	24@0	CP_256QAM	15.92	-1.8	14.12	25.82	1000	PASS
n77(3700-3980)	30	10	656000	12@6	CP_256QAM	15.92	-1.8	14.12	25.82	1000	PASS
n77(3700-3980)	30	10	656000	1@1	CP_256QAM	15.94	-1.8	14.14	25.94	1000	PASS
n77(3700-3980)	30	10	656000	1@22	CP_256QAM	16.06	-1.8	14.26	26.67	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	22.56	-1.8	20.76	119.12	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	22.61	-1.8	20.81	120.5	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	22.4	-1.8	20.6	114.82	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	22.65	-1.8	20.85	121.62	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	22.6	-1.8	20.8	120.23	1000	PASS



n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	22.59	-1.8	20.79	119.95	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	22.4	-1.8	20.6	114.82	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	22.63	-1.8	20.83	121.06	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_16QAM	21.09	-1.8	19.29	84.92	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_16QAM	22.11	-1.8	20.31	107.4	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_16QAM	21.96	-1.8	20.16	103.75	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_16QAM	22.19	-1.8	20.39	109.4	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_64QAM	20.01	-1.8	18.21	66.22	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_64QAM	20.06	-1.8	18.26	66.99	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_64QAM	19.71	-1.8	17.91	61.8	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_64QAM	19.94	-1.8	18.14	65.16	1000	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_256QAM	17.56	-1.8	15.76	37.67	1000	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_256QAM	17.99	-1.8	16.19	41.59	1000	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_256QAM	17.66	-1.8	15.86	38.55	1000	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_256QAM	18.19	-1.8	16.39	43.55	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	19.56	-1.8	17.76	59.7	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	22.04	-1.8	20.24	105.68	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	21.82	-1.8	20.02	100.46	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	22.02	-1.8	20.22	105.2	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_16QAM	19.51	-1.8	17.71	59.02	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_16QAM	20.63	-1.8	18.83	76.38	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_16QAM	20.47	-1.8	18.67	73.62	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_16QAM	20.65	-1.8	18.85	76.74	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_64QAM	19.07	-1.8	17.27	53.33	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_64QAM	19.15	-1.8	17.35	54.33	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_64QAM	19.03	-1.8	17.23	52.84	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_64QAM	19.25	-1.8	17.45	55.59	1000	PASS
n77(3700-3980)	30	10	665000	24@0	CP_256QAM	16.2	-1.8	14.4	27.54	1000	PASS
n77(3700-3980)	30	10	665000	12@6	CP_256QAM	16.19	-1.8	14.39	27.48	1000	PASS
n77(3700-3980)	30	10	665000	1@1	CP_256QAM	16.09	-1.8	14.29	26.85	1000	PASS
n77(3700-3980)	30	10	665000	1@22	CP_256QAM	16.34	-1.8	14.54	28.44	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	22.22	-1.8	20.42	110.15	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	22.26	-1.8	20.46	111.17	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	22.13	-1.8	20.33	107.89	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	22.1	-1.8	20.3	107.15	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	22.23	-1.8	20.43	110.41	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	22.27	-1.8	20.47	111.43	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	22.13	-1.8	20.33	107.89	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	22.1	-1.8	20.3	107.15	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_16QAM	20.69	-1.8	18.89	77.45	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_16QAM	21.7	-1.8	19.9	97.72	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_16QAM	21.59	-1.8	19.79	95.28	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_16QAM	21.61	-1.8	19.81	95.72	1000	PASS



n77(3700-3980)	30	15	647168	36@0	DFT_64QAM	19.68	-1.8	17.88	61.38	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_64QAM	19.71	-1.8	17.91	61.8	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_64QAM	19.38	-1.8	17.58	57.28	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_64QAM	19.37	-1.8	17.57	57.15	1000	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_256QAM	17.77	-1.8	15.97	39.54	1000	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_256QAM	17.79	-1.8	15.99	39.72	1000	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_256QAM	17.76	-1.8	15.96	39.45	1000	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_256QAM	17.73	-1.8	15.93	39.17	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	19.18	-1.8	17.38	54.7	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	21.71	-1.8	19.91	97.95	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	21.59	-1.8	19.79	95.28	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	21.57	-1.8	19.77	94.84	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_16QAM	19.14	-1.8	17.34	54.2	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_16QAM	20.23	-1.8	18.43	69.66	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_16QAM	20.19	-1.8	18.39	69.02	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_16QAM	20.16	-1.8	18.36	68.55	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_64QAM	18.71	-1.8	16.91	49.09	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_64QAM	18.66	-1.8	16.86	48.53	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_64QAM	18.68	-1.8	16.88	48.75	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_64QAM	18.64	-1.8	16.84	48.31	1000	PASS
n77(3700-3980)	30	15	647168	38@0	CP_256QAM	15.79	-1.8	13.99	25.06	1000	PASS
n77(3700-3980)	30	15	647168	19@9	CP_256QAM	15.78	-1.8	13.98	25	1000	PASS
n77(3700-3980)	30	15	647168	1@1	CP_256QAM	15.81	-1.8	14.01	25.18	1000	PASS
n77(3700-3980)	30	15	647168	1@36	CP_256QAM	15.6	-1.8	13.8	23.99	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	22.4	-1.8	20.6	114.82	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	22.42	-1.8	20.62	115.35	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	22.2	-1.8	20.4	109.65	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	22.43	-1.8	20.63	115.61	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	22.36	-1.8	20.56	113.76	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	22.41	-1.8	20.61	115.08	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	22.14	-1.8	20.34	108.14	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	22.34	-1.8	20.54	113.24	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_16QAM	20.85	-1.8	19.05	80.35	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_16QAM	21.86	-1.8	20.06	101.39	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_16QAM	21.85	-1.8	20.05	101.16	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_16QAM	22.07	-1.8	20.27	106.41	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_64QAM	19.87	-1.8	18.07	64.12	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_64QAM	19.85	-1.8	18.05	63.83	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_64QAM	19.48	-1.8	17.68	58.61	1000	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_64QAM	19.67	-1.8	17.87	61.24	1000	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_256QAM	17.85	-1.8	16.05	40.27	1000	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_256QAM	17.41	-1.8	15.61	36.39	1000	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_256QAM	17.84	-1.8	16.04	40.18	1000	PASS



n77(3700-3980)	30	15	656000	1@36	DFT_256QAM	17.7	-1.8	15.9	38.9	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	19.32	-1.8	17.52	56.49	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	21.81	-1.8	20.01	100.23	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	21.76	-1.8	19.96	99.08	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	21.93	-1.8	20.13	103.04	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_16QAM	19.35	-1.8	17.55	56.89	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_16QAM	20.34	-1.8	18.54	71.45	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_16QAM	20.22	-1.8	18.42	69.5	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_16QAM	20.41	-1.8	18.61	72.61	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_64QAM	18.86	-1.8	17.06	50.82	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_64QAM	18.83	-1.8	17.03	50.47	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_64QAM	18.79	-1.8	16.99	50	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_64QAM	18.98	-1.8	17.18	52.24	1000	PASS
n77(3700-3980)	30	15	656000	38@0	CP_256QAM	15.96	-1.8	14.16	26.06	1000	PASS
n77(3700-3980)	30	15	656000	19@9	CP_256QAM	15.93	-1.8	14.13	25.88	1000	PASS
n77(3700-3980)	30	15	656000	1@1	CP_256QAM	15.91	-1.8	14.11	25.76	1000	PASS
n77(3700-3980)	30	15	656000	1@36	CP_256QAM	16.13	-1.8	14.33	27.1	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	22.55	-1.8	20.75	118.85	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	22.55	-1.8	20.75	118.85	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	22.3	-1.8	20.5	112.2	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	22.63	-1.8	20.83	121.06	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	22.53	-1.8	20.73	118.3	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	22.54	-1.8	20.74	118.58	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	22.27	-1.8	20.47	111.43	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	22.6	-1.8	20.8	120.23	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_16QAM	21.08	-1.8	19.28	84.72	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_16QAM	22	-1.8	20.2	104.71	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_16QAM	21.73	-1.8	19.93	98.4	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_16QAM	22.08	-1.8	20.28	106.66	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_64QAM	20.02	-1.8	18.22	66.37	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_64QAM	20.04	-1.8	18.24	66.68	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_64QAM	19.58	-1.8	17.78	59.98	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_64QAM	19.92	-1.8	18.12	64.86	1000	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_256QAM	17.97	-1.8	16.17	41.4	1000	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_256QAM	17.93	-1.8	16.13	41.02	1000	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_256QAM	17.78	-1.8	15.98	39.63	1000	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_256QAM	18.13	-1.8	16.33	42.95	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	19.53	-1.8	17.73	59.29	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	22.04	-1.8	20.24	105.68	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	21.71	-1.8	19.91	97.95	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	22	-1.8	20.2	104.71	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_16QAM	19.46	-1.8	17.66	58.34	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_16QAM	20.5	-1.8	18.7	74.13	1000	PASS



n77(3700-3980)	30	15	664832	1@1	CP_16QAM	20.34	-1.8	18.54	71.45	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_16QAM	20.67	-1.8	18.87	77.09	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_64QAM	19.07	-1.8	17.27	53.33	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_64QAM	19	-1.8	17.2	52.48	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_64QAM	18.86	-1.8	17.06	50.82	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_64QAM	19.19	-1.8	17.39	54.83	1000	PASS
n77(3700-3980)	30	15	664832	38@0	CP_256QAM	16.14	-1.8	14.34	27.16	1000	PASS
n77(3700-3980)	30	15	664832	19@9	CP_256QAM	16.11	-1.8	14.31	26.98	1000	PASS
n77(3700-3980)	30	15	664832	1@1	CP_256QAM	16	-1.8	14.2	26.3	1000	PASS
n77(3700-3980)	30	15	664832	1@36	CP_256QAM	16.32	-1.8	14.52	28.31	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	22.19	-1.8	20.39	109.4	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	22.22	-1.8	20.42	110.15	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	22.07	-1.8	20.27	106.41	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	22.03	-1.8	20.23	105.44	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	22.21	-1.8	20.41	109.9	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	22.21	-1.8	20.41	109.9	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	22.1	-1.8	20.3	107.15	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	22.03	-1.8	20.23	105.44	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_16QAM	20.65	-1.8	18.85	76.74	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_16QAM	21.67	-1.8	19.87	97.05	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_16QAM	21.58	-1.8	19.78	95.06	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_16QAM	21.52	-1.8	19.72	93.76	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_64QAM	19.65	-1.8	17.85	60.95	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_64QAM	19.69	-1.8	17.89	61.52	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_64QAM	19.35	-1.8	17.55	56.89	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_64QAM	19.28	-1.8	17.48	55.98	1000	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_256QAM	17.78	-1.8	15.98	39.63	1000	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_256QAM	17.85	-1.8	16.05	40.27	1000	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_256QAM	17.72	-1.8	15.92	39.08	1000	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_256QAM	17.65	-1.8	15.85	38.46	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	19.11	-1.8	17.31	53.83	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	21.67	-1.8	19.87	97.05	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	21.6	-1.8	19.8	95.5	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	21.54	-1.8	19.74	94.19	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_16QAM	19.09	-1.8	17.29	53.58	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_16QAM	20.22	-1.8	18.42	69.5	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_16QAM	20.09	-1.8	18.29	67.45	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_16QAM	20.01	-1.8	18.21	66.22	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_64QAM	18.58	-1.8	16.78	47.64	1000	PASS
n77(3700-3980)	30	20	647334	25@12	CP_64QAM	18.68	-1.8	16.88	48.75	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_64QAM	18.66	-1.8	16.86	48.53	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_64QAM	18.59	-1.8	16.79	47.75	1000	PASS
n77(3700-3980)	30	20	647334	51@0	CP_256QAM	15.78	-1.8	13.98	25	1000	PASS



n77(3700-3980)	30	20	647334	25@12	CP_256QAM	15.82	-1.8	14.02	25.23	1000	PASS
n77(3700-3980)	30	20	647334	1@1	CP_256QAM	15.79	-1.8	13.99	25.06	1000	PASS
n77(3700-3980)	30	20	647334	1@49	CP_256QAM	15.7	-1.8	13.9	24.55	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	22.43	-1.8	20.63	115.61	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	22.41	-1.8	20.61	115.08	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	22.17	-1.8	20.37	108.89	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	22.43	-1.8	20.63	115.61	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	22.39	-1.8	20.59	114.55	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	22.39	-1.8	20.59	114.55	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	22.17	-1.8	20.37	108.89	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	22.42	-1.8	20.62	115.35	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	20.84	-1.8	19.04	80.17	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_16QAM	21.89	-1.8	20.09	102.09	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_16QAM	21.67	-1.8	19.87	97.05	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_16QAM	21.95	-1.8	20.15	103.51	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	19.87	-1.8	18.07	64.12	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_64QAM	19.91	-1.8	18.11	64.71	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_64QAM	19.47	-1.8	17.67	58.48	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_64QAM	19.74	-1.8	17.94	62.23	1000	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	17.83	-1.8	16.03	40.09	1000	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_256QAM	17.88	-1.8	16.08	40.55	1000	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_256QAM	17.77	-1.8	15.97	39.54	1000	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_256QAM	17.92	-1.8	16.12	40.93	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	19.32	-1.8	17.52	56.49	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	21.91	-1.8	20.11	102.57	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	21.67	-1.8	19.87	97.05	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	21.86	-1.8	20.06	101.39	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_16QAM	19.33	-1.8	17.53	56.62	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_16QAM	20.35	-1.8	18.55	71.61	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_16QAM	20.25	-1.8	18.45	69.98	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_16QAM	20.48	-1.8	18.68	73.79	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_64QAM	18.83	-1.8	17.03	50.47	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_64QAM	18.91	-1.8	17.11	51.4	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_64QAM	18.62	-1.8	16.82	48.08	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_64QAM	18.85	-1.8	17.05	50.7	1000	PASS
n77(3700-3980)	30	20	656000	51@0	CP_256QAM	15.99	-1.8	14.19	26.24	1000	PASS
n77(3700-3980)	30	20	656000	25@12	CP_256QAM	15.98	-1.8	14.18	26.18	1000	PASS
n77(3700-3980)	30	20	656000	1@1	CP_256QAM	15.71	-1.8	13.91	24.6	1000	PASS
n77(3700-3980)	30	20	656000	1@49	CP_256QAM	16.03	-1.8	14.23	26.49	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	22.49	-1.8	20.69	117.22	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	22.53	-1.8	20.73	118.3	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	22.18	-1.8	20.38	109.14	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	22.59	-1.8	20.79	119.95	1000	PASS



n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	22.51	-1.8	20.71	117.76	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	22.5	-1.8	20.7	117.49	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	22.2	-1.8	20.4	109.65	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	22.57	-1.8	20.77	119.4	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_16QAM	20.96	-1.8	19.16	82.41	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_16QAM	22	-1.8	20.2	104.71	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_16QAM	21.66	-1.8	19.86	96.83	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_16QAM	22.08	-1.8	20.28	106.66	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_64QAM	19.99	-1.8	18.19	65.92	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_64QAM	20.05	-1.8	18.25	66.83	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_64QAM	19.52	-1.8	17.72	59.16	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_64QAM	19.9	-1.8	18.1	64.57	1000	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_256QAM	17.93	-1.8	16.13	41.02	1000	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_256QAM	18	-1.8	16.2	41.69	1000	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_256QAM	17.68	-1.8	15.88	38.73	1000	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_256QAM	18.1	-1.8	16.3	42.66	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	19.42	-1.8	17.62	57.81	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	22	-1.8	20.2	104.71	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	21.58	-1.8	19.78	95.06	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	21.97	-1.8	20.17	103.99	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_16QAM	19.45	-1.8	17.65	58.21	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_16QAM	20.51	-1.8	18.71	74.3	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_16QAM	20.26	-1.8	18.46	70.15	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_16QAM	20.68	-1.8	18.88	77.27	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_64QAM	18.91	-1.8	17.11	51.4	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_64QAM	19.01	-1.8	17.21	52.6	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_64QAM	18.76	-1.8	16.96	49.66	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_64QAM	19.19	-1.8	17.39	54.83	1000	PASS
n77(3700-3980)	30	20	664666	51@0	CP_256QAM	16.08	-1.8	14.28	26.79	1000	PASS
n77(3700-3980)	30	20	664666	25@12	CP_256QAM	16.12	-1.8	14.32	27.04	1000	PASS
n77(3700-3980)	30	20	664666	1@1	CP_256QAM	15.9	-1.8	14.1	25.7	1000	PASS
n77(3700-3980)	30	20	664666	1@49	CP_256QAM	16.27	-1.8	14.47	27.99	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	22.11	-1.8	20.31	107.4	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	22.25	-1.8	20.45	110.92	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	21.78	-1.8	19.98	99.54	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	21.81	-1.8	20.01	100.23	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	22.11	-1.8	20.31	107.4	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	22.24	-1.8	20.44	110.66	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	21.8	-1.8	20	100	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	21.79	-1.8	19.99	99.77	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_16QAM	20.56	-1.8	18.76	75.16	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_16QAM	21.69	-1.8	19.89	97.5	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_16QAM	21.29	-1.8	19.49	88.92	1000	PASS



n77(3700-3980)	30	40	648000	1@104	DFT_16QAM	21.28	-1.8	19.48	88.72	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_64QAM	19.56	-1.8	17.76	59.7	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_64QAM	19.71	-1.8	17.91	61.8	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_64QAM	19.1	-1.8	17.3	53.7	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_64QAM	19.09	-1.8	17.29	53.58	1000	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_256QAM	17.73	-1.8	15.93	39.17	1000	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_256QAM	17.84	-1.8	16.04	40.18	1000	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_256QAM	17.39	-1.8	15.59	36.22	1000	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_256QAM	17.42	-1.8	15.62	36.48	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	19.03	-1.8	17.23	52.84	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	21.7	-1.8	19.9	97.72	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	21.33	-1.8	19.53	89.74	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	21.3	-1.8	19.5	89.13	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_16QAM	19.05	-1.8	17.25	53.09	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_16QAM	20.18	-1.8	18.38	68.87	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_16QAM	19.87	-1.8	18.07	64.12	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_16QAM	19.88	-1.8	18.08	64.27	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_64QAM	18.54	-1.8	16.74	47.21	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_64QAM	18.7	-1.8	16.9	48.98	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_64QAM	18.53	-1.8	16.73	47.1	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_64QAM	18.42	-1.8	16.62	45.92	1000	PASS
n77(3700-3980)	30	40	648000	106@0	CP_256QAM	15.36	-1.8	13.56	22.7	1000	PASS
n77(3700-3980)	30	40	648000	53@26	CP_256QAM	15.77	-1.8	13.97	24.95	1000	PASS
n77(3700-3980)	30	40	648000	1@1	CP_256QAM	15.55	-1.8	13.75	23.71	1000	PASS
n77(3700-3980)	30	40	648000	1@104	CP_256QAM	15.45	-1.8	13.65	23.17	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	22.3	-1.8	20.5	112.2	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	22.38	-1.8	20.58	114.29	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	21.7	-1.8	19.9	97.72	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	22.17	-1.8	20.37	108.89	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	22.28	-1.8	20.48	111.69	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	22.39	-1.8	20.59	114.55	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	21.69	-1.8	19.89	97.5	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	22.14	-1.8	20.34	108.14	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_16QAM	20.74	-1.8	18.94	78.34	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_16QAM	21.87	-1.8	20.07	101.62	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_16QAM	21.19	-1.8	19.39	86.9	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_16QAM	21.66	-1.8	19.86	96.83	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_64QAM	19.74	-1.8	17.94	62.23	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_64QAM	19.89	-1.8	18.09	64.42	1000	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_64QAM	19.06	-1.8	17.26	53.21	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_64QAM	19.56	-1.8	17.76	59.7	1000	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_256QAM	17.9	-1.8	16.1	40.74	1000	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_256QAM	18	-1.8	16.2	41.69	1000	PASS



n77(3700-3980)	30	40	656000	1@1	DFT_256QAM	17.31	-1.8	15.51	35.56	1000	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_256QAM	17.72	-1.8	15.92	39.08	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	19.23	-1.8	17.43	55.34	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	21.88	-1.8	20.08	101.86	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	21.21	-1.8	19.41	87.3	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	21.66	-1.8	19.86	96.83	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_16QAM	19.23	-1.8	17.43	55.34	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_16QAM	20.34	-1.8	18.54	71.45	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_16QAM	19.78	-1.8	17.98	62.81	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_16QAM	20.28	-1.8	18.48	70.47	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_64QAM	18.72	-1.8	16.92	49.2	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_64QAM	18.87	-1.8	17.07	50.93	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_64QAM	18.31	-1.8	16.51	44.77	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_64QAM	18.87	-1.8	17.07	50.93	1000	PASS
n77(3700-3980)	30	40	656000	106@0	CP_256QAM	15.87	-1.8	14.07	25.53	1000	PASS
n77(3700-3980)	30	40	656000	53@26	CP_256QAM	15.97	-1.8	14.17	26.12	1000	PASS
n77(3700-3980)	30	40	656000	1@1	CP_256QAM	15.39	-1.8	13.59	22.86	1000	PASS
n77(3700-3980)	30	40	656000	1@104	CP_256QAM	15.87	-1.8	14.07	25.53	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	22.25	-1.8	20.45	110.92	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	22.41	-1.8	20.61	115.08	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	21.42	-1.8	19.62	91.62	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	22.33	-1.8	20.53	112.98	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	22.2	-1.8	20.4	109.65	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	22.37	-1.8	20.57	114.02	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	21.43	-1.8	19.63	91.83	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	22.32	-1.8	20.52	112.72	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_16QAM	20.71	-1.8	18.91	77.8	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_16QAM	21.85	-1.8	20.05	101.16	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_16QAM	21.01	-1.8	19.21	83.37	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_16QAM	21.87	-1.8	20.07	101.62	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_64QAM	19.72	-1.8	17.92	61.94	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_64QAM	19.88	-1.8	18.08	64.27	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_64QAM	18.82	-1.8	17.02	50.35	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_64QAM	19.72	-1.8	17.92	61.94	1000	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_256QAM	17.74	-1.8	15.94	39.26	1000	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_256QAM	17.88	-1.8	16.08	40.55	1000	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_256QAM	16.95	-1.8	15.15	32.73	1000	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_256QAM	17.91	-1.8	16.11	40.83	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	19.22	-1.8	17.42	55.21	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	21.82	-1.8	20.02	100.46	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	20.87	-1.8	19.07	80.72	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	21.75	-1.8	19.95	98.86	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_16QAM	19.2	-1.8	17.4	54.95	1000	PASS



n77(3700-3980)	30	40	664000	53@26	CP_16QAM	20.36	-1.8	18.56	71.78	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_16QAM	19.48	-1.8	17.68	58.61	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_16QAM	20.36	-1.8	18.56	71.78	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_64QAM	18.71	-1.8	16.91	49.09	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_64QAM	18.87	-1.8	17.07	50.93	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_64QAM	18.02	-1.8	16.22	41.88	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_64QAM	18.85	-1.8	17.05	50.7	1000	PASS
n77(3700-3980)	30	40	664000	106@0	CP_256QAM	15.86	-1.8	14.06	25.47	1000	PASS
n77(3700-3980)	30	40	664000	53@26	CP_256QAM	15.98	-1.8	14.18	26.18	1000	PASS
n77(3700-3980)	30	40	664000	1@1	CP_256QAM	14.97	-1.8	13.17	20.75	1000	PASS
n77(3700-3980)	30	40	664000	1@104	CP_256QAM	15.91	-1.8	14.11	25.76	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	22.27	-1.8	20.47	111.43	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	22.3	-1.8	20.5	112.2	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	22.11	-1.8	20.31	107.4	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	22.27	-1.8	20.47	111.43	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	22.25	-1.8	20.45	110.92	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	22.28	-1.8	20.48	111.69	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	22.06	-1.8	20.26	106.17	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	22.23	-1.8	20.43	110.41	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_16QAM	20.7	-1.8	18.9	77.62	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_16QAM	21.77	-1.8	19.97	99.31	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_16QAM	21.73	-1.8	19.93	98.4	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_16QAM	21.9	-1.8	20.1	102.33	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_64QAM	19.7	-1.8	17.9	61.66	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_64QAM	19.75	-1.8	17.95	62.37	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_64QAM	19.41	-1.8	17.61	57.68	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_64QAM	19.59	-1.8	17.79	60.12	1000	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_256QAM	17.88	-1.8	16.08	40.55	1000	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_256QAM	17.87	-1.8	16.07	40.46	1000	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_256QAM	17.75	-1.8	15.95	39.36	1000	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_256QAM	17.92	-1.8	16.12	40.93	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	19.23	-1.8	17.43	55.34	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	21.81	-1.8	20.01	100.23	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	21.56	-1.8	19.76	94.62	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	21.73	-1.8	19.93	98.4	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_16QAM	19.23	-1.8	17.43	55.34	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_16QAM	20.3	-1.8	18.5	70.79	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_16QAM	20.18	-1.8	18.38	68.87	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_16QAM	20.3	-1.8	18.5	70.79	1000	PASS
n77(3700-3980)	30	50	648334	133@0	CP_64QAM	18.74	-1.8	16.94	49.43	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_64QAM	18.8	-1.8	17	50.12	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_64QAM	18.91	-1.8	17.11	51.4	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_64QAM	18.88	-1.8	17.08	51.05	1000	PASS



n77(3700-3980)	30	50	648334	133@0	CP_256QAM	15.88	-1.8	14.08	25.59	1000	PASS
n77(3700-3980)	30	50	648334	67@33	CP_256QAM	15.89	-1.8	14.09	25.64	1000	PASS
n77(3700-3980)	30	50	648334	1@1	CP_256QAM	15.8	-1.8	14	25.12	1000	PASS
n77(3700-3980)	30	50	648334	1@131	CP_256QAM	15.95	-1.8	14.15	26	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	22.39	-1.8	20.59	114.55	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	22.44	-1.8	20.64	115.88	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	21.9	-1.8	20.1	102.33	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	22.53	-1.8	20.73	118.3	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	22.34	-1.8	20.54	113.24	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	22.45	-1.8	20.65	116.14	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	21.91	-1.8	20.11	102.57	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	22.53	-1.8	20.73	118.3	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_16QAM	20.84	-1.8	19.04	80.17	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_16QAM	21.95	-1.8	20.15	103.51	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_16QAM	21.38	-1.8	19.58	90.78	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_16QAM	22.02	-1.8	20.22	105.2	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_64QAM	19.8	-1.8	18	63.1	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_64QAM	19.89	-1.8	18.09	64.42	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_64QAM	19.23	-1.8	17.43	55.34	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_64QAM	19.81	-1.8	18.01	63.24	1000	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_256QAM	17.99	-1.8	16.19	41.59	1000	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_256QAM	18.03	-1.8	16.23	41.98	1000	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_256QAM	17.53	-1.8	15.73	37.41	1000	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_256QAM	18.02	-1.8	16.22	41.88	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	19.36	-1.8	17.56	57.02	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	21.93	-1.8	20.13	103.04	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	21.4	-1.8	19.6	91.2	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	22	-1.8	20.2	104.71	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_16QAM	19.37	-1.8	17.57	57.15	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_16QAM	20.43	-1.8	18.63	72.95	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_16QAM	19.98	-1.8	18.18	65.77	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_16QAM	20.59	-1.8	18.79	75.68	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_64QAM	18.87	-1.8	17.07	50.93	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_64QAM	18.96	-1.8	17.16	52	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_64QAM	18.54	-1.8	16.74	47.21	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_64QAM	19.13	-1.8	17.33	54.08	1000	PASS
n77(3700-3980)	30	50	656000	133@0	CP_256QAM	15.99	-1.8	14.19	26.24	1000	PASS
n77(3700-3980)	30	50	656000	67@33	CP_256QAM	16.02	-1.8	14.22	26.42	1000	PASS
n77(3700-3980)	30	50	656000	1@1	CP_256QAM	15.61	-1.8	13.81	24.04	1000	PASS
n77(3700-3980)	30	50	656000	1@131	CP_256QAM	16.19	-1.8	14.39	27.48	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	22.08	-1.8	20.28	106.66	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	22.13	-1.8	20.33	107.89	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	21.6	-1.8	19.8	95.5	1000	PASS



n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	22.48	-1.8	20.68	116.95	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	22.08	-1.8	20.28	106.66	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	22.18	-1.8	20.38	109.14	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	21.62	-1.8	19.82	95.94	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	22.45	-1.8	20.65	116.14	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_16QAM	20.54	-1.8	18.74	74.82	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_16QAM	21.61	-1.8	19.81	95.72	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_16QAM	21.15	-1.8	19.35	86.1	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_16QAM	21.96	-1.8	20.16	103.75	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_64QAM	19.53	-1.8	17.73	59.29	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_64QAM	19.62	-1.8	17.82	60.53	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_64QAM	18.93	-1.8	17.13	51.64	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_64QAM	19.79	-1.8	17.99	62.95	1000	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_256QAM	17.54	-1.8	15.74	37.5	1000	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_256QAM	17.6	-1.8	15.8	38.02	1000	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_256QAM	17.07	-1.8	15.27	33.65	1000	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_256QAM	17.98	-1.8	16.18	41.5	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	19.07	-1.8	17.27	53.33	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	21.64	-1.8	19.84	96.38	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	21.05	-1.8	19.25	84.14	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	21.98	-1.8	20.18	104.23	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_16QAM	19.07	-1.8	17.27	53.33	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_16QAM	20.17	-1.8	18.37	68.71	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_16QAM	19.64	-1.8	17.84	60.81	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_16QAM	20.5	-1.8	18.7	74.13	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_64QAM	18.58	-1.8	16.78	47.64	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_64QAM	18.66	-1.8	16.86	48.53	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_64QAM	18.21	-1.8	16.41	43.75	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_64QAM	19.11	-1.8	17.31	53.83	1000	PASS
n77(3700-3980)	30	50	663666	133@0	CP_256QAM	15.71	-1.8	13.91	24.6	1000	PASS
n77(3700-3980)	30	50	663666	67@33	CP_256QAM	15.74	-1.8	13.94	24.77	1000	PASS
n77(3700-3980)	30	50	663666	1@1	CP_256QAM	15.3	-1.8	13.5	22.39	1000	PASS
n77(3700-3980)	30	50	663666	1@131	CP_256QAM	16.18	-1.8	14.38	27.42	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	22.32	-1.8	20.52	112.72	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	22.36	-1.8	20.56	113.76	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	22.01	-1.8	20.21	104.95	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	22.15	-1.8	20.35	108.39	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	22.3	-1.8	20.5	112.2	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	22.35	-1.8	20.55	113.5	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	22.04	-1.8	20.24	105.68	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	22.18	-1.8	20.38	109.14	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_16QAM	20.76	-1.8	18.96	78.7	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_16QAM	21.81	-1.8	20.01	100.23	1000	PASS



n77(3700-3980)	30	60	648668	1@1	DFT_16QAM	21.4	-1.8	19.6	91.2	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_16QAM	21.57	-1.8	19.77	94.84	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_64QAM	19.75	-1.8	17.95	62.37	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_64QAM	19.81	-1.8	18.01	63.24	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_64QAM	19.36	-1.8	17.56	57.02	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_64QAM	19.51	-1.8	17.71	59.02	1000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_256QAM	17.29	-1.8	15.49	35.4	1000	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_256QAM	17.94	-1.8	16.14	41.11	1000	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_256QAM	17.55	-1.8	15.75	37.58	1000	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_256QAM	17.86	-1.8	16.06	40.36	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	19.23	-1.8	17.43	55.34	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	21.84	-1.8	20.04	100.93	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	21.48	-1.8	19.68	92.9	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	21.59	-1.8	19.79	95.28	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_16QAM	19.23	-1.8	17.43	55.34	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_16QAM	20.34	-1.8	18.54	71.45	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_16QAM	20.01	-1.8	18.21	66.22	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_16QAM	20.17	-1.8	18.37	68.71	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_64QAM	18.24	-1.8	16.44	44.06	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_64QAM	18.8	-1.8	17	50.12	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_64QAM	18.56	-1.8	16.76	47.42	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_64QAM	18.8	-1.8	17	50.12	1000	PASS
n77(3700-3980)	30	60	648668	162@0	CP_256QAM	15.66	-1.8	13.86	24.32	1000	PASS
n77(3700-3980)	30	60	648668	81@40	CP_256QAM	15.91	-1.8	14.11	25.76	1000	PASS
n77(3700-3980)	30	60	648668	1@1	CP_256QAM	15.44	-1.8	13.64	23.12	1000	PASS
n77(3700-3980)	30	60	648668	1@160	CP_256QAM	15.86	-1.8	14.06	25.47	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	22.37	-1.8	20.57	114.02	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	22.46	-1.8	20.66	116.41	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	21.73	-1.8	19.93	98.4	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	22.35	-1.8	20.55	113.5	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	22.32	-1.8	20.52	112.72	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	22.4	-1.8	20.6	114.82	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	21.74	-1.8	19.94	98.63	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	22.37	-1.8	20.57	114.02	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_16QAM	20.82	-1.8	19.02	79.8	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_16QAM	21.93	-1.8	20.13	103.04	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_16QAM	21.12	-1.8	19.32	85.51	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_16QAM	21.75	-1.8	19.95	98.86	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_64QAM	19.82	-1.8	18.02	63.39	1000	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_64QAM	19.95	-1.8	18.15	65.31	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_64QAM	19.05	-1.8	17.25	53.09	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_64QAM	19.69	-1.8	17.89	61.52	1000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_256QAM	18.19	-1.8	16.39	43.55	1000	PASS



n77(3700-3980)	30	60	656000	81@40	DFT_256QAM	18.06	-1.8	16.26	42.27	1000	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_256QAM	18.11	-1.8	16.31	42.76	1000	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_256QAM	17.88	-1.8	16.08	40.55	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	19.28	-1.8	17.48	55.98	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	21.93	-1.8	20.13	103.04	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	21.22	-1.8	19.42	87.5	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	21.88	-1.8	20.08	101.86	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_16QAM	19.29	-1.8	17.49	56.1	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_16QAM	20.46	-1.8	18.66	73.45	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_16QAM	19.78	-1.8	17.98	62.81	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_16QAM	20.39	-1.8	18.59	72.28	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_64QAM	18.45	-1.8	16.65	46.24	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_64QAM	18.9	-1.8	17.1	51.29	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_64QAM	18.25	-1.8	16.45	44.16	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_64QAM	18.98	-1.8	17.18	52.24	1000	PASS
n77(3700-3980)	30	60	656000	162@0	CP_256QAM	16.21	-1.8	14.41	27.61	1000	PASS
n77(3700-3980)	30	60	656000	81@40	CP_256QAM	16.02	-1.8	14.22	26.42	1000	PASS
n77(3700-3980)	30	60	656000	1@1	CP_256QAM	16.14	-1.8	14.34	27.16	1000	PASS
n77(3700-3980)	30	60	656000	1@160	CP_256QAM	16.09	-1.8	14.29	26.85	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	22.12	-1.8	20.32	107.65	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	22.17	-1.8	20.37	108.89	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	21.68	-1.8	19.88	97.27	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	22.41	-1.8	20.61	115.08	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	22.09	-1.8	20.29	106.91	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	22.15	-1.8	20.35	108.39	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	21.62	-1.8	19.82	95.94	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	22.41	-1.8	20.61	115.08	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_16QAM	20.61	-1.8	18.81	76.03	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_16QAM	21.62	-1.8	19.82	95.94	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_16QAM	21.03	-1.8	19.23	83.75	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_16QAM	21.76	-1.8	19.96	99.08	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_64QAM	19.58	-1.8	17.78	59.98	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_64QAM	19.64	-1.8	17.84	60.81	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_64QAM	19	-1.8	17.2	52.48	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_64QAM	19.76	-1.8	17.96	62.52	1000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_256QAM	17.58	-1.8	15.78	37.84	1000	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_256QAM	17.05	-1.8	15.25	33.5	1000	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_256QAM	17.17	-1.8	15.37	34.43	1000	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_256QAM	17.89	-1.8	16.09	40.64	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	19.07	-1.8	17.27	53.33	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	21.58	-1.8	19.78	95.06	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	21.08	-1.8	19.28	84.72	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	21.8	-1.8	20	100	1000	PASS



n77(3700-3980)	30	60	663332	162@0	CP_16QAM	19.1	-1.8	17.3	53.7	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_16QAM	20.07	-1.8	18.27	67.14	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_16QAM	19.7	-1.8	17.9	61.66	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_16QAM	20.44	-1.8	18.64	73.11	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_64QAM	18.6	-1.8	16.8	47.86	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_64QAM	18.61	-1.8	16.81	47.97	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_64QAM	18.22	-1.8	16.42	43.85	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_64QAM	19	-1.8	17.2	52.48	1000	PASS
n77(3700-3980)	30	60	663332	162@0	CP_256QAM	15.7	-1.8	13.9	24.55	1000	PASS
n77(3700-3980)	30	60	663332	81@40	CP_256QAM	15.6	-1.8	13.8	23.99	1000	PASS
n77(3700-3980)	30	60	663332	1@1	CP_256QAM	15.34	-1.8	13.54	22.59	1000	PASS
n77(3700-3980)	30	60	663332	1@160	CP_256QAM	15.26	-1.8	13.46	22.18	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_BPSK	22.49	-1.8	20.69	117.22	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_BPSK	22.52	-1.8	20.72	118.03	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_BPSK	22.11	-1.8	20.31	107.4	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_BPSK	22.38	-1.8	20.58	114.29	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_QPSK	22.48	-1.8	20.68	116.95	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_QPSK	22.51	-1.8	20.71	117.76	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_QPSK	22.12	-1.8	20.32	107.65	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_QPSK	22.36	-1.8	20.56	113.76	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_16QAM	20.97	-1.8	19.17	82.6	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_16QAM	22	-1.8	20.2	104.71	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_16QAM	21.49	-1.8	19.69	93.11	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_16QAM	21.72	-1.8	19.92	98.17	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_64QAM	19.94	-1.8	18.14	65.16	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_64QAM	19.97	-1.8	18.17	65.61	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_64QAM	19.43	-1.8	17.63	57.94	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_64QAM	19.68	-1.8	17.88	61.38	1000	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_256QAM	18.36	-1.8	16.56	45.29	1000	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_256QAM	18.14	-1.8	16.34	43.05	1000	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_256QAM	18.55	-1.8	16.75	47.32	1000	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_256QAM	18.06	-1.8	16.26	42.27	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_QPSK	19.41	-1.8	17.61	57.68	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_QPSK	21.97	-1.8	20.17	103.99	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_QPSK	21.68	-1.8	19.88	97.27	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_QPSK	21.93	-1.8	20.13	103.04	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_16QAM	19.42	-1.8	17.62	57.81	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_16QAM	20.47	-1.8	18.67	73.62	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_16QAM	20.1	-1.8	18.3	67.61	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_16QAM	20.4	-1.8	18.6	72.44	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_64QAM	18.9	-1.8	17.1	51.29	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_64QAM	18.93	-1.8	17.13	51.64	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_64QAM	18.66	-1.8	16.86	48.53	1000	PASS



n77(3700-3980)	30	70	649000	1@187	CP_64QAM	18.9	-1.8	17.1	51.29	1000	PASS
n77(3700-3980)	30	70	649000	189@0	CP_256QAM	16.05	-1.8	14.25	26.61	1000	PASS
n77(3700-3980)	30	70	649000	95@47	CP_256QAM	16.39	-1.8	14.59	28.77	1000	PASS
n77(3700-3980)	30	70	649000	1@1	CP_256QAM	15.81	-1.8	14.01	25.18	1000	PASS
n77(3700-3980)	30	70	649000	1@187	CP_256QAM	15.99	-1.8	14.19	26.24	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_BPSK	22.44	-1.8	20.64	115.88	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_BPSK	22.54	-1.8	20.74	118.58	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_BPSK	21.78	-1.8	19.98	99.54	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_BPSK	22.42	-1.8	20.62	115.35	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_QPSK	22.44	-1.8	20.64	115.88	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_QPSK	22.53	-1.8	20.73	118.3	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_QPSK	21.73	-1.8	19.93	98.4	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_QPSK	22.35	-1.8	20.55	113.5	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_16QAM	20.91	-1.8	19.11	81.47	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_16QAM	22.03	-1.8	20.23	105.44	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_16QAM	21.11	-1.8	19.31	85.31	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_16QAM	21.75	-1.8	19.95	98.86	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_64QAM	19.92	-1.8	18.12	64.86	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_64QAM	19.99	-1.8	18.19	65.92	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_64QAM	19.07	-1.8	17.27	53.33	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_64QAM	19.75	-1.8	17.95	62.37	1000	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_256QAM	17.33	-1.8	15.53	35.73	1000	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_256QAM	17.99	-1.8	16.19	41.59	1000	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_256QAM	17.21	-1.8	15.41	34.75	1000	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_256QAM	17.82	-1.8	16.02	39.99	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_QPSK	19.38	-1.8	17.58	57.28	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_QPSK	22.03	-1.8	20.23	105.44	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_QPSK	21.32	-1.8	19.52	89.54	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_QPSK	21.94	-1.8	20.14	103.28	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_16QAM	19.39	-1.8	17.59	57.41	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_16QAM	20.52	-1.8	18.72	74.47	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_16QAM	19.71	-1.8	17.91	61.8	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_16QAM	20.42	-1.8	18.62	72.78	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_64QAM	19.24	-1.8	17.44	55.46	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_64QAM	19.01	-1.8	17.21	52.6	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_64QAM	19.56	-1.8	17.76	59.7	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_64QAM	18.96	-1.8	17.16	52	1000	PASS
n77(3700-3980)	30	70	656000	189@0	CP_256QAM	16.25	-1.8	14.45	27.86	1000	PASS
n77(3700-3980)	30	70	656000	95@47	CP_256QAM	16.14	-1.8	14.34	27.16	1000	PASS
n77(3700-3980)	30	70	656000	1@1	CP_256QAM	16.31	-1.8	14.51	28.25	1000	PASS
n77(3700-3980)	30	70	656000	1@187	CP_256QAM	16.1	-1.8	14.3	26.92	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_BPSK	22.17	-1.8	20.37	108.89	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_BPSK	22.13	-1.8	20.33	107.89	1000	PASS



n77(3700-3980)	30	70	663000	1@1	DFT_BPSK	21.72	-1.8	19.92	98.17	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_BPSK	22.39	-1.8	20.59	114.55	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_QPSK	22.16	-1.8	20.36	108.64	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_QPSK	22.12	-1.8	20.32	107.65	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_QPSK	21.68	-1.8	19.88	97.27	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_QPSK	22.39	-1.8	20.59	114.55	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_16QAM	20.65	-1.8	18.85	76.74	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_16QAM	21.61	-1.8	19.81	95.72	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_16QAM	21.08	-1.8	19.28	84.72	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_16QAM	21.77	-1.8	19.97	99.31	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_64QAM	19.63	-1.8	17.83	60.67	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_64QAM	19.6	-1.8	17.8	60.26	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_64QAM	19.1	-1.8	17.3	53.7	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_64QAM	19.79	-1.8	17.99	62.95	1000	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_256QAM	17.56	-1.8	15.76	37.67	1000	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_256QAM	17.59	-1.8	15.79	37.93	1000	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_256QAM	17.31	-1.8	15.51	35.56	1000	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_256QAM	17.89	-1.8	16.09	40.64	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_QPSK	19.11	-1.8	17.31	53.83	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_QPSK	21.64	-1.8	19.84	96.38	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_QPSK	21.24	-1.8	19.44	87.9	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_QPSK	21.88	-1.8	20.08	101.86	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_16QAM	19.13	-1.8	17.33	54.08	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_16QAM	20.15	-1.8	18.35	68.39	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_16QAM	19.71	-1.8	17.91	61.8	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_16QAM	20.42	-1.8	18.62	72.78	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_64QAM	18.14	-1.8	16.34	43.05	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_64QAM	18.61	-1.8	16.81	47.97	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_64QAM	18.18	-1.8	16.38	43.45	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_64QAM	19	-1.8	17.2	52.48	1000	PASS
n77(3700-3980)	30	70	663000	189@0	CP_256QAM	15.25	-1.8	13.45	22.13	1000	PASS
n77(3700-3980)	30	70	663000	95@47	CP_256QAM	15.75	-1.8	13.95	24.83	1000	PASS
n77(3700-3980)	30	70	663000	1@1	CP_256QAM	15.28	-1.8	13.48	22.28	1000	PASS
n77(3700-3980)	30	70	663000	1@187	CP_256QAM	16.15	-1.8	14.35	27.23	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	22.45	-1.8	20.65	116.14	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	22.48	-1.8	20.68	116.95	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	21.97	-1.8	20.17	103.99	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	22.38	-1.8	20.58	114.29	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	22.42	-1.8	20.62	115.35	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	22.47	-1.8	20.67	116.68	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	21.87	-1.8	20.07	101.62	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	22.29	-1.8	20.49	111.94	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_16QAM	20.92	-1.8	19.12	81.66	1000	PASS



n77(3700-3980)	30	80	649334	108@54	DFT_16QAM	21.94	-1.8	20.14	103.28	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_16QAM	21.32	-1.8	19.52	89.54	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_16QAM	21.73	-1.8	19.93	98.4	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_64QAM	19.87	-1.8	18.07	64.12	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_64QAM	19.94	-1.8	18.14	65.16	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_64QAM	19.3	-1.8	17.5	56.23	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_64QAM	19.72	-1.8	17.92	61.94	1000	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_256QAM	18.36	-1.8	16.56	45.29	1000	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_256QAM	18.1	-1.8	16.3	42.66	1000	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_256QAM	18.33	-1.8	16.53	44.98	1000	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_256QAM	18.11	-1.8	16.31	42.76	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	19.36	-1.8	17.56	57.02	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	21.94	-1.8	20.14	103.28	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	21.54	-1.8	19.74	94.19	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	21.94	-1.8	20.14	103.28	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_16QAM	19.36	-1.8	17.56	57.02	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_16QAM	20.45	-1.8	18.65	73.28	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_16QAM	19.97	-1.8	18.17	65.61	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_16QAM	20.36	-1.8	18.56	71.78	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_64QAM	18.49	-1.8	16.69	46.67	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_64QAM	18.86	-1.8	17.06	50.82	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_64QAM	18.5	-1.8	16.7	46.77	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_64QAM	18.93	-1.8	17.13	51.64	1000	PASS
n77(3700-3980)	30	80	649334	217@0	CP_256QAM	16.52	-1.8	14.72	29.65	1000	PASS
n77(3700-3980)	30	80	649334	109@54	CP_256QAM	16.07	-1.8	14.27	26.73	1000	PASS
n77(3700-3980)	30	80	649334	1@1	CP_256QAM	15.68	-1.8	13.88	24.43	1000	PASS
n77(3700-3980)	30	80	649334	1@215	CP_256QAM	16.09	-1.8	14.29	26.85	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	22.43	-1.8	20.63	115.61	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	22.57	-1.8	20.77	119.4	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	21.59	-1.8	19.79	95.28	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	22.31	-1.8	20.51	112.46	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	22.4	-1.8	20.6	114.82	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	22.58	-1.8	20.78	119.67	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	21.6	-1.8	19.8	95.5	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	22.27	-1.8	20.47	111.43	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_16QAM	20.91	-1.8	19.11	81.47	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_16QAM	22.03	-1.8	20.23	105.44	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_16QAM	20.95	-1.8	19.15	82.22	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_16QAM	21.65	-1.8	19.85	96.61	1000	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_64QAM	19.86	-1.8	18.06	63.97	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_64QAM	20.05	-1.8	18.25	66.83	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_64QAM	19.09	-1.8	17.29	53.58	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_64QAM	19.64	-1.8	17.84	60.81	1000	PASS



n77(3700-3980)	30	80	656000	216@0	DFT_256QAM	17.83	-1.8	16.03	40.09	1000	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_256QAM	18	-1.8	16.2	41.69	1000	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_256QAM	17.32	-1.8	15.52	35.65	1000	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_256QAM	17.75	-1.8	15.95	39.36	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	19.35	-1.8	17.55	56.89	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	22	-1.8	20.2	104.71	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	21.21	-1.8	19.41	87.3	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	21.89	-1.8	20.09	102.09	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_16QAM	19.33	-1.8	17.53	56.62	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_16QAM	20.51	-1.8	18.71	74.3	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_16QAM	19.54	-1.8	17.74	59.43	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_16QAM	20.25	-1.8	18.45	69.98	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_64QAM	18.81	-1.8	17.01	50.23	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_64QAM	18.96	-1.8	17.16	52	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_64QAM	18.98	-1.8	17.18	52.24	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_64QAM	18.91	-1.8	17.11	51.4	1000	PASS
n77(3700-3980)	30	80	656000	217@0	CP_256QAM	16.34	-1.8	14.54	28.44	1000	PASS
n77(3700-3980)	30	80	656000	109@54	CP_256QAM	16.14	-1.8	14.34	27.16	1000	PASS
n77(3700-3980)	30	80	656000	1@1	CP_256QAM	15.34	-1.8	13.54	22.59	1000	PASS
n77(3700-3980)	30	80	656000	1@215	CP_256QAM	16.06	-1.8	14.26	26.67	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	22.14	-1.8	20.34	108.14	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	22.1	-1.8	20.3	107.15	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	21.64	-1.8	19.84	96.38	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	22.29	-1.8	20.49	111.94	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	22.13	-1.8	20.33	107.89	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	22.1	-1.8	20.3	107.15	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	21.65	-1.8	19.85	96.61	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	22.3	-1.8	20.5	112.2	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_16QAM	20.62	-1.8	18.82	76.21	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_16QAM	21.58	-1.8	19.78	95.06	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_16QAM	21.07	-1.8	19.27	84.53	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_16QAM	21.75	-1.8	19.95	98.86	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_64QAM	19.59	-1.8	17.79	60.12	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_64QAM	19.59	-1.8	17.79	60.12	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_64QAM	19.04	-1.8	17.24	52.97	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_64QAM	19.65	-1.8	17.85	60.95	1000	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_256QAM	17.56	-1.8	15.76	37.67	1000	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_256QAM	17.56	-1.8	15.76	37.67	1000	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_256QAM	17.07	-1.8	15.27	33.65	1000	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_256QAM	17.69	-1.8	15.89	38.82	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	19.08	-1.8	17.28	53.46	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	21.54	-1.8	19.74	94.19	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	21.14	-1.8	19.34	85.9	1000	PASS



n77(3700-3980)	30	80	662666	1@215	CP_QPSK	21.68	-1.8	19.88	97.27	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_16QAM	19.09	-1.8	17.29	53.58	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_16QAM	20.02	-1.8	18.22	66.37	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_16QAM	19.74	-1.8	17.94	62.23	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_16QAM	20.36	-1.8	18.56	71.78	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_64QAM	18.32	-1.8	16.52	44.87	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_64QAM	18.48	-1.8	16.68	46.56	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_64QAM	18.85	-1.8	17.05	50.7	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_64QAM	18.83	-1.8	17.03	50.47	1000	PASS
n77(3700-3980)	30	80	662666	217@0	CP_256QAM	15.71	-1.8	13.91	24.6	1000	PASS
n77(3700-3980)	30	80	662666	109@54	CP_256QAM	15.72	-1.8	13.92	24.66	1000	PASS
n77(3700-3980)	30	80	662666	1@1	CP_256QAM	15.39	-1.8	13.59	22.86	1000	PASS
n77(3700-3980)	30	80	662666	1@215	CP_256QAM	16.07	-1.8	14.27	26.73	1000	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_BPSK	22.47	-1.8	20.67	116.68	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	22.53	-1.8	20.73	118.3	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	21.77	-1.8	19.97	99.31	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	22.32	-1.8	20.52	112.72	1000	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QPSK	22.45	-1.8	20.65	116.14	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	22.51	-1.8	20.71	117.76	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	21.82	-1.8	20.02	100.46	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	22.34	-1.8	20.54	113.24	1000	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_16QAM	20.93	-1.8	19.13	81.85	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_16QAM	22	-1.8	20.2	104.71	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_16QAM	21.25	-1.8	19.45	88.1	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_16QAM	21.82	-1.8	20.02	100.46	1000	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_64QAM	19.91	-1.8	18.11	64.71	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_64QAM	19.96	-1.8	18.16	65.46	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_64QAM	19.07	-1.8	17.27	53.33	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_64QAM	19.57	-1.8	17.77	59.84	1000	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_256QAM	18.11	-1.8	16.31	42.76	1000	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_256QAM	18.14	-1.8	16.34	43.05	1000	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_256QAM	17.54	-1.8	15.74	37.5	1000	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_256QAM	18.08	-1.8	16.28	42.46	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	19.38	-1.8	17.58	57.28	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	22.03	-1.8	20.23	105.44	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	21.27	-1.8	19.47	88.51	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	21.8	-1.8	20	100	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_16QAM	19.39	-1.8	17.59	57.41	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_16QAM	20.52	-1.8	18.72	74.47	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_16QAM	19.74	-1.8	17.94	62.23	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_16QAM	20.29	-1.8	18.49	70.63	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_64QAM	18.86	-1.8	17.06	50.82	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_64QAM	18.99	-1.8	17.19	52.36	1000	PASS



n77(3700-3980)	30	90	649668	1@1	CP_64QAM	18.34	-1.8	16.54	45.08	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_64QAM	18.87	-1.8	17.07	50.93	1000	PASS
n77(3700-3980)	30	90	649668	245@0	CP_256QAM	16.08	-1.8	14.28	26.79	1000	PASS
n77(3700-3980)	30	90	649668	123@61	CP_256QAM	16.16	-1.8	14.36	27.29	1000	PASS
n77(3700-3980)	30	90	649668	1@1	CP_256QAM	15.63	-1.8	13.83	24.15	1000	PASS
n77(3700-3980)	30	90	649668	1@243	CP_256QAM	16.15	-1.8	14.35	27.23	1000	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	22.32	-1.8	20.52	112.72	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	22.55	-1.8	20.75	118.85	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	21.41	-1.8	19.61	91.41	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	22.04	-1.8	20.24	105.68	1000	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	22.32	-1.8	20.52	112.72	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	22.53	-1.8	20.73	118.3	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	21.44	-1.8	19.64	92.04	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	22.08	-1.8	20.28	106.66	1000	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_16QAM	20.82	-1.8	19.02	79.8	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_16QAM	21.97	-1.8	20.17	103.99	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_16QAM	20.82	-1.8	19.02	79.8	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_16QAM	21.47	-1.8	19.67	92.68	1000	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_64QAM	19.81	-1.8	18.01	63.24	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_64QAM	19.97	-1.8	18.17	65.61	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_64QAM	19.63	-1.8	17.83	60.67	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_64QAM	19.39	-1.8	17.59	57.41	1000	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_256QAM	17.49	-1.8	15.69	37.07	1000	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_256QAM	17.93	-1.8	16.13	41.02	1000	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_256QAM	17.2	-1.8	15.4	34.67	1000	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_256QAM	17.52	-1.8	15.72	37.33	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	19.33	-1.8	17.53	56.62	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	22.01	-1.8	20.21	104.95	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	20.89	-1.8	19.09	81.1	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	21.58	-1.8	19.78	95.06	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_16QAM	19.3	-1.8	17.5	56.23	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_16QAM	20.5	-1.8	18.7	74.13	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_16QAM	19.41	-1.8	17.61	57.68	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_16QAM	20.11	-1.8	18.31	67.76	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_64QAM	18.8	-1.8	17	50.12	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_64QAM	18.96	-1.8	17.16	52	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_64QAM	18.02	-1.8	16.22	41.88	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_64QAM	18.66	-1.8	16.86	48.53	1000	PASS
n77(3700-3980)	30	90	656000	245@0	CP_256QAM	15.98	-1.8	14.18	26.18	1000	PASS
n77(3700-3980)	30	90	656000	123@61	CP_256QAM	16.13	-1.8	14.33	27.1	1000	PASS
n77(3700-3980)	30	90	656000	1@1	CP_256QAM	15.28	-1.8	13.48	22.28	1000	PASS
n77(3700-3980)	30	90	656000	1@243	CP_256QAM	15.94	-1.8	14.14	25.94	1000	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_BPSK	22.09	-1.8	20.29	106.91	1000	PASS



n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	22.1	-1.8	20.3	107.15	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	21.56	-1.8	19.76	94.62	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	22.16	-1.8	20.36	108.64	1000	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QPSK	22.09	-1.8	20.29	106.91	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	22.1	-1.8	20.3	107.15	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	21.59	-1.8	19.79	95.28	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	22.11	-1.8	20.31	107.4	1000	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_16QAM	20.59	-1.8	18.79	75.68	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_16QAM	21.54	-1.8	19.74	94.19	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_16QAM	21.07	-1.8	19.27	84.53	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_16QAM	21.65	-1.8	19.85	96.61	1000	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_64QAM	19.59	-1.8	17.79	60.12	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_64QAM	19.55	-1.8	17.75	59.57	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_64QAM	18.95	-1.8	17.15	51.88	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_64QAM	19.51	-1.8	17.71	59.02	1000	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_256QAM	17.53	-1.8	15.73	37.41	1000	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_256QAM	17.52	-1.8	15.72	37.33	1000	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_256QAM	17.04	-1.8	15.24	33.42	1000	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_256QAM	17.6	-1.8	15.8	38.02	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	19.05	-1.8	17.25	53.09	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	21.53	-1.8	19.73	93.97	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	21.01	-1.8	19.21	83.37	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	21.6	-1.8	19.8	95.5	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_16QAM	19.02	-1.8	17.22	52.72	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_16QAM	20.08	-1.8	18.28	67.3	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_16QAM	19.63	-1.8	17.83	60.67	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_16QAM	20.24	-1.8	18.44	69.82	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_64QAM	18.53	-1.8	16.73	47.1	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_64QAM	18.53	-1.8	16.73	47.1	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_64QAM	18.15	-1.8	16.35	43.15	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_64QAM	18.78	-1.8	16.98	49.89	1000	PASS
n77(3700-3980)	30	90	662332	245@0	CP_256QAM	15.72	-1.8	13.92	24.66	1000	PASS
n77(3700-3980)	30	90	662332	123@61	CP_256QAM	15.68	-1.8	13.88	24.43	1000	PASS
n77(3700-3980)	30	90	662332	1@1	CP_256QAM	15.41	-1.8	13.61	22.96	1000	PASS
n77(3700-3980)	30	90	662332	1@243	CP_256QAM	16.08	-1.8	14.28	26.79	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	22.43	-1.8	20.63	115.61	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	22.54	-1.8	20.74	118.58	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	21.63	-1.8	19.83	96.16	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	22.11	-1.8	20.31	107.4	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	22.41	-1.8	20.61	115.08	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	22.53	-1.8	20.73	118.3	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	21.66	-1.8	19.86	96.83	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	22.12	-1.8	20.32	107.65	1000	PASS



n77(3700-3980)	30	100	650000	270@0	DFT_16QAM	20.91	-1.8	19.11	81.47	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_16QAM	22.04	-1.8	20.24	105.68	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_16QAM	21.13	-1.8	19.33	85.7	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_16QAM	21.59	-1.8	19.79	95.28	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_64QAM	19.88	-1.8	18.08	64.27	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_64QAM	20.01	-1.8	18.21	66.22	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_64QAM	18.96	-1.8	17.16	52	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_64QAM	19.45	-1.8	17.65	58.21	1000	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_256QAM	18.07	-1.8	16.27	42.36	1000	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_256QAM	18.14	-1.8	16.34	43.05	1000	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_256QAM	17.47	-1.8	15.67	36.9	1000	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_256QAM	17.92	-1.8	16.12	40.93	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	19.35	-1.8	17.55	56.89	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	22.03	-1.8	20.23	105.44	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	21.13	-1.8	19.33	85.7	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	21.63	-1.8	19.83	96.16	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_16QAM	19.32	-1.8	17.52	56.49	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_16QAM	20.54	-1.8	18.74	74.82	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_16QAM	19.61	-1.8	17.81	60.39	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_16QAM	20.1	-1.8	18.3	67.61	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_64QAM	18.83	-1.8	17.03	50.47	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_64QAM	18.98	-1.8	17.18	52.24	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_64QAM	18.7	-1.8	16.9	48.98	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_64QAM	18.73	-1.8	16.93	49.32	1000	PASS
n77(3700-3980)	30	100	650000	273@0	CP_256QAM	16.52	-1.8	14.72	29.65	1000	PASS
n77(3700-3980)	30	100	650000	137@68	CP_256QAM	16.14	-1.8	14.34	27.16	1000	PASS
n77(3700-3980)	30	100	650000	1@1	CP_256QAM	15.52	-1.8	13.72	23.55	1000	PASS
n77(3700-3980)	30	100	650000	1@271	CP_256QAM	16	-1.8	14.2	26.3	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	22.33	-1.8	20.53	112.98	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	22.5	-1.8	20.7	117.49	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	21.28	-1.8	19.48	88.72	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	21.93	-1.8	20.13	103.04	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	22.33	-1.8	20.53	112.98	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	22.51	-1.8	20.71	117.76	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	21.3	-1.8	19.5	89.13	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	21.91	-1.8	20.11	102.57	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_16QAM	20.82	-1.8	19.02	79.8	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_16QAM	21.94	-1.8	20.14	103.28	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_16QAM	20.78	-1.8	18.98	79.07	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_16QAM	21.43	-1.8	19.63	91.83	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_64QAM	19.8	-1.8	18	63.1	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_64QAM	19.97	-1.8	18.17	65.61	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_64QAM	18.61	-1.8	16.81	47.97	1000	PASS



n77(3700-3980)	30	100	656000	1@271	DFT_64QAM	19.25	-1.8	17.45	55.59	1000	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_256QAM	17.76	-1.8	15.96	39.45	1000	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_256QAM	17.91	-1.8	16.11	40.83	1000	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_256QAM	17.11	-1.8	15.31	33.96	1000	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_256QAM	17.39	-1.8	15.59	36.22	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	19.28	-1.8	17.48	55.98	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	21.99	-1.8	20.19	104.47	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	20.77	-1.8	18.97	78.89	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	21.39	-1.8	19.59	90.99	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_16QAM	19.24	-1.8	17.44	55.46	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_16QAM	20.52	-1.8	18.72	74.47	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_16QAM	19.36	-1.8	17.56	57.02	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_16QAM	20.01	-1.8	18.21	66.22	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_64QAM	18.77	-1.8	16.97	49.77	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_64QAM	18.97	-1.8	17.17	52.12	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_64QAM	17.91	-1.8	16.11	40.83	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_64QAM	18.51	-1.8	16.71	46.88	1000	PASS
n77(3700-3980)	30	100	656000	273@0	CP_256QAM	15.93	-1.8	14.13	25.88	1000	PASS
n77(3700-3980)	30	100	656000	137@68	CP_256QAM	16.11	-1.8	14.31	26.98	1000	PASS
n77(3700-3980)	30	100	656000	1@1	CP_256QAM	15.2	-1.8	13.4	21.88	1000	PASS
n77(3700-3980)	30	100	656000	1@271	CP_256QAM	15.82	-1.8	14.02	25.23	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	22.2	-1.8	20.4	109.65	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	22.21	-1.8	20.41	109.9	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	21.59	-1.8	19.79	95.28	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	22.11	-1.8	20.31	107.4	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	22.18	-1.8	20.38	109.14	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	22.24	-1.8	20.44	110.66	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	21.58	-1.8	19.78	95.06	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	22.08	-1.8	20.28	106.66	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_16QAM	20.66	-1.8	18.86	76.91	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_16QAM	21.72	-1.8	19.92	98.17	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_16QAM	21.1	-1.8	19.3	85.11	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_16QAM	21.61	-1.8	19.81	95.72	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_64QAM	19.68	-1.8	17.88	61.38	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_64QAM	19.71	-1.8	17.91	61.8	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_64QAM	18.93	-1.8	17.13	51.64	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_64QAM	19.43	-1.8	17.63	57.94	1000	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_256QAM	17.65	-1.8	15.85	38.46	1000	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_256QAM	17.64	-1.8	15.84	38.37	1000	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_256QAM	17.04	-1.8	15.24	33.42	1000	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_256QAM	17.56	-1.8	15.76	37.67	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	19.14	-1.8	17.34	54.2	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	21.69	-1.8	19.89	97.5	1000	PASS

n77(3700-3980)	30	100	662000	1@1	CP_QPSK	21.07	-1.8	19.27	84.53	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	21.54	-1.8	19.74	94.19	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_16QAM	19.12	-1.8	17.32	53.95	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_16QAM	20.21	-1.8	18.41	69.34	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_16QAM	19.65	-1.8	17.85	60.95	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_16QAM	20.19	-1.8	18.39	69.02	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_64QAM	18.61	-1.8	16.81	47.97	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_64QAM	18.65	-1.8	16.85	48.42	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_64QAM	18.23	-1.8	16.43	43.95	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_64QAM	18.73	-1.8	16.93	49.32	1000	PASS
n77(3700-3980)	30	100	662000	273@0	CP_256QAM	15.81	-1.8	14.01	25.18	1000	PASS
n77(3700-3980)	30	100	662000	137@68	CP_256QAM	15.82	-1.8	14.02	25.23	1000	PASS
n77(3700-3980)	30	100	662000	1@1	CP_256QAM	15.44	-1.8	13.64	23.12	1000	PASS
n77(3700-3980)	30	100	662000	1@271	CP_256QAM	15.99	-1.8	14.19	26.24	1000	PASS

2. Frequency Stability

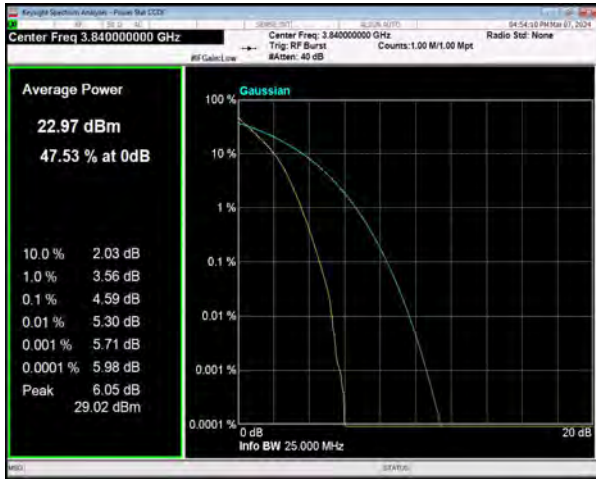
Temperature (°C)	Voltage (V)	Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (Hz)	Result (ppm)	Verdict
20(Ref.)	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-2.9	-0.00107	PASS
20	6.58	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	3.7	0.00096	PASS
20	8.9	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-3.7	-0.00096	PASS
-30	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-8.7	-0.00227	PASS
-20	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	14.1	0.00367	PASS
-10	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-4.3	-0.00112	PASS
0	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	5.7	0.00148	PASS
10	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	13.0	0.00339	PASS
30	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-3.0	-0.00078	PASS
40	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	10.4	0.00271	PASS
50	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	8.6	0.00224	PASS

Note:

1. The frequency fundamental emissions stay within the authorized frequency block.

3. Peak-to-average Ratio

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	4.59	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	5.85	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	6.58	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	6.75	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	6.92	13	PASS



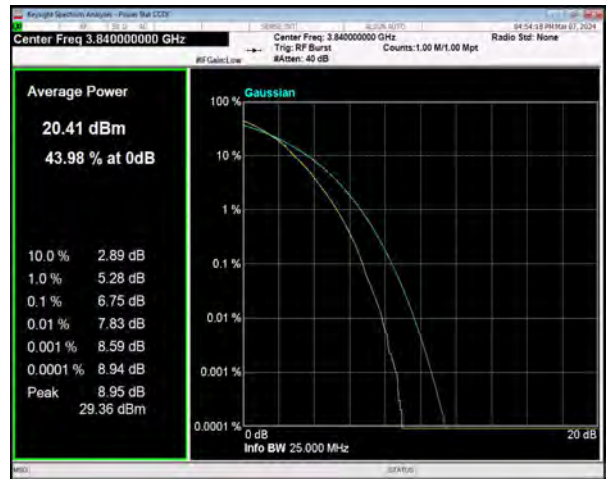
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz
Channel=656000 RB=50@0



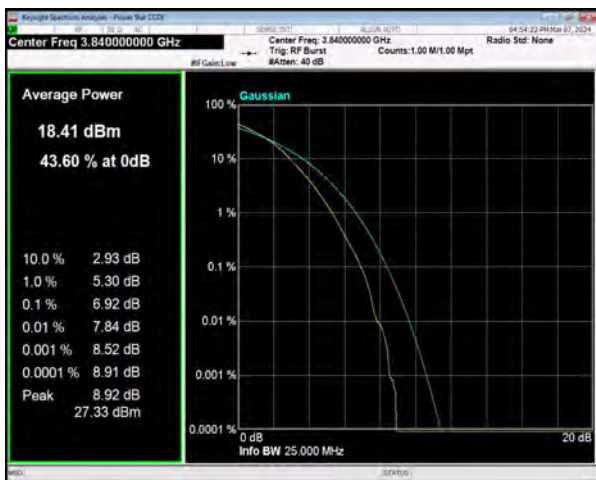
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz
Channel=656000 RB=50@0



n77(3700-3980) SCS=30kHz DFT_16QAM BW=20MHz
Channel=656000 RB=50@0



n77(3700-3980) SCS=30kHz DFT_64QAM BW=20MHz
Channel=656000 RB=50@0



n77(3700-3980) SCS=30kHz DFT_256QAM BW=20MHz
Channel=656000 RB=50@0

4. Occupied Bandwidth

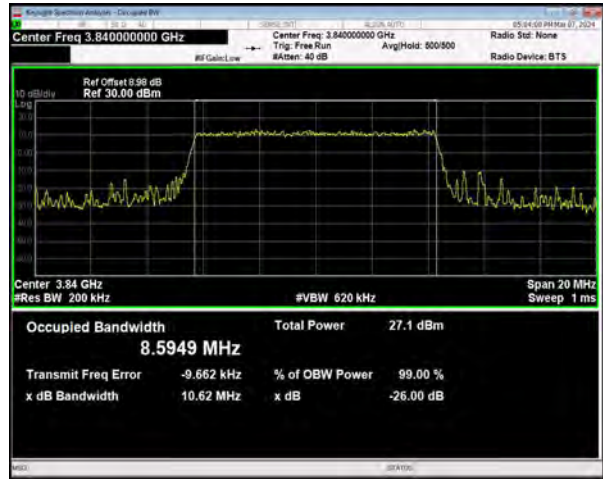
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3700-3980)	30	10	656000	3840	24@0	DFT_BPSK	8.591	9.348	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_QPSK	8.595	10.617	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_16QAM	8.633	10.222	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_64QAM	8.618	9.287	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_256QAM	8.618	9.235	PASS
n77(3700-3980)	30	15	656000	3840	36@0	DFT_BPSK	12.910	13.964	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_QPSK	13.639	17.002	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_16QAM	13.590	15.624	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_64QAM	13.611	14.567	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_256QAM	13.579	14.509	PASS
n77(3700-3980)	30	20	656000	3840	50@0	DFT_BPSK	18.005	19.779	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_QPSK	18.278	22.819	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_16QAM	18.344	22.968	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_64QAM	18.252	19.412	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_256QAM	18.261	20.586	PASS
n77(3700-3980)	30	40	656000	3840	100@0	DFT_BPSK	35.846	38.353	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_QPSK	37.916	40.949	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_16QAM	37.984	39.890	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_64QAM	37.963	40.487	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_256QAM	37.940	40.211	PASS
n77(3700-3980)	30	50	656000	3840	128@0	DFT_BPSK	45.967	48.724	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_QPSK	47.592	51.199	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_16QAM	47.638	50.021	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_64QAM	47.638	50.050	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_256QAM	47.579	50.069	PASS
n77(3700-3980)	30	60	656000	3840	162@0	DFT_BPSK	58.028	61.602	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_QPSK	57.802	61.333	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_16QAM	58.132	60.798	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_64QAM	57.913	60.750	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_256QAM	57.893	60.887	PASS
n77(3700-3980)	30	70	656000	3840	180@0	DFT_BPSK	64.501	68.219	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_QPSK	67.646	71.913	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_16QAM	67.634	71.145	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_64QAM	67.588	74.007	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_256QAM	67.602	71.476	PASS
n77(3700-3980)	30	80	656000	3840	216@0	DFT_BPSK	77.311	81.097	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_QPSK	77.516	81.615	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_16QAM	77.518	81.447	PASS



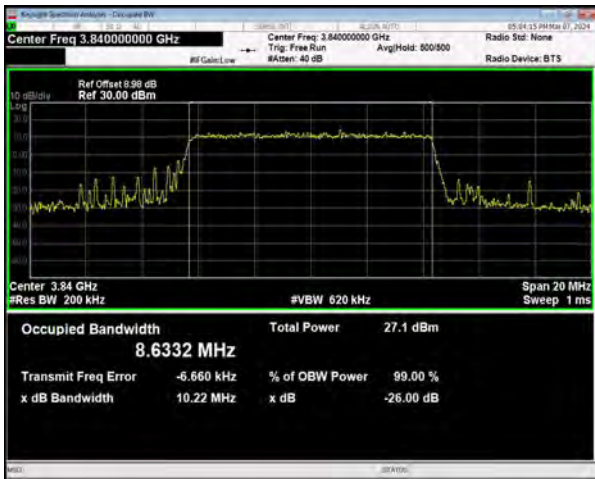
n77(3700-3980)	30	80	656000	3840	217@0	CP_64QAM	77.724	82.965	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_256QAM	77.552	81.576	PASS
n77(3700-3980)	30	90	656000	3840	240@0	DFT_BPSK	85.751	90.531	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_QPSK	87.678	92.218	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_16QAM	87.443	92.249	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_64QAM	87.640	92.250	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_256QAM	87.594	92.231	PASS
n77(3700-3980)	30	100	656000	3840	270@0	DFT_BPSK	96.318	101.379	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_QPSK	97.414	103.142	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_16QAM	97.410	106.823	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_64QAM	97.376	103.435	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_256QAM	97.352	102.564	PASS



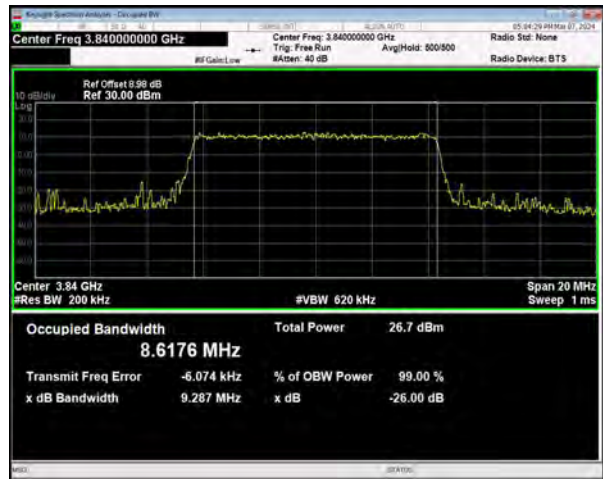
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz
Channel=656000 RB=24@0



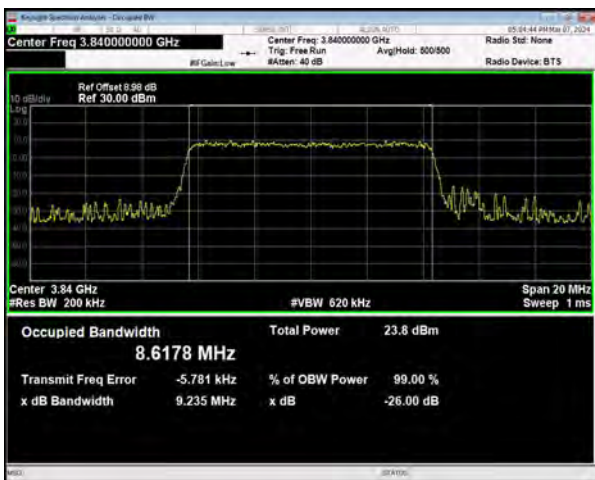
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz
Channel=656000 RB=24@0



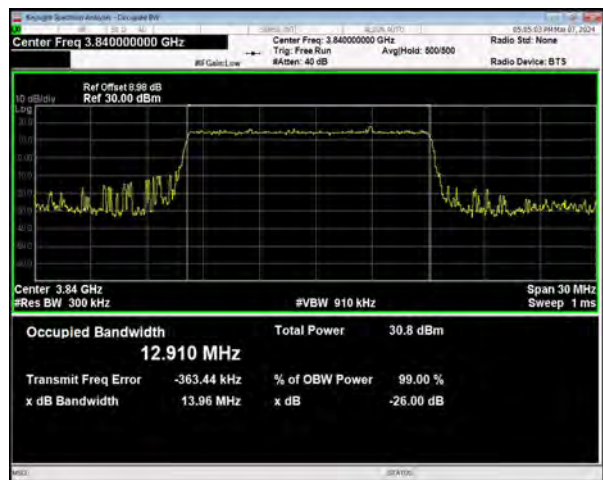
n77(3700-3980) SCS=30kHz CP_16QAM BW=10MHz
Channel=656000 RB=24@0



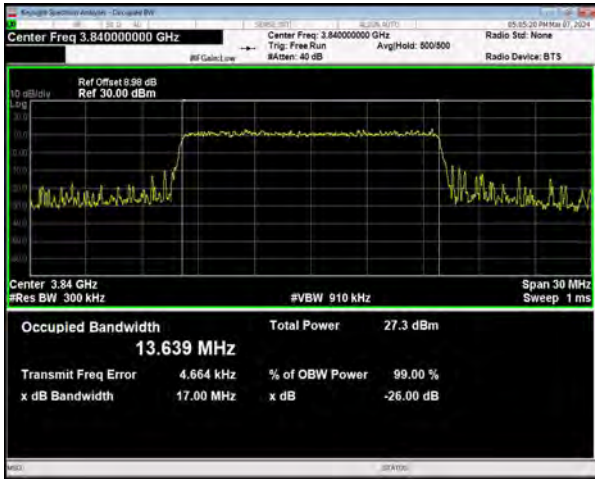
n77(3700-3980) SCS=30kHz CP_64QAM BW=10MHz
Channel=656000 RB=24@0



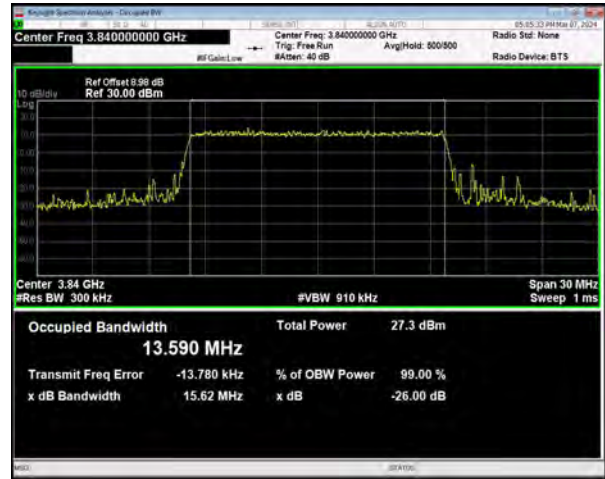
n77(3700-3980) SCS=30kHz CP_256QAM BW=10MHz
Channel=656000 RB=24@0



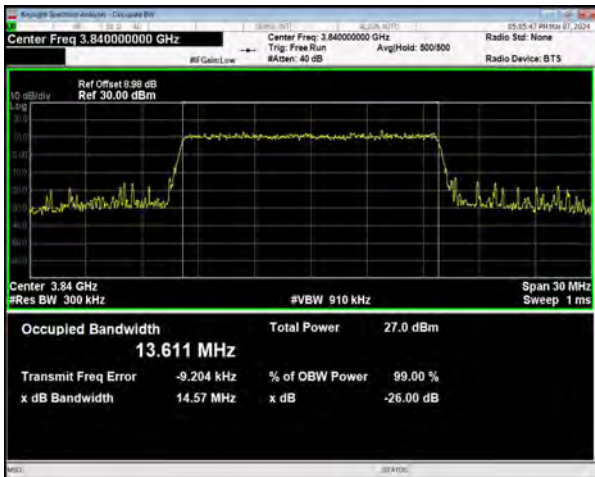
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz
Channel=656000 RB=36@0



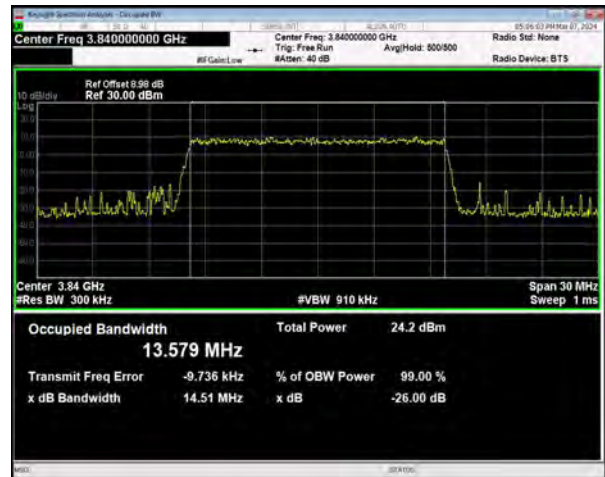
n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz
Channel=656000 RB=38@0



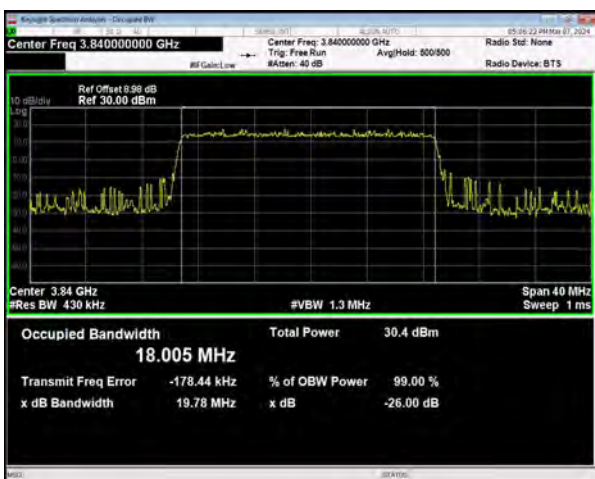
n77(3700-3980) SCS=30kHz CP_16QAM BW=15MHz
Channel=656000 RB=38@0



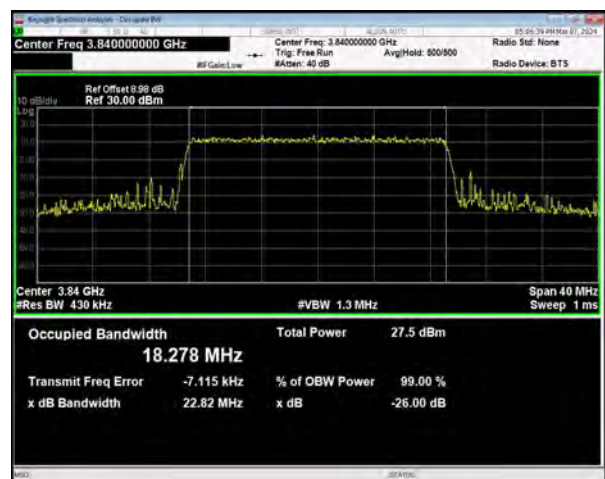
n77(3700-3980) SCS=30kHz CP_64QAM BW=15MHz
Channel=656000 RB=38@0



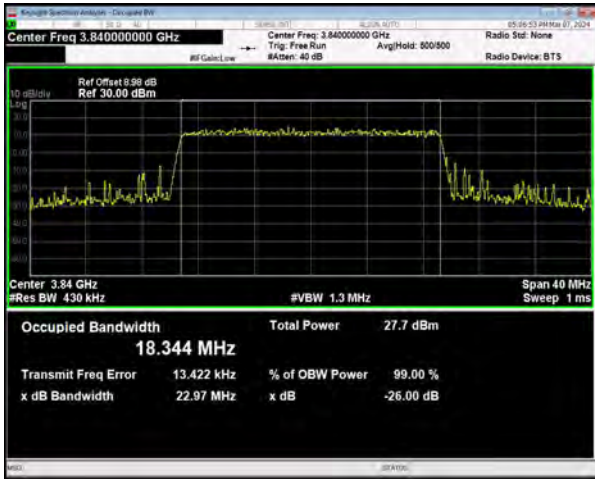
n77(3700-3980) SCS=30kHz CP_256QAM BW=15MHz
Channel=656000 RB=38@0



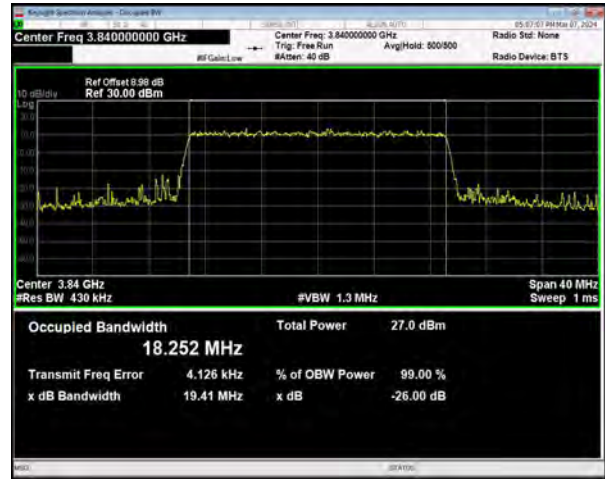
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz
Channel=656000 RB=50@0



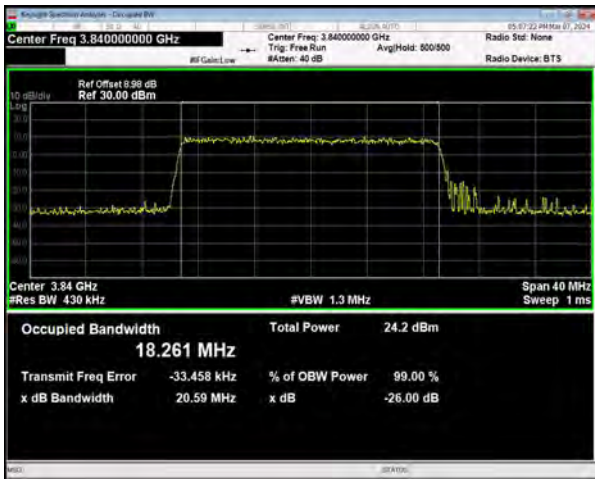
n77(3700-3980) SCS=30kHz CP_QPSK BW=20MHz
Channel=656000 RB=51@0



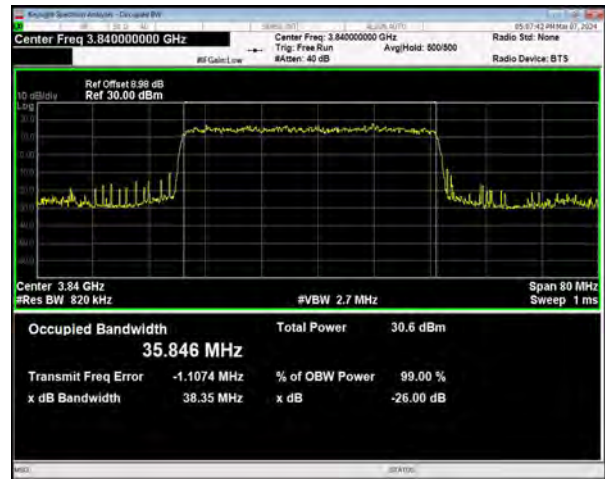
n77(3700-3980) SCS=30kHz CP_16QAM BW=20MHz
Channel=656000 RB=51@0



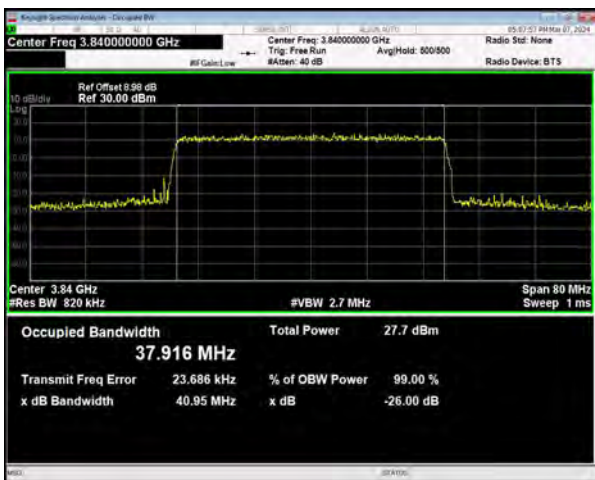
n77(3700-3980) SCS=30kHz CP_64QAM BW=20MHz
Channel=656000 RB=51@0



n77(3700-3980) SCS=30kHz CP_256QAM BW=20MHz
Channel=656000 RB=51@0



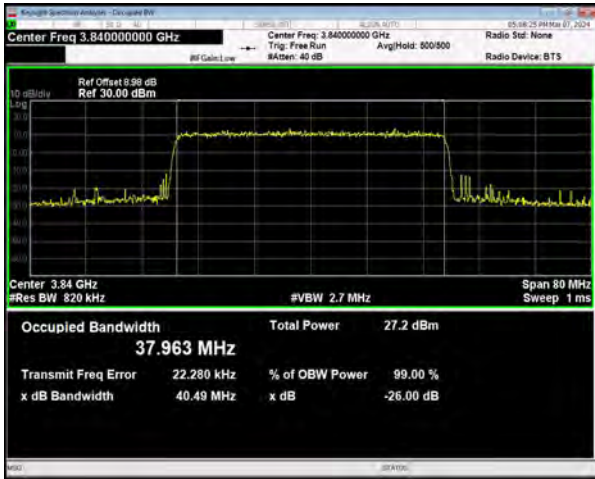
n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz
Channel=656000 RB=100@0



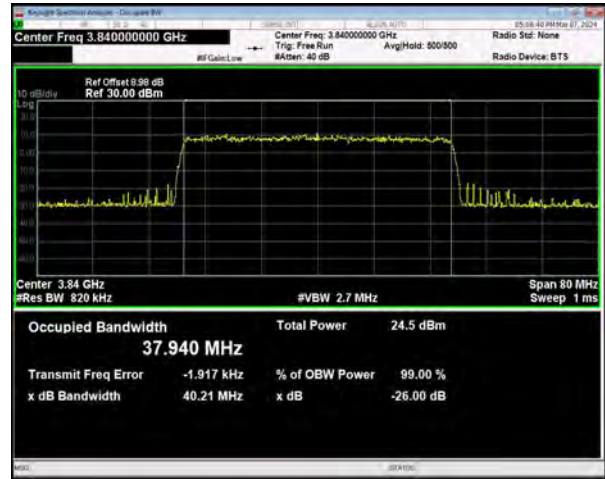
n77(3700-3980) SCS=30kHz CP_QPSK BW=40MHz
Channel=656000 RB=106@0



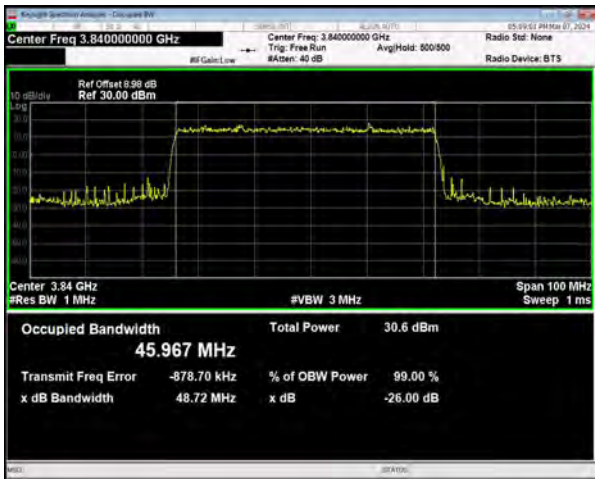
n77(3700-3980) SCS=30kHz CP_16QAM BW=40MHz
Channel=656000 RB=106@0



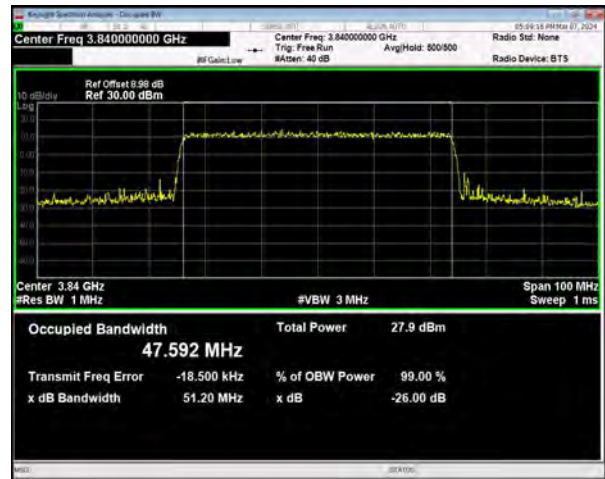
n77(3700-3980) SCS=30kHz CP_64QAM BW=40MHz
Channel=656000 RB=106@0



n77(3700-3980) SCS=30kHz CP_256QAM BW=40MHz
Channel=656000 RB=106@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz
Channel=656000 RB=128@0



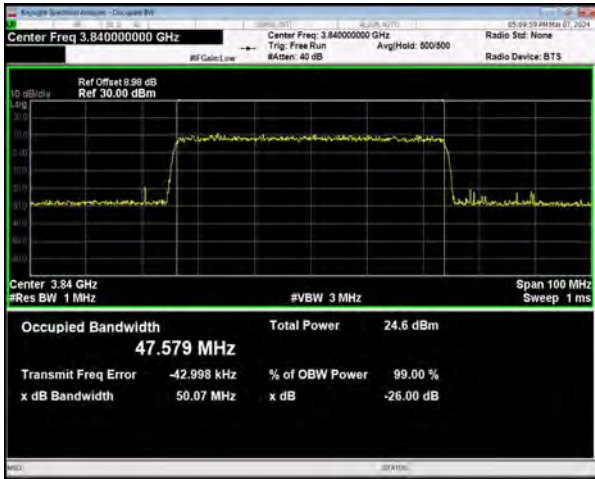
n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz
Channel=656000 RB=133@0



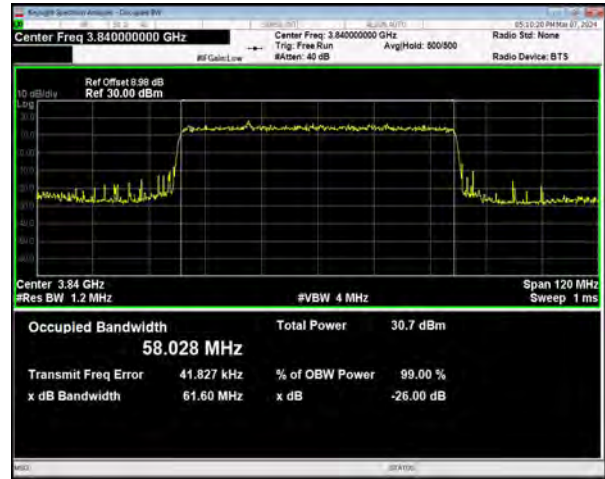
n77(3700-3980) SCS=30kHz CP_16QAM BW=50MHz
Channel=656000 RB=133@0



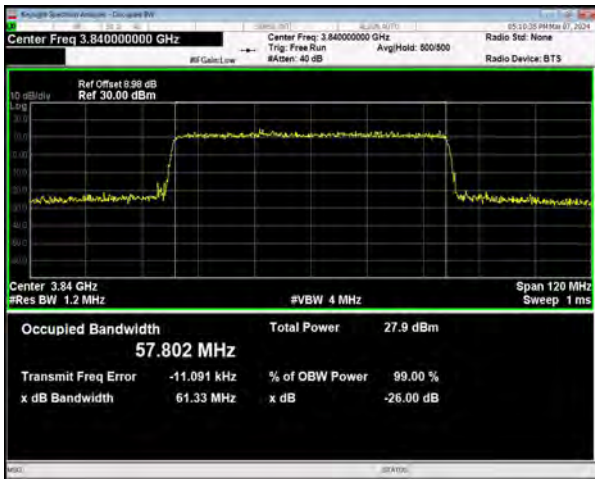
n77(3700-3980) SCS=30kHz CP_64QAM BW=50MHz
Channel=656000 RB=133@0



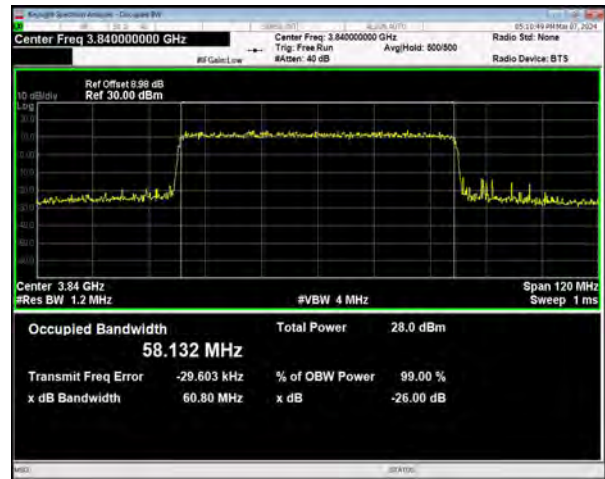
n77(3700-3980) SCS=30kHz CP_256QAM BW=50MHz
Channel=656000 RB=133@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz
Channel=656000 RB=162@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=60MHz
Channel=656000 RB=162@0



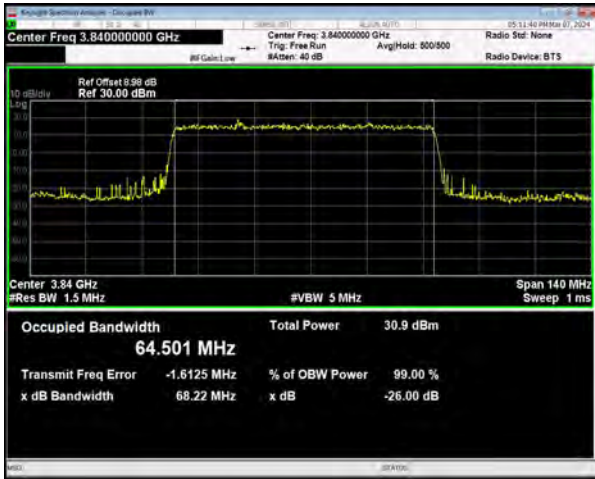
n77(3700-3980) SCS=30kHz CP_16QAM BW=60MHz
Channel=656000 RB=162@0



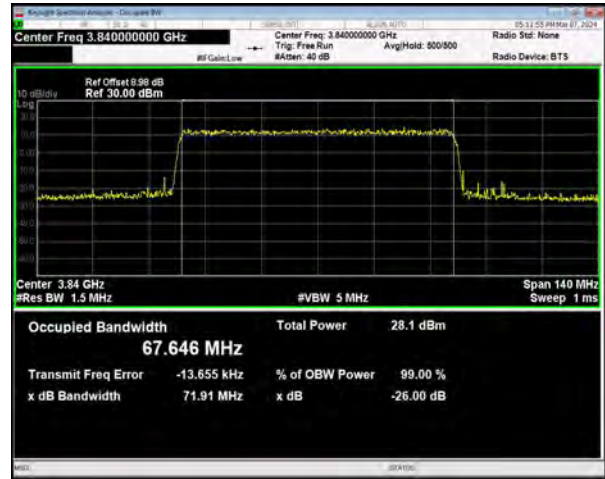
n77(3700-3980) SCS=30kHz CP_64QAM BW=60MHz
Channel=656000 RB=162@0



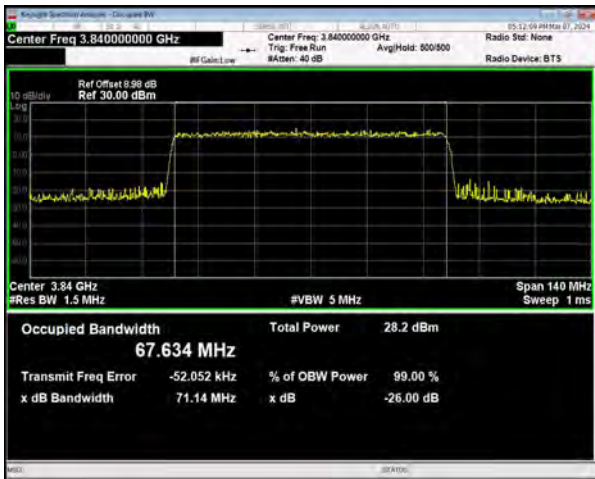
n77(3700-3980) SCS=30kHz CP_256QAM BW=60MHz
Channel=656000 RB=162@0



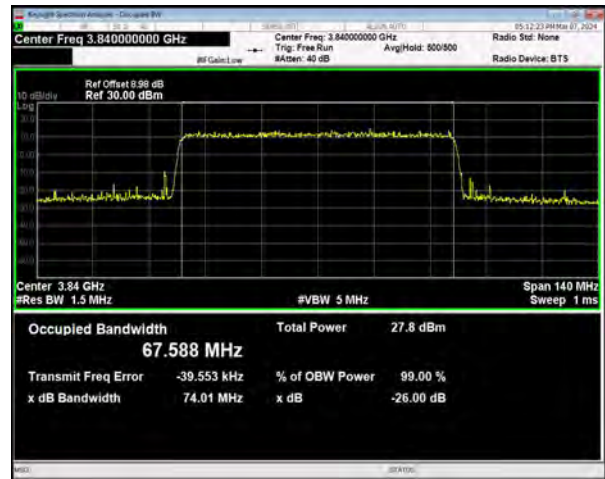
n77(3700-3980) SCS=30kHz DFT_BPSK BW=70MHz
Channel=656000 RB=180@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=70MHz
Channel=656000 RB=189@0



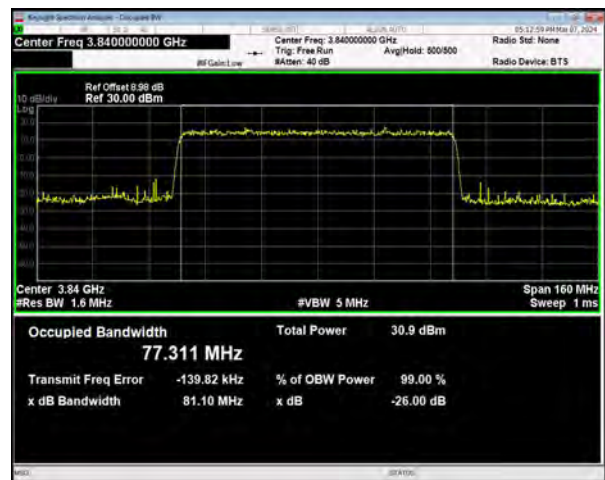
n77(3700-3980) SCS=30kHz CP_16QAM BW=70MHz
Channel=656000 RB=189@0



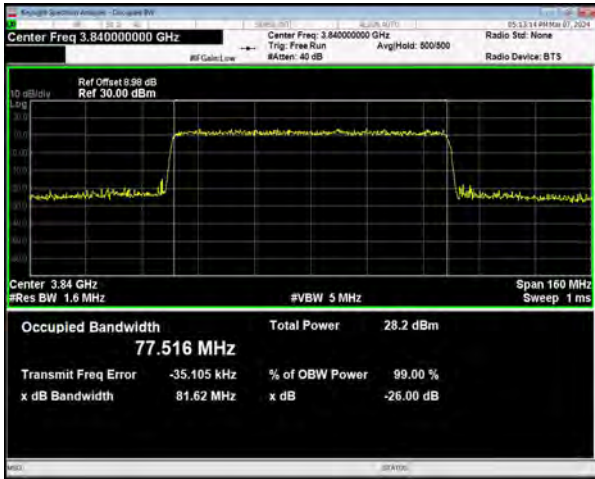
n77(3700-3980) SCS=30kHz CP_64QAM BW=70MHz
Channel=656000 RB=189@0



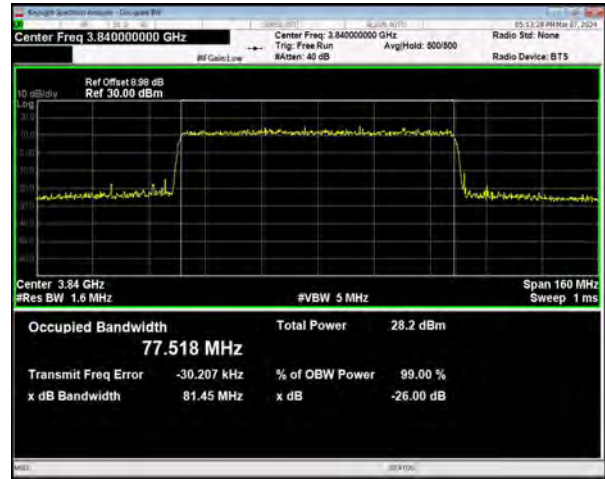
n77(3700-3980) SCS=30kHz CP_256QAM BW=70MHz
Channel=656000 RB=189@0



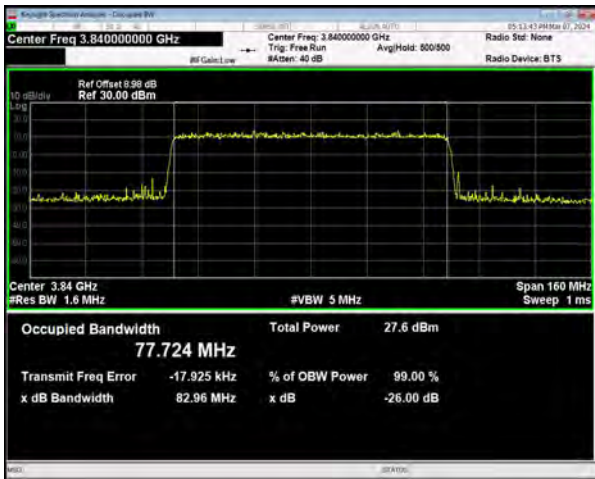
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz
Channel=656000 RB=216@0



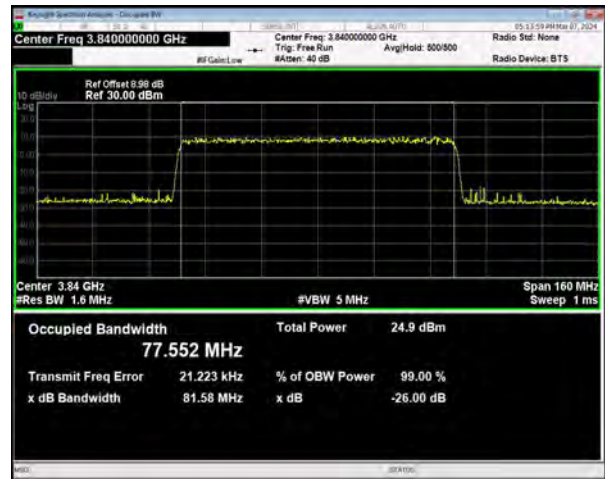
n77(3700-3980) SCS=30kHz CP_QPSK BW=80MHz
Channel=656000 RB=217@0



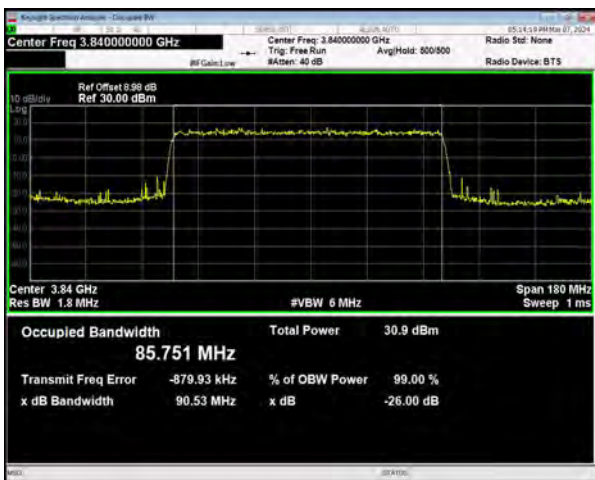
n77(3700-3980) SCS=30kHz CP_16QAM BW=80MHz
Channel=656000 RB=217@0



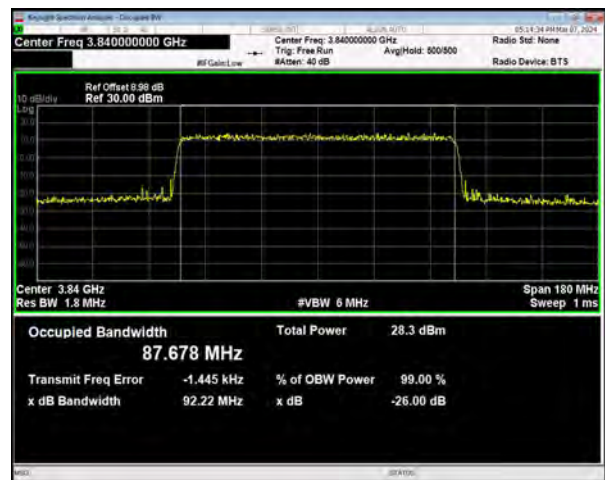
n77(3700-3980) SCS=30kHz CP_64QAM BW=80MHz
Channel=656000 RB=217@0



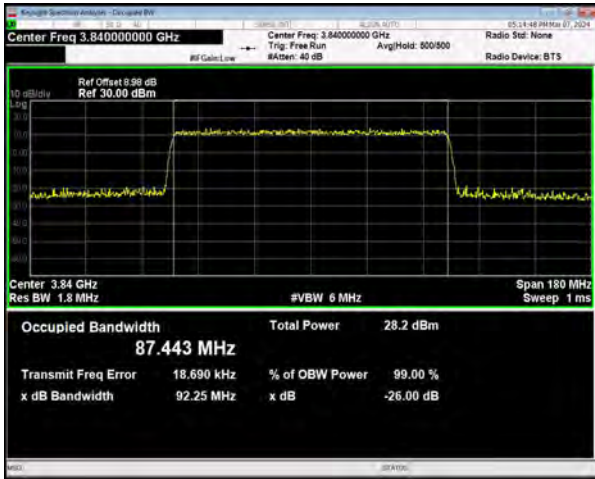
n77(3700-3980) SCS=30kHz CP_256QAM BW=80MHz
Channel=656000 RB=217@0



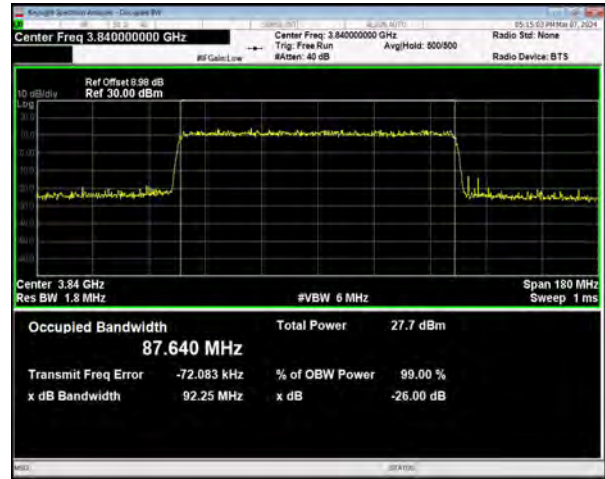
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz
Channel=656000 RB=240@0



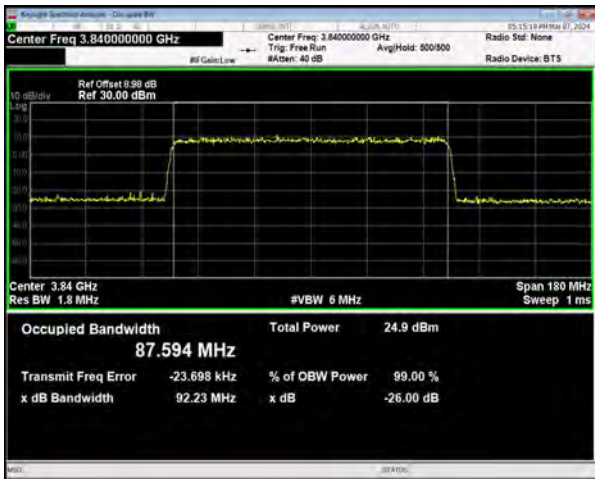
n77(3700-3980) SCS=30kHz CP_QPSK BW=90MHz
Channel=656000 RB=245@0



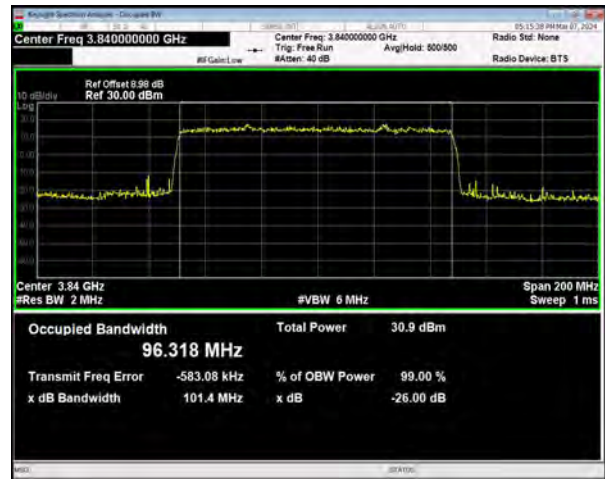
n77(3700-3980) SCS=30kHz CP_16QAM BW=90MHz
Channel=656000 RB=245@0



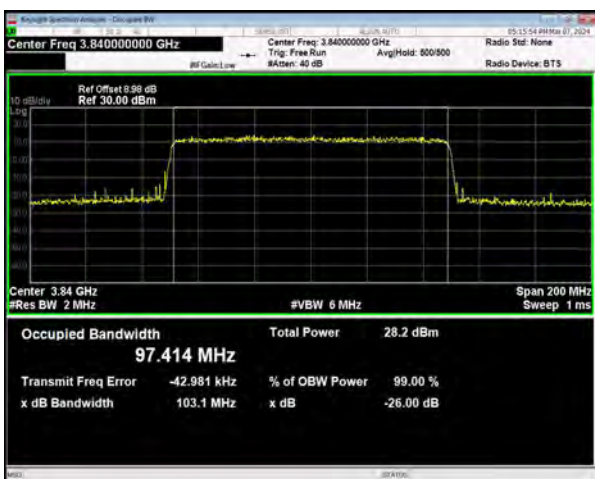
n77(3700-3980) SCS=30kHz CP_64QAM BW=90MHz
Channel=656000 RB=245@0



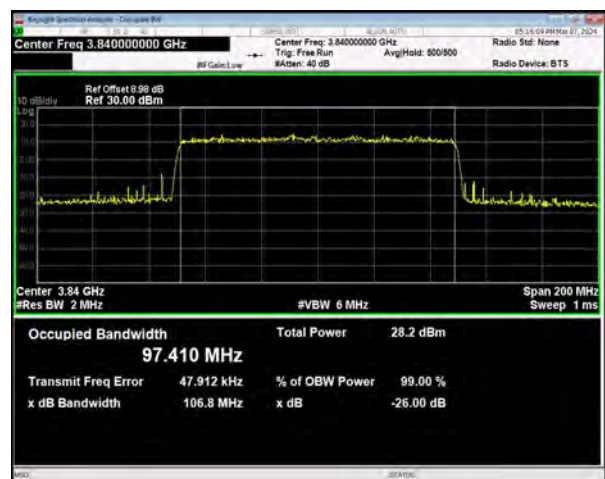
n77(3700-3980) SCS=30kHz CP_256QAM BW=90MHz
Channel=656000 RB=245@0



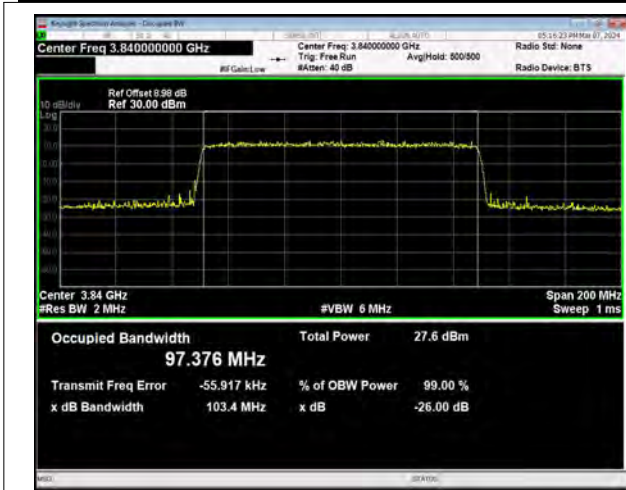
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz
Channel=656000 RB=270@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz
Channel=656000 RB=273@0



n77(3700-3980) SCS=30kHz CP_16QAM BW=100MHz
Channel=656000 RB=273@0

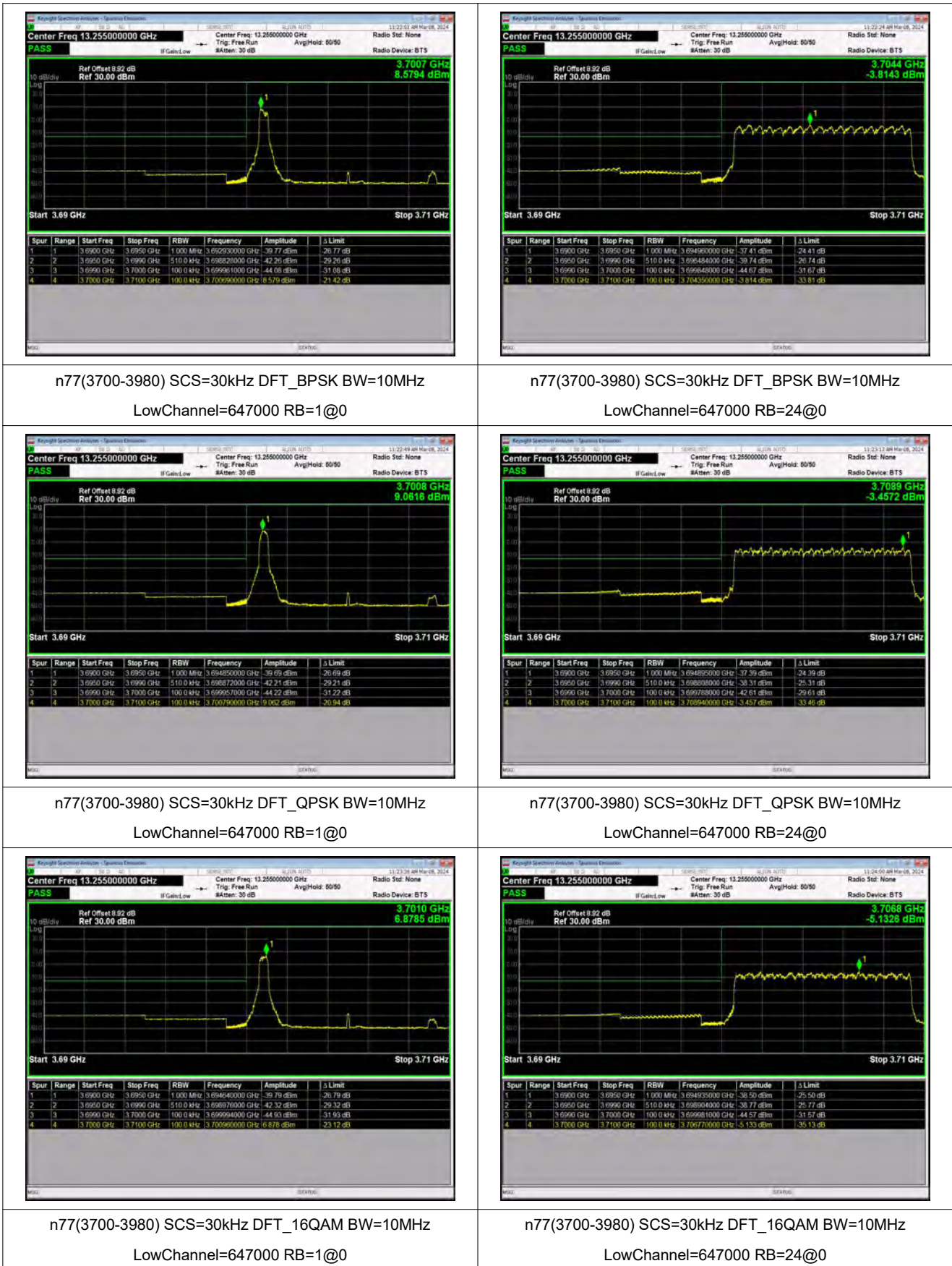


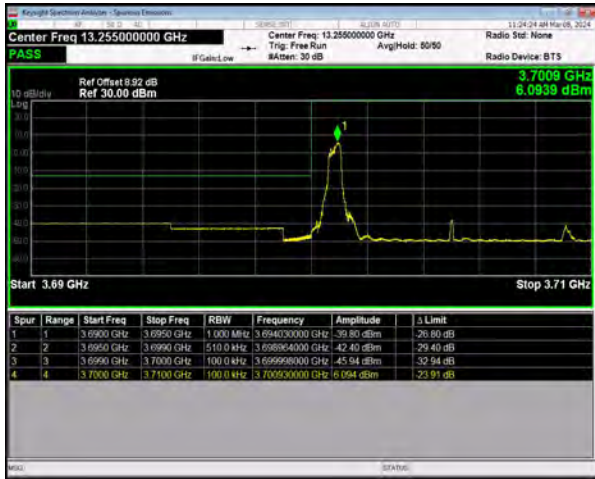
n77(3700-3980) SCS=30kHz CP_64QAM BW=100MHz
Channel=656000 RB=273@0



n77(3700-3980) SCS=30kHz CP_256QAM BW=100MHz
Channel=656000 RB=273@0

5. Conducted Band Edge





n77(3700-3980) SCS=30kHz DFT_64QAM BW=10MHz
LowChannel=647000 RB=1@0



n77(3700-3980) SCS=30kHz DFT_64QAM BW=10MHz
LowChannel=647000 RB=24@0



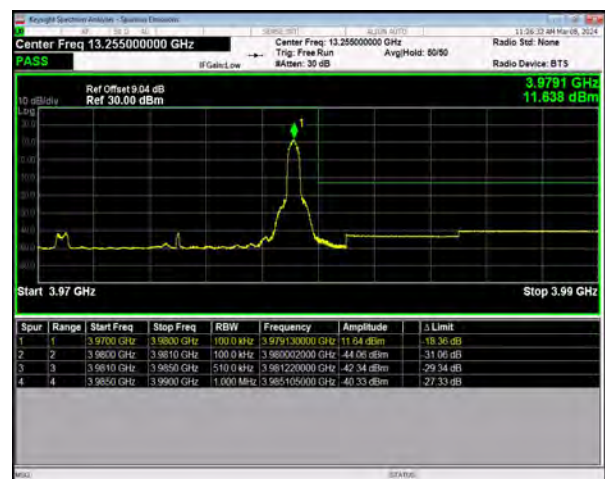
n77(3700-3980) SCS=30kHz DFT_256QAM BW=10MHz
LowChannel=647000 RB=1@0



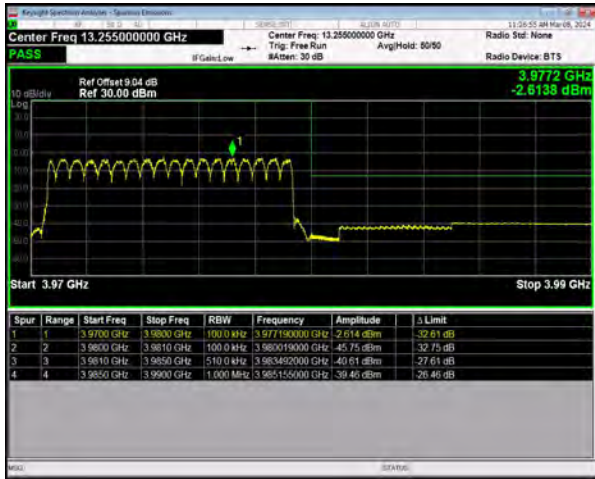
n77(3700-3980) SCS=30kHz DFT_256QAM BW=10MHz
LowChannel=647000 RB=24@0



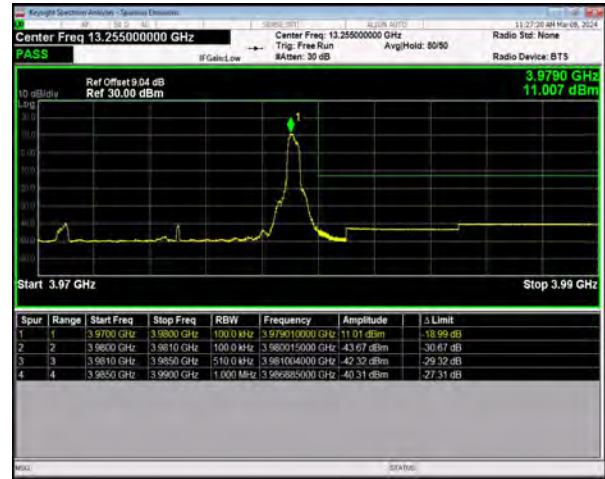
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz
LowChannel=647000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz
HighChannel=665000 RB=1@23



n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz
HighChannel=665000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz
HighChannel=665000 RB=1@23



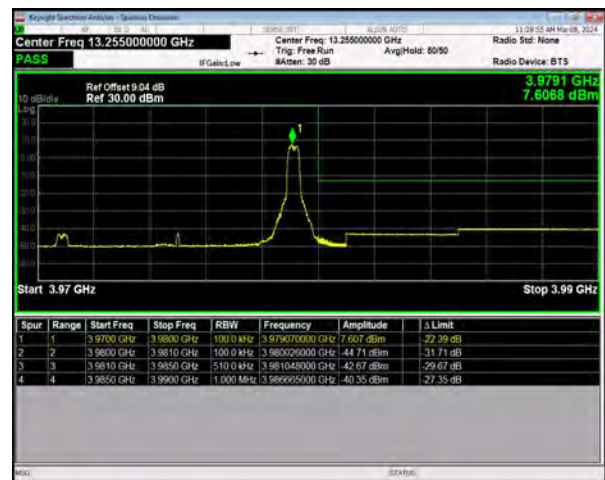
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz
HighChannel=665000 RB=24@0



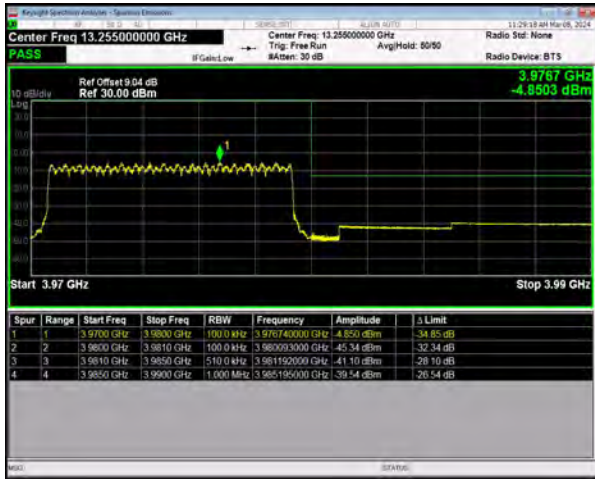
n77(3700-3980) SCS=30kHz DFT_16QAM BW=10MHz
HighChannel=665000 RB=1@23



n77(3700-3980) SCS=30kHz DFT_16QAM BW=10MHz
HighChannel=665000 RB=24@0



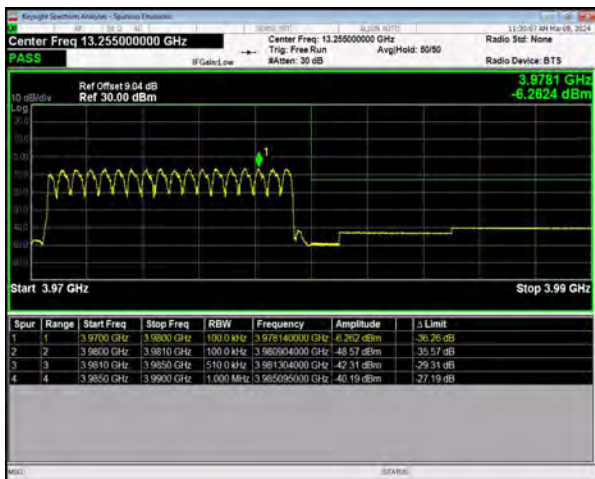
n77(3700-3980) SCS=30kHz DFT_64QAM BW=10MHz
HighChannel=665000 RB=1@23



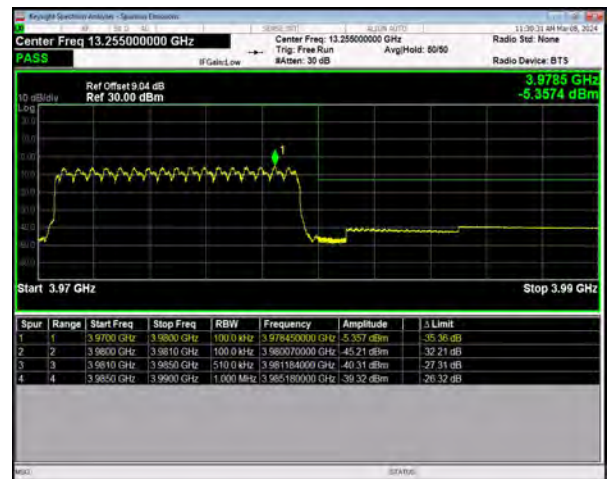
n77(3700-3980) SCS=30kHz DFT_64QAM BW=10MHz
HighChannel=665000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_256QAM BW=10MHz
HighChannel=665000 RB=1@23



n77(3700-3980) SCS=30kHz DFT_256QAM BW=10MHz
HighChannel=665000 RB=24@0



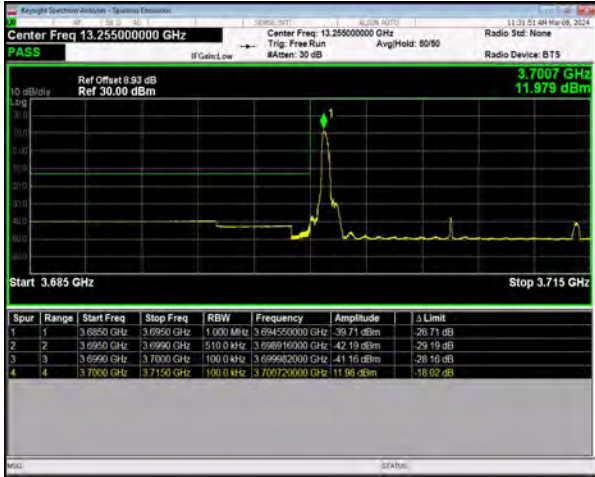
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz
HighChannel=665000 RB=24@0



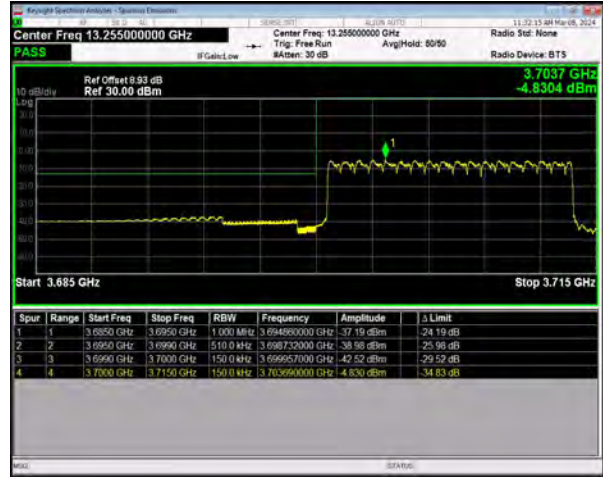
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz
LowChannel=647168 RB=1@0



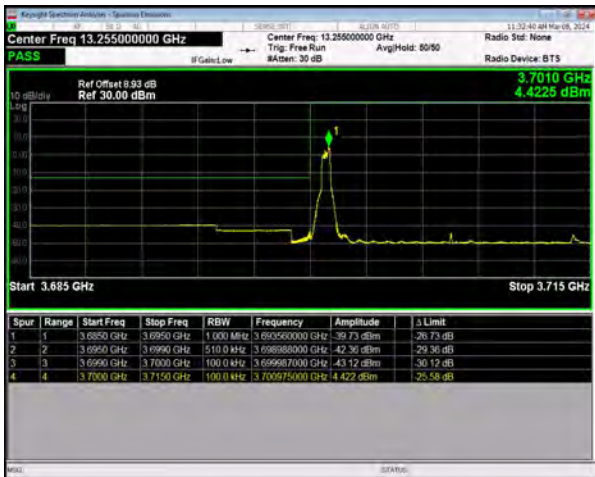
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz
LowChannel=647168 RB=36@0



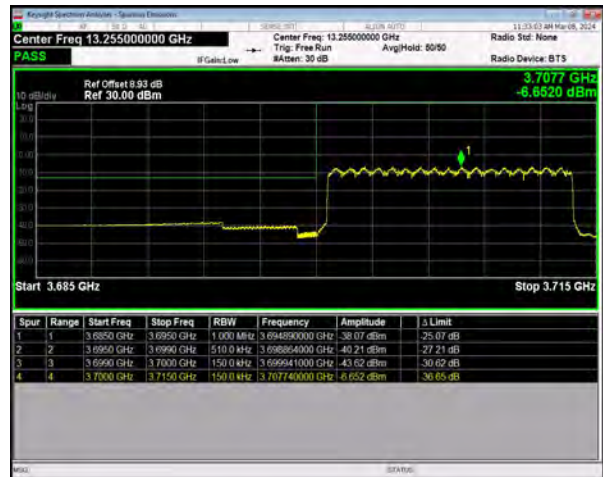
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz
LowChannel=647168 RB=1@0



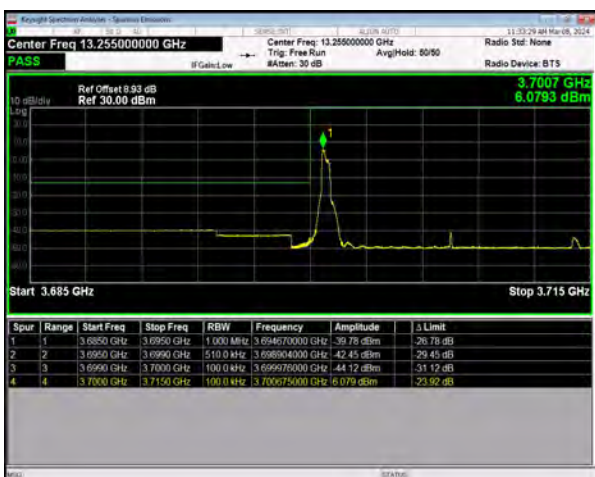
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz
LowChannel=647168 RB=36@0



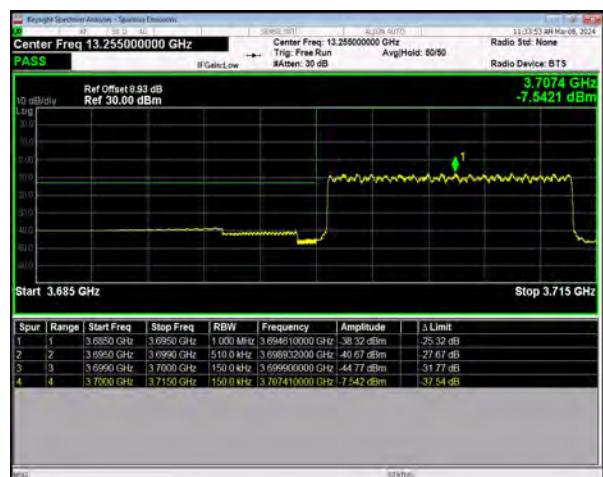
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LowChannel=647168 RB=1@0



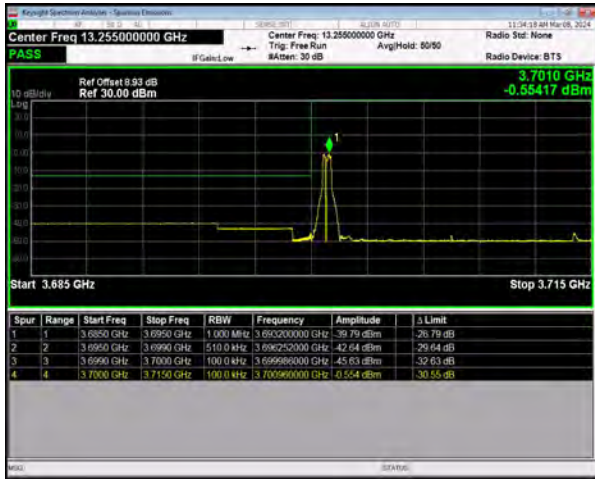
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LowChannel=647168 RB=36@0



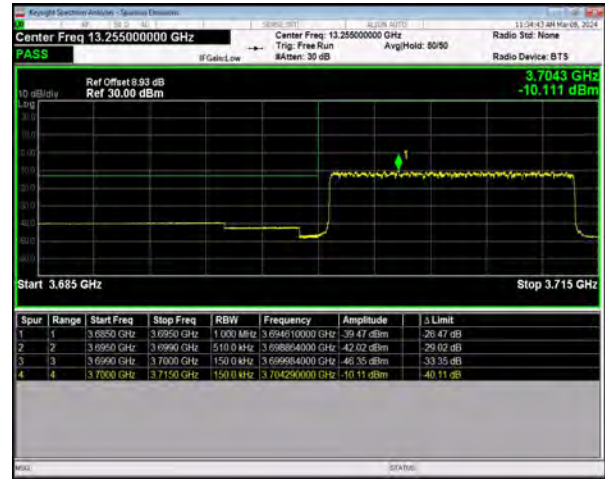
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LowChannel=647168 RB=1@0



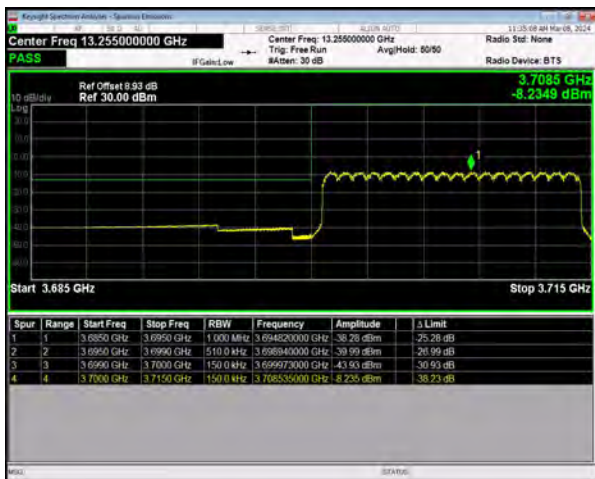
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LowChannel=647168 RB=36@0



n77(3700-3980) SCS=30kHz DFT_256QAM BW=15MHz
LowChannel=647168 RB=1@0



n77(3700-3980) SCS=30kHz DFT_256QAM BW=15MHz
LowChannel=647168 RB=36@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz
LowChannel=647168 RB=38@0



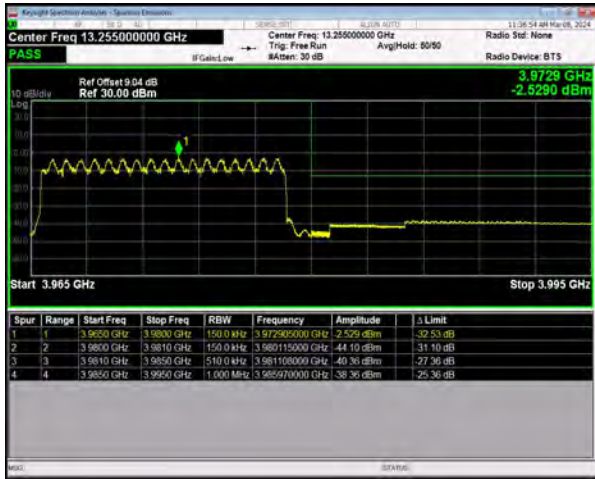
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz
HighChannel=664832 RB=1@37



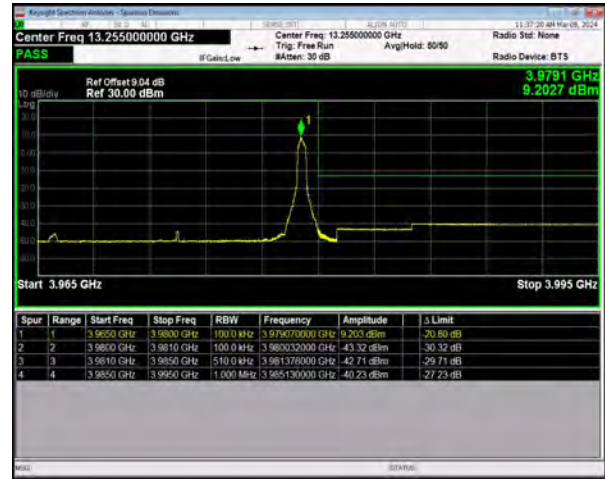
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HighChannel=664832 RB=36@0



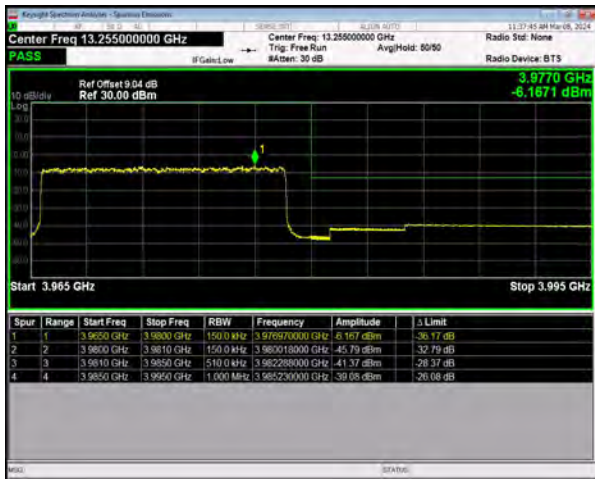
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HighChannel=664832 RB=1@37



n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz
HighChannel=664832 RB=36@0



n77(3700-3980) SCS=30kHz DFT_16QAM BW=15MHz
HighChannel=664832 RB=1@37



n77(3700-3980) SCS=30kHz DFT_16QAM BW=15MHz
HighChannel=664832 RB=36@0



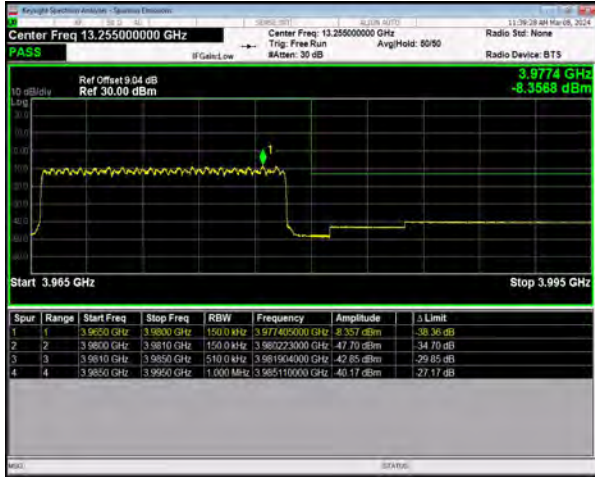
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HighChannel=664832 RB=1@37



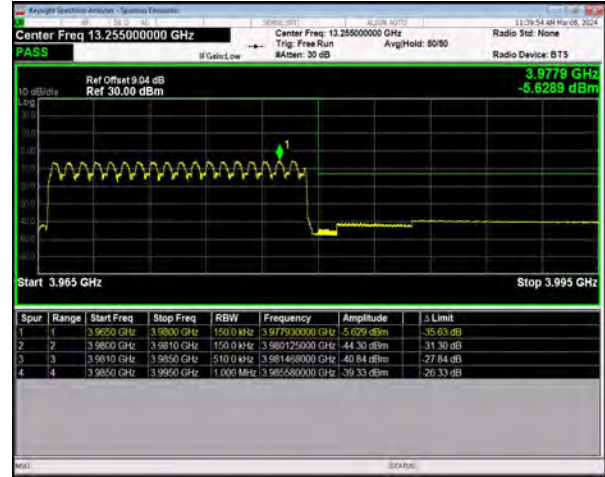
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HighChannel=664832 RB=36@0



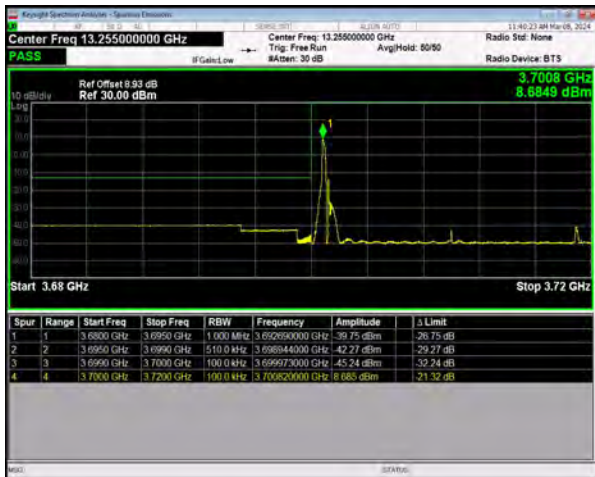
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HighChannel=664832 RB=1@37



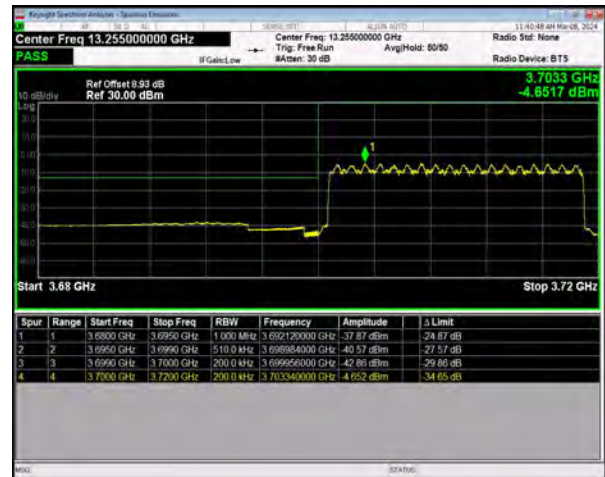
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HighChannel=664832 RB=36@0



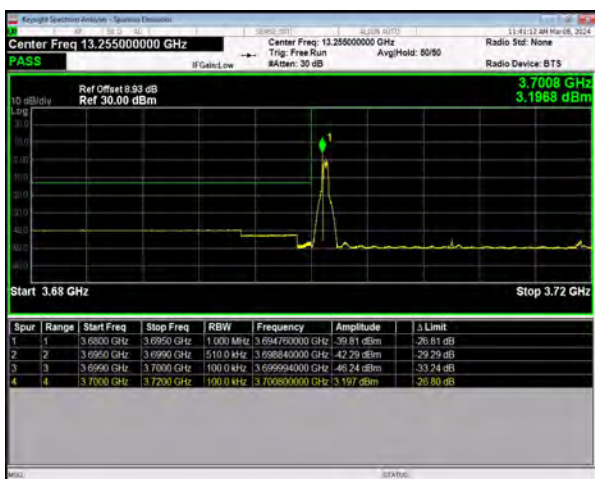
n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz
HighChannel=664832 RB=38@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz
LowChannel=647334 RB=1@0



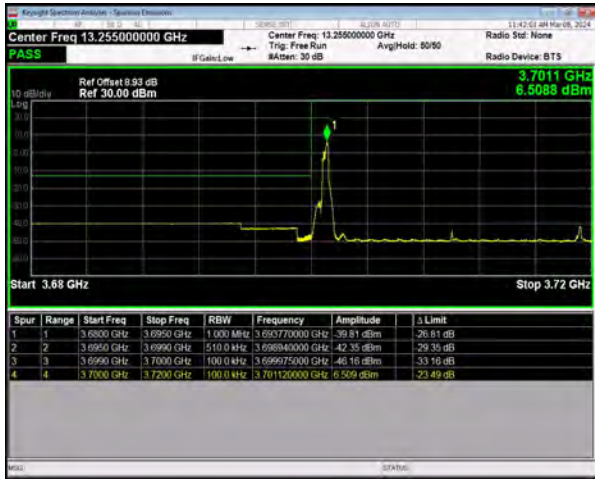
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LowChannel=647334 RB=50@0



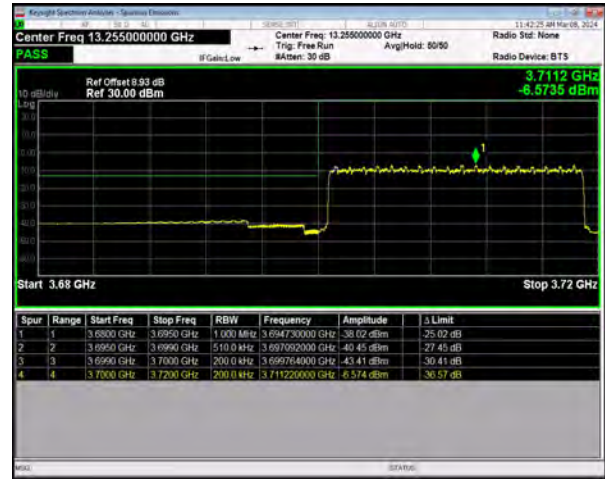
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LowChannel=647334 RB=1@0



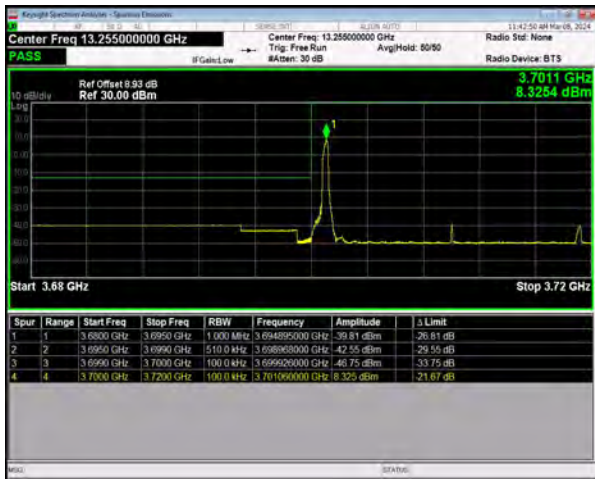
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LowChannel=647334 RB=50@0



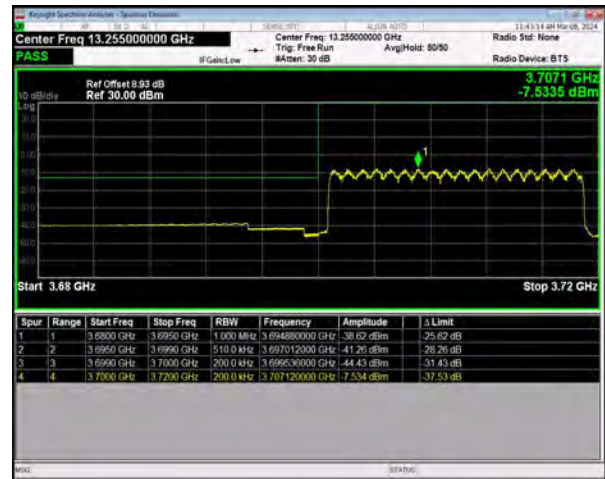
n77(3700-3980) SCS=30kHz DFT_16QAM BW=20MHz
LowChannel=647334 RB=1@0



n77(3700-3980) SCS=30kHz DFT_16QAM BW=20MHz
LowChannel=647334 RB=50@0



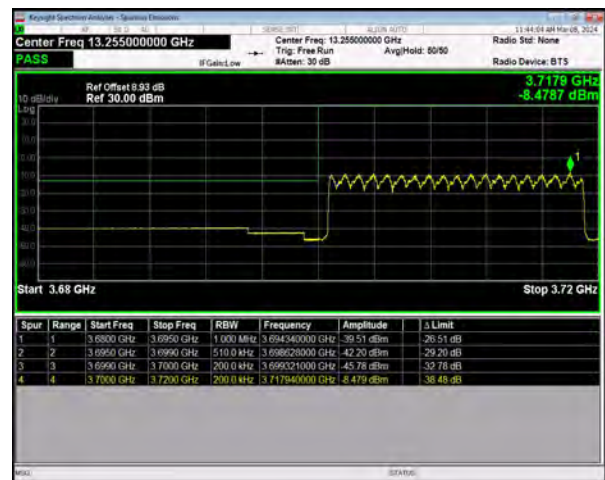
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LowChannel=647334 RB=1@0



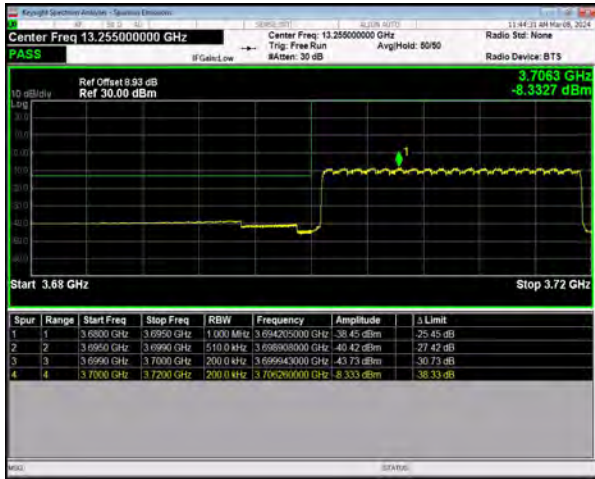
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LowChannel=647334 RB=50@0



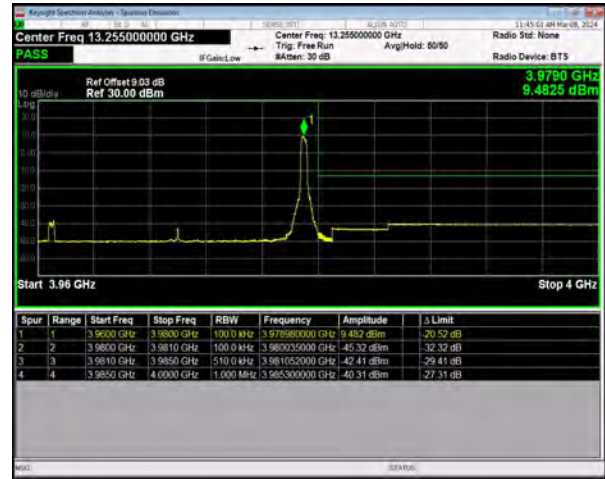
n77(3700-3980) SCS=30kHz DFT_256QAM BW=20MHz
LowChannel=647334 RB=1@0



n77(3700-3980) SCS=30kHz DFT_256QAM BW=20MHz
LowChannel=647334 RB=50@0



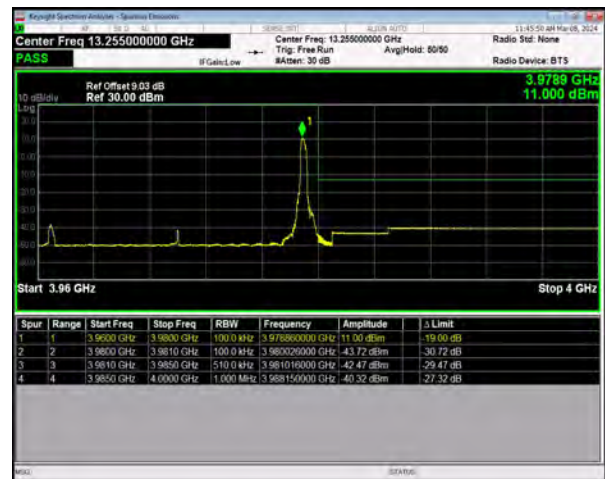
n77(3700-3980) SCS=30kHz CP_QPSK BW=20MHz
LowChannel=647334 RB=51@0



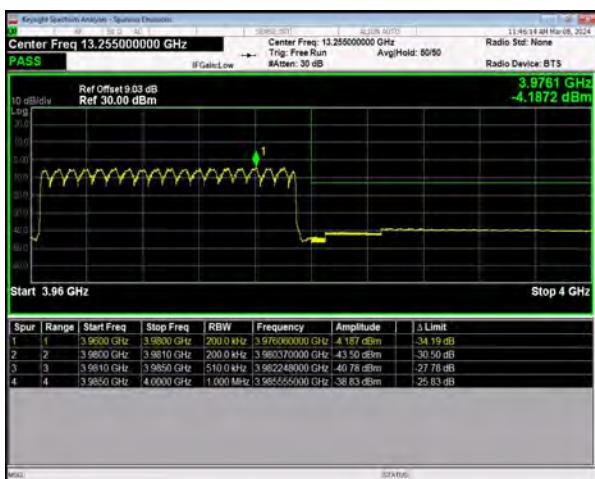
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz
HighChannel=664666 RB=1@50



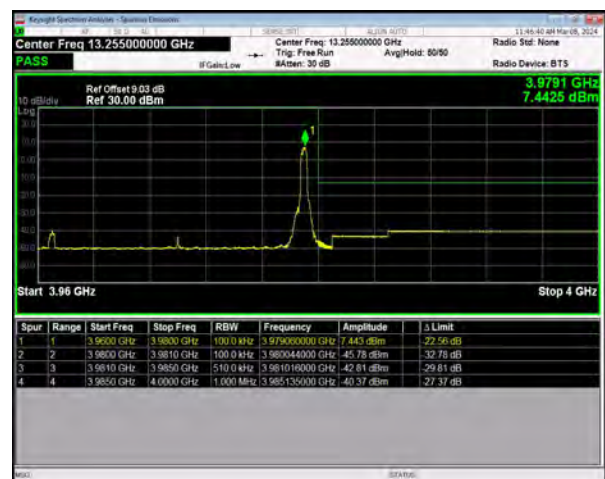
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HighChannel=664666 RB=50@0



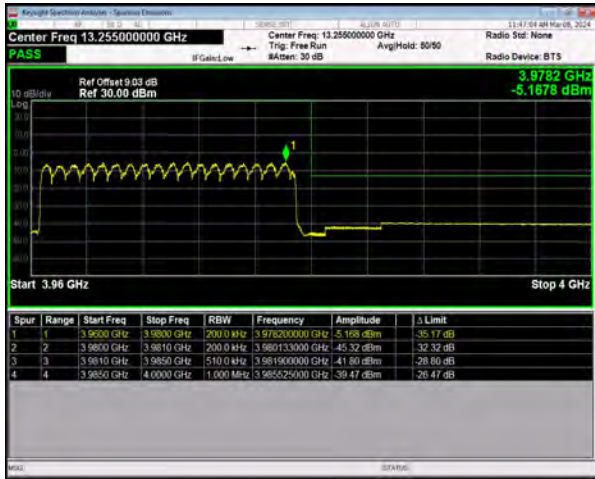
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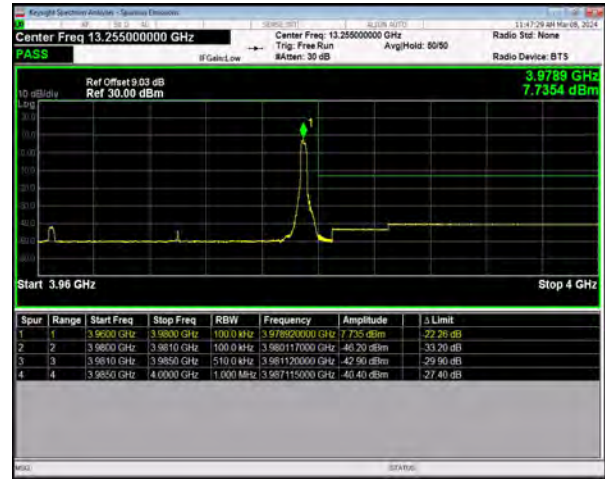
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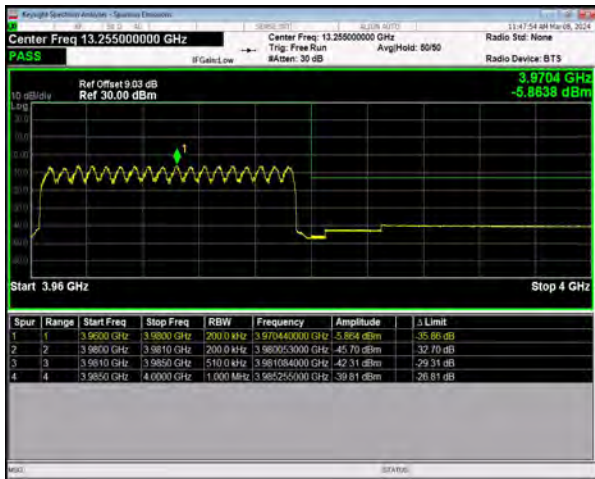
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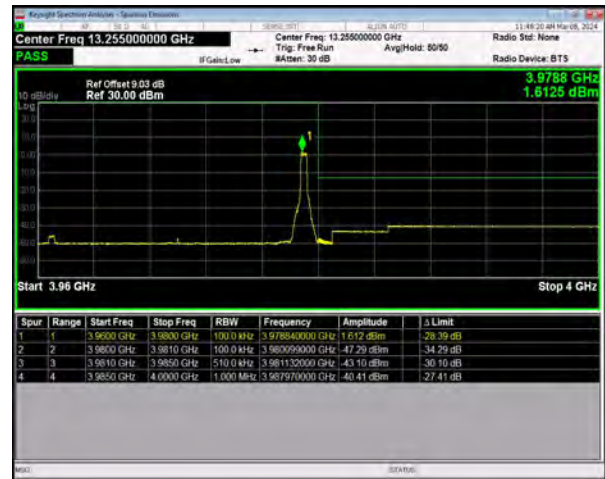
n77(3700-3980) SCS=30kHz DFT_16QAM BW=20MHz
HighChannel=664666 RB=50@0



n77(3700-3980) SCS=30kHz DFT_64QAM BW=20MHz
HighChannel=664666 RB=1@50



n77(3700-3980) SCS=30kHz DFT_64QAM BW=20MHz
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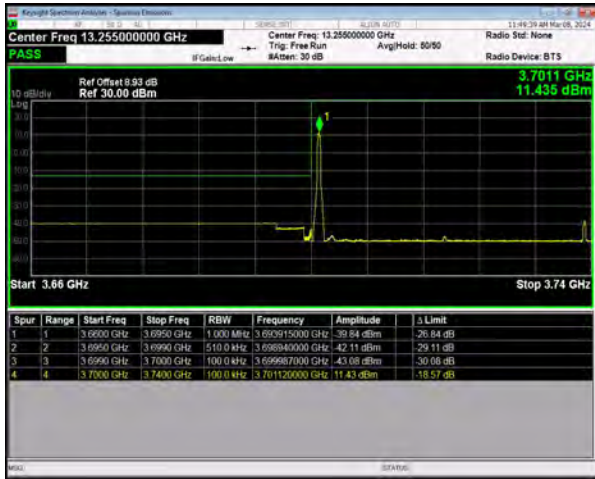
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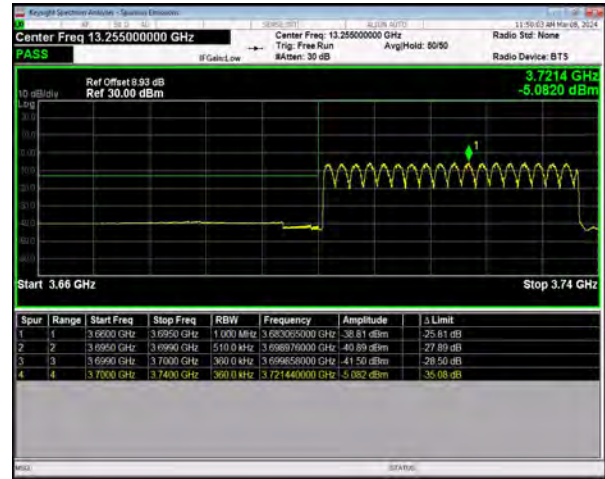
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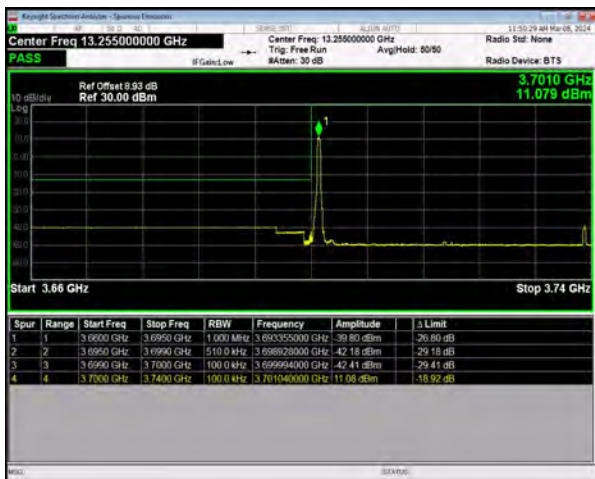
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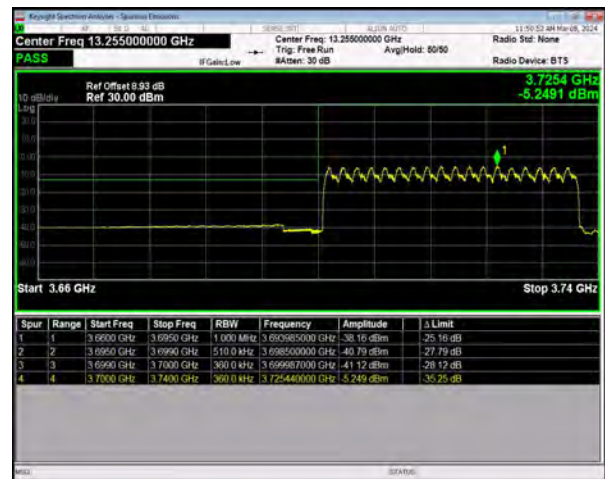
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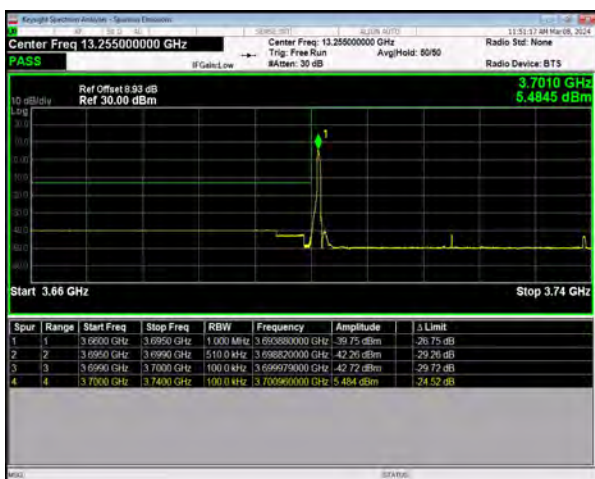
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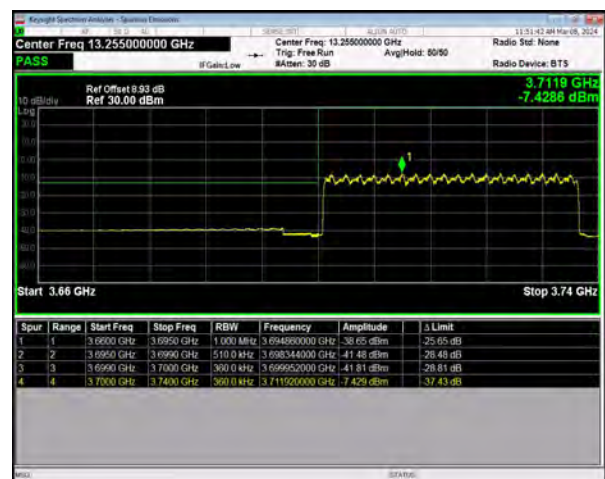
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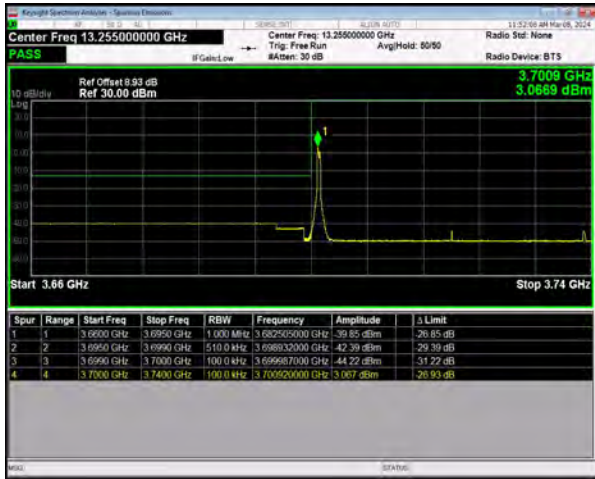
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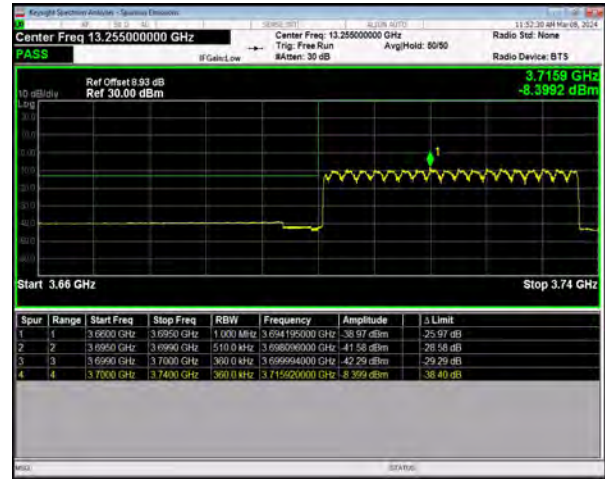
n77(3700-3980) SCS=30kHz DFT_16QAM BW=40MHz
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n77(3700-3980) SCS=30kHz DFT_16QAM BW=40MHz
LowChannel=648000 RB=100@0



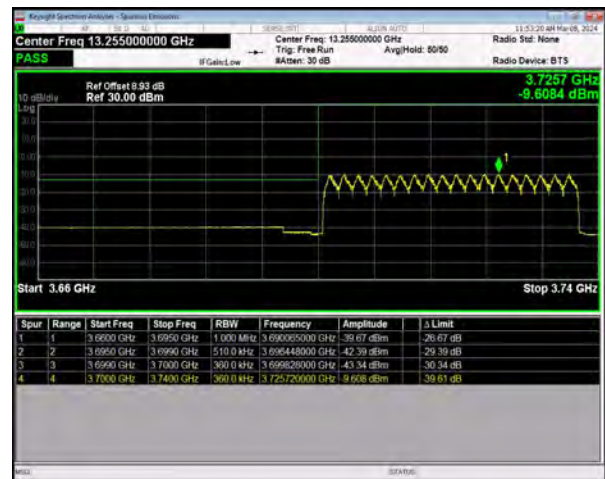
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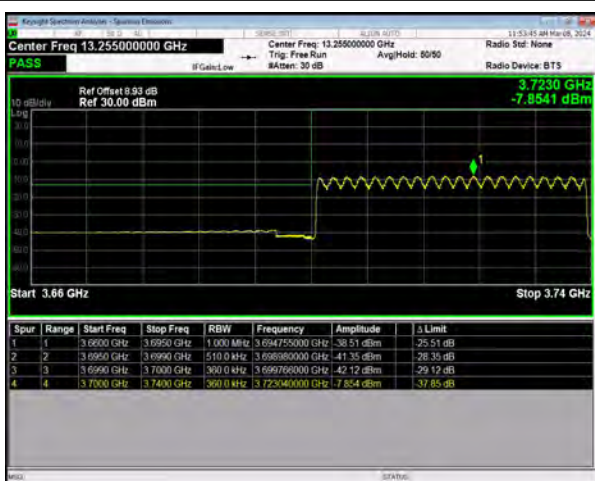
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LowChannel=648000 RB=100@0



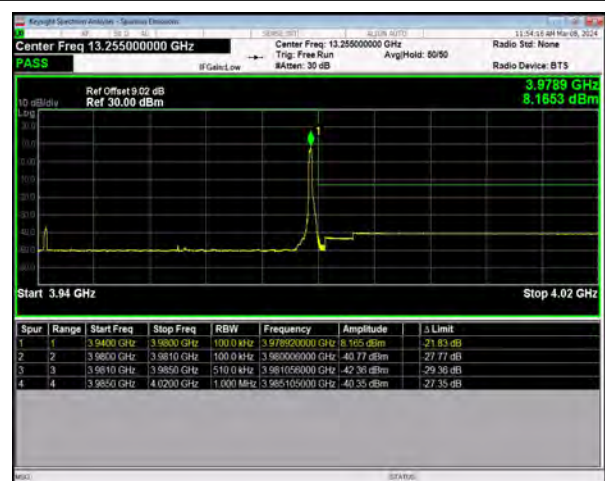
n77(3700-3980) SCS=30kHz DFT_256QAM BW=40MHz
LowChannel=648000 RB=1@0



n77(3700-3980) SCS=30kHz DFT_256QAM BW=40MHz
LowChannel=648000 RB=100@0



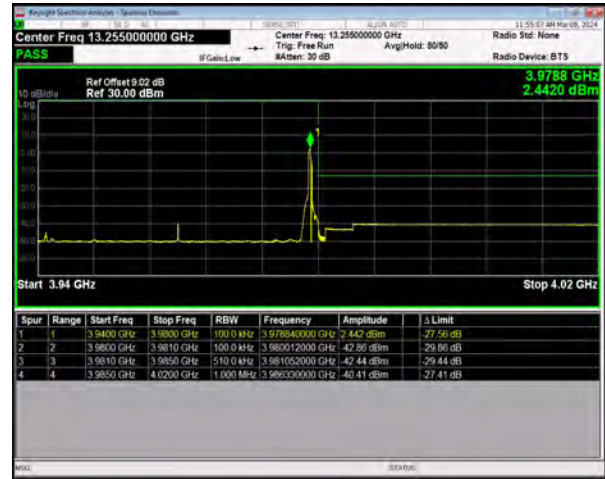
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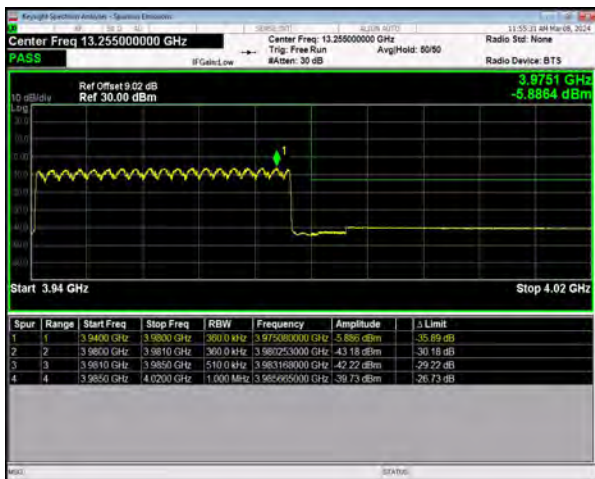
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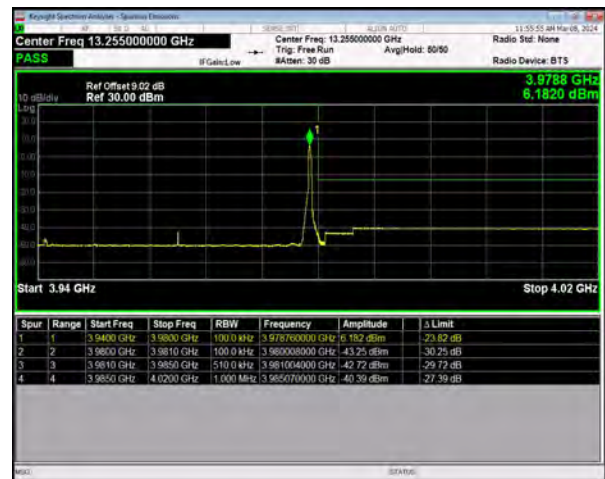
n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz
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n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz
HighChannel=664000 RB=1@105



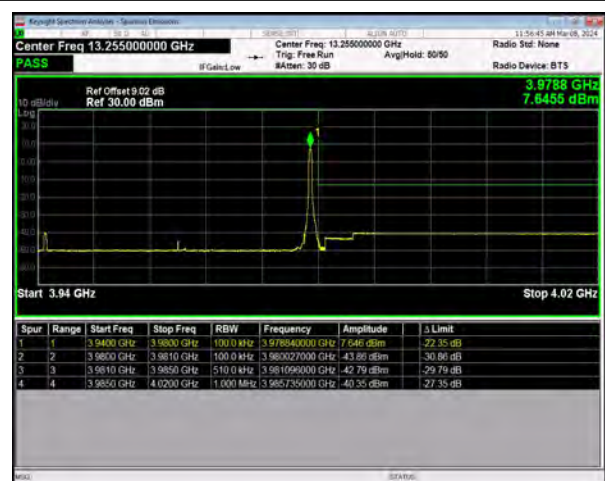
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n77(3700-3980) SCS=30kHz DFT_16QAM BW=40MHz
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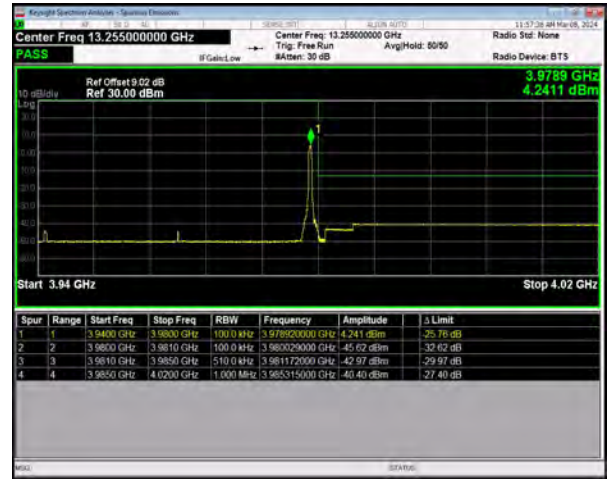
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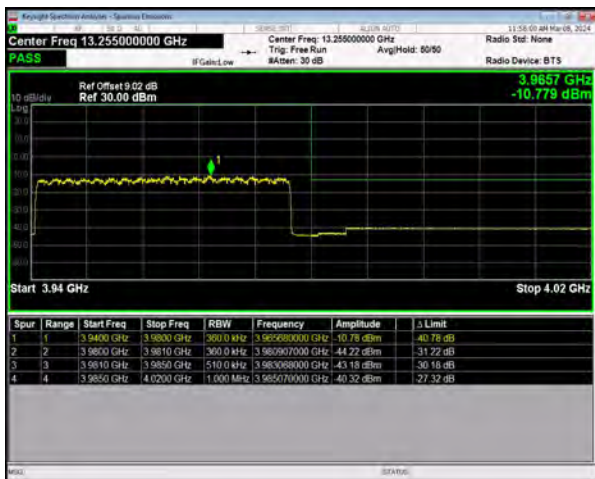
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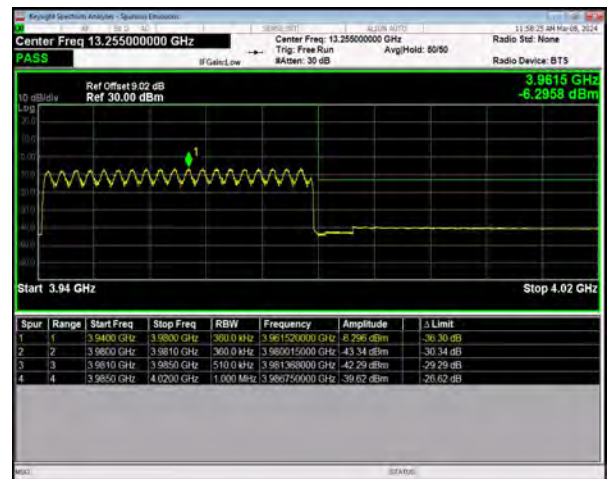
n77(3700-3980) SCS=30kHz DFT_64QAM BW=40MHz
HighChannel=664000 RB=100@0



n77(3700-3980) SCS=30kHz DFT_256QAM BW=40MHz
HighChannel=664000 RB=1@105



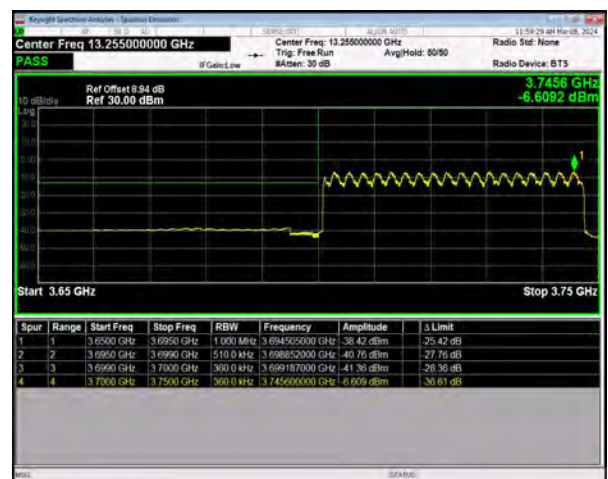
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HighChannel=664000 RB=100@0



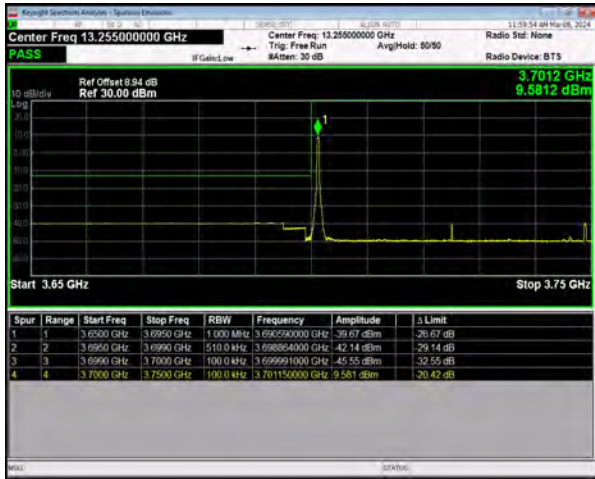
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HighChannel=664000 RB=106@0



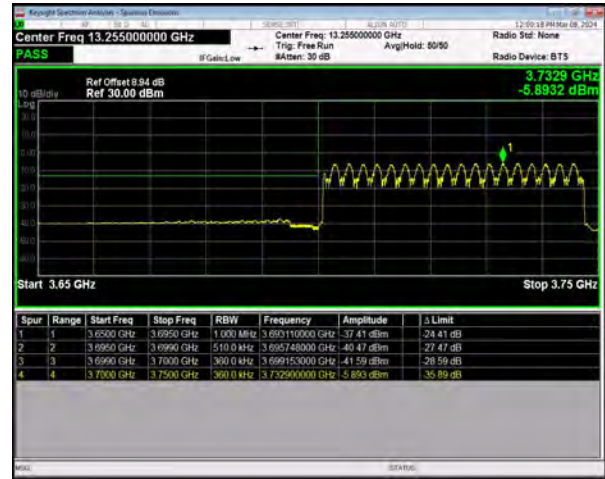
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz
LowChannel=648334 RB=1@0



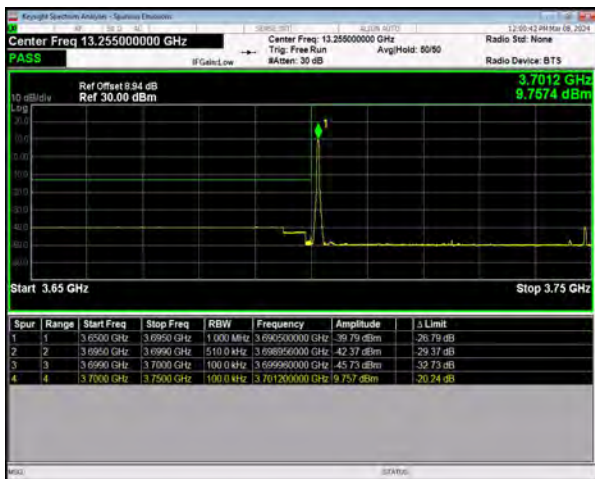
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz
LowChannel=648334 RB=128@0



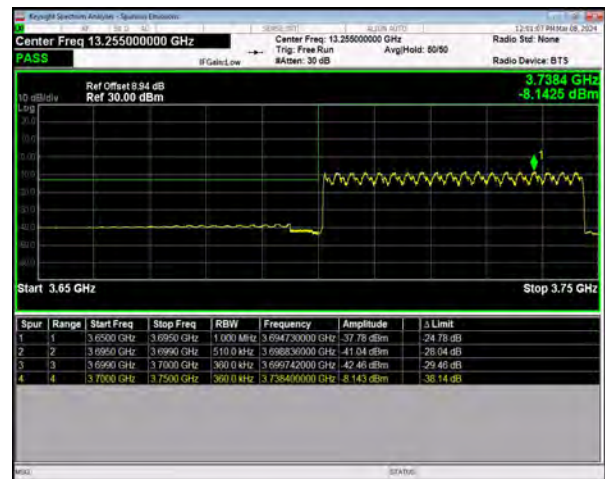
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz
LowChannel=648334 RB=1@0



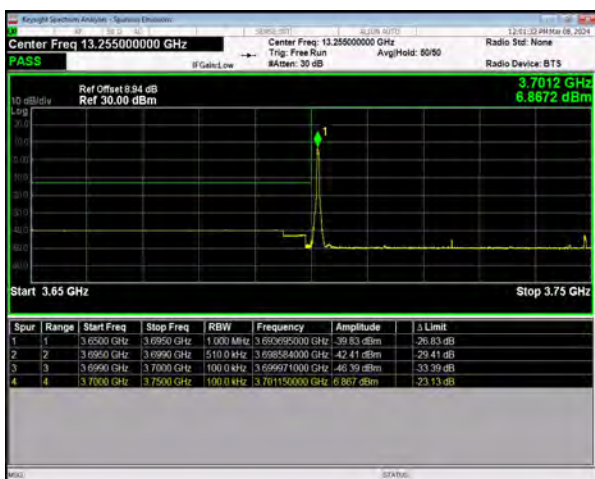
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LowChannel=648334 RB=128@0



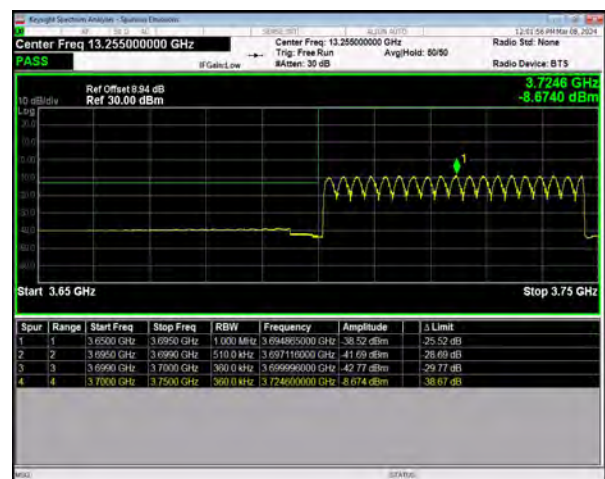
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LowChannel=648334 RB=1@0



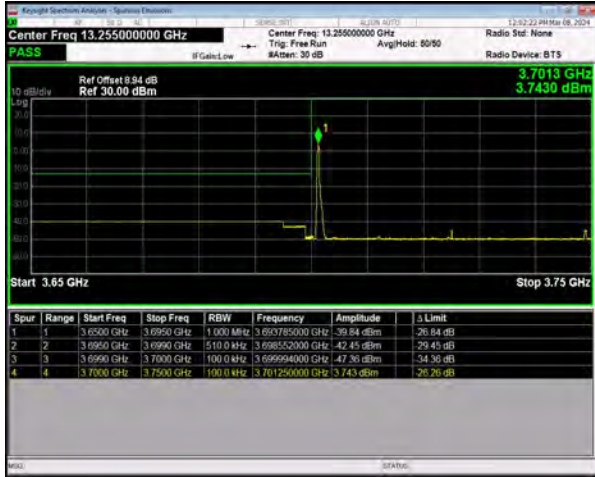
n77(3700-3980) SCS=30kHz DFT_16QAM BW=50MHz
LowChannel=648334 RB=128@0



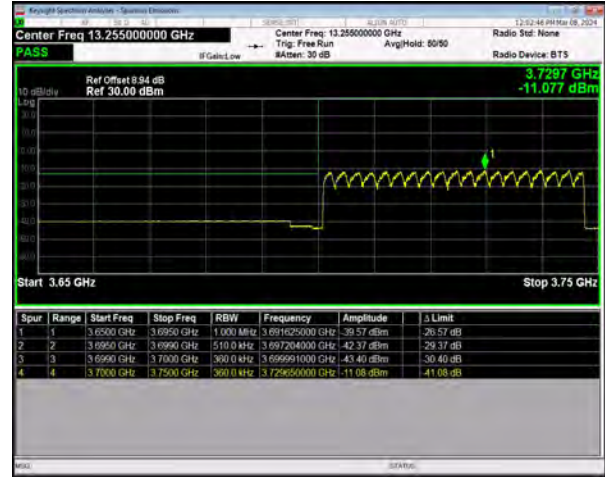
n77(3700-3980) SCS=30kHz DFT_64QAM BW=50MHz
LowChannel=648334 RB=1@0



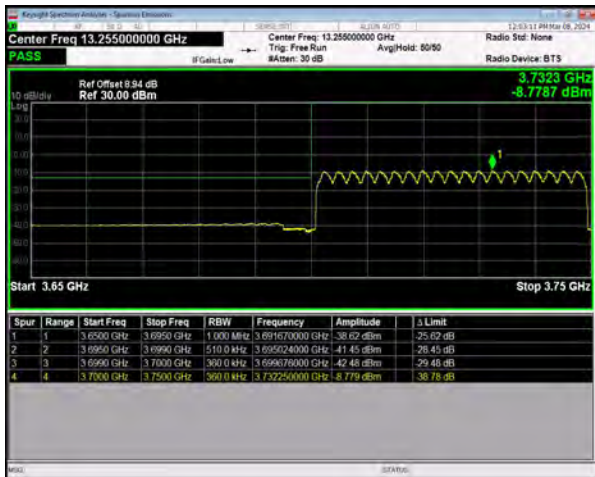
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LowChannel=648334 RB=128@0



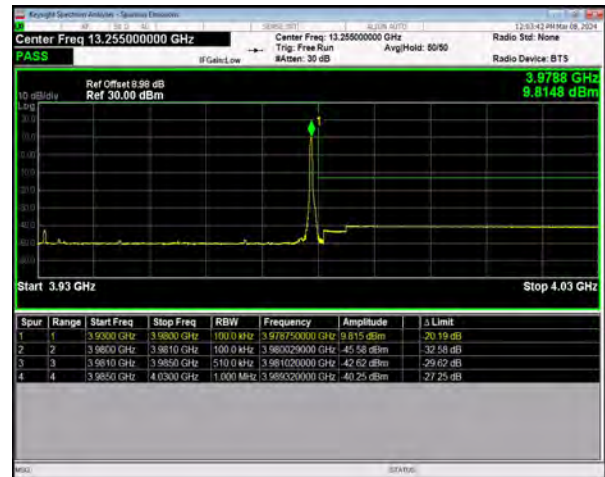
n77(3700-3980) SCS=30kHz DFT_256QAM BW=50MHz
LowChannel=648334 RB=1@0



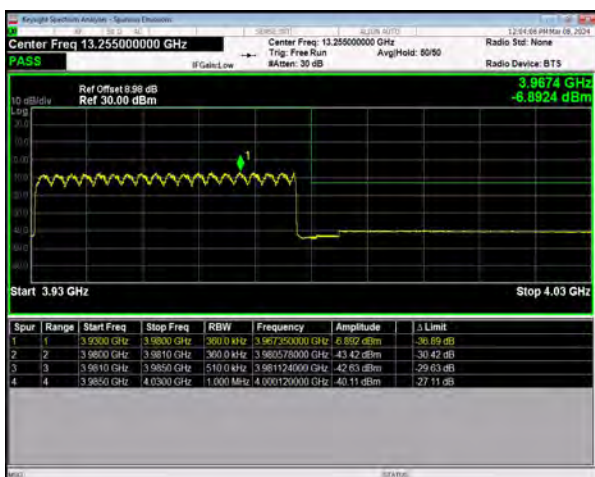
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LowChannel=648334 RB=128@0



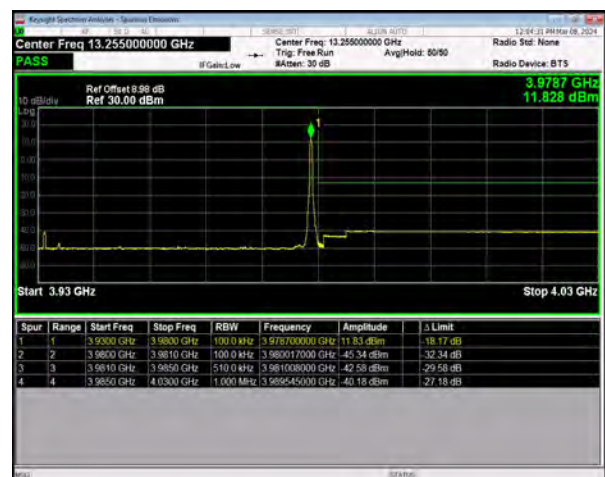
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LowChannel=648334 RB=133@0



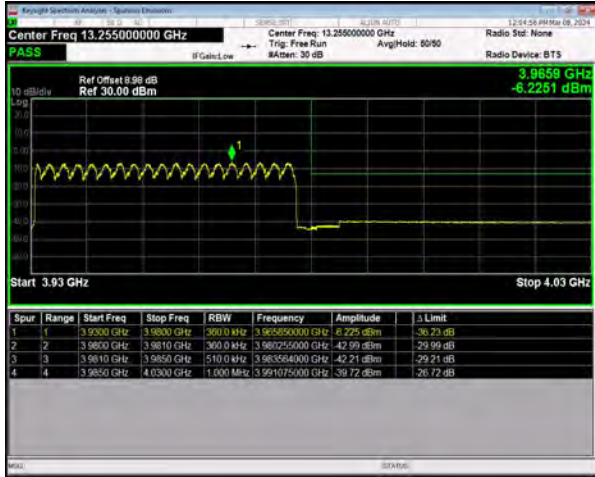
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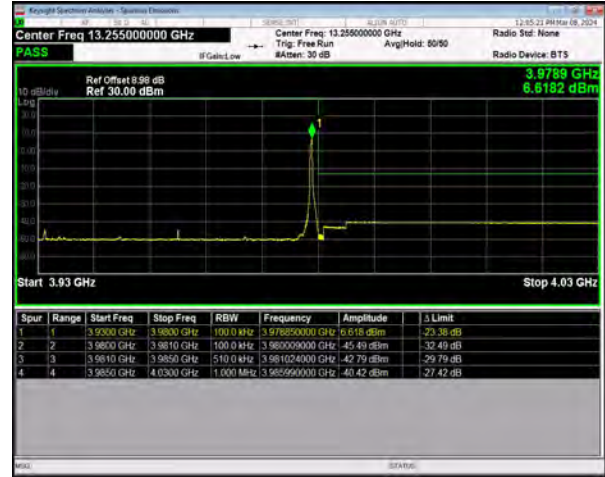
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz
HighChannel=663666 RB=128@0



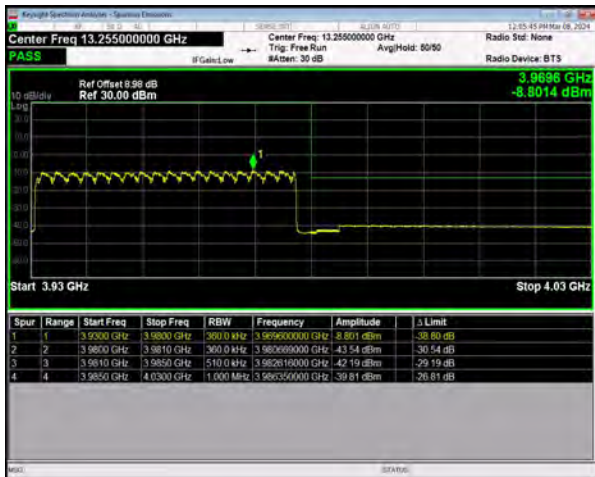
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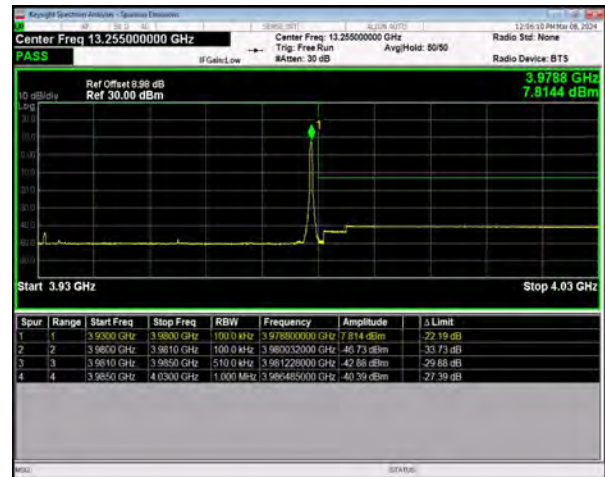
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz
HighChannel=663666 RB=128@0



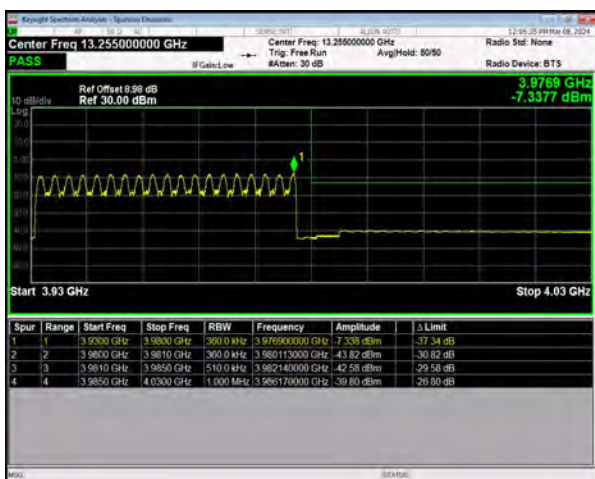
n77(3700-3980) SCS=30kHz DFT_16QAM BW=50MHz
HighChannel=663666 RB=1@132



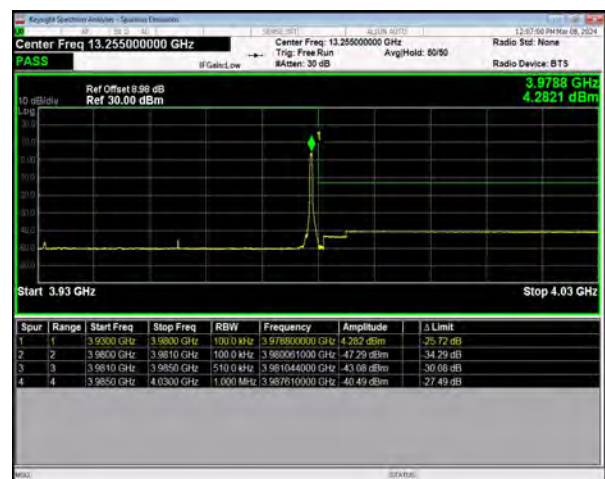
n77(3700-3980) SCS=30kHz DFT_16QAM BW=50MHz
HighChannel=663666 RB=128@0



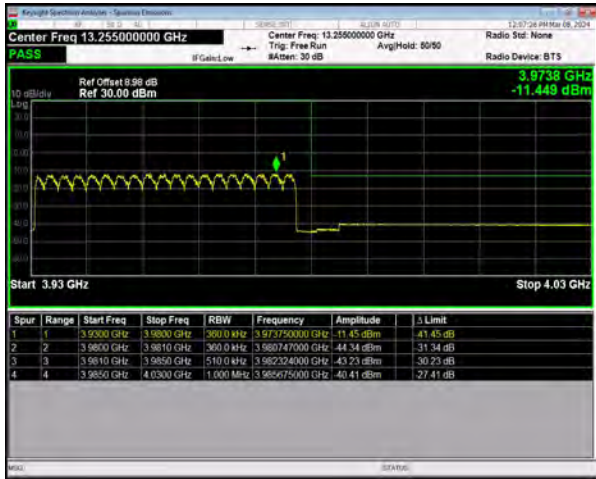
n77(3700-3980) SCS=30kHz DFT_64QAM BW=50MHz
HighChannel=663666 RB=1@132



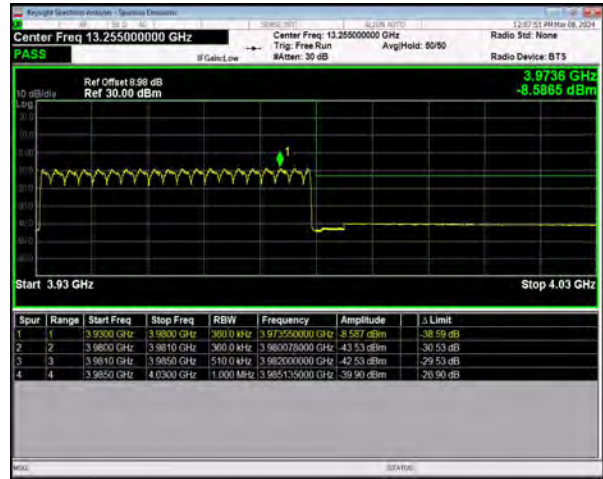
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HighChannel=663666 RB=128@0



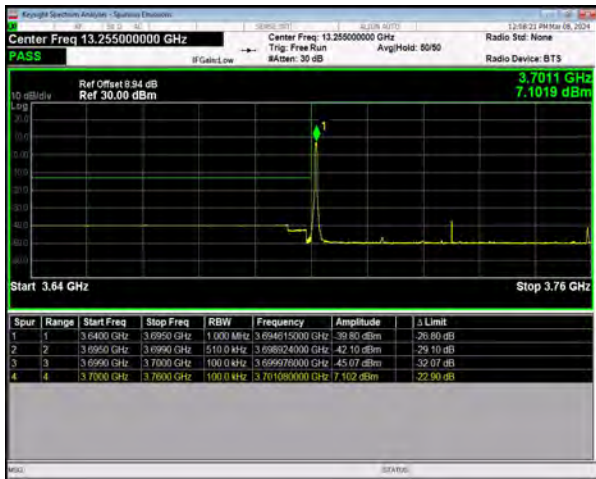
n77(3700-3980) SCS=30kHz DFT_256QAM BW=50MHz
HighChannel=663666 RB=1@132



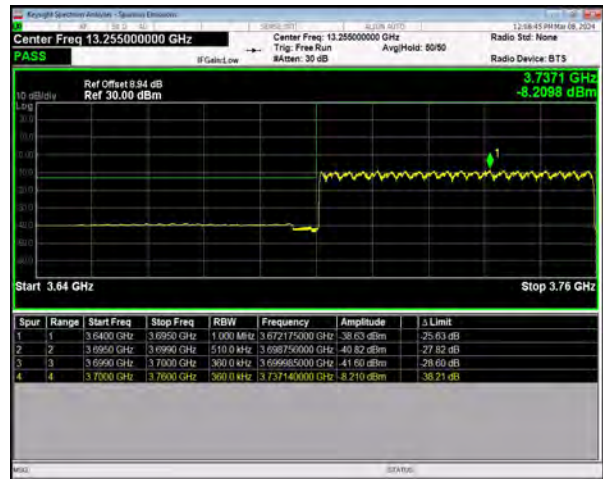
n77(3700-3980) SCS=30kHz DFT_256QAM BW=50MHz
HighChannel=663666 RB=128@0



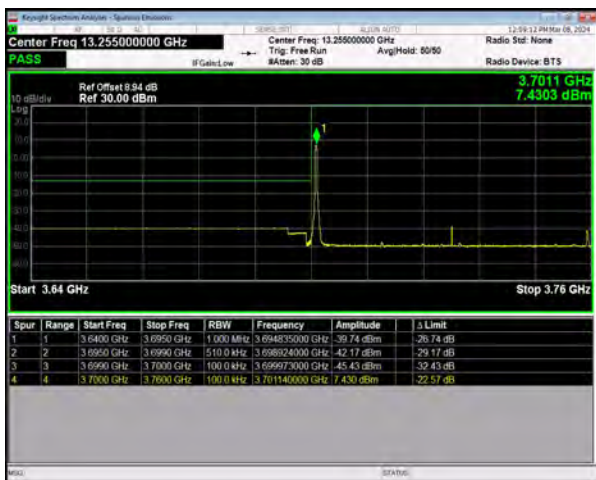
n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz
HighChannel=663666 RB=133@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz
LowChannel=648668 RB=1@0



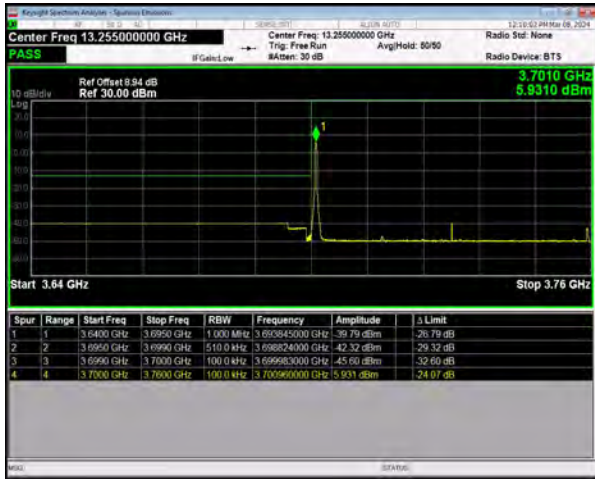
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz
LowChannel=648668 RB=162@0



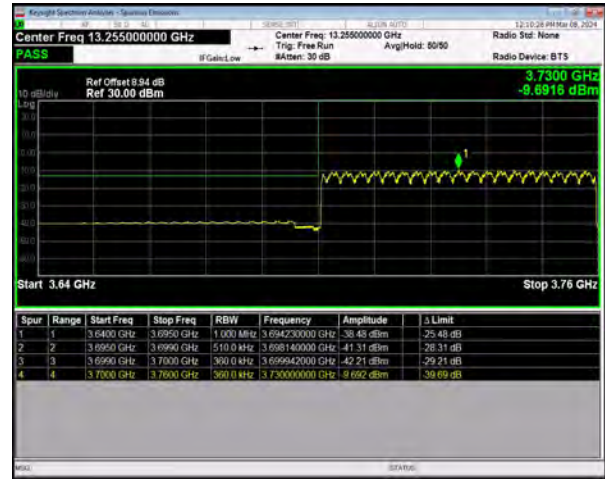
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz
LowChannel=648668 RB=1@0



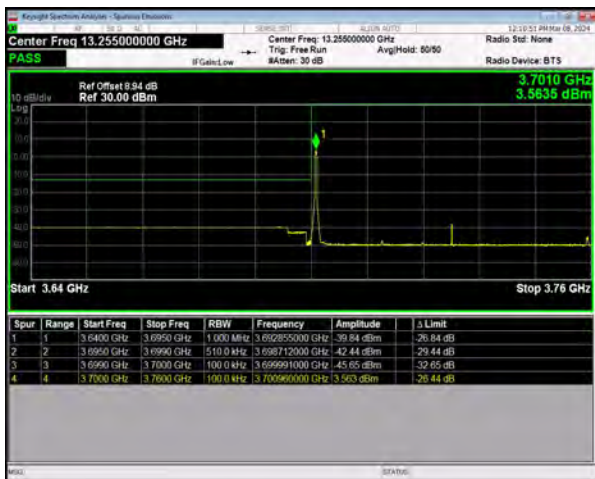
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz
LowChannel=648668 RB=162@0



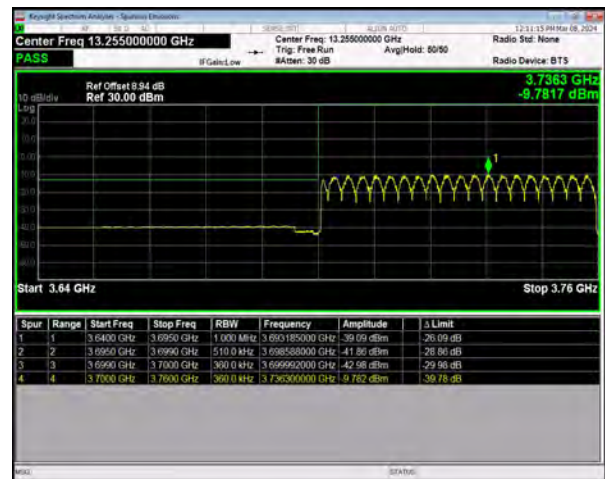
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LowChannel=648668 RB=1@0



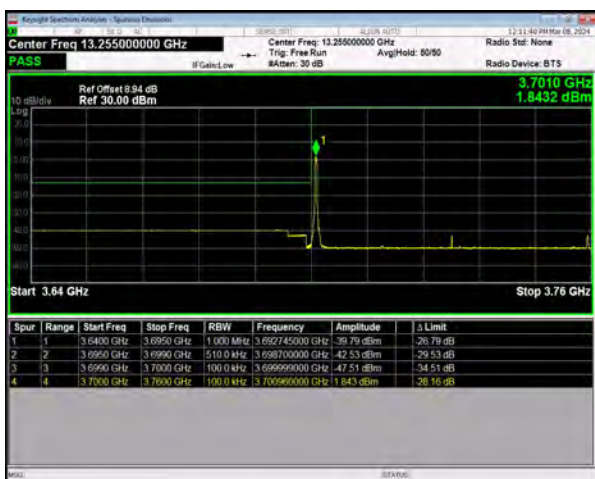
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LowChannel=648668 RB=162@0



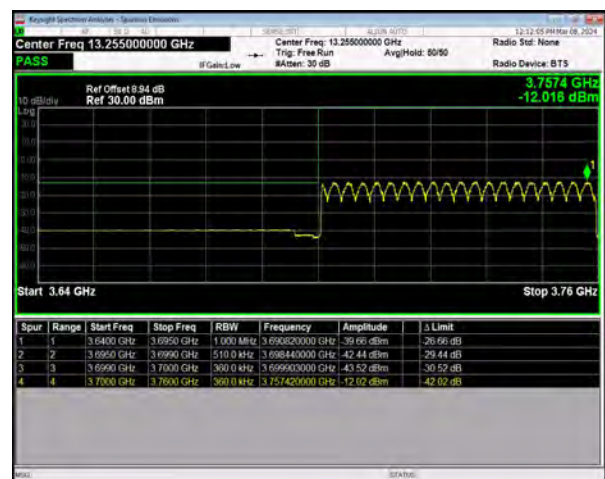
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LowChannel=648668 RB=1@0



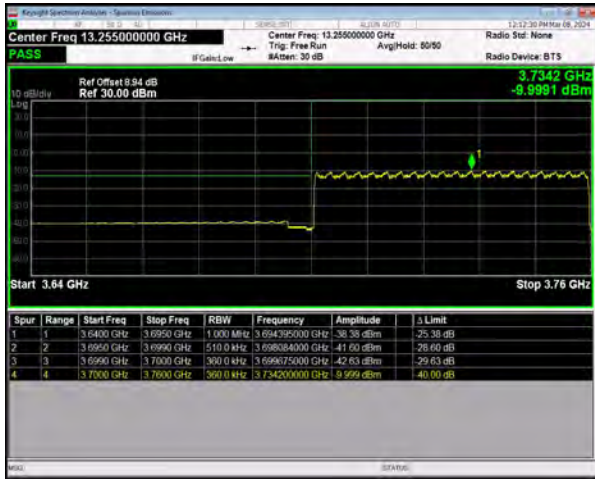
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LowChannel=648668 RB=162@0



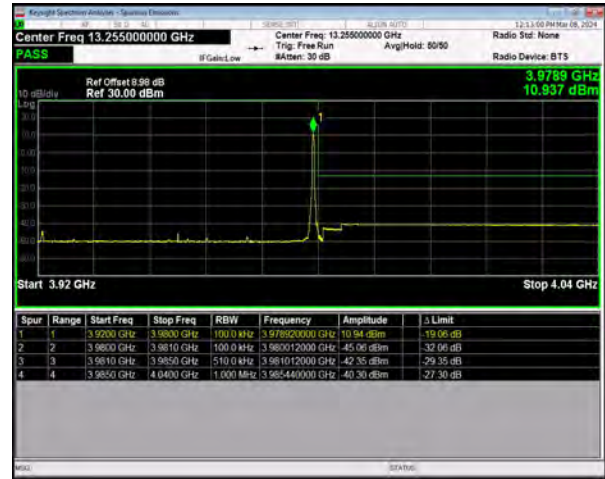
n77(3700-3980) SCS=30kHz DFT_256QAM BW=60MHz
LowChannel=648668 RB=1@0



n77(3700-3980) SCS=30kHz DFT_256QAM BW=60MHz
LowChannel=648668 RB=162@0



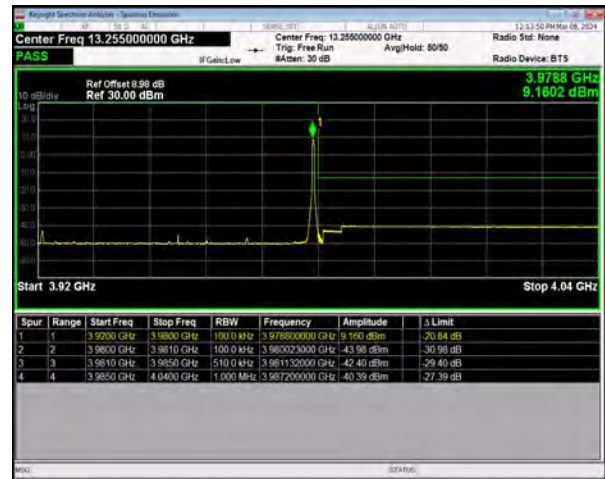
n77(3700-3980) SCS=30kHz CP_QPSK BW=60MHz
LowChannel=648668 RB=162@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz
HighChannel=663332 RB=1@161



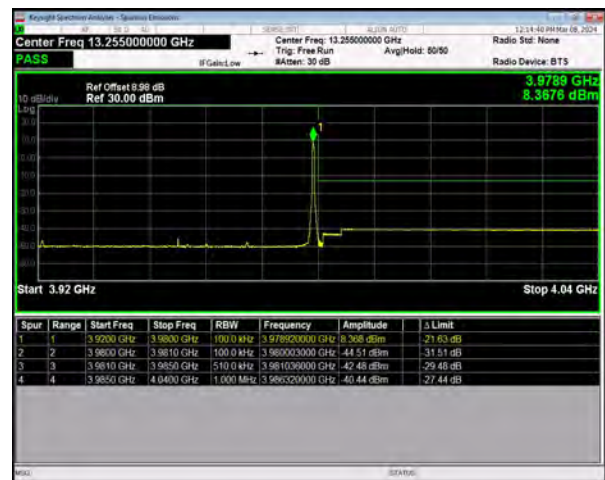
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz
HighChannel=663332 RB=162@0



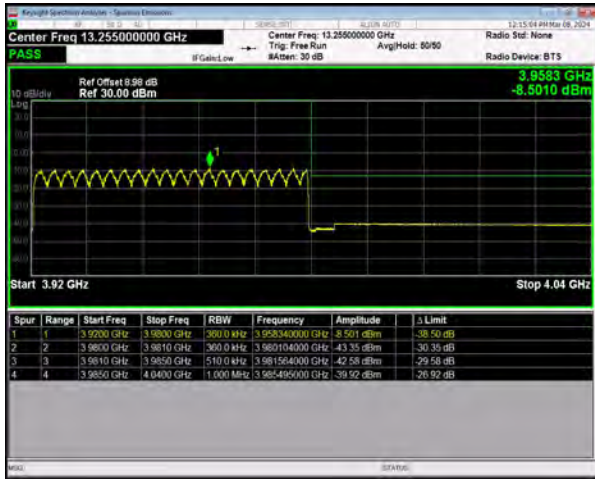
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HighChannel=663332 RB=1@161



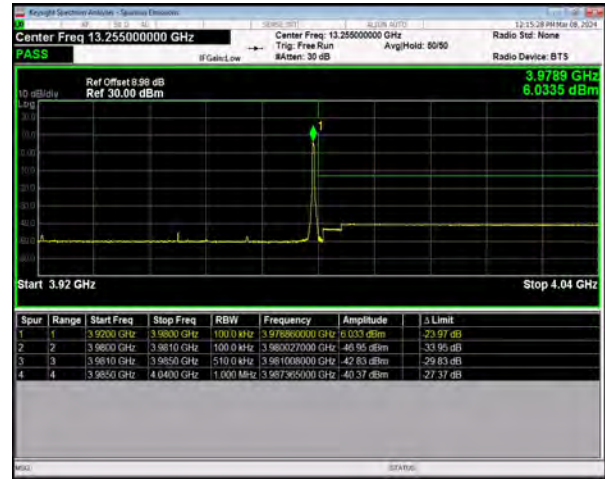
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz
HighChannel=663332 RB=162@0



n77(3700-3980) SCS=30kHz DFT_16QAM BW=60MHz
HighChannel=663332 RB=1@161



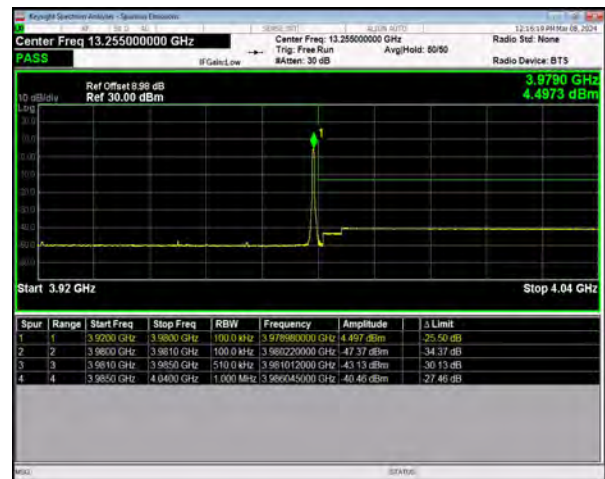
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HighChannel=663332 RB=162@0



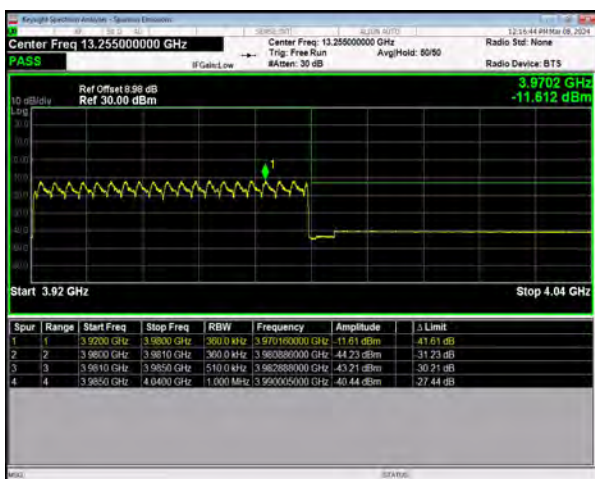
n77(3700-3980) SCS=30kHz DFT_64QAM BW=60MHz
HighChannel=663332 RB=1@161



n77(3700-3980) SCS=30kHz DFT_64QAM BW=60MHz
HighChannel=663332 RB=162@0



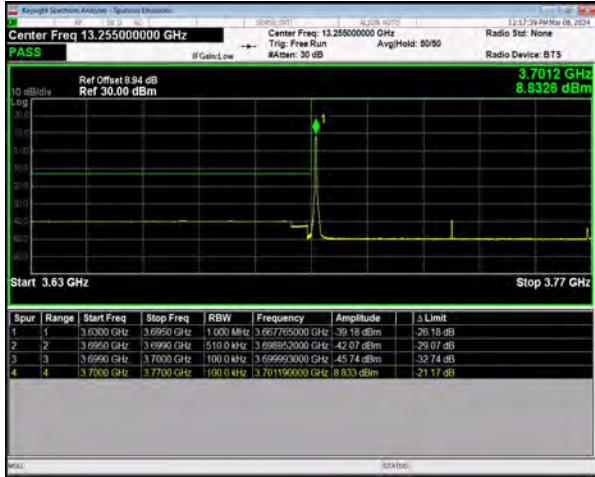
n77(3700-3980) SCS=30kHz DFT_256QAM BW=60MHz
HighChannel=663332 RB=1@161



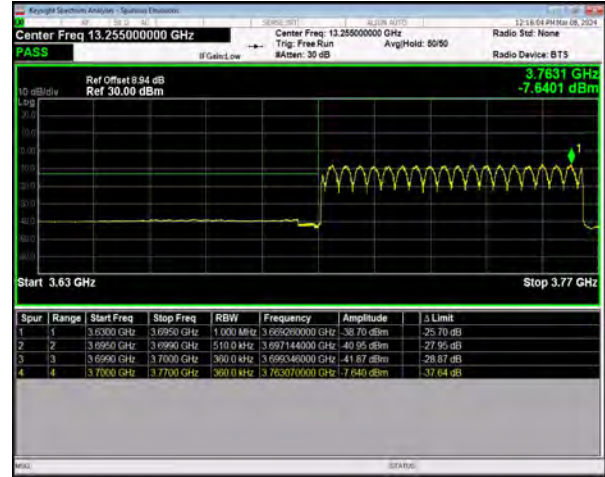
n77(3700-3980) SCS=30kHz DFT_256QAM BW=60MHz
HighChannel=663332 RB=162@0



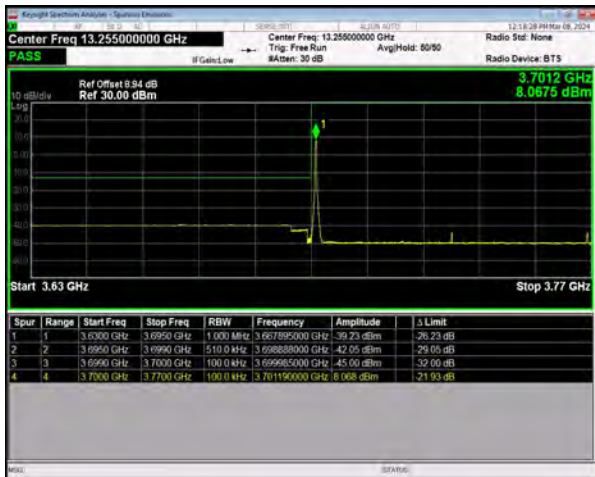
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HighChannel=663332 RB=162@0



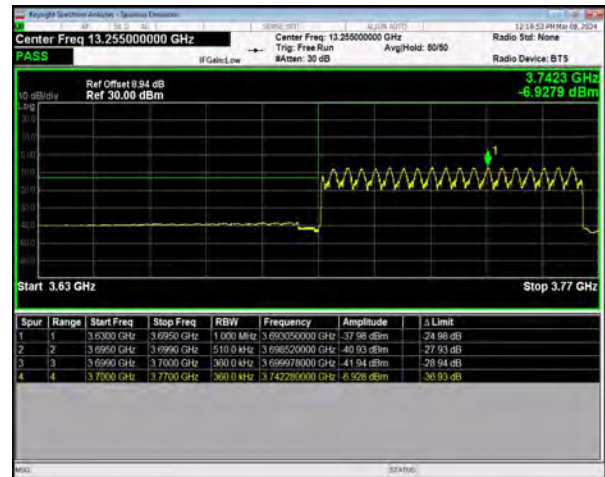
n77(3700-3980) SCS=30kHz DFT_BPSK BW=70MHz
LowChannel=649000 RB=1@0



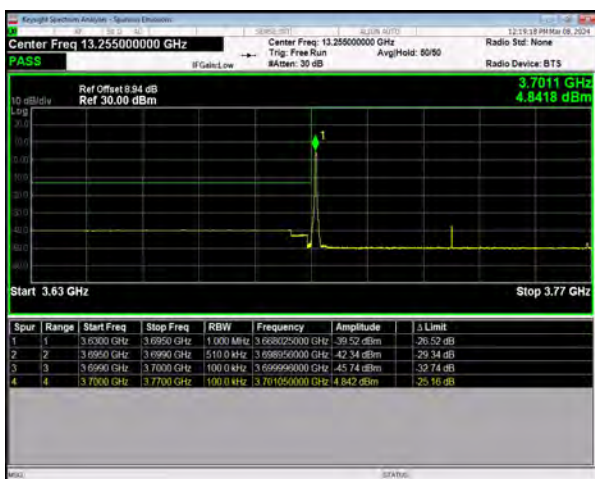
n77(3700-3980) SCS=30kHz DFT_BPSK BW=70MHz
LowChannel=649000 RB=180@0



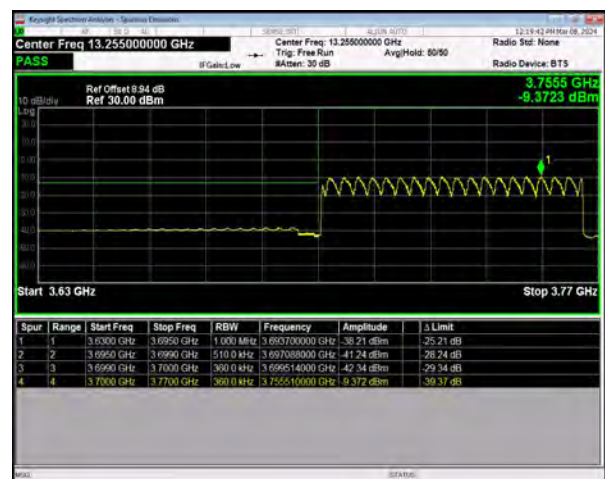
n77(3700-3980) SCS=30kHz DFT_QPSK BW=70MHz
LowChannel=649000 RB=1@0



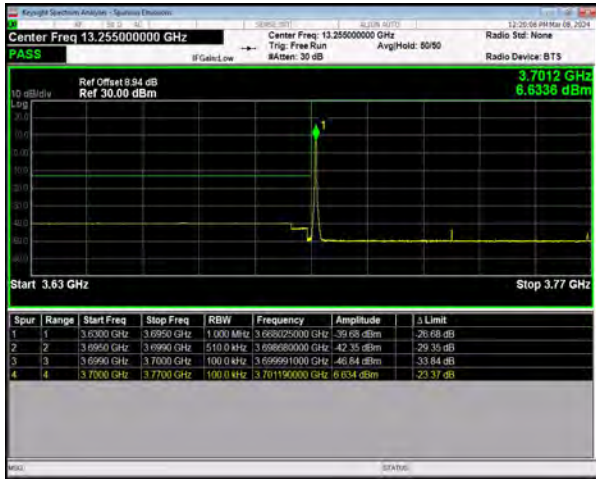
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LowChannel=649000 RB=180@0



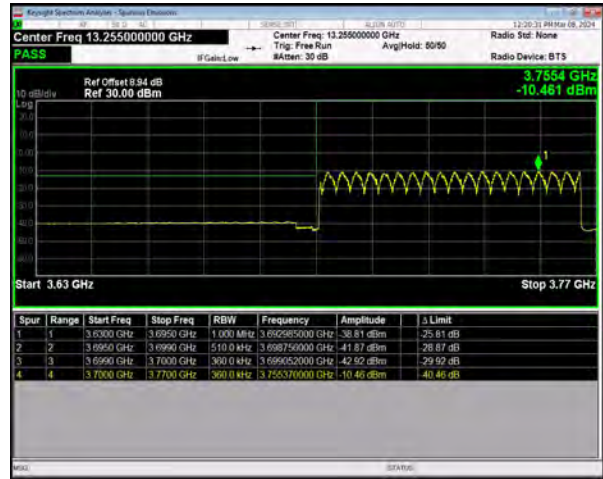
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LowChannel=649000 RB=1@0



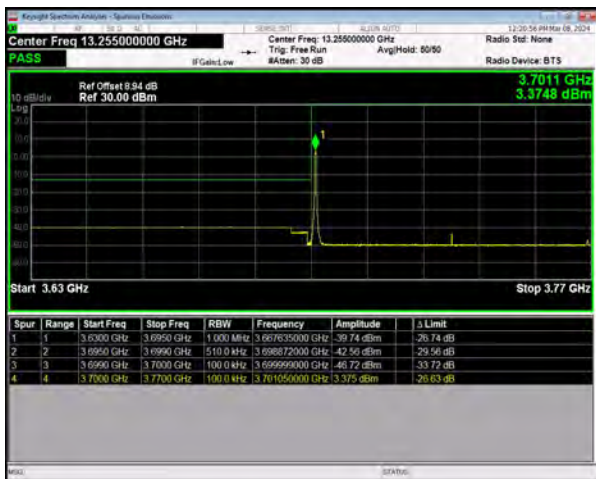
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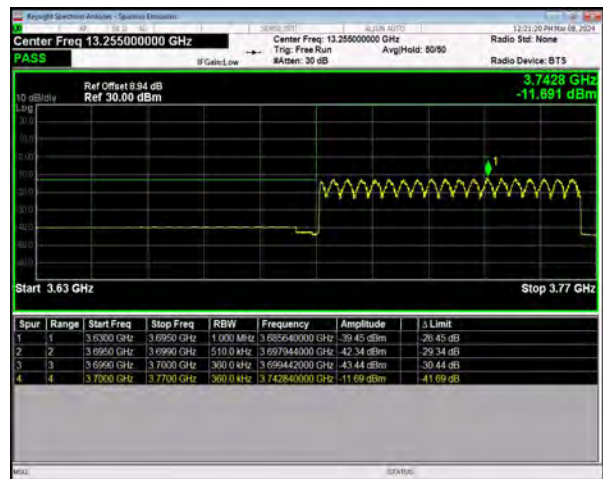
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LowChannel=649000 RB=1@0



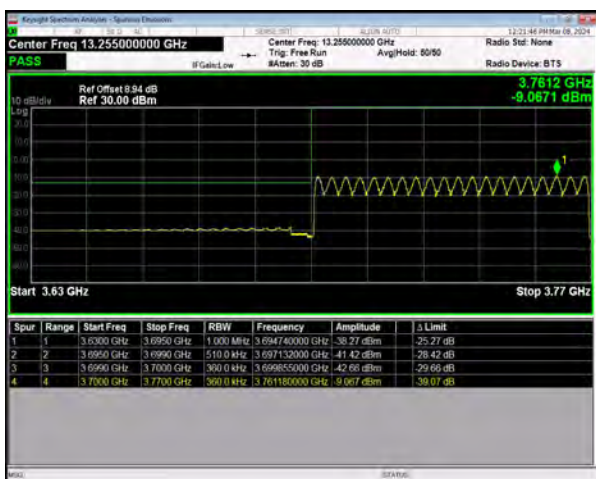
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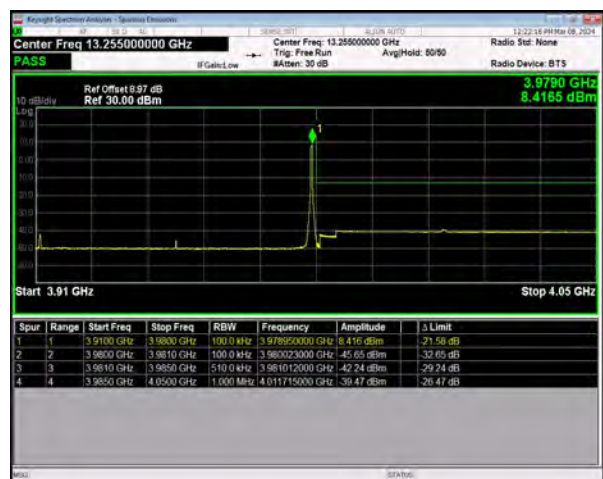
n77(3700-3980) SCS=30kHz DFT_256QAM BW=70MHz
LowChannel=649000 RB=1@0



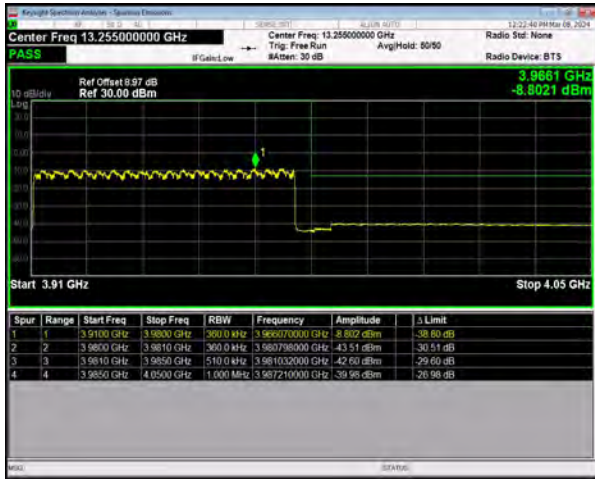
n77(3700-3980) SCS=30kHz DFT_256QAM BW=70MHz
LowChannel=649000 RB=180@0



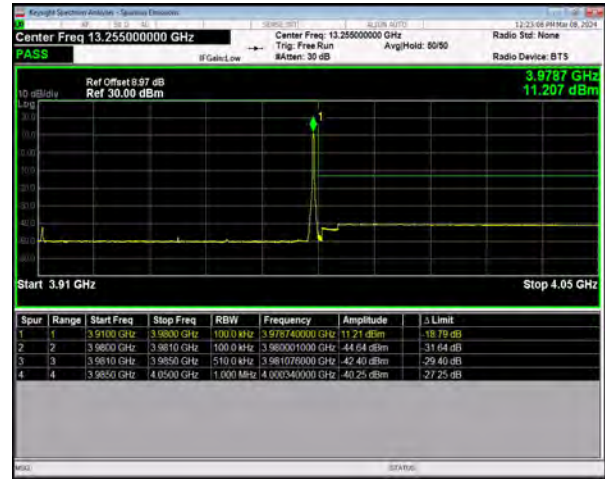
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LowChannel=649000 RB=189@0



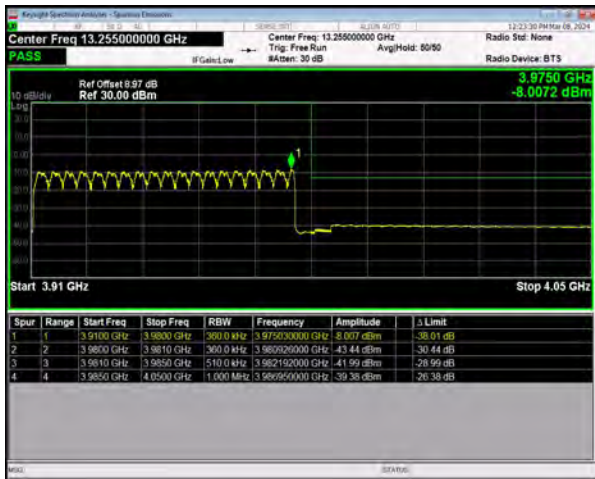
n77(3700-3980) SCS=30kHz DFT_BPSK BW=70MHz
HighChannel=663000 RB=1@188



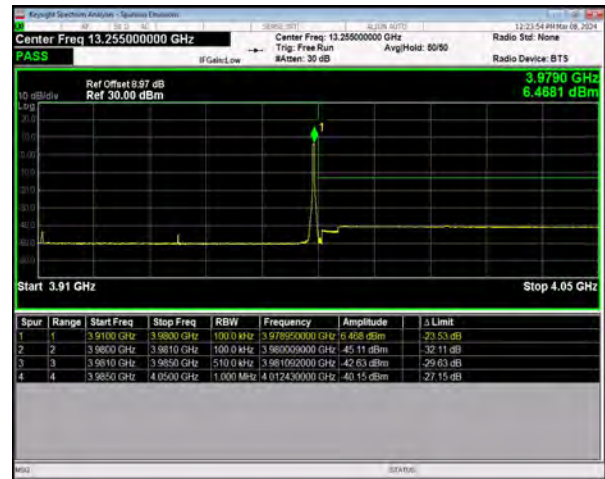
n77(3700-3980) SCS=30kHz DFT_BPSK BW=70MHz
HighChannel=663000 RB=180@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=70MHz
HighChannel=663000 RB=1@188



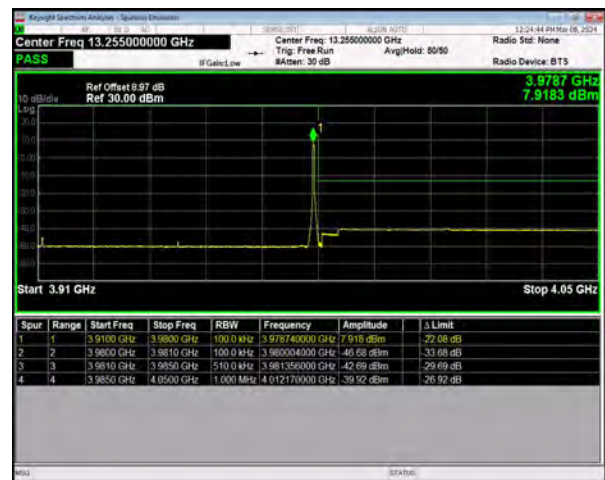
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HighChannel=663000 RB=180@0



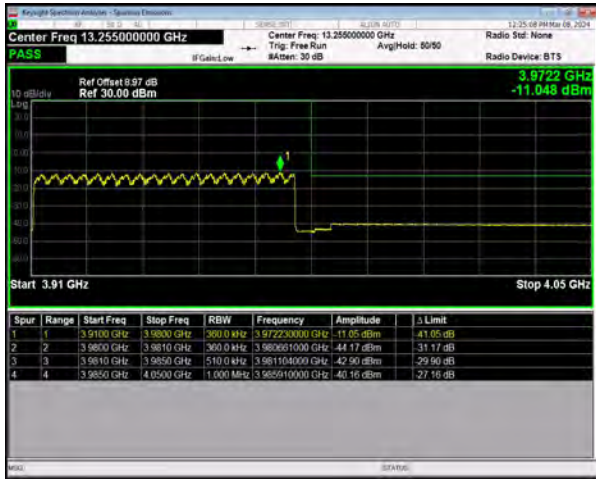
n77(3700-3980) SCS=30kHz DFT_16QAM BW=70MHz
HighChannel=663000 RB=1@188



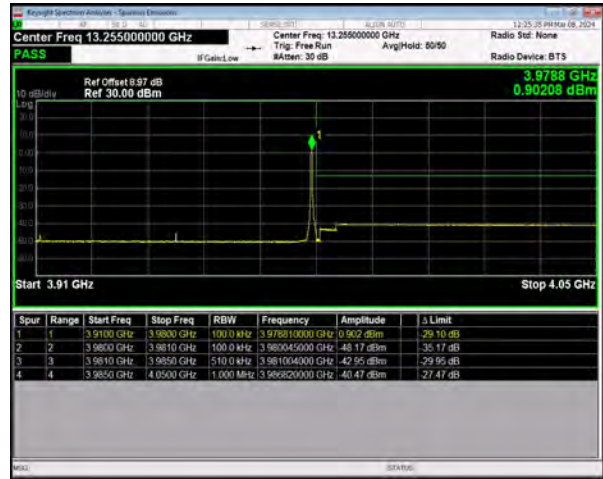
n77(3700-3980) SCS=30kHz DFT_16QAM BW=70MHz
HighChannel=663000 RB=180@0



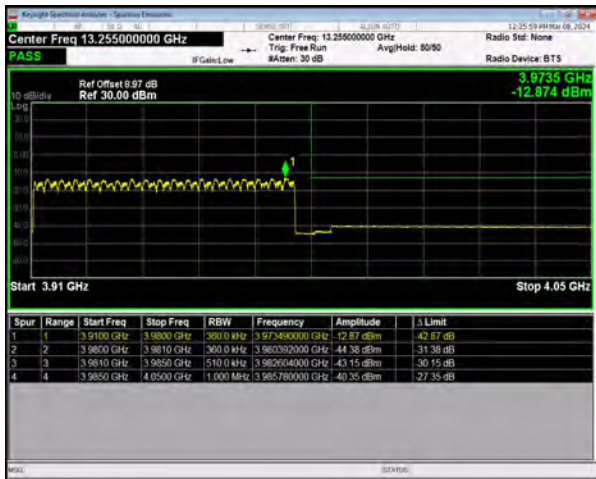
n77(3700-3980) SCS=30kHz DFT_64QAM BW=70MHz
HighChannel=663000 RB=1@188



n77(3700-3980) SCS=30kHz DFT_64QAM BW=70MHz
HighChannel=663000 RB=180@0



n77(3700-3980) SCS=30kHz DFT_256QAM BW=70MHz
HighChannel=663000 RB=1@188



n77(3700-3980) SCS=30kHz DFT_256QAM BW=70MHz
HighChannel=663000 RB=180@0



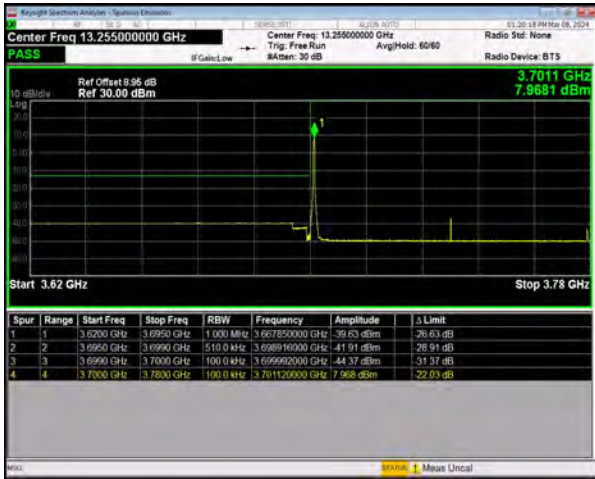
n77(3700-3980) SCS=30kHz CP_QPSK BW=70MHz
HighChannel=663000 RB=189@0



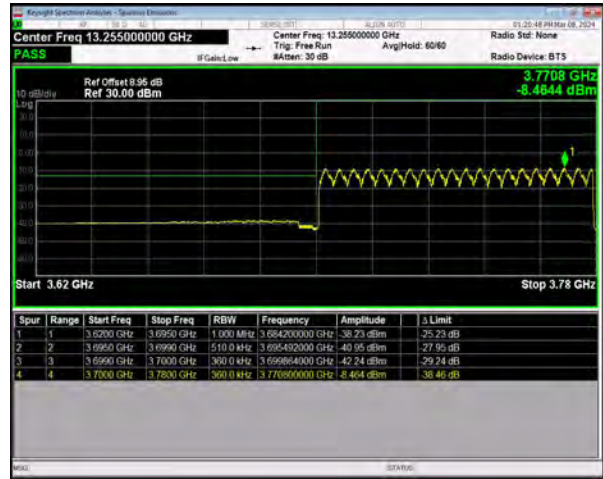
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz
LowChannel=649334 RB=1@0



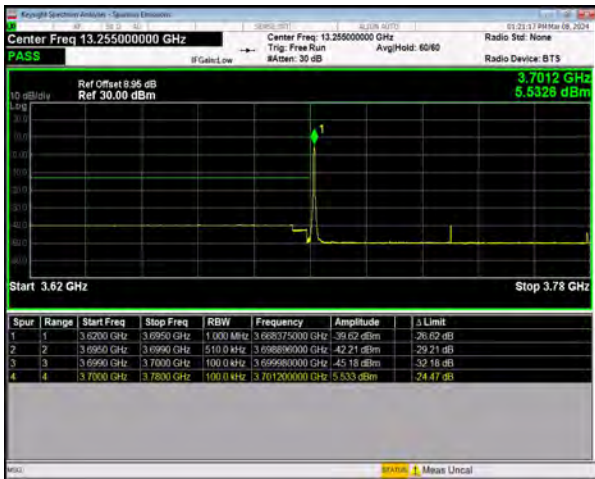
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz
LowChannel=649334 RB=216@0



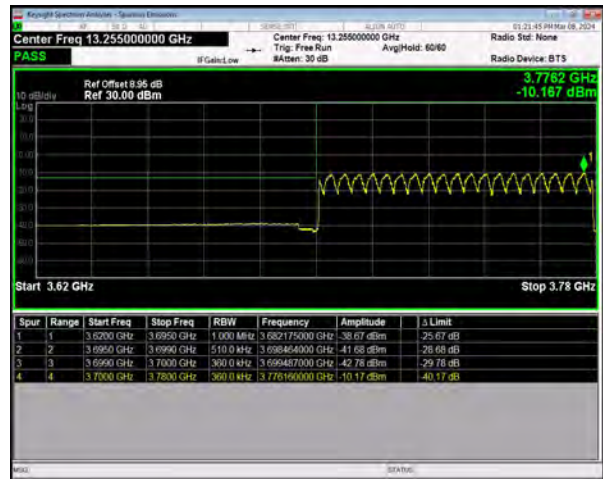
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz
LowChannel=649334 RB=1@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz
LowChannel=649334 RB=216@0



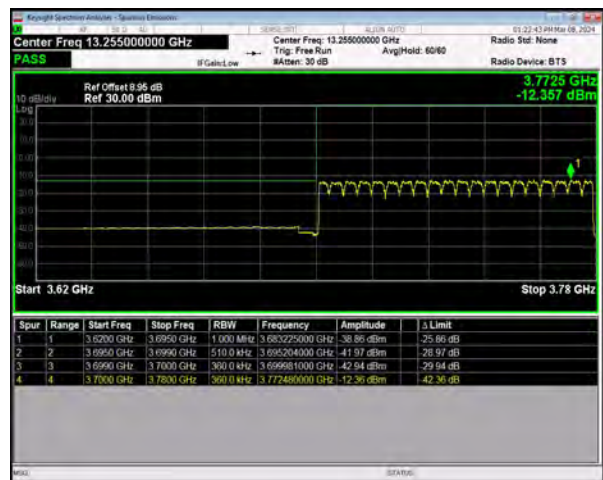
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LowChannel=649334 RB=1@0



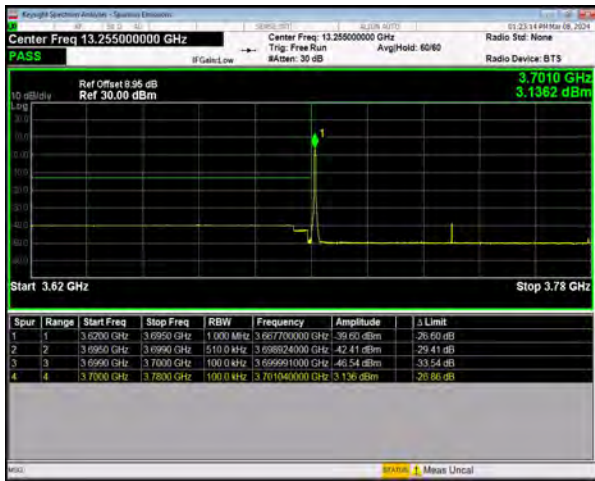
n77(3700-3980) SCS=30kHz DFT_16QAM BW=80MHz
LowChannel=649334 RB=216@0



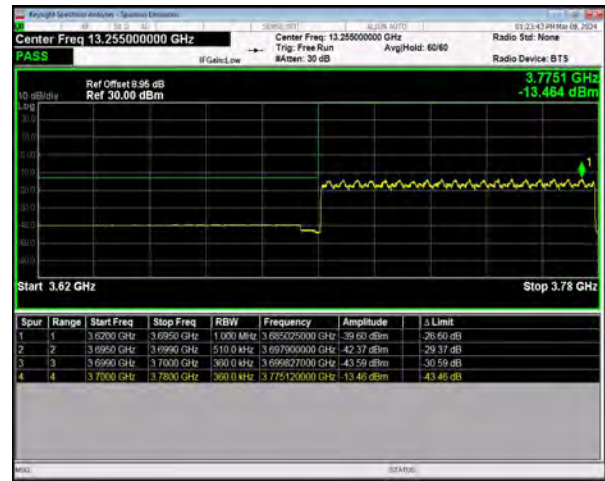
n77(3700-3980) SCS=30kHz DFT_64QAM BW=80MHz
LowChannel=649334 RB=1@0



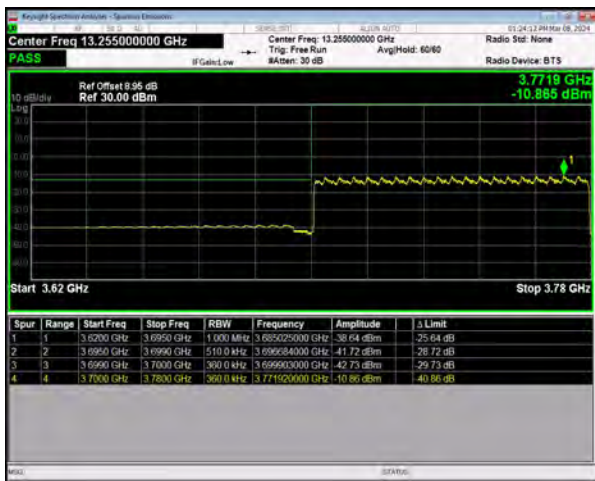
n77(3700-3980) SCS=30kHz DFT_64QAM BW=80MHz
LowChannel=649334 RB=216@0



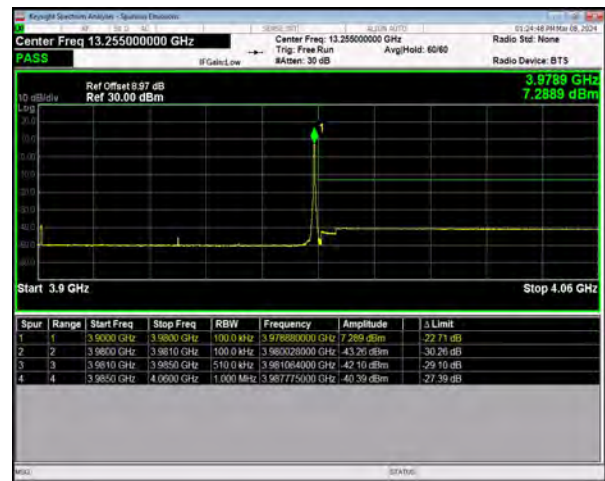
n77(3700-3980) SCS=30kHz DFT_256QAM BW=80MHz
LowChannel=649334 RB=1@0



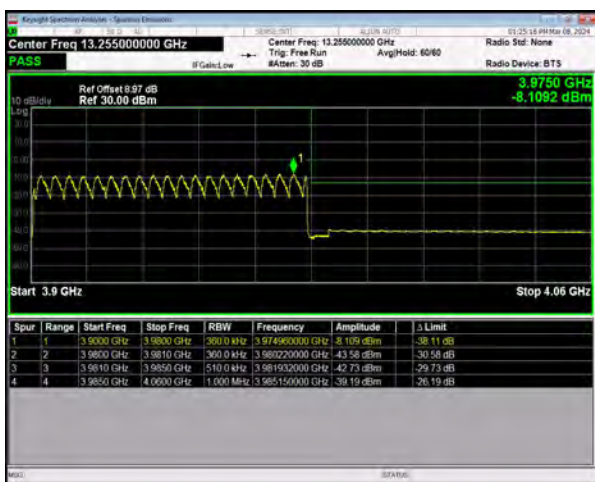
n77(3700-3980) SCS=30kHz DFT_256QAM BW=80MHz
LowChannel=649334 RB=216@0



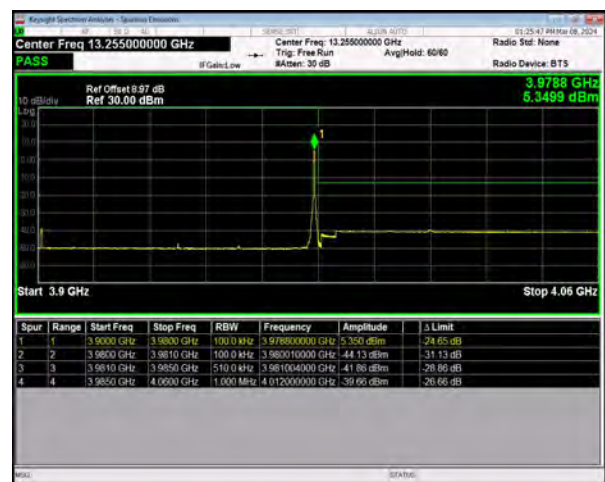
n77(3700-3980) SCS=30kHz CP_QPSK BW=80MHz
LowChannel=649334 RB=217@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz
HighChannel=662666 RB=1@216



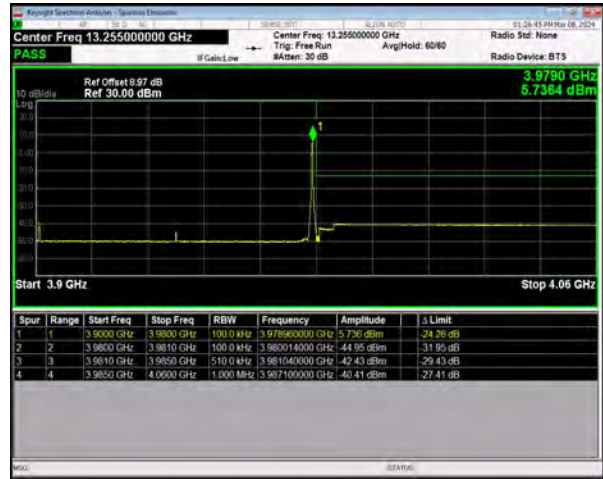
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz
HighChannel=662666 RB=216@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz
HighChannel=662666 RB=1@216



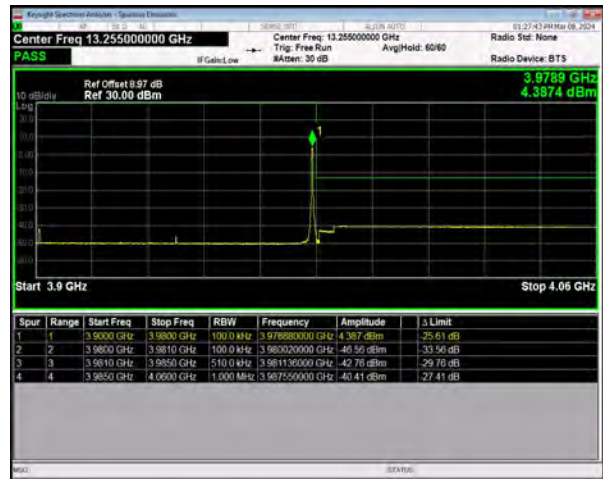
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz
HighChannel=662666 RB=216@0



n77(3700-3980) SCS=30kHz DFT_16QAM BW=80MHz
HighChannel=662666 RB=1@216



n77(3700-3980) SCS=30kHz DFT_16QAM BW=80MHz
HighChannel=662666 RB=216@0



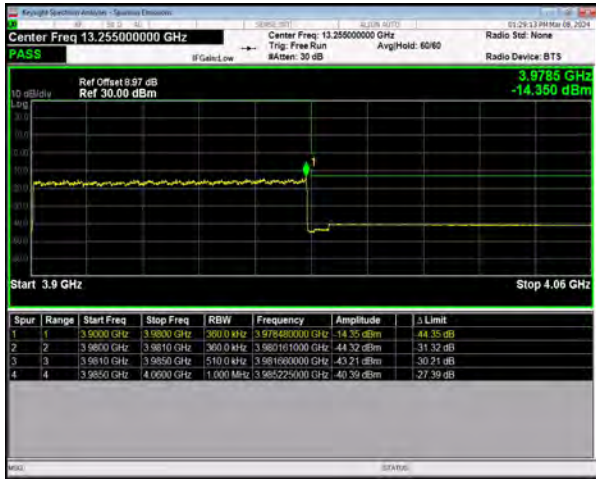
n77(3700-3980) SCS=30kHz DFT_64QAM BW=80MHz
HighChannel=662666 RB=1@216



n77(3700-3980) SCS=30kHz DFT_64QAM BW=80MHz
HighChannel=662666 RB=216@0



n77(3700-3980) SCS=30kHz DFT_256QAM BW=80MHz
HighChannel=662666 RB=1@216



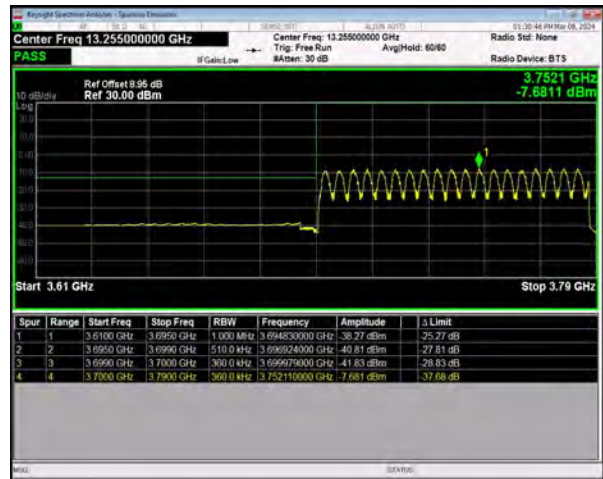
n77(3700-3980) SCS=30kHz DFT_256QAM BW=80MHz
HighChannel=662666 RB=216@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=80MHz
HighChannel=662666 RB=217@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz
LowChannel=649668 RB=1@0



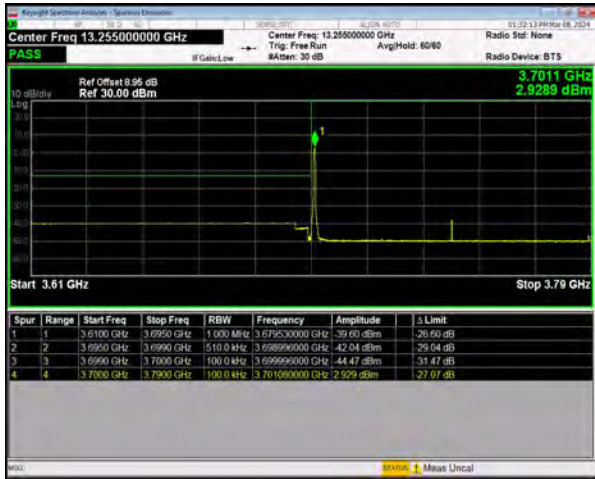
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz
LowChannel=649668 RB=240@0



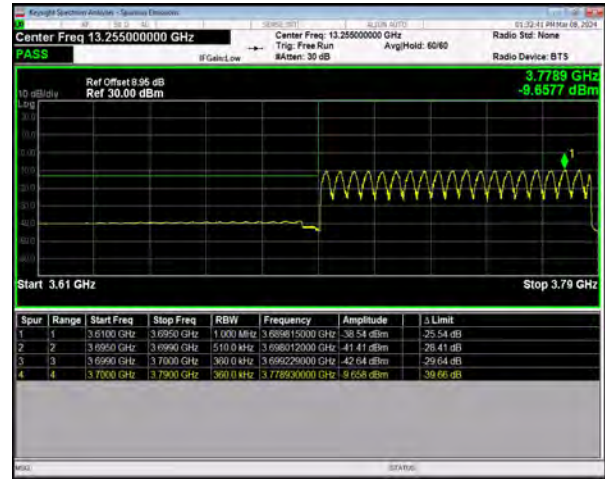
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz
LowChannel=649668 RB=1@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz
LowChannel=649668 RB=240@0



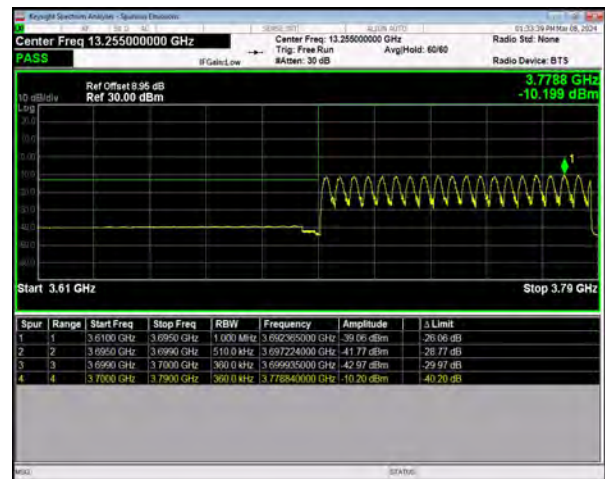
n77(3700-3980) SCS=30kHz DFT_16QAM BW=90MHz
LowChannel=649668 RB=1@0



n77(3700-3980) SCS=30kHz DFT_16QAM BW=90MHz
LowChannel=649668 RB=240@0



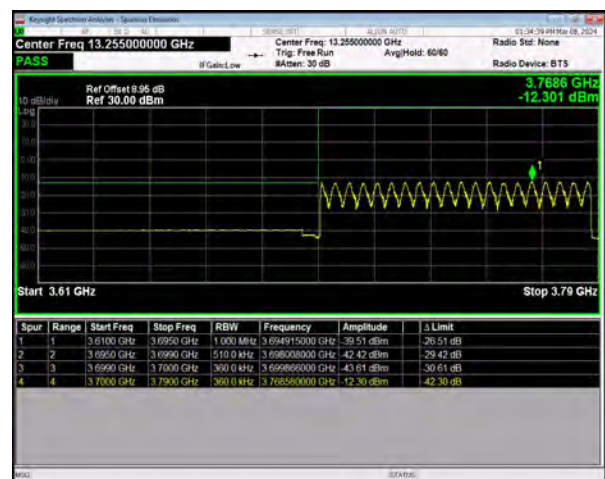
n77(3700-3980) SCS=30kHz DFT_64QAM BW=90MHz
LowChannel=649668 RB=1@0



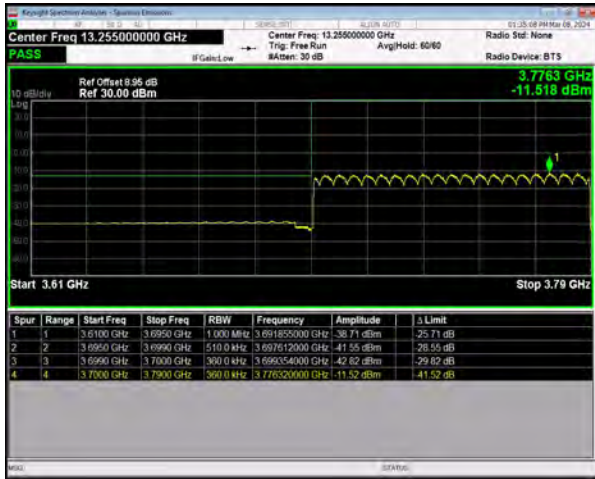
n77(3700-3980) SCS=30kHz DFT_64QAM BW=90MHz
LowChannel=649668 RB=240@0



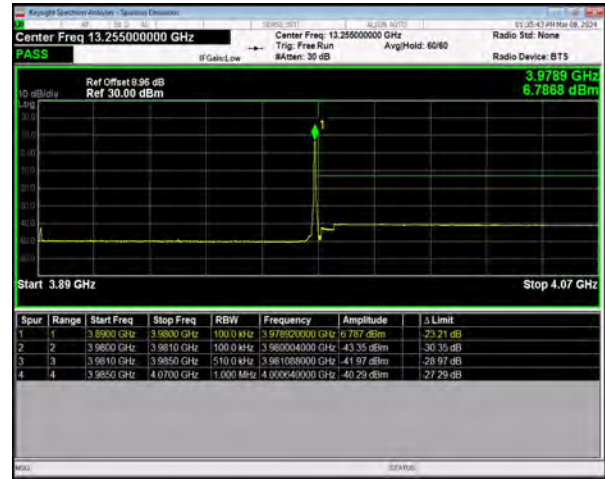
n77(3700-3980) SCS=30kHz DFT_256QAM BW=90MHz
LowChannel=649668 RB=1@0



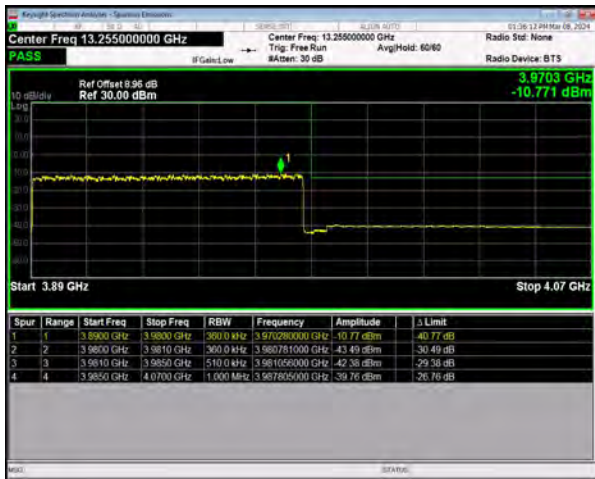
n77(3700-3980) SCS=30kHz DFT_256QAM BW=90MHz
LowChannel=649668 RB=240@0



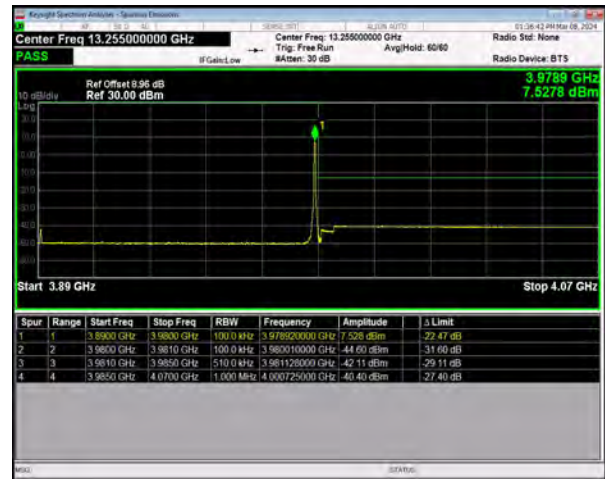
n77(3700-3980) SCS=30kHz CP_QPSK BW=90MHz
LowChannel=649668 RB=245@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz
HighChannel=662332 RB=1@244



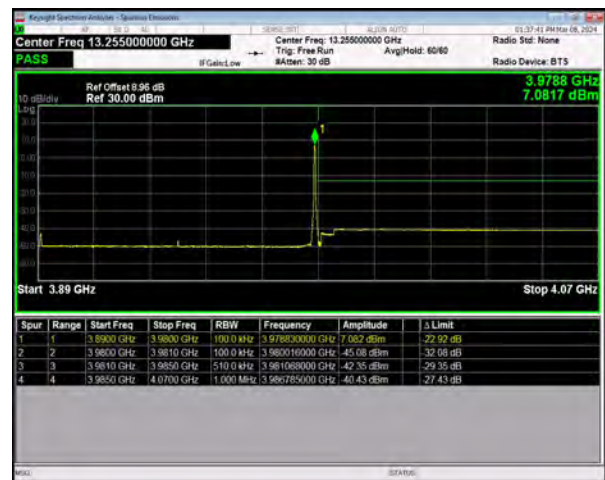
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz
HighChannel=662332 RB=240@0



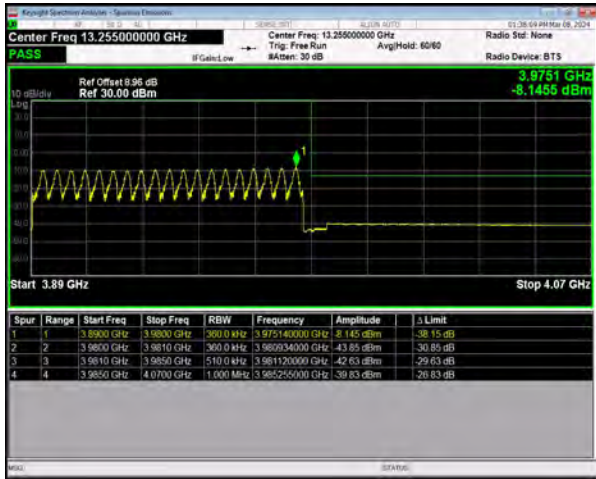
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz
HighChannel=662332 RB=1@244



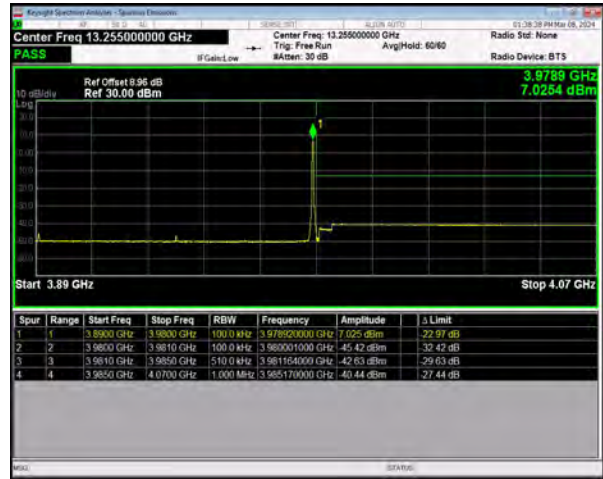
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz
HighChannel=662332 RB=240@0



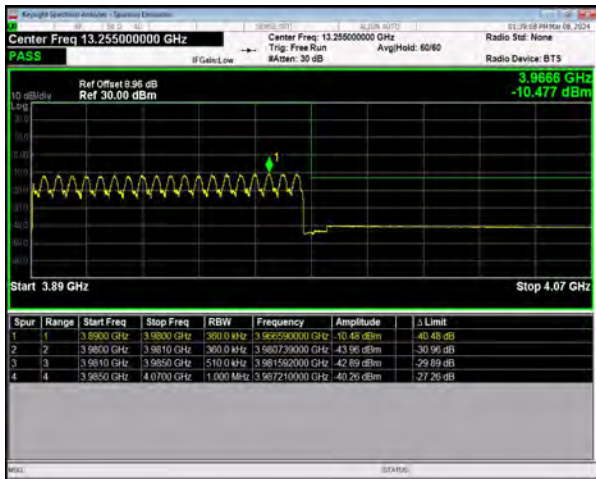
n77(3700-3980) SCS=30kHz DFT_16QAM BW=90MHz
HighChannel=662332 RB=1@244



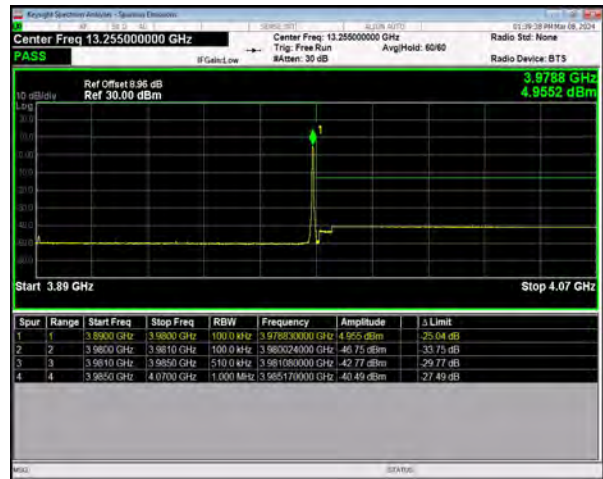
n77(3700-3980) SCS=30kHz DFT_16QAM BW=90MHz
HighChannel=662332 RB=240@0



n77(3700-3980) SCS=30kHz DFT_64QAM BW=90MHz
HighChannel=662332 RB=1@244



n77(3700-3980) SCS=30kHz DFT_64QAM BW=90MHz
HighChannel=662332 RB=240@0



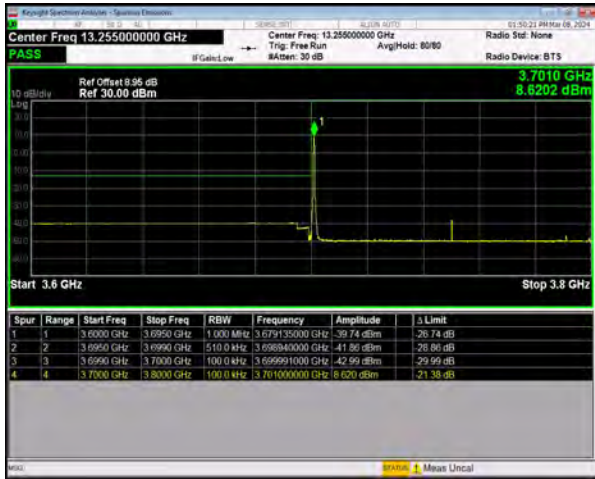
n77(3700-3980) SCS=30kHz DFT_256QAM BW=90MHz
HighChannel=662332 RB=1@244



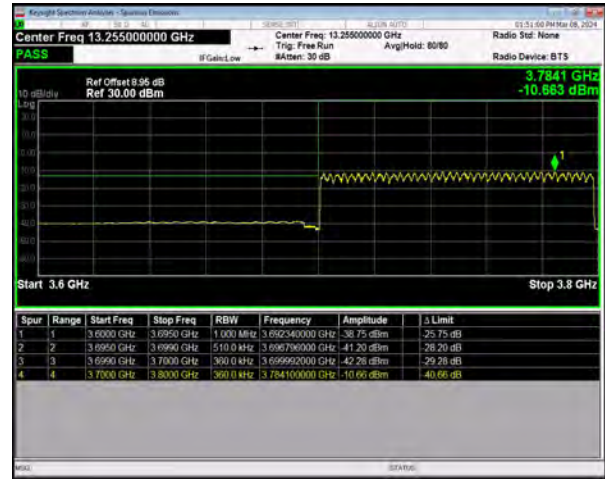
n77(3700-3980) SCS=30kHz DFT_256QAM BW=90MHz
HighChannel=662332 RB=240@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=90MHz
HighChannel=662332 RB=245@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz
LowChannel=650000 RB=1@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz
LowChannel=650000 RB=270@0



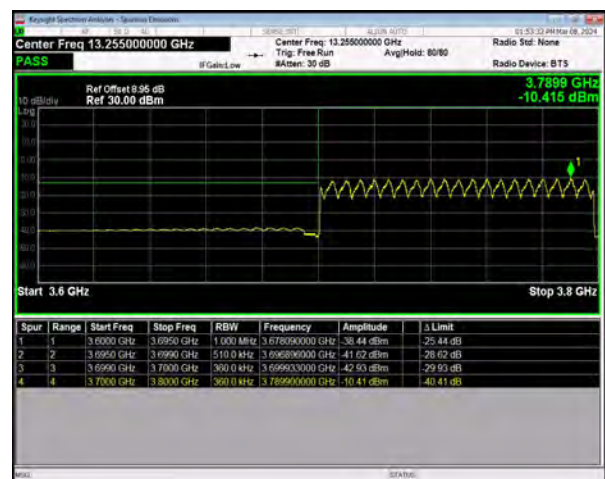
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz
LowChannel=650000 RB=1@0



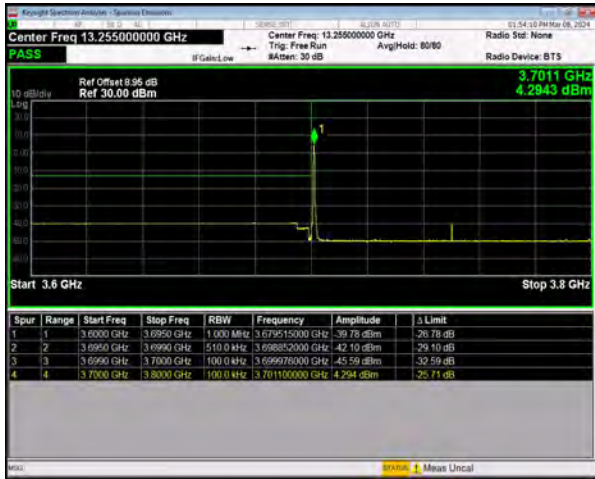
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz
LowChannel=650000 RB=270@0



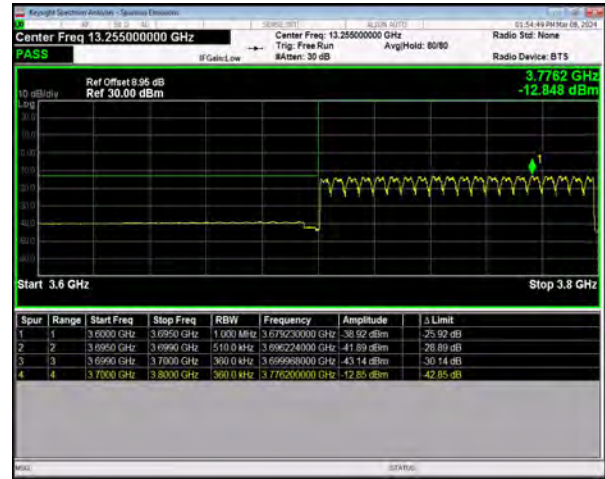
n77(3700-3980) SCS=30kHz DFT_16QAM BW=100MHz
LowChannel=650000 RB=1@0



n77(3700-3980) SCS=30kHz DFT_16QAM BW=100MHz
LowChannel=650000 RB=270@0



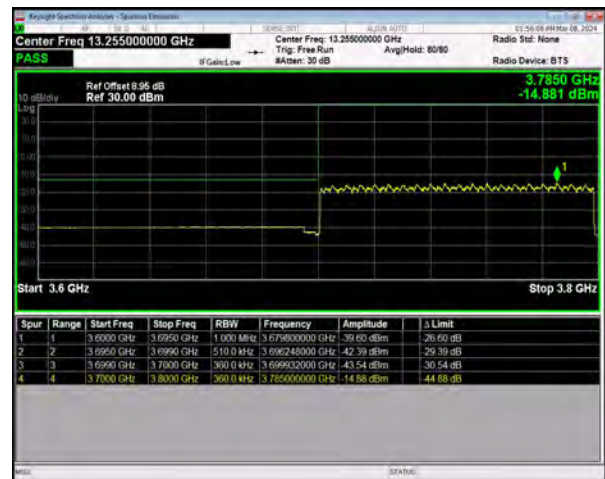
n77(3700-3980) SCS=30kHz DFT_64QAM BW=100MHz
LowChannel=650000 RB=1@0



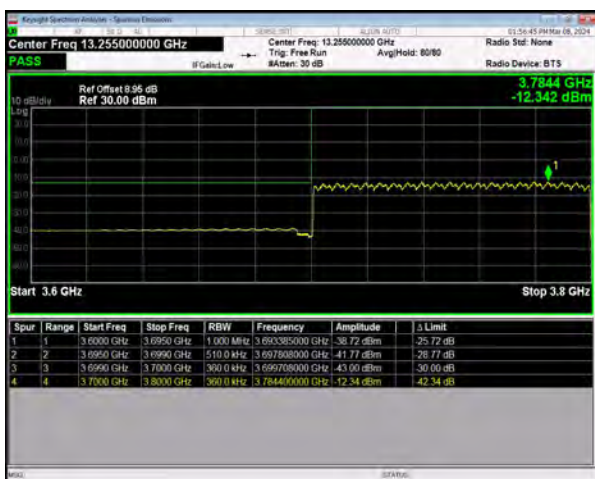
n77(3700-3980) SCS=30kHz DFT_64QAM BW=100MHz
LowChannel=650000 RB=270@0



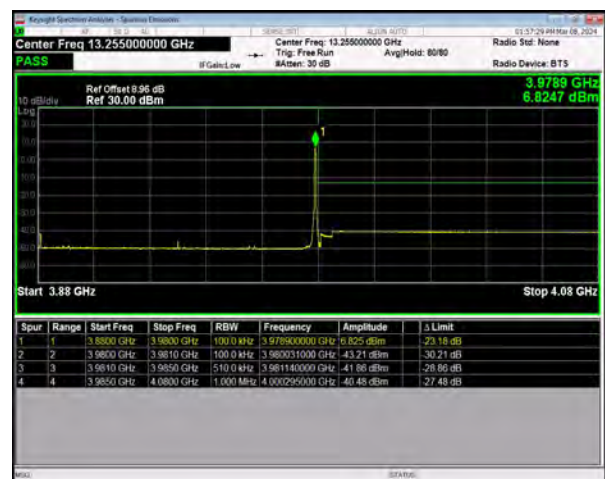
n77(3700-3980) SCS=30kHz DFT_256QAM BW=100MHz
LowChannel=650000 RB=1@0



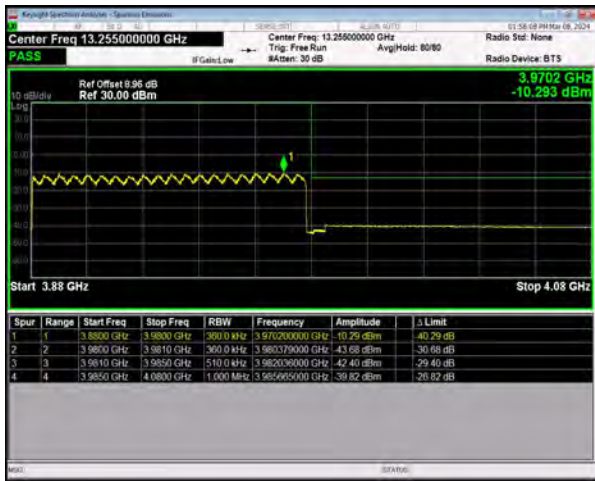
n77(3700-3980) SCS=30kHz DFT_256QAM BW=100MHz
LowChannel=650000 RB=270@0



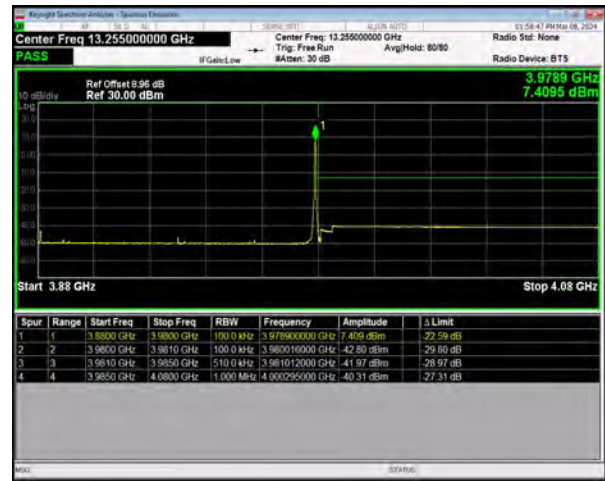
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz
LowChannel=650000 RB=273@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz
HighChannel=662000 RB=1@272



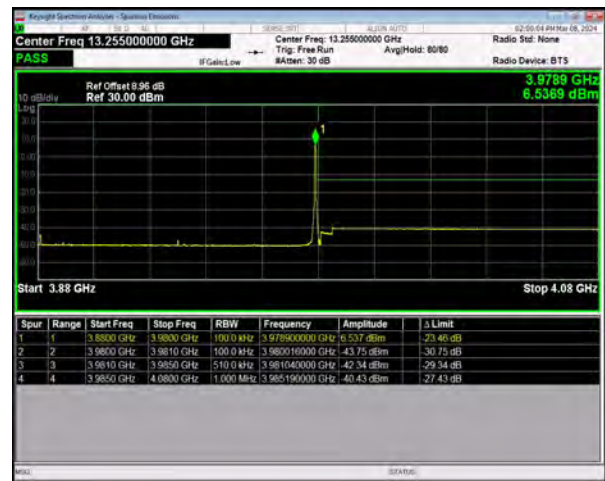
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz
HighChannel=662000 RB=270@0



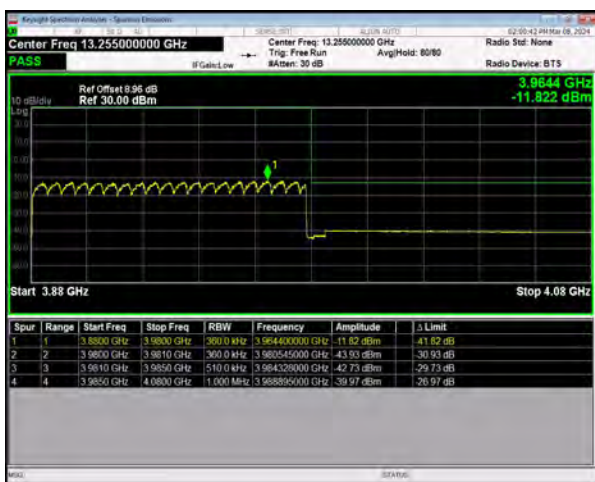
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz
HighChannel=662000 RB=1@272



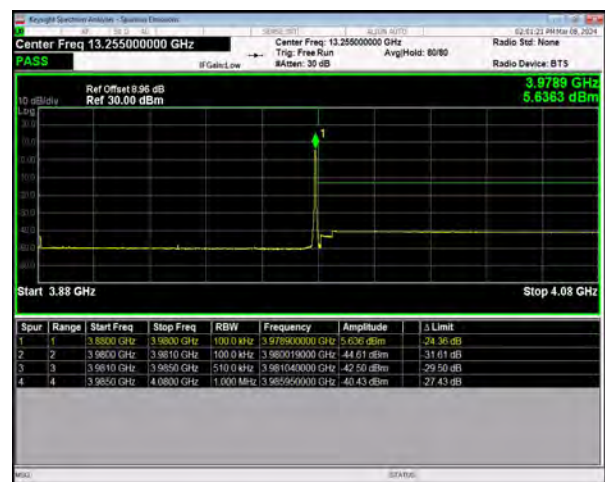
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz
HighChannel=662000 RB=270@0



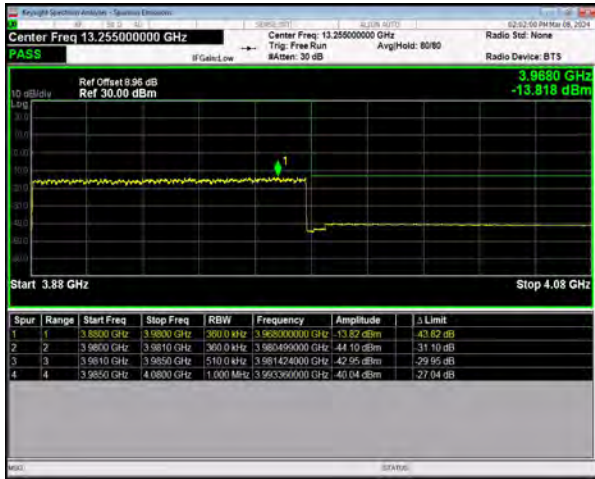
n77(3700-3980) SCS=30kHz DFT_16QAM BW=100MHz
HighChannel=662000 RB=1@272



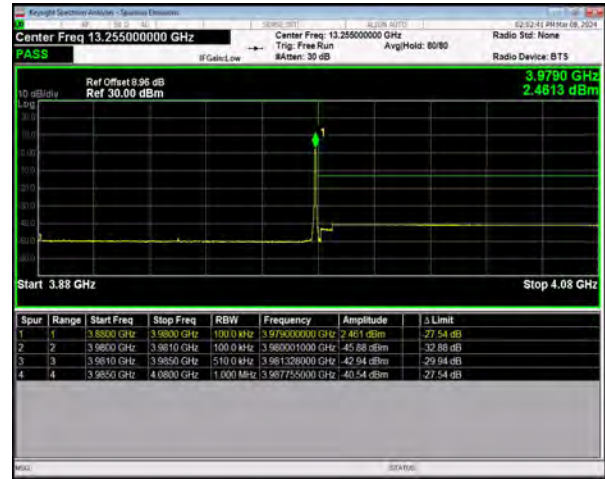
n77(3700-3980) SCS=30kHz DFT_16QAM BW=100MHz
HighChannel=662000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_64QAM BW=100MHz
HighChannel=662000 RB=1@272



n77(3700-3980) SCS=30kHz DFT_64QAM BW=100MHz
HighChannel=662000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_256QAM BW=100MHz
HighChannel=662000 RB=1@272

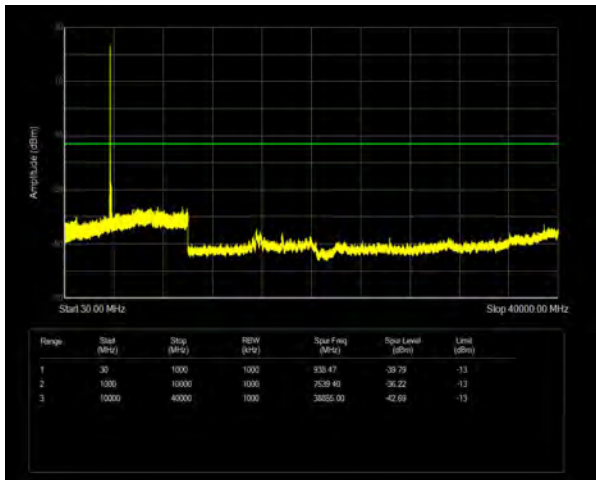


n77(3700-3980) SCS=30kHz DFT_256QAM BW=100MHz
HighChannel=662000 RB=270@0

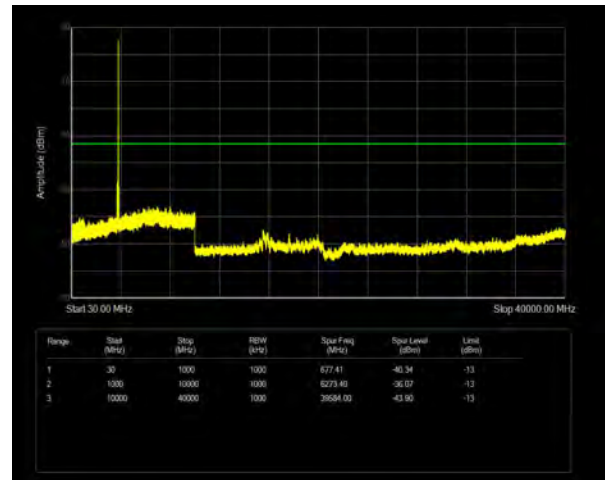


n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz
HighChannel=662000 RB=273@0

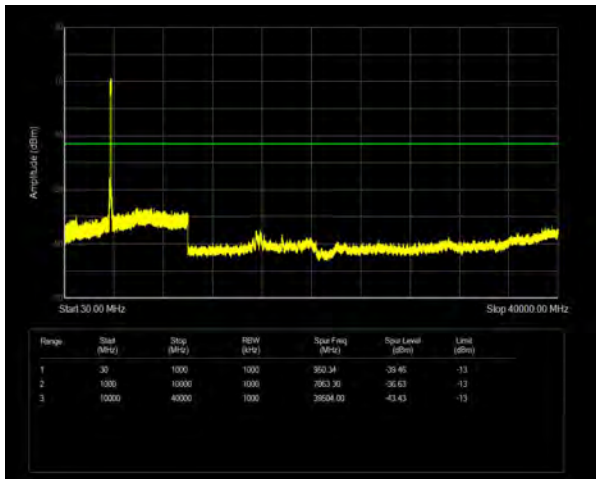
6. Conducted Spurious Emissions



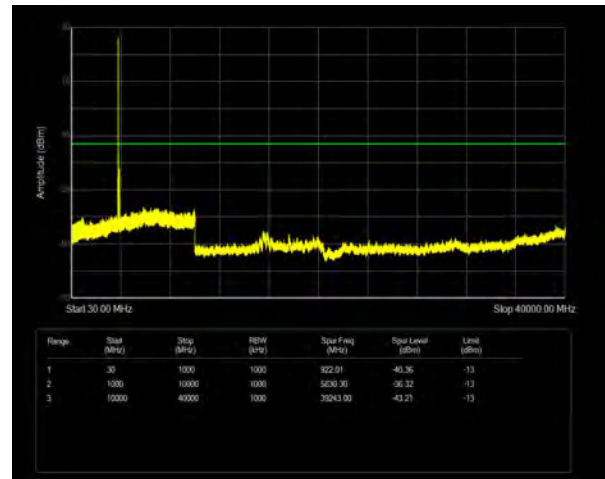
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz
Channel=650000 RB=1@0



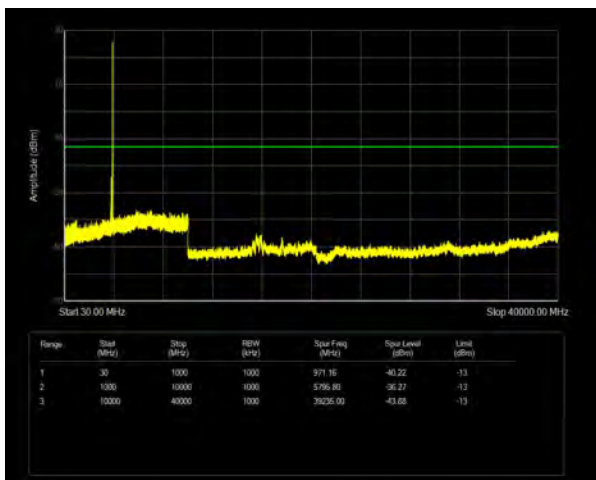
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz
Channel=650000 RB=1@272



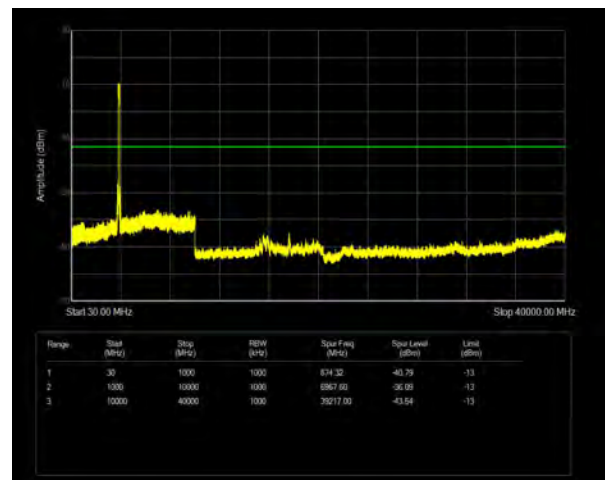
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz
Channel=650000 RB=270@0



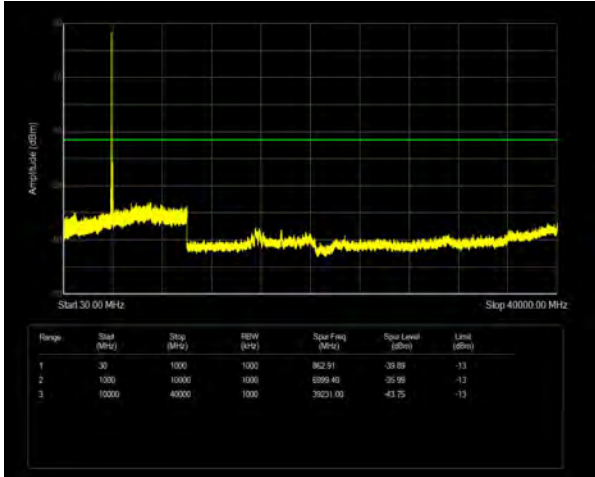
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz
Channel=656000 RB=1@0



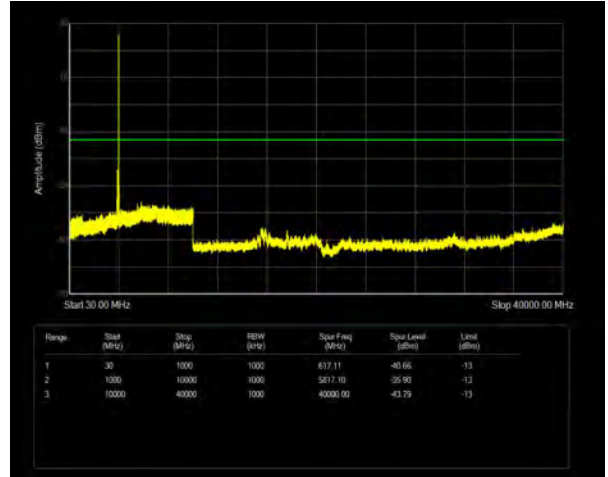
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz
Channel=656000 RB=1@272



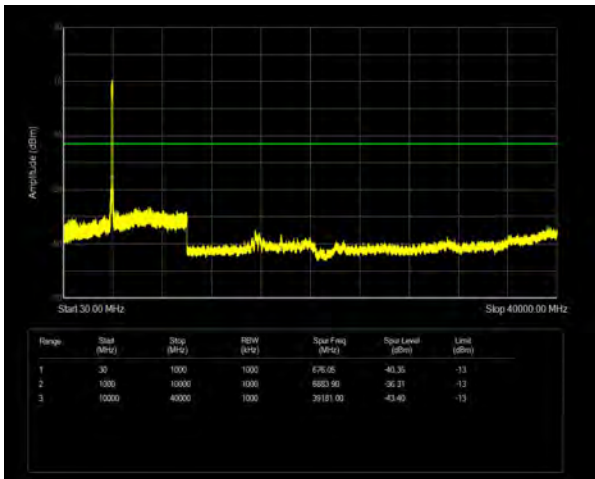
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz
Channel=656000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz
Channel=662000 RB=1@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz
Channel=662000 RB=1@272



n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz
Channel=662000 RB=270@0

7. Radiated Spurious Emissions

n77(3.7G) - DFT-s-OFDM - PI/2 BPSK - 100M - Low Channel									
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA. Reading (dBm)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5778	-40.15	-13	-27.15	-53.96	-47.65	5.82	13.32	H	Pass
7584	-45.39	-13	-32.39	-65.41	-50.49	6.52	11.62	H	Pass
14710	-40.28	-13	-27.28	-67.21	-43.65	9.91	13.28	H	Pass
5778	-38.42	-13	-25.42	-51.83	-45.92	5.82	13.32	V	Pass
7584	-41.28	-13	-28.28	-61.05	-46.38	6.52	11.62	V	Pass
14640	-38.87	-13	-25.87	-66.74	-41.80	9.88	12.81	V	Pass

Note: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.