DC_5A_n78A	30	40	648000	1@1	CP_QPSK	20.16	1.5	21.66	146.55	1000	PASS
DC_5A_n78A	30	40	648000	1@104	CP_QPSK	20.46	1.5	21.96	157.04	1000	PASS
DC_5A_n78A	30	40	648000	106@0	CP_16QAM	18.72	1.5	20.22	105.2	1000	PASS
DC_5A_n78A	30	40	648000	53@26	CP_16QAM	19.7	1.5	21.2	131.83	1000	PASS
DC_5A_n78A	30	40	648000	1@1	CP_16QAM	19.54	1.5	21.04	127.06	1000	PASS
DC_5A_n78A	30	40	648000	1@104	CP_16QAM	19.78	1.5	21.28	134.28	1000	PASS
DC_5A_n78A	30	40	648000	106@0	CP_64QAM	18.23	1.5	19.73	93.97	1000	PASS
DC_5A_n78A	30	40	648000	53@26	CP_64QAM	18.2	1.5	19.7	93.33	1000	PASS
DC_5A_n78A	30	40	648000	1@1	CP_64QAM	17.91	1.5	19.41	87.3	1000	PASS
DC_5A_n78A	30	40	648000	1@104	CP_64QAM	18.14	1.5	19.64	92.04	1000	PASS
DC_5A_n78A	30	40	648000	106@0	CP_256QAM	15.19	1.5	16.69	46.67	1000	PASS
DC_5A_n78A	30	40	648000	53@26	CP_256QAM	15.28	1.5	16.78	47.64	1000	PASS
DC_5A_n78A	30	40	648000	1@1	CP_256QAM	15.29	1.5	16.79	47.75	1000	PASS
DC_5A_n78A	30	40	648000	1@104	CP_256QAM	15.52	1.5	17.02	50.35	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_BPSK	21.94	1.5	23.44	220.8	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_BPSK	22.12	1.5	23.62	230.14	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_BPSK	21.84	1.5	23.34	215.77	1000	PASS
DC_5A_n78A	30	40	650000	1@104	DFT_BPSK	22.22	1.5	23.72	235.5	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_QPSK	21.12	1.5	22.62	182.81	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_QPSK	22.12	1.5	23.62	230.14	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_QPSK	21.92	1.5	23.42	219.79	1000	PASS
DC_5A_n78A	30	40	650000	1@104	DFT_QPSK	22.33	1.5	23.83	241.55	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_16QAM	20.1	1.5	21.6	144.54	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_16QAM	21.06	1.5	22.56	180.3	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_16QAM	20.73	1.5	22.23	167.11	1000	PASS
DC_5A_n78A	30	40	650000	1@104	DFT_16QAM	21.12	1.5	22.62	182.81	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_64QAM	19.64	1.5	21.14	130.02	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_64QAM	19.58	1.5	21.08	128.23	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_64QAM	19.36	1.5	20.86	121.9	1000	PASS
DC_5A_n78A	30	40	650000	1@104	DFT_64QAM	19.71	1.5	21.21	132.13	1000	PASS
DC_5A_n78A	30	40	650000	100@0	DFT_256QAM	17.64	1.5	19.14	82.04	1000	PASS
DC_5A_n78A	30	40	650000	50@25	DFT_256QAM	17.6	1.5	19.1	81.28	1000	PASS
DC_5A_n78A	30	40	650000	1@1	DFT_256QAM	17.45	1.5	18.95	78.52	1000	PASS
DC_5A_n78A	30	40	650000	1@104	DFT_256QAM	17.8	1.5	19.3	85.11	1000	PASS
DC_5A_n78A	30	40	650000	106@0	CP_QPSK	19.09	1.5	20.59	114.55	1000	PASS
DC_5A_n78A	30	40	650000	53@26	CP_QPSK	20.57	1.5	22.07	161.06	1000	PASS
DC_5A_n78A	30	40	650000	1@1	CP_QPSK	20.54	1.5	22.04	159.96	1000	PASS
DC_5A_n78A	30	40	650000	1@104	CP_QPSK	20.9	1.5	22.4	173.78	1000	PASS
DC_5A_n78A	30	40	650000	106@0	CP_16QAM	19.13	1.5	20.63	115.61	1000	PASS
DC_5A_n78A	30	40	650000	53@26	CP_16QAM	20.08	1.5	21.58	143.88	1000	PASS
DC_5A_n78A	30	40	650000	1@1	CP_16QAM	19.84	1.5	21.34	136.14	1000	PASS
DC_5A_n78A	30	40	650000	1@104	CP_16QAM	20.21	1.5	21.71	148.25	1000	PASS
DC_5A_n78A	30	40	650000	106@0	CP_64QAM	18.62	1.5	20.12	102.8	1000	PASS

DC_5A_n78A	30	40	650000	53@26	CP_64QAM	18.65	1.5	20.15	103.51	1000	PASS
DC_5A_n78A	30	40	650000	1@1	CP_64QAM	18.23	1.5	19.73	93.97	1000	PASS
DC_5A_n78A	30	40	650000	1@104	CP_64QAM	18.57	1.5	20.07	101.62	1000	PASS
DC_5A_n78A	30	40	650000	106@0	CP_256QAM	15.64	1.5	17.14	51.76	1000	PASS
DC_5A_n78A	30	40	650000	53@26	CP_256QAM	15.64	1.5	17.14	51.76	1000	PASS
DC_5A_n78A	30	40	650000	1@1	CP_256QAM	15.62	1.5	17.12	51.52	1000	PASS
DC_5A_n78A	30	40	650000	1@104	CP_256QAM	15.99	1.5	17.49	56.1	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_BPSK	21.15	1.5	22.65	184.08	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_BPSK	22.09	1.5	23.59	228.56	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_BPSK	21.84	1.5	23.34	215.77	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_BPSK	22.14	1.5	23.64	231.21	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_QPSK	21.06	1.5	22.56	180.3	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_QPSK	22.04	1.5	23.54	225.94	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_QPSK	21.91	1.5	23.41	219.28	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_QPSK	22.26	1.5	23.76	237.68	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_16QAM	20.05	1.5	21.55	142.89	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_16QAM	21	1.5	22.5	177.83	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_16QAM	20.73	1.5	22.23	167.11	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_16QAM	21	1.5	22.5	177.83	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_64QAM	19.53	1.5	21.03	126.77	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_64QAM	19.57	1.5	21.07	127.94	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_64QAM	19.28	1.5	20.78	119.67	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_64QAM	19.65	1.5	21.15	130.32	1000	PASS
DC_5A_n78A	30	40	652000	100@0	DFT_256QAM	17.2	1.5	18.7	74.13	1000	PASS
DC_5A_n78A	30	40	652000	50@25	DFT_256QAM	17.26	1.5	18.76	75.16	1000	PASS
DC_5A_n78A	30	40	652000	1@1	DFT_256QAM	17.15	1.5	18.65	73.28	1000	PASS
DC_5A_n78A	30	40	652000	1@104	DFT_256QAM	17.26	1.5	18.76	75.16	1000	PASS
DC_5A_n78A	30	40	652000	106@0	CP_QPSK	19.46	1.5	20.96	124.74	1000	PASS
DC_5A_n78A	30	40	652000	53@26	CP_QPSK	20.55	1.5	22.05	160.32	1000	PASS
DC_5A_n78A	30	40	652000	1@1	CP_QPSK	20.51	1.5	22.01	158.85	1000	PASS
DC_5A_n78A	30	40	652000	1@104	CP_QPSK	20.85	1.5	22.35	171.79	1000	PASS
DC_5A_n78A	30	40	652000	106@0	CP_16QAM	19.04	1.5	20.54	113.24	1000	PASS
DC_5A_n78A	30	40	652000	53@26	CP_16QAM	20	1.5	21.5	141.25	1000	PASS
DC_5A_n78A	30	40	652000	1@1	CP_16QAM	19.77	1.5	21.27	133.97	1000	PASS
DC_5A_n78A	30	40	652000	1@104	CP_16QAM	20.26	1.5	21.76	149.97	1000	PASS
DC_5A_n78A	30	40	652000	106@0	CP_64QAM	18.56	1.5	20.06	101.39	1000	PASS
DC_5A_n78A	30	40	652000	53@26	CP_64QAM	18.61	1.5	20.11	102.57	1000	PASS
DC_5A_n78A	30	40	652000	1@1	CP_64QAM	18.13	1.5	19.63	91.83	1000	PASS
DC_5A_n78A	30	40	652000	1@104	CP_64QAM	18.52	1.5	20.02	100.46	1000	PASS
DC_5A_n78A	30	40	652000	106@0	CP_256QAM	15.6	1.5	17.1	51.29	1000	PASS
DC_5A_n78A	30	40	652000	53@26	CP_256QAM	15.58	1.5	17.08	51.05	1000	PASS
DC_5A_n78A	30	40	652000	1@1	CP_256QAM	15.49	1.5	16.99	50	1000	PASS
DC_5A_n78A	30	40	652000	1@104	CP_256QAM	15.84	1.5	17.34	54.2	1000	PASS

DC_5A_n78A	30	50	648334	128@0	DFT_BPSK	21.3	1.5	22.8	190.55	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_BPSK	21.81	1.5	23.31	214.29	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_BPSK	21.54	1.5	23.04	201.37	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_BPSK	21.93	1.5	23.43	220.29	1000	PASS
DC_5A_n78A	30	50	648334	128@0	DFT_QPSK	20.81	1.5	22.31	170.22	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_QPSK	21.76	1.5	23.26	211.84	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_QPSK	21.65	1.5	23.15	206.54	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_QPSK	21.99	1.5	23.49	223.36	1000	PASS
DC_5A_n78A	30	50	648334	128@0	DFT_16QAM	19.79	1.5	21.29	134.59	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_16QAM	20.74	1.5	22.24	167.49	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_16QAM	20.36	1.5	21.86	153.46	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_16QAM	20.69	1.5	22.19	165.58	1000	PASS
DC_5A_n78A	30	50	648334	128@0	DFT_64QAM	19.3	1.5	20.8	120.23	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_64QAM	19.28	1.5	20.78	119.67	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_64QAM	19.11	1.5	20.61	115.08	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_64QAM	19.48	1.5	20.98	125.31	1000	PASS
DC_5A_n78A	30	50	648334	128@0	DFT_256QAM	17.33	1.5	18.83	76.38	1000	PASS
DC_5A_n78A	30	50	648334	64@32	DFT_256QAM	17.3	1.5	18.8	75.86	1000	PASS
DC_5A_n78A	30	50	648334	1@1	DFT_256QAM	17.13	1.5	18.63	72.95	1000	PASS
DC_5A_n78A	30	50	648334	1@131	DFT_256QAM	17.48	1.5	18.98	79.07	1000	PASS
DC_5A_n78A	30	50	648334	133@0	CP_QPSK	19.61	1.5	21.11	129.12	1000	PASS
DC_5A_n78A	30	50	648334	67@33	CP_QPSK	19.42	1.5	20.92	123.59	1000	PASS
DC_5A_n78A	30	50	648334	1@1	CP_QPSK	19.48	1.5	20.98	125.31	1000	PASS
DC_5A_n78A	30	50	648334	1@131	CP_QPSK	19.64	1.5	21.14	130.02	1000	PASS
DC_5A_n78A	30	50	648334	133@0	CP_16QAM	19.39	1.5	20.89	122.74	1000	PASS
DC_5A_n78A	30	50	648334	67@33	CP_16QAM	19.8	1.5	21.3	134.9	1000	PASS
DC_5A_n78A	30	50	648334	1@1	CP_16QAM	19.53	1.5	21.03	126.77	1000	PASS
DC_5A_n78A	30	50	648334	1@131	CP_16QAM	19.87	1.5	21.37	137.09	1000	PASS
DC_5A_n78A	30	50	648334	133@0	CP_64QAM	18.28	1.5	19.78	95.06	1000	PASS
DC_5A_n78A	30	50	648334	67@33	CP_64QAM	18.26	1.5	19.76	94.62	1000	PASS
DC_5A_n78A	30	50	648334	1@1	CP_64QAM	17.9	1.5	19.4	87.1	1000	PASS
DC_5A_n78A	30	50	648334	1@131	CP_64QAM	18.24	1.5	19.74	94.19	1000	PASS
DC_5A_n78A	30	50	648334	133@0	CP_256QAM	15.37	1.5	16.87	48.64	1000	PASS
DC_5A_n78A	30	50	648334	67@33	CP_256QAM	15.33	1.5	16.83	48.19	1000	PASS
DC_5A_n78A	30	50	648334	1@1	CP_256QAM	15.26	1.5	16.76	47.42	1000	PASS
DC_5A_n78A	30	50	648334	1@131	CP_256QAM	15.57	1.5	17.07	50.93	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_BPSK	21.22	1.5	22.72	187.07	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_BPSK	22.14	1.5	23.64	231.21	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_BPSK	21.77	1.5	23.27	212.32	1000	PASS
DC_5A_n78A	30	50	650000	1@131	DFT_BPSK	22.25	1.5	23.75	237.14	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_QPSK	21.15	1.5	22.65	184.08	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_QPSK	22.11	1.5	23.61	229.61	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_QPSK	21.86	1.5	23.36	216.77	1000	PASS

DC_5A_n78A	30	50	650000	1@131	DFT_QPSK	22.37	1.5	23.87	243.78	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_16QAM	20.16	1.5	21.66	146.55	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_16QAM	21.07	1.5	22.57	180.72	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_16QAM	20.72	1.5	22.22	166.72	1000	PASS
DC_5A_n78A	30	50	650000	1@131	DFT_16QAM	21.22	1.5	22.72	187.07	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_64QAM	19.64	1.5	21.14	130.02	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_64QAM	19.65	1.5	21.15	130.32	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_64QAM	19.25	1.5	20.75	118.85	1000	PASS
DC_5A_n78A	30	50	650000	1@131	DFT_64QAM	19.78	1.5	21.28	134.28	1000	PASS
DC_5A_n78A	30	50	650000	128@0	DFT_256QAM	17.23	1.5	18.73	74.64	1000	PASS
DC_5A_n78A	30	50	650000	64@32	DFT_256QAM	17	1.5	18.5	70.79	1000	PASS
DC_5A_n78A	30	50	650000	1@1	DFT_256QAM	17.26	1.5	18.76	75.16	1000	PASS
DC_5A_n78A	30	50	650000	1@131	DFT_256QAM	17.2	1.5	18.7	74.13	1000	PASS
DC_5A_n78A	30	50	650000	133@0	CP_QPSK	19.14	1.5	20.64	115.88	1000	PASS
DC_5A_n78A	30	50	650000	67@33	CP_QPSK	20.62	1.5	22.12	162.93	1000	PASS
DC_5A_n78A	30	50	650000	1@1	CP_QPSK	20.45	1.5	21.95	156.68	1000	PASS
DC_5A_n78A	30	50	650000	1@131	CP_QPSK	20.86	1.5	22.36	172.19	1000	PASS
DC_5A_n78A	30	50	650000	133@0	CP_16QAM	19.09	1.5	20.59	114.55	1000	PASS
DC_5A_n78A	30	50	650000	67@33	CP_16QAM	20.14	1.5	21.64	145.88	1000	PASS
DC_5A_n78A	30	50	650000	1@1	CP_16QAM	19.85	1.5	21.35	136.46	1000	PASS
DC_5A_n78A	30	50	650000	1@131	CP_16QAM	20.26	1.5	21.76	149.97	1000	PASS
DC_5A_n78A	30	50	650000	133@0	CP_64QAM	18.59	1.5	20.09	102.09	1000	PASS
DC_5A_n78A	30	50	650000	67@33	CP_64QAM	18.64	1.5	20.14	103.28	1000	PASS
DC_5A_n78A	30	50	650000	1@1	CP_64QAM	18.13	1.5	19.63	91.83	1000	PASS
DC_5A_n78A	30	50	650000	1@131	CP_64QAM	18.57	1.5	20.07	101.62	1000	PASS
DC_5A_n78A	30	50	650000	133@0	CP_256QAM	15.68	1.5	17.18	52.24	1000	PASS
DC_5A_n78A	30	50	650000	67@33	CP_256QAM	15.66	1.5	17.16	52	1000	PASS
DC_5A_n78A	30	50	650000	1@1	CP_256QAM	15.51	1.5	17.01	50.23	1000	PASS
DC_5A_n78A	30	50	650000	1@131	CP_256QAM	15.99	1.5	17.49	56.1	1000	PASS
DC_5A_n78A	30	50	651666	128@0	DFT_BPSK	21.46	1.5	22.96	197.7	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_BPSK	22.19	1.5	23.69	233.88	1000	PASS
DC_5A_n78A	30	50	651666	1@1	DFT_BPSK	21.79	1.5	23.29	213.3	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_BPSK	22.24	1.5	23.74	236.59	1000	PASS
DC_5A_n78A	30	50	651666	128@0	DFT_QPSK	21.19	1.5	22.69	185.78	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_QPSK	22.14	1.5	23.64	231.21	1000	PASS
DC_5A_n78A	30	50	651666	1@1	DFT_QPSK	21.92	1.5	23.42	219.79	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_QPSK	22.36	1.5	23.86	243.22	1000	PASS
DC_5A_n78A	30	50	651666	128@0	DFT_16QAM	20.19	1.5	21.69	147.57	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_16QAM	21.08	1.5	22.58	181.13	1000	PASS
DC_5A_n78A	30	50	651666	1@1	DFT_16QAM	20.72	1.5	22.22	166.72	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_16QAM	21.13	1.5	22.63	183.23	1000	PASS
DC_5A_n78A	30	50	651666	128@0	DFT_64QAM	19.64	1.5	21.14	130.02	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_64QAM	19.67	1.5	21.17	130.92	1000	PASS

DC_5A_n78A	30	50	651666	1@1	DFT_64QAM	19.32	1.5	20.82	120.78	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_64QAM	19.8	1.5	21.3	134.9	1000	PASS
DC_5A_n78A	30	50	651666	128@0	DFT_256QAM	17.43	1.5	18.93	78.16	1000	PASS
DC_5A_n78A	30	50	651666	64@32	DFT_256QAM	17.44	1.5	18.94	78.34	1000	PASS
DC_5A_n78A	30	50	651666	1@1	DFT_256QAM	17.16	1.5	18.66	73.45	1000	PASS
DC_5A_n78A	30	50	651666	1@131	DFT_256QAM	17.26	1.5	18.76	75.16	1000	PASS
DC_5A_n78A	30	50	651666	133@0	CP_QPSK	19.42	1.5	20.92	123.59	1000	PASS
DC_5A_n78A	30	50	651666	67@33	CP_QPSK	20.26	1.5	21.76	149.97	1000	PASS
DC_5A_n78A	30	50	651666	1@1	CP_QPSK	20.11	1.5	21.61	144.88	1000	PASS
DC_5A_n78A	30	50	651666	1@131	CP_QPSK	20.16	1.5	21.66	146.55	1000	PASS
DC_5A_n78A	30	50	651666	133@0	CP_16QAM	19.48	1.5	20.98	125.31	1000	PASS
DC_5A_n78A	30	50	651666	67@33	CP_16QAM	20.09	1.5	21.59	144.21	1000	PASS
DC_5A_n78A	30	50	651666	1@1	CP_16QAM	19.77	1.5	21.27	133.97	1000	PASS
DC_5A_n78A	30	50	651666	1@131	CP_16QAM	20.2	1.5	21.7	147.91	1000	PASS
DC_5A_n78A	30	50	651666	133@0	CP_64QAM	18.62	1.5	20.12	102.8	1000	PASS
DC_5A_n78A	30	50	651666	67@33	CP_64QAM	18.64	1.5	20.14	103.28	1000	PASS
DC_5A_n78A	30	50	651666	1@1	CP_64QAM	18.2	1.5	19.7	93.33	1000	PASS
DC_5A_n78A	30	50	651666	1@131	CP_64QAM	18.61	1.5	20.11	102.57	1000	PASS
DC_5A_n78A	30	50	651666	133@0	CP_256QAM	15.67	1.5	17.17	52.12	1000	PASS
DC_5A_n78A	30	50	651666	67@33	CP_256QAM	15.62	1.5	17.12	51.52	1000	PASS
DC_5A_n78A	30	50	651666	1@1	CP_256QAM	15.52	1.5	17.02	50.35	1000	PASS
DC_5A_n78A	30	50	651666	1@131	CP_256QAM	16.02	1.5	17.52	56.49	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_BPSK	21.68	1.5	23.18	207.97	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_BPSK	21.8	1.5	23.3	213.8	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_BPSK	21.51	1.5	23.01	199.99	1000	PASS
DC_5A_n78A	30	60	648668	1@160	DFT_BPSK	21.92	1.5	23.42	219.79	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_QPSK	20.78	1.5	22.28	169.04	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_QPSK	21.79	1.5	23.29	213.3	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_QPSK	21.6	1.5	23.1	204.17	1000	PASS
DC_5A_n78A	30	60	648668	1@160	DFT_QPSK	21.96	1.5	23.46	221.82	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_16QAM	19.79	1.5	21.29	134.59	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_16QAM	20.82	1.5	22.32	170.61	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_16QAM	20.36	1.5	21.86	153.46	1000	PASS
DC_5A_n78A	30	60	648668	1@160	DFT_16QAM	20.78	1.5	22.28	169.04	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_64QAM	19.31	1.5	20.81	120.5	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_64QAM	19.35	1.5	20.85	121.62	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_64QAM	18.97	1.5	20.47	111.43	1000	PASS
DC_5A_n78A	30	60	648668	1@160	DFT_64QAM	19.37	1.5	20.87	122.18	1000	PASS
DC_5A_n78A	30	60	648668	162@0	DFT_256QAM	17.31	1.5	18.81	76.03	1000	PASS
DC_5A_n78A	30	60	648668	81@40	DFT_256QAM	17.31	1.5	18.81	76.03	1000	PASS
DC_5A_n78A	30	60	648668	1@1	DFT_256QAM	17.06	1.5	18.56	71.78	1000	PASS
DC_5A_n78A	30	60	648668	1@160	DFT_256QAM	17.49	1.5	18.99	79.25	1000	PASS
DC_5A_n78A	30	60	648668	162@0	CP_QPSK	18.73	1.5	20.23	105.44	1000	PASS

DC_5A_n78A	30	60	648668	81@40	CP_QPSK	20.27	1.5	21.77	150.31	1000	PASS
DC_5A_n78A	30	60	648668	1@1	CP_QPSK	20.15	1.5	21.65	146.22	1000	PASS
DC_5A_n78A	30	60	648668	1@160	CP_QPSK	20.56	1.5	22.06	160.69	1000	PASS
DC_5A_n78A	30	60	648668	162@0	CP_16QAM	18.74	1.5	20.24	105.68	1000	PASS
DC_5A_n78A	30	60	648668	81@40	CP_16QAM	19.77	1.5	21.27	133.97	1000	PASS
DC_5A_n78A	30	60	648668	1@1	CP_16QAM	19.53	1.5	21.03	126.77	1000	PASS
DC_5A_n78A	30	60	648668	1@160	CP_16QAM	19.97	1.5	21.47	140.28	1000	PASS
DC_5A_n78A	30	60	648668	162@0	CP_64QAM	18.29	1.5	19.79	95.28	1000	PASS
DC_5A_n78A	30	60	648668	81@40	CP_64QAM	18.28	1.5	19.78	95.06	1000	PASS
DC_5A_n78A	30	60	648668	1@1	CP_64QAM	17.78	1.5	19.28	84.72	1000	PASS
DC_5A_n78A	30	60	648668	1@160	CP_64QAM	18.21	1.5	19.71	93.54	1000	PASS
DC_5A_n78A	30	60	648668	162@0	CP_256QAM	15.28	1.5	16.78	47.64	1000	PASS
DC_5A_n78A	30	60	648668	81@40	CP_256QAM	15.28	1.5	16.78	47.64	1000	PASS
DC_5A_n78A	30	60	648668	1@1	CP_256QAM	15.18	1.5	16.68	46.56	1000	PASS
DC_5A_n78A	30	60	648668	1@160	CP_256QAM	15.57	1.5	17.07	50.93	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_BPSK	21.52	1.5	23.02	200.45	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_BPSK	22.09	1.5	23.59	228.56	1000	PASS
DC_5A_n78A	30	60	650000	1@1	DFT_BPSK	21.67	1.5	23.17	207.49	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_BPSK	22.28	1.5	23.78	238.78	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_QPSK	21.14	1.5	22.64	183.65	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_QPSK	22.08	1.5	23.58	228.03	1000	PASS
DC_5A_n78A	30	60	650000	1@1	DFT_QPSK	21.8	1.5	23.3	213.8	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_QPSK	22.37	1.5	23.87	243.78	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_16QAM	20.09	1.5	21.59	144.21	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_16QAM	21.12	1.5	22.62	182.81	1000	PASS
DC_5A_n78A	30	60	650000	1@1	DFT_16QAM	20.51	1.5	22.01	158.85	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_16QAM	21.06	1.5	22.56	180.3	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_64QAM	19.64	1.5	21.14	130.02	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_64QAM	19.62	1.5	21.12	129.42	1000	PASS
DC_5A_n78A	30	60	650000	1@1	DFT_64QAM	19.21	1.5	20.71	117.76	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_64QAM	19.84	1.5	21.34	136.14	1000	PASS
DC_5A_n78A	30	60	650000	162@0	DFT_256QAM	17.23	1.5	18.73	74.64	1000	PASS
DC_5A_n78A	30	60	650000	81@40	DFT_256QAM	17.26	1.5	18.76	75.16	1000	PASS
DC_5A_n78A	30	60	650000	1@1	DFT_256QAM	17.29	1.5	18.79	75.68	1000	PASS
DC_5A_n78A	30	60	650000	1@160	DFT_256QAM	17.06	1.5	18.56	71.78	1000	PASS
DC_5A_n78A	30	60	650000	162@0	CP_QPSK	19.92	1.5	21.42	138.68	1000	PASS
DC_5A_n78A	30	60	650000	81@40	CP_QPSK	20.53	1.5	22.03	159.59	1000	PASS
DC_5A_n78A	30	60	650000	1@1	CP_QPSK	20.34	1.5	21.84	152.76	1000	PASS
DC_5A_n78A	30	60	650000	1@160	CP_QPSK	20.96	1.5	22.46	176.2	1000	PASS
DC_5A_n78A	30	60	650000	162@0	CP_16QAM	19.09	1.5	20.59	114.55	1000	PASS
DC_5A_n78A	30	60	650000	81@40	CP_16QAM	20.08	1.5	21.58	143.88	1000	PASS
DC_5A_n78A	30	60	650000	1@1	CP_16QAM	19.75	1.5	21.25	133.35	1000	PASS
DC_5A_n78A	30	60	650000	1@160	CP_16QAM	20.22	1.5	21.72	148.59	1000	PASS

DC_5A_n78A	30	60	650000	162@0	CP_64QAM	18.61	1.5	20.11	102.57	1000	PASS
DC_5A_n78A	30	60	650000	81@40	CP_64QAM	18.59	1.5	20.09	102.09	1000	PASS
DC_5A_n78A	30	60	650000	1@1	CP_64QAM	18.04	1.5	19.54	89.95	1000	PASS
DC_5A_n78A	30	60	650000	1@160	CP_64QAM	18.6	1.5	20.1	102.33	1000	PASS
DC_5A_n78A	30	60	650000	162@0	CP_256QAM	15.64	1.5	17.14	51.76	1000	PASS
DC_5A_n78A	30	60	650000	81@40	CP_256QAM	15.59	1.5	17.09	51.17	1000	PASS
DC_5A_n78A	30	60	650000	1@1	CP_256QAM	15.42	1.5	16.92	49.2	1000	PASS
DC_5A_n78A	30	60	650000	1@160	CP_256QAM	15.95	1.5	17.45	55.59	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_BPSK	21.66	1.5	23.16	207.01	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_BPSK	22.16	1.5	23.66	232.27	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_BPSK	21.71	1.5	23.21	209.41	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_BPSK	22.29	1.5	23.79	239.33	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_QPSK	21.13	1.5	22.63	183.23	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_QPSK	22.13	1.5	23.63	230.67	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_QPSK	21.81	1.5	23.31	214.29	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_QPSK	22.41	1.5	23.91	246.04	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_16QAM	20.12	1.5	21.62	145.21	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_16QAM	21.12	1.5	22.62	182.81	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_16QAM	20.58	1.5	22.08	161.44	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_16QAM	21.12	1.5	22.62	182.81	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_64QAM	19.62	1.5	21.12	129.42	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_64QAM	19.69	1.5	21.19	131.52	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_64QAM	19.2	1.5	20.7	117.49	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_64QAM	19.82	1.5	21.32	135.52	1000	PASS
DC_5A_n78A	30	60	651332	162@0	DFT_256QAM	17.63	1.5	19.13	81.85	1000	PASS
DC_5A_n78A	30	60	651332	81@40	DFT_256QAM	17.65	1.5	19.15	82.22	1000	PASS
DC_5A_n78A	30	60	651332	1@1	DFT_256QAM	17.33	1.5	18.83	76.38	1000	PASS
DC_5A_n78A	30	60	651332	1@160	DFT_256QAM	17.86	1.5	19.36	86.3	1000	PASS
DC_5A_n78A	30	60	651332	162@0	CP_QPSK	19.68	1.5	21.18	131.22	1000	PASS
DC_5A_n78A	30	60	651332	81@40	CP_QPSK	19.58	1.5	21.08	128.23	1000	PASS
DC_5A_n78A	30	60	651332	1@1	CP_QPSK	19.22	1.5	20.72	118.03	1000	PASS
DC_5A_n78A	30	60	651332	1@160	CP_QPSK	19.56	1.5	21.06	127.64	1000	PASS
DC_5A_n78A	30	60	651332	162@0	CP_16QAM	19.67	1.5	21.17	130.92	1000	PASS
DC_5A_n78A	30	60	651332	81@40	CP_16QAM	20.07	1.5	21.57	143.55	1000	PASS
DC_5A_n78A	30	60	651332	1@1	CP_16QAM	19.67	1.5	21.17	130.92	1000	PASS
DC_5A_n78A	30	60	651332	1@160	CP_16QAM	20.28	1.5	21.78	150.66	1000	PASS
DC_5A_n78A	30	60	651332	162@0	CP_64QAM	18.59	1.5	20.09	102.09	1000	PASS
DC_5A_n78A	30	60	651332	81@40	CP_64QAM	18.61	1.5	20.11	102.57	1000	PASS
DC_5A_n78A	30	60	651332	1@1	CP_64QAM	18.05	1.5	19.55	90.16	1000	PASS
DC_5A_n78A	30	60	651332	1@160	CP_64QAM	18.66	1.5	20.16	103.75	1000	PASS
DC_5A_n78A	30	60	651332	162@0	CP_256QAM	15.64	1.5	17.14	51.76	1000	PASS
DC_5A_n78A	30	60	651332	81@40	CP_256QAM	15.62	1.5	17.12	51.52	1000	PASS
DC_5A_n78A	30	60	651332	1@1	CP_256QAM	15.42	1.5	16.92	49.2	1000	PASS

DC_5A_n78A	30	60	651332	1@160	CP_256QAM	15.96	1.5	17.46	55.72	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_BPSK	21.68	1.5	23.18	207.97	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_BPSK	21.95	1.5	23.45	221.31	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_BPSK	21.6	1.5	23.1	204.17	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_BPSK	22.13	1.5	23.63	230.67	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_QPSK	20.97	1.5	22.47	176.6	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_QPSK	21.92	1.5	23.42	219.79	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_QPSK	21.7	1.5	23.2	208.93	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_QPSK	22.21	1.5	23.71	234.96	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_16QAM	19.95	1.5	21.45	139.64	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_16QAM	20.92	1.5	22.42	174.58	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_16QAM	20.44	1.5	21.94	156.31	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_16QAM	20.91	1.5	22.41	174.18	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_64QAM	19.47	1.5	20.97	125.03	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_64QAM	19.47	1.5	20.97	125.03	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_64QAM	19.03	1.5	20.53	112.98	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_64QAM	19.55	1.5	21.05	127.35	1000	PASS
DC_5A_n78A	30	70	649000	180@0	DFT_256QAM	17.06	1.5	18.56	71.78	1000	PASS
DC_5A_n78A	30	70	649000	90@45	DFT_256QAM	17.11	1.5	18.61	72.61	1000	PASS
DC_5A_n78A	30	70	649000	1@1	DFT_256QAM	17.16	1.5	18.66	73.45	1000	PASS
DC_5A_n78A	30	70	649000	1@187	DFT_256QAM	17.25	1.5	18.75	74.99	1000	PASS
DC_5A_n78A	30	70	649000	189@0	CP_QPSK	19.88	1.5	21.38	137.4	1000	PASS
DC_5A_n78A	30	70	649000	95@47	CP_QPSK	20.44	1.5	21.94	156.31	1000	PASS
DC_5A_n78A	30	70	649000	1@1	CP_QPSK	20.21	1.5	21.71	148.25	1000	PASS
DC_5A_n78A	30	70	649000	1@187	CP_QPSK	20.7	1.5	22.2	165.96	1000	PASS
DC_5A_n78A	30	70	649000	189@0	CP_16QAM	18.97	1.5	20.47	111.43	1000	PASS
DC_5A_n78A	30	70	649000	95@47	CP_16QAM	19.93	1.5	21.43	139	1000	PASS
DC_5A_n78A	30	70	649000	1@1	CP_16QAM	19.5	1.5	21	125.89	1000	PASS
DC_5A_n78A	30	70	649000	1@187	CP_16QAM	20.03	1.5	21.53	142.23	1000	PASS
DC_5A_n78A	30	70	649000	189@0	CP_64QAM	18.47	1.5	19.97	99.31	1000	PASS
DC_5A_n78A	30	70	649000	95@47	CP_64QAM	18.47	1.5	19.97	99.31	1000	PASS
DC_5A_n78A	30	70	649000	1@1	CP_64QAM	17.81	1.5	19.31	85.31	1000	PASS
DC_5A_n78A	30	70	649000	1@187	CP_64QAM	18.36	1.5	19.86	96.83	1000	PASS
DC_5A_n78A	30	70	649000	189@0	CP_256QAM	15.5	1.5	17	50.12	1000	PASS
DC_5A_n78A	30	70	649000	95@47	CP_256QAM	15.47	1.5	16.97	49.77	1000	PASS
DC_5A_n78A	30	70	649000	1@1	CP_256QAM	15.21	1.5	16.71	46.88	1000	PASS
DC_5A_n78A	30	70	649000	1@187	CP_256QAM	15.72	1.5	17.22	52.72	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_BPSK	21.6	1.5	23.1	204.17	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_BPSK	22.17	1.5	23.67	232.81	1000	PASS
DC_5A_n78A	30	70	650000	1@1	DFT_BPSK	21.66	1.5	23.16	207.01	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_BPSK	22.24	1.5	23.74	236.59	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_QPSK	21.12	1.5	22.62	182.81	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_QPSK	22.09	1.5	23.59	228.56	1000	PASS

DC_5A_n78A	30	70	650000	1@1	DFT_QPSK	21.79	1.5	23.29	213.3	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_QPSK	22.37	1.5	23.87	243.78	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_16QAM	20.14	1.5	21.64	145.88	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_16QAM	21.11	1.5	22.61	182.39	1000	PASS
DC_5A_n78A	30	70	650000	1@1	DFT_16QAM	20.53	1.5	22.03	159.59	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_16QAM	21.17	1.5	22.67	184.93	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_64QAM	19.62	1.5	21.12	129.42	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_64QAM	19.68	1.5	21.18	131.22	1000	PASS
DC_5A_n78A	30	70	650000	1@1	DFT_64QAM	19.17	1.5	20.67	116.68	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_64QAM	19.72	1.5	21.22	132.43	1000	PASS
DC_5A_n78A	30	70	650000	180@0	DFT_256QAM	17.67	1.5	19.17	82.6	1000	PASS
DC_5A_n78A	30	70	650000	90@45	DFT_256QAM	17.69	1.5	19.19	82.99	1000	PASS
DC_5A_n78A	30	70	650000	1@1	DFT_256QAM	17.24	1.5	18.74	74.82	1000	PASS
DC_5A_n78A	30	70	650000	1@187	DFT_256QAM	17.8	1.5	19.3	85.11	1000	PASS
DC_5A_n78A	30	70	650000	189@0	CP_QPSK	19.9	1.5	21.4	138.04	1000	PASS
DC_5A_n78A	30	70	650000	95@47	CP_QPSK	19.25	1.5	20.75	118.85	1000	PASS
DC_5A_n78A	30	70	650000	1@1	CP_QPSK	19.47	1.5	20.97	125.03	1000	PASS
DC_5A_n78A	30	70	650000	1@187	CP_QPSK	19.82	1.5	21.32	135.52	1000	PASS
DC_5A_n78A	30	70	650000	189@0	CP_16QAM	19.91	1.5	21.41	138.36	1000	PASS
DC_5A_n78A	30	70	650000	95@47	CP_16QAM	20.13	1.5	21.63	145.55	1000	PASS
DC_5A_n78A	30	70	650000	1@1	CP_16QAM	19.75	1.5	21.25	133.35	1000	PASS
DC_5A_n78A	30	70	650000	1@187	CP_16QAM	20.18	1.5	21.68	147.23	1000	PASS
DC_5A_n78A	30	70	650000	189@0	CP_64QAM	18.62	1.5	20.12	102.8	1000	PASS
DC_5A_n78A	30	70	650000	95@47	CP_64QAM	18.66	1.5	20.16	103.75	1000	PASS
DC_5A_n78A	30	70	650000	1@1	CP_64QAM	18.04	1.5	19.54	89.95	1000	PASS
DC_5A_n78A	30	70	650000	1@187	CP_64QAM	18.63	1.5	20.13	103.04	1000	PASS
DC_5A_n78A	30	70	650000	189@0	CP_256QAM	15.66	1.5	17.16	52	1000	PASS
DC_5A_n78A	30	70	650000	95@47	CP_256QAM	15.64	1.5	17.14	51.76	1000	PASS
DC_5A_n78A	30	70	650000	1@1	CP_256QAM	15.33	1.5	16.83	48.19	1000	PASS
DC_5A_n78A	30	70	650000	1@187	CP_256QAM	15.87	1.5	17.37	54.58	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_BPSK	21.29	1.5	22.79	190.11	1000	PASS
DC_5A_n78A	30	70	651000	90@45	DFT_BPSK	22.2	1.5	23.7	234.42	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_BPSK	21.7	1.5	23.2	208.93	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_BPSK	22.34	1.5	23.84	242.1	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_QPSK	21.2	1.5	22.7	186.21	1000	PASS
DC_5A_n78A	30	70	651000	90@45	DFT_QPSK	22.23	1.5	23.73	236.05	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_QPSK	21.84	1.5	23.34	215.77	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_QPSK	22.46	1.5	23.96	248.89	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_16QAM	20.21	1.5	21.71	148.25	1000	PASS
DC_5A_n78A	30	70	651000	90@45	DFT_16QAM	21.2	1.5	22.7	186.21	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_16QAM	20.63	1.5	22.13	163.31	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_16QAM	21.24	1.5	22.74	187.93	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_64QAM	19.69	1.5	21.19	131.52	1000	PASS

DC_5A_n78A	30	70	651000	90@45	DFT_64QAM	19.74	1.5	21.24	133.05	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_64QAM	19.22	1.5	20.72	118.03	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_64QAM	19.8	1.5	21.3	134.9	1000	PASS
DC_5A_n78A	30	70	651000	180@0	DFT_256QAM	17.72	1.5	19.22	83.56	1000	PASS
DC_5A_n78A	30	70	651000	90@45	DFT_256QAM	17.73	1.5	19.23	83.75	1000	PASS
DC_5A_n78A	30	70	651000	1@1	DFT_256QAM	17.25	1.5	18.75	74.99	1000	PASS
DC_5A_n78A	30	70	651000	1@187	DFT_256QAM	17.93	1.5	19.43	87.7	1000	PASS
DC_5A_n78A	30	70	651000	189@0	CP_QPSK	19.6	1.5	21.1	128.82	1000	PASS
DC_5A_n78A	30	70	651000	95@47	CP_QPSK	20.14	1.5	21.64	145.88	1000	PASS
DC_5A_n78A	30	70	651000	1@1	CP_QPSK	19.87	1.5	21.37	137.09	1000	PASS
DC_5A_n78A	30	70	651000	1@187	CP_QPSK	20.16	1.5	21.66	146.55	1000	PASS
DC_5A_n78A	30	70	651000	189@0	CP_16QAM	19.88	1.5	21.38	137.4	1000	PASS
DC_5A_n78A	30	70	651000	95@47	CP_16QAM	20.21	1.5	21.71	148.25	1000	PASS
DC_5A_n78A	30	70	651000	1@1	CP_16QAM	19.69	1.5	21.19	131.52	1000	PASS
DC_5A_n78A	30	70	651000	1@187	CP_16QAM	20.37	1.5	21.87	153.82	1000	PASS
DC_5A_n78A	30	70	651000	189@0	CP_64QAM	18.72	1.5	20.22	105.2	1000	PASS
DC_5A_n78A	30	70	651000	95@47	CP_64QAM	18.72	1.5	20.22	105.2	1000	PASS
DC_5A_n78A	30	70	651000	1@1	CP_64QAM	18.07	1.5	19.57	90.57	1000	PASS
DC_5A_n78A	30	70	651000	1@187	CP_64QAM	18.72	1.5	20.22	105.2	1000	PASS
DC_5A_n78A	30	70	651000	189@0	CP_256QAM	15.71	1.5	17.21	52.6	1000	PASS
DC_5A_n78A	30	70	651000	95@47	CP_256QAM	15.73	1.5	17.23	52.84	1000	PASS
DC_5A_n78A	30	70	651000	1@1	CP_256QAM	15.38	1.5	16.88	48.75	1000	PASS
DC_5A_n78A	30	70	651000	1@187	CP_256QAM	15.97	1.5	17.47	55.85	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_BPSK	21.59	1.5	23.09	203.7	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_BPSK	21.98	1.5	23.48	222.84	1000	PASS
DC_5A_n78A	30	80	649334	1@1	DFT_BPSK	21.57	1.5	23.07	202.77	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_BPSK	22.15	1.5	23.65	231.74	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_QPSK	20.95	1.5	22.45	175.79	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_QPSK	21.97	1.5	23.47	222.33	1000	PASS
DC_5A_n78A	30	80	649334	1@1	DFT_QPSK	21.64	1.5	23.14	206.06	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_QPSK	22.27	1.5	23.77	238.23	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_16QAM	19.94	1.5	21.44	139.32	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_16QAM	20.94	1.5	22.44	175.39	1000	PASS
DC_5A_n78A	30	80	649334	1@1	DFT_16QAM	20.45	1.5	21.95	156.68	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_16QAM	21.04	1.5	22.54	179.47	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_64QAM	19.44	1.5	20.94	124.17	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_64QAM	19.51	1.5	21.01	126.18	1000	PASS
DC_5A_n78A	30	80	649334	1@1	DFT_64QAM	19.03	1.5	20.53	112.98	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_64QAM	19.58	1.5	21.08	128.23	1000	PASS
DC_5A_n78A	30	80	649334	216@0	DFT_256QAM	17.23	1.5	18.73	74.64	1000	PASS
DC_5A_n78A	30	80	649334	108@54	DFT_256QAM	16.96	1.5	18.46	70.15	1000	PASS
DC_5A_n78A	30	80	649334	1@1	DFT_256QAM	17.15	1.5	18.65	73.28	1000	PASS
DC_5A_n78A	30	80	649334	1@215	DFT_256QAM	17.26	1.5	18.76	75.16	1000	PASS

DC_5A_n78A	30	80	649334	217@0	CP_QPSK	19.69	1.5	21.19	131.52	1000	PASS
DC_5A_n78A	30	80	649334	109@54	CP_QPSK	20.4	1.5	21.9	154.88	1000	PASS
DC_5A_n78A	30	80	649334	1@1	CP_QPSK	20.16	1.5	21.66	146.55	1000	PASS
DC_5A_n78A	30	80	649334	1@215	CP_QPSK	20.86	1.5	22.36	172.19	1000	PASS
DC_5A_n78A	30	80	649334	217@0	CP_16QAM	18.98	1.5	20.48	111.69	1000	PASS
DC_5A_n78A	30	80	649334	109@54	CP_16QAM	19.93	1.5	21.43	139	1000	PASS
DC_5A_n78A	30	80	649334	1@1	CP_16QAM	19.48	1.5	20.98	125.31	1000	PASS
DC_5A_n78A	30	80	649334	1@215	CP_16QAM	20.08	1.5	21.58	143.88	1000	PASS
DC_5A_n78A	30	80	649334	217@0	CP_64QAM	18.49	1.5	19.99	99.77	1000	PASS
DC_5A_n78A	30	80	649334	109@54	CP_64QAM	18.44	1.5	19.94	98.63	1000	PASS
DC_5A_n78A	30	80	649334	1@1	CP_64QAM	17.84	1.5	19.34	85.9	1000	PASS
DC_5A_n78A	30	80	649334	1@215	CP_64QAM	18.46	1.5	19.96	99.08	1000	PASS
DC_5A_n78A	30	80	649334	217@0	CP_256QAM	15.53	1.5	17.03	50.47	1000	PASS
DC_5A_n78A	30	80	649334	109@54	CP_256QAM	15.45	1.5	16.95	49.55	1000	PASS
DC_5A_n78A	30	80	649334	1@1	CP_256QAM	15.16	1.5	16.66	46.34	1000	PASS
DC_5A_n78A	30	80	649334	1@215	CP_256QAM	15.76	1.5	17.26	53.21	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_BPSK	21.69	1.5	23.19	208.45	1000	PASS
DC_5A_n78A	30	80	650000	108@54	DFT_BPSK	22.19	1.5	23.69	233.88	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_BPSK	21.7	1.5	23.2	208.93	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_BPSK	22.34	1.5	23.84	242.1	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_QPSK	21.16	1.5	22.66	184.5	1000	PASS
DC_5A_n78A	30	80	650000	108@54	DFT_QPSK	22.17	1.5	23.67	232.81	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_QPSK	21.79	1.5	23.29	213.3	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_QPSK	22.44	1.5	23.94	247.74	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_16QAM	20.18	1.5	21.68	147.23	1000	PASS
DC_5A_n78A	30	80	650000	108@54	DFT_16QAM	21.14	1.5	22.64	183.65	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_16QAM	20.63	1.5	22.13	163.31	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_16QAM	21.16	1.5	22.66	184.5	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_64QAM	19.6	1.5	21.1	128.82	1000	PASS
DC_5A_n78A	30	80	650000	108@54	DFT_64QAM	19.69	1.5	21.19	131.52	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_64QAM	19.17	1.5	20.67	116.68	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_64QAM	19.79	1.5	21.29	134.59	1000	PASS
DC_5A_n78A	30	80	650000	216@0	DFT_256QAM	17.35	1.5	18.85	76.74	1000	PASS
DC_5A_n78A	30	80	650000	108@54	DFT_256QAM	17.26	1.5	18.76	75.16	1000	PASS
DC_5A_n78A	30	80	650000	1@1	DFT_256QAM	17.22	1.5	18.72	74.47	1000	PASS
DC_5A_n78A	30	80	650000	1@215	DFT_256QAM	17.45	1.5	18.95	78.52	1000	PASS
DC_5A_n78A	30	80	650000	217@0	CP_QPSK	19.26	1.5	20.76	119.12	1000	PASS
DC_5A_n78A	30	80	650000	109@54	CP_QPSK	20.21	1.5	21.71	148.25	1000	PASS
DC_5A_n78A	30	80	650000	1@1	CP_QPSK	20.16	1.5	21.66	146.55	1000	PASS
DC_5A_n78A	30	80	650000	1@215	CP_QPSK	19.83	1.5	21.33	135.83	1000	PASS
DC_5A_n78A	30	80	650000	217@0	CP_16QAM	19.11	1.5	20.61	115.08	1000	PASS
DC_5A_n78A	30	80	650000	109@54	CP_16QAM	20.14	1.5	21.64	145.88	1000	PASS
DC_5A_n78A	30	80	650000	1@1	CP_16QAM	19.62	1.5	21.12	129.42	1000	PASS

DC_5A_n78A	30	80	650000	1@215	CP_16QAM	20.23	1.5	21.73	148.94	1000	PASS
DC_5A_n78A	30	80	650000	217@0	CP_64QAM	18.64	1.5	20.14	103.28	1000	PASS
DC_5A_n78A	30	80	650000	109@54	CP_64QAM	18.64	1.5	20.14	103.28	1000	PASS
DC_5A_n78A	30	80	650000	1@1	CP_64QAM	18.04	1.5	19.54	89.95	1000	PASS
DC_5A_n78A	30	80	650000	1@215	CP_64QAM	18.66	1.5	20.16	103.75	1000	PASS
DC_5A_n78A	30	80	650000	217@0	CP_256QAM	15.66	1.5	17.16	52	1000	PASS
DC_5A_n78A	30	80	650000	109@54	CP_256QAM	15.66	1.5	17.16	52	1000	PASS
DC_5A_n78A	30	80	650000	1@1	CP_256QAM	15.36	1.5	16.86	48.53	1000	PASS
DC_5A_n78A	30	80	650000	1@215	CP_256QAM	15.92	1.5	17.42	55.21	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_BPSK	21.64	1.5	23.14	206.06	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_BPSK	22.2	1.5	23.7	234.42	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_BPSK	21.73	1.5	23.23	210.38	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_BPSK	22.34	1.5	23.84	242.1	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_QPSK	21.17	1.5	22.67	184.93	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_QPSK	22.16	1.5	23.66	232.27	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_QPSK	21.77	1.5	23.27	212.32	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_QPSK	22.44	1.5	23.94	247.74	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_16QAM	20.17	1.5	21.67	146.89	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_16QAM	21.14	1.5	22.64	183.65	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_16QAM	20.56	1.5	22.06	160.69	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_16QAM	21.25	1.5	22.75	188.36	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_64QAM	19.68	1.5	21.18	131.22	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_64QAM	19.71	1.5	21.21	132.13	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_64QAM	19.17	1.5	20.67	116.68	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_64QAM	19.8	1.5	21.3	134.9	1000	PASS
DC_5A_n78A	30	80	650666	216@0	DFT_256QAM	17.13	1.5	18.63	72.95	1000	PASS
DC_5A_n78A	30	80	650666	108@54	DFT_256QAM	17.21	1.5	18.71	74.3	1000	PASS
DC_5A_n78A	30	80	650666	1@1	DFT_256QAM	17.36	1.5	18.86	76.91	1000	PASS
DC_5A_n78A	30	80	650666	1@215	DFT_256QAM	17.04	1.5	18.54	71.45	1000	PASS
DC_5A_n78A	30	80	650666	217@0	CP_QPSK	19.13	1.5	20.63	115.61	1000	PASS
DC_5A_n78A	30	80	650666	109@54	CP_QPSK	20.6	1.5	22.1	162.18	1000	PASS
DC_5A_n78A	30	80	650666	1@1	CP_QPSK	20.28	1.5	21.78	150.66	1000	PASS
DC_5A_n78A	30	80	650666	1@215	CP_QPSK	20.93	1.5	22.43	174.98	1000	PASS
DC_5A_n78A	30	80	650666	217@0	CP_16QAM	19.14	1.5	20.64	115.88	1000	PASS
DC_5A_n78A	30	80	650666	109@54	CP_16QAM	20.1	1.5	21.6	144.54	1000	PASS
DC_5A_n78A	30	80	650666	1@1	CP_16QAM	19.68	1.5	21.18	131.22	1000	PASS
DC_5A_n78A	30	80	650666	1@215	CP_16QAM	20.31	1.5	21.81	151.71	1000	PASS
DC_5A_n78A	30	80	650666	217@0	CP_64QAM	18.68	1.5	20.18	104.23	1000	PASS
DC_5A_n78A	30	80	650666	109@54	CP_64QAM	18.63	1.5	20.13	103.04	1000	PASS
DC_5A_n78A	30	80	650666	1@1	CP_64QAM	18	1.5	19.5	89.13	1000	PASS
DC_5A_n78A	30	80	650666	1@215	CP_64QAM	18.7	1.5	20.2	104.71	1000	PASS
DC_5A_n78A	30	80	650666	217@0	CP_256QAM	15.69	1.5	17.19	52.36	1000	PASS
DC_5A_n78A	30	80	650666	109@54	CP_256QAM	15.72	1.5	17.22	52.72	1000	PASS

DC_5A_n78A	30	80	650666	1@1	CP_256QAM	15.3	1.5	16.8	47.86	1000	PASS
DC_5A_n78A	30	80	650666	1@215	CP_256QAM	15.97	1.5	17.47	55.85	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_BPSK	21.94	1.5	23.44	220.8	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_BPSK	22.13	1.5	23.63	230.67	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_BPSK	22.06	1.5	23.56	226.99	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_BPSK	21.86	1.5	23.36	216.77	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_QPSK	21.64	1.5	23.14	206.06	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_QPSK	22.04	1.5	23.54	225.94	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_QPSK	21.63	1.5	23.13	205.59	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_QPSK	22.32	1.5	23.82	240.99	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_16QAM	20.03	1.5	21.53	142.23	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_16QAM	21.04	1.5	22.54	179.47	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_16QAM	20.41	1.5	21.91	155.24	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_16QAM	21.13	1.5	22.63	183.23	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_64QAM	19.53	1.5	21.03	126.77	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_64QAM	19.58	1.5	21.08	128.23	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_64QAM	19.03	1.5	20.53	112.98	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_64QAM	19.74	1.5	21.24	133.05	1000	PASS
DC_5A_n78A	30	90	649668	243@0	DFT_256QAM	17.12	1.5	18.62	72.78	1000	PASS
DC_5A_n78A	30	90	649668	120@60	DFT_256QAM	17.26	1.5	18.76	75.16	1000	PASS
DC_5A_n78A	30	90	649668	1@1	DFT_256QAM	17.33	1.5	18.83	76.38	1000	PASS
DC_5A_n78A	30	90	649668	1@243	DFT_256QAM	17.05	1.5	18.55	71.61	1000	PASS
DC_5A_n78A	30	90	649668	245@0	CP_QPSK	20.11	1.5	21.61	144.88	1000	PASS
DC_5A_n78A	30	90	649668	123@61	CP_QPSK	20.5	1.5	22	158.49	1000	PASS
DC_5A_n78A	30	90	649668	1@1	CP_QPSK	20.19	1.5	21.69	147.57	1000	PASS
DC_5A_n78A	30	90	649668	1@243	CP_QPSK	20.88	1.5	22.38	172.98	1000	PASS
DC_5A_n78A	30	90	649668	245@0	CP_16QAM	19.04	1.5	20.54	113.24	1000	PASS
DC_5A_n78A	30	90	649668	123@61	CP_16QAM	20.01	1.5	21.51	141.58	1000	PASS
DC_5A_n78A	30	90	649668	1@1	CP_16QAM	19.45	1.5	20.95	124.45	1000	PASS
DC_5A_n78A	30	90	649668	1@243	CP_16QAM	20.1	1.5	21.6	144.54	1000	PASS
DC_5A_n78A	30	90	649668	245@0	CP_64QAM	18.52	1.5	20.02	100.46	1000	PASS
DC_5A_n78A	30	90	649668	123@61	CP_64QAM	18.52	1.5	20.02	100.46	1000	PASS
DC_5A_n78A	30	90	649668	1@1	CP_64QAM	17.83	1.5	19.33	85.7	1000	PASS
DC_5A_n78A	30	90	649668	1@243	CP_64QAM	18.55	1.5	20.05	101.16	1000	PASS
DC_5A_n78A	30	90	649668	245@0	CP_256QAM	15.56	1.5	17.06	50.82	1000	PASS
DC_5A_n78A	30	90	649668	123@61	CP_256QAM	15.58	1.5	17.08	51.05	1000	PASS
DC_5A_n78A	30	90	649668	1@1	CP_256QAM	15.11	1.5	16.61	45.81	1000	PASS
DC_5A_n78A	30	90	649668	1@243	CP_256QAM	15.82	1.5	17.32	53.95	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_BPSK	21.84	1.5	23.34	215.77	1000	PASS
DC_5A_n78A	30	90	650000	120@60	DFT_BPSK	22.18	1.5	23.68	233.35	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_BPSK	21.64	1.5	23.14	206.06	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_BPSK	22.32	1.5	23.82	240.99	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_QPSK	21.12	1.5	22.62	182.81	1000	PASS

DC_5A_n78A	30	90	650000	120@60	DFT_QPSK	22.16	1.5	23.66	232.27	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_QPSK	21.75	1.5	23.25	211.35	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_QPSK	22.38	1.5	23.88	244.34	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_16QAM	20.13	1.5	21.63	145.55	1000	PASS
DC_5A_n78A	30	90	650000	120@60	DFT_16QAM	21.16	1.5	22.66	184.5	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_16QAM	20.56	1.5	22.06	160.69	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_16QAM	21.17	1.5	22.67	184.93	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_64QAM	19.64	1.5	21.14	130.02	1000	PASS
DC_5A_n78A	30	90	650000	120@60	DFT_64QAM	19.67	1.5	21.17	130.92	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_64QAM	19.11	1.5	20.61	115.08	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_64QAM	19.74	1.5	21.24	133.05	1000	PASS
DC_5A_n78A	30	90	650000	243@0	DFT_256QAM	17.12	1.5	18.62	72.78	1000	PASS
DC_5A_n78A	30	90	650000	120@60	DFT_256QAM	17.06	1.5	18.56	71.78	1000	PASS
DC_5A_n78A	30	90	650000	1@1	DFT_256QAM	17.22	1.5	18.72	74.47	1000	PASS
DC_5A_n78A	30	90	650000	1@243	DFT_256QAM	17.52	1.5	19.02	79.8	1000	PASS
DC_5A_n78A	30	90	650000	245@0	CP_QPSK	19.15	1.5	20.65	116.14	1000	PASS
DC_5A_n78A	30	90	650000	123@61	CP_QPSK	20.63	1.5	22.13	163.31	1000	PASS
DC_5A_n78A	30	90	650000	1@1	CP_QPSK	20.27	1.5	21.77	150.31	1000	PASS
DC_5A_n78A	30	90	650000	1@243	CP_QPSK	20.94	1.5	22.44	175.39	1000	PASS
DC_5A_n78A	30	90	650000	245@0	CP_16QAM	19.14	1.5	20.64	115.88	1000	PASS
DC_5A_n78A	30	90	650000	123@61	CP_16QAM	20.11	1.5	21.61	144.88	1000	PASS
DC_5A_n78A	30	90	650000	1@1	CP_16QAM	19.69	1.5	21.19	131.52	1000	PASS
DC_5A_n78A	30	90	650000	1@243	CP_16QAM	20.17	1.5	21.67	146.89	1000	PASS
DC_5A_n78A	30	90	650000	245@0	CP_64QAM	18.6	1.5	20.1	102.33	1000	PASS
DC_5A_n78A	30	90	650000	123@61	CP_64QAM	18.64	1.5	20.14	103.28	1000	PASS
DC_5A_n78A	30	90	650000	1@1	CP_64QAM	17.96	1.5	19.46	88.31	1000	PASS
DC_5A_n78A	30	90	650000	1@243	CP_64QAM	18.59	1.5	20.09	102.09	1000	PASS
DC_5A_n78A	30	90	650000	245@0	CP_256QAM	15.65	1.5	17.15	51.88	1000	PASS
DC_5A_n78A	30	90	650000	123@61	CP_256QAM	15.66	1.5	17.16	52	1000	PASS
DC_5A_n78A	30	90	650000	1@1	CP_256QAM	15.27	1.5	16.77	47.53	1000	PASS
DC_5A_n78A	30	90	650000	1@243	CP_256QAM	15.92	1.5	17.42	55.21	1000	PASS
DC_5A_n78A	30	90	650332	243@0	DFT_BPSK	21.62	1.5	23.12	205.12	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_BPSK	22.18	1.5	23.68	233.35	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_BPSK	21.63	1.5	23.13	205.59	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_BPSK	22.3	1.5	23.8	239.88	1000	PASS
DC_5A_n78A	30	90	650332	243@0	DFT_QPSK	21.12	1.5	22.62	182.81	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_QPSK	22.14	1.5	23.64	231.21	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_QPSK	21.7	1.5	23.2	208.93	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_QPSK	22.4	1.5	23.9	245.47	1000	PASS
DC_5A_n78A	30	90	650332	243@0	DFT_16QAM	20.12	1.5	21.62	145.21	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_16QAM	21.13	1.5	22.63	183.23	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_16QAM	20.51	1.5	22.01	158.85	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_16QAM	21.2	1.5	22.7	186.21	1000	PASS

DC_5A_n78A	30	90	650332	243@0	DFT_64QAM	19.65	1.5	21.15	130.32	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_64QAM	19.65	1.5	21.15	130.32	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_64QAM	19.07	1.5	20.57	114.02	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_64QAM	19.76	1.5	21.26	133.66	1000	PASS
DC_5A_n78A	30	90	650332	243@0	DFT_256QAM	17.12	1.5	18.62	72.78	1000	PASS
DC_5A_n78A	30	90	650332	120@60	DFT_256QAM	17.26	1.5	18.76	75.16	1000	PASS
DC_5A_n78A	30	90	650332	1@1	DFT_256QAM	17.14	1.5	18.64	73.11	1000	PASS
DC_5A_n78A	30	90	650332	1@243	DFT_256QAM	17.26	1.5	18.76	75.16	1000	PASS
DC_5A_n78A	30	90	650332	245@0	CP_QPSK	19.11	1.5	20.61	115.08	1000	PASS
DC_5A_n78A	30	90	650332	123@61	CP_QPSK	20.58	1.5	22.08	161.44	1000	PASS
DC_5A_n78A	30	90	650332	1@1	CP_QPSK	20.24	1.5	21.74	149.28	1000	PASS
DC_5A_n78A	30	90	650332	1@243	CP_QPSK	20.92	1.5	22.42	174.58	1000	PASS
DC_5A_n78A	30	90	650332	245@0	CP_16QAM	19.12	1.5	20.62	115.35	1000	PASS
DC_5A_n78A	30	90	650332	123@61	CP_16QAM	20.1	1.5	21.6	144.54	1000	PASS
DC_5A_n78A	30	90	650332	1@1	CP_16QAM	19.56	1.5	21.06	127.64	1000	PASS
DC_5A_n78A	30	90	650332	1@243	CP_16QAM	20.38	1.5	21.88	154.17	1000	PASS
DC_5A_n78A	30	90	650332	245@0	CP_64QAM	18.63	1.5	20.13	103.04	1000	PASS
DC_5A_n78A	30	90	650332	123@61	CP_64QAM	18.63	1.5	20.13	103.04	1000	PASS
DC_5A_n78A	30	90	650332	1@1	CP_64QAM	17.97	1.5	19.47	88.51	1000	PASS
DC_5A_n78A	30	90	650332	1@243	CP_64QAM	18.73	1.5	20.23	105.44	1000	PASS
DC_5A_n78A	30	90	650332	245@0	CP_256QAM	15.64	1.5	17.14	51.76	1000	PASS
DC_5A_n78A	30	90	650332	123@61	CP_256QAM	15.66	1.5	17.16	52	1000	PASS
DC_5A_n78A	30	90	650332	1@1	CP_256QAM	15.22	1.5	16.72	46.99	1000	PASS
DC_5A_n78A	30	90	650332	1@243	CP_256QAM	16.02	1.5	17.52	56.49	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_BPSK	21.64	1.5	23.14	206.06	1000	PASS
DC_5A_n78A	30	100	650000	135@67	DFT_BPSK	22.15	1.5	23.65	231.74	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_BPSK	21.64	1.5	23.14	206.06	1000	PASS
DC_5A_n78A	30	100	650000	1@271	DFT_BPSK	22.36	1.5	23.86	243.22	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_QPSK	21.16	1.5	22.66	184.5	1000	PASS
DC_5A_n78A	30	100	650000	135@67	DFT_QPSK	22.14	1.5	23.64	231.21	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_QPSK	21.7	1.5	23.2	208.93	1000	PASS
DC_5A_n78A	30	100	650000	1@271	DFT_QPSK	22.42	1.5	23.92	246.6	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_16QAM	20.17	1.5	21.67	146.89	1000	PASS
DC_5A_n78A	30	100	650000	135@67	DFT_16QAM	21.16	1.5	22.66	184.5	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_16QAM	20.49	1.5	21.99	158.12	1000	PASS
DC_5A_n78A	30	100	650000	1@271	DFT_16QAM	21.27	1.5	22.77	189.23	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_64QAM	19.68	1.5	21.18	131.22	1000	PASS
DC_5A_n78A	30	100	650000	135@67	DFT_64QAM	19.67	1.5	21.17	130.92	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_64QAM	19.12	1.5	20.62	115.35	1000	PASS
DC_5A_n78A	30	100	650000	1@271	DFT_64QAM	19.87	1.5	21.37	137.09	1000	PASS
DC_5A_n78A	30	100	650000	270@0	DFT_256QAM	17.12	1.5	18.62	72.78	1000	PASS
DC_5A_n78A	30	100	650000	135@67	DFT_256QAM	17.08	1.5	18.58	72.11	1000	PASS
DC_5A_n78A	30	100	650000	1@1	DFT_256QAM	17.36	1.5	18.86	76.91	1000	PASS

DC_5A_n78A	30	100	650000	1@271	DFT_256QAM	17.12	1.5	18.62	72.78	1000	PASS
DC_5A_n78A	30	100	650000	273@0	CP_QPSK	19.19	1.5	20.69	117.22	1000	PASS
DC_5A_n78A	30	100	650000	137@68	CP_QPSK	20.56	1.5	22.06	160.69	1000	PASS
DC_5A_n78A	30	100	650000	1@1	CP_QPSK	20.25	1.5	21.75	149.62	1000	PASS
DC_5A_n78A	30	100	650000	1@271	CP_QPSK	21.04	1.5	22.54	179.47	1000	PASS
DC_5A_n78A	30	100	650000	273@0	CP_16QAM	19.14	1.5	20.64	115.88	1000	PASS
DC_5A_n78A	30	100	650000	137@68	CP_16QAM	20.12	1.5	21.62	145.21	1000	PASS
DC_5A_n78A	30	100	650000	1@1	CP_16QAM	19.57	1.5	21.07	127.94	1000	PASS
DC_5A_n78A	30	100	650000	1@271	CP_16QAM	20.24	1.5	21.74	149.28	1000	PASS
DC_5A_n78A	30	100	650000	273@0	CP_64QAM	18.63	1.5	20.13	103.04	1000	PASS
DC_5A_n78A	30	100	650000	137@68	CP_64QAM	18.59	1.5	20.09	102.09	1000	PASS
DC_5A_n78A	30	100	650000	1@1	CP_64QAM	17.93	1.5	19.43	87.7	1000	PASS
DC_5A_n78A	30	100	650000	1@271	CP_64QAM	18.69	1.5	20.19	104.47	1000	PASS
DC_5A_n78A	30	100	650000	273@0	CP_256QAM	15.72	1.5	17.22	52.72	1000	PASS
DC_5A_n78A	30	100	650000	137@68	CP_256QAM	15.71	1.5	17.21	52.6	1000	PASS
DC_5A_n78A	30	100	650000	1@1	CP_256QAM	15.21	1.5	16.71	46.88	1000	PASS
DC_5A_n78A	30	100	650000	1@271	CP_256QAM	15.96	1.5	17.46	55.72	1000	PASS

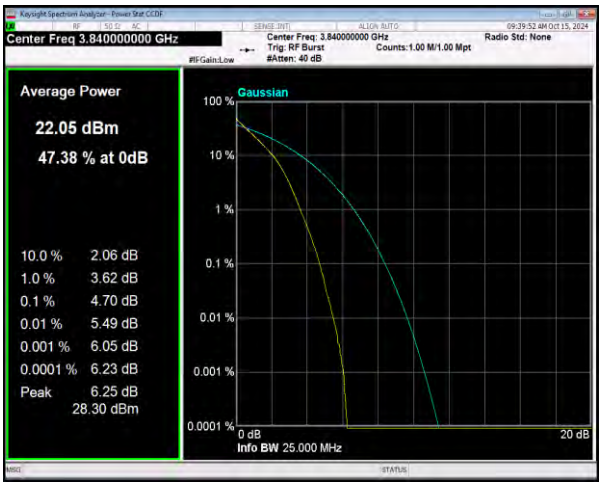
2. Frequency Stability

Temperature (℃)	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	-10.1	-0.00263	PASS
20	6	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-1.9	-0.00049	PASS
20	8.9	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-10	-0.0026	PASS
-30	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	10.3	0.00268	PASS
-20	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	1	0.00026	PASS
-10	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-0.9	-0.00023	PASS
0	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-2.6	-0.00068	PASS
10	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	-2.9	-0.00076	PASS
30	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	6.2	0.00161	PASS
40	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	5.7	0.00148	PASS
50	7.74	n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	9.2	0.0024	PASS

Note: The frequency fundamental emissions stay within the authorized frequency block.

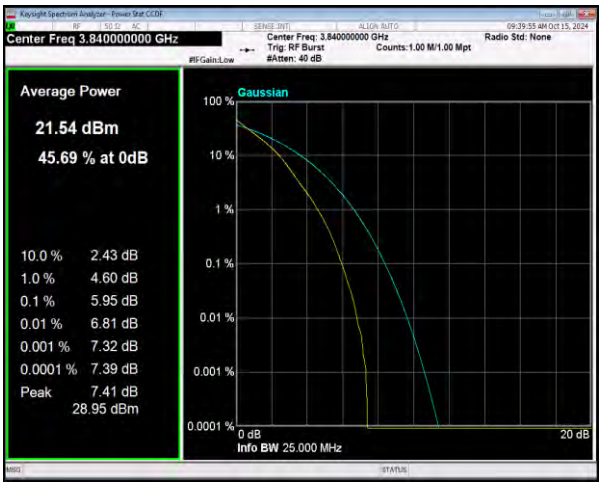
3. Peak-to-average Ratio

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	4.70	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	5.95	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	6.74	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	6.76	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	6.72	13	PASS



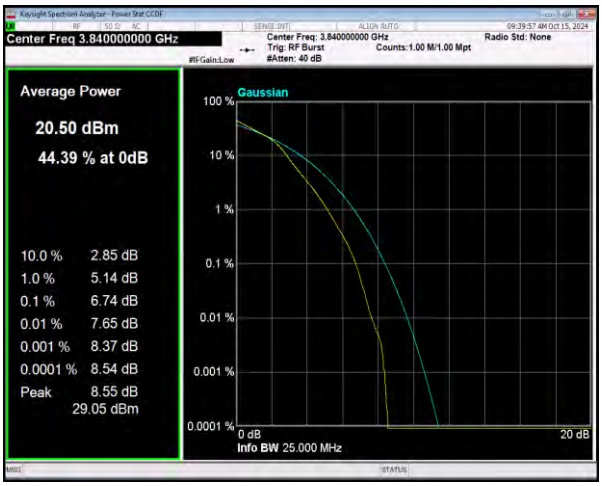
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz

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

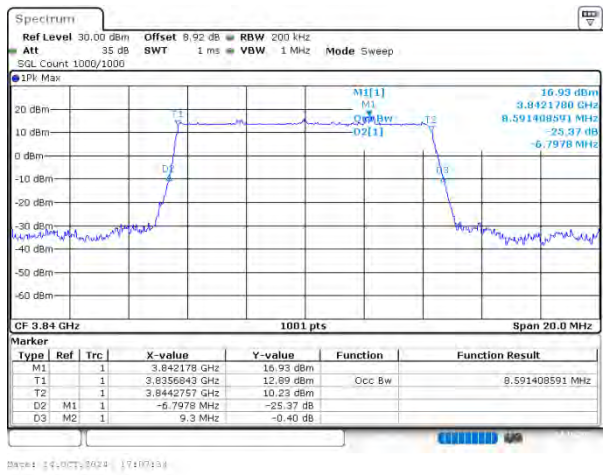
n77(3700-3980) SCS=30kHz DFT_256QAM BW=20MHz

Channel=656000 RB=50@0

4. Occupied Bandwidth

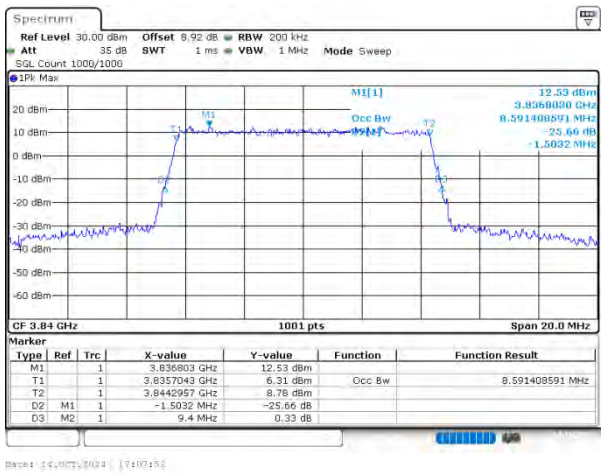
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3700-3980)	30	10	656000	3840	24@0	DFT_BPSK	8.591	9.300	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_QPSK	8.591	9.400	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_16QAM	8.611	9.320	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_64QAM	8.591	9.440	PASS
n77(3700-3980)	30	10	656000	3840	24@0	CP_256QAM	8.631	9.400	PASS
n77(3700-3980)	30	15	656000	3840	36@0	DFT_BPSK	12.947	13.860	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_QPSK	13.606	14.670	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_16QAM	13.606	14.580	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_64QAM	13.696	14.670	PASS
n77(3700-3980)	30	15	656000	3840	38@0	CP_256QAM	13.636	14.640	PASS
n77(3700-3980)	30	20	656000	3840	50@0	DFT_BPSK	18.062	19.200	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_QPSK	18.262	19.640	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_16QAM	18.302	19.640	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_64QAM	18.342	19.520	PASS
n77(3700-3980)	30	20	656000	3840	51@0	CP_256QAM	18.262	19.600	PASS
n77(3700-3980)	30	40	656000	3840	100@0	DFT_BPSK	36.044	38.320	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_QPSK	37.962	40.400	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_16QAM	37.962	40.400	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_64QAM	38.042	40.400	PASS
n77(3700-3980)	30	40	656000	3840	106@0	CP_256QAM	37.962	40.480	PASS
n77(3700-3980)	30	50	656000	3840	128@0	DFT_BPSK	45.754	48.300	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_QPSK	47.552	50.100	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_16QAM	47.552	50.100	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_64QAM	47.752	50.200	PASS
n77(3700-3980)	30	50	656000	3840	133@0	CP_256QAM	47.552	50.100	PASS
n77(3700-3980)	30	60	656000	3840	162@0	DFT_BPSK	58.501	62.640	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_QPSK	58.262	62.640	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_16QAM	58.262	62.520	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_64QAM	58.501	62.880	PASS
n77(3700-3980)	30	60	656000	3840	162@0	CP_256QAM	58.382	62.760	PASS
n77(3700-3980)	30	70	656000	3840	180@0	DFT_BPSK	64.895	69.160	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_QPSK	68.112	72.380	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_16QAM	68.112	72.380	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_64QAM	67.972	72.380	PASS
n77(3700-3980)	30	70	656000	3840	189@0	CP_256QAM	67.972	72.380	PASS
n77(3700-3980)	30	80	656000	3840	216@0	DFT_BPSK	77.363	81.920	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_QPSK	77.842	82.400	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_16QAM	77.842	82.560	PASS

n77(3700-3980)	30	80	656000	3840	217@0	CP_64QAM	77.842	82.560	PASS
n77(3700-3980)	30	80	656000	3840	217@0	CP_256QAM	78.002	82.400	PASS
n77(3700-3980)	30	90	656000	3840	243@0	DFT_BPSK	87.213	91.800	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_QPSK	87.932	92.520	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_16QAM	87.932	92.700	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_64QAM	87.752	92.520	PASS
n77(3700-3980)	30	90	656000	3840	245@0	CP_256QAM	87.752	92.700	PASS
n77(3700-3980)	30	100	656000	3840	270@0	DFT_BPSK	96.903	101.800	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_QPSK	97.702	102.800	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_16QAM	97.502	102.600	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_64QAM	97.702	102.800	PASS
n77(3700-3980)	30	100	656000	3840	273@0	CP_256QAM	97.502	103.000	PASS



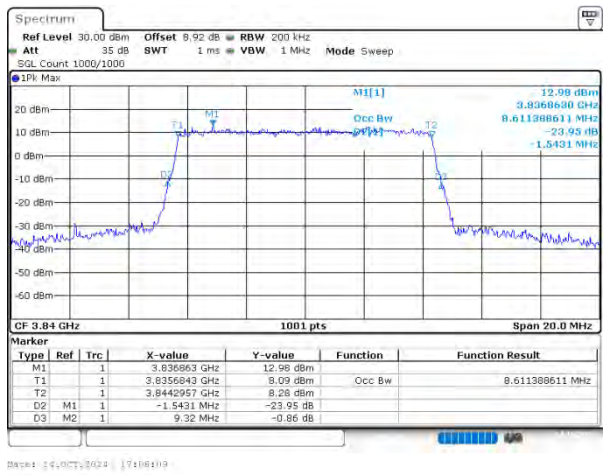
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz

Channel=656000 RB=24@0



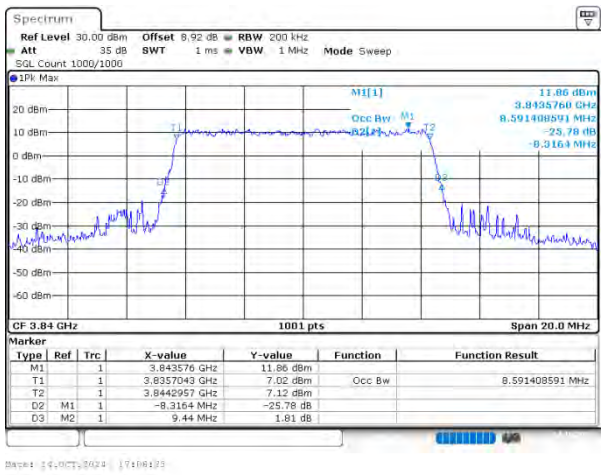
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz

Channel=656000 RB=24@0



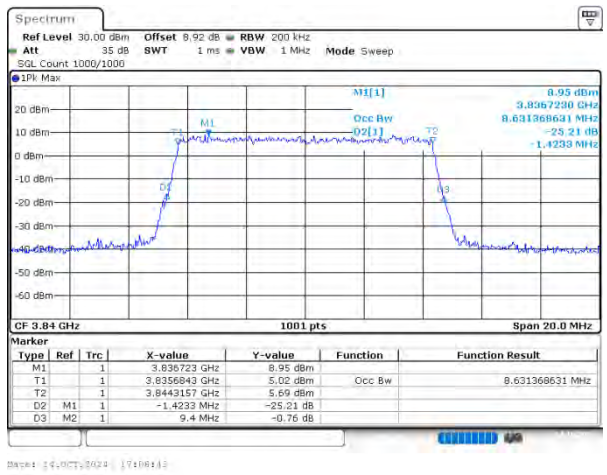
n77(3700-3980) SCS=30kHz CP_16QAM BW=10MHz

Channel=656000 RB=24@0



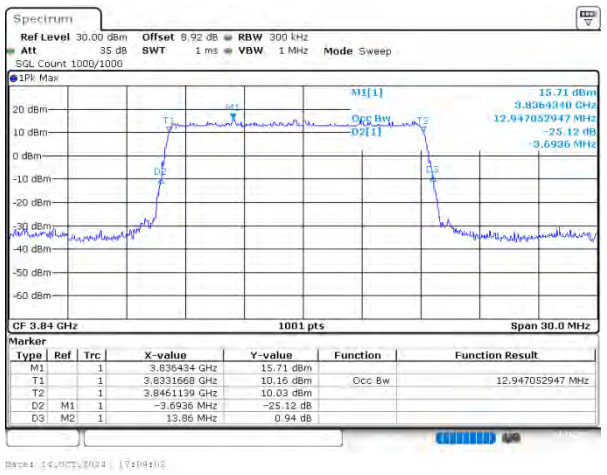
n77(3700-3980) SCS=30kHz CP_64QAM BW=10MHz

Channel=656000 RB=24@0



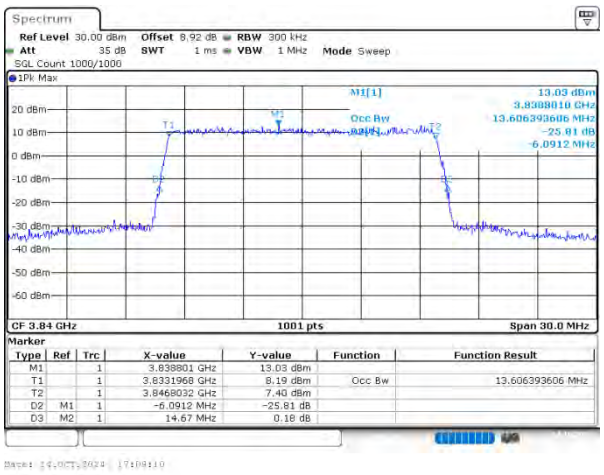
n77(3700-3980) SCS=30kHz CP_256QAM BW=10MHz

Channel=656000 RB=24@0



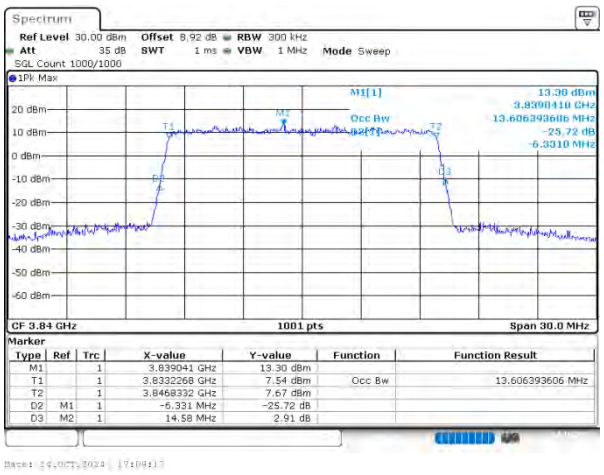
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz

Channel=656000 RB=36@0



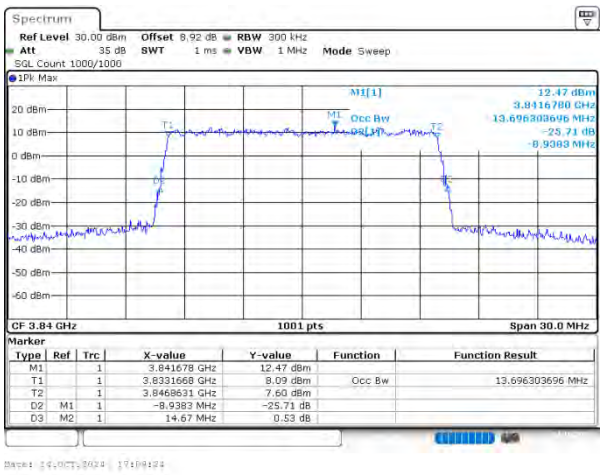
n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz

Channel=656000 RB=38@0



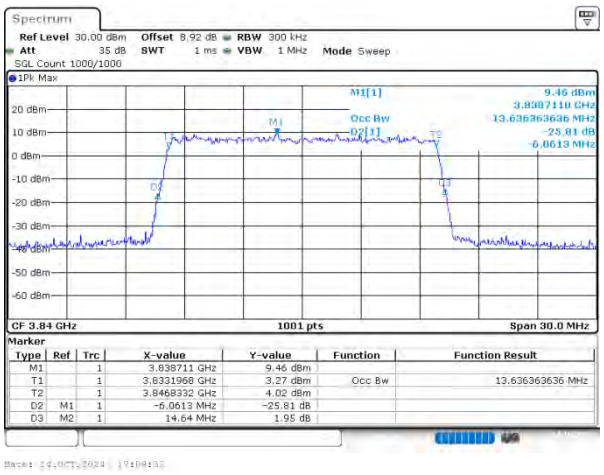
n77(3700-3980) SCS=30kHz CP_16QAM BW=15MHz

Channel=656000 RB=38@0



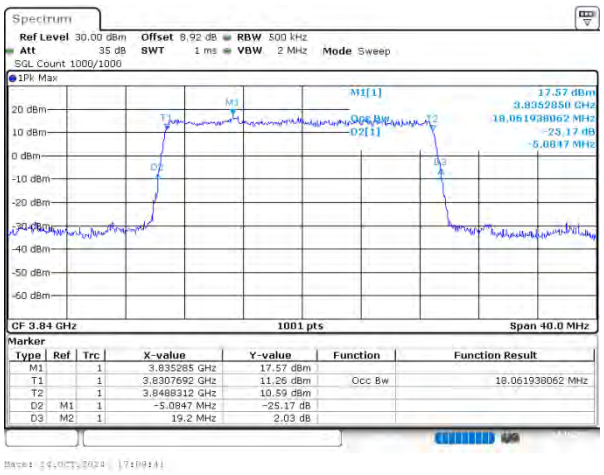
n77(3700-3980) SCS=30kHz CP_64QAM BW=15MHz

Channel=656000 RB=38@0



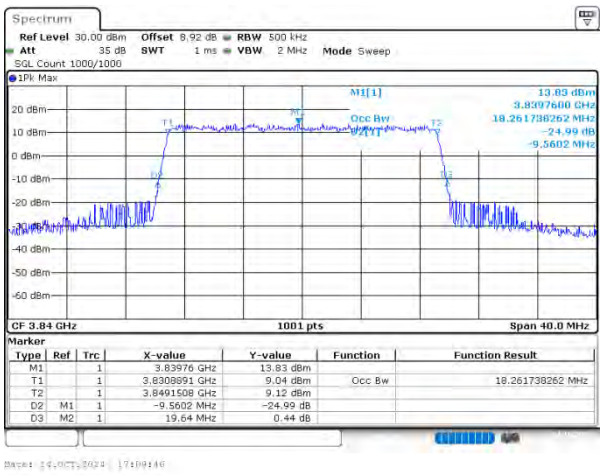
n77(3700-3980) SCS=30kHz CP_256QAM BW=15MHz

Channel=656000 RB=38@0



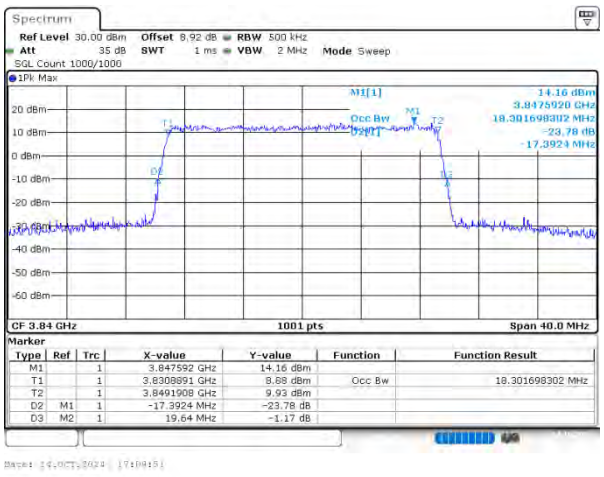
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz

Channel=656000 RB=50@0



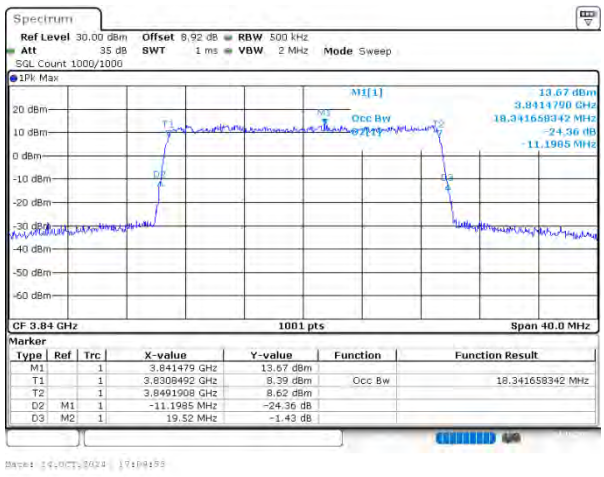
n77(3700-3980) SCS=30kHz CP_QPSK BW=20MHz

Channel=656000 RB=51@0



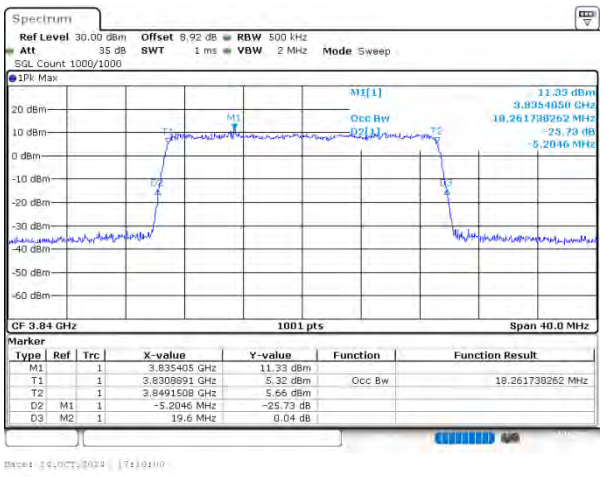
n77(3700-3980) SCS=30kHz CP_16QAM BW=20MHz

Channel=656000 RB=51@0



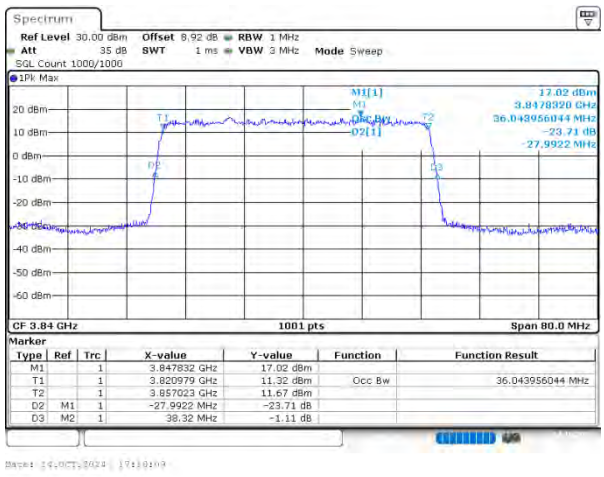
n77(3700-3980) SCS=30kHz CP_64QAM BW=20MHz

Channel=656000 RB=51@0



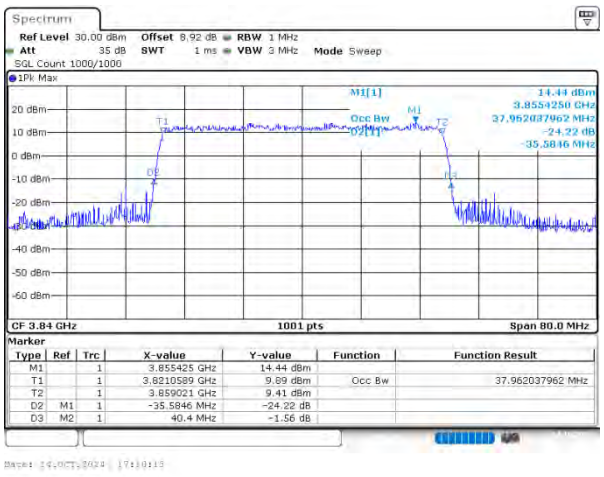
n77(3700-3980) SCS=30kHz CP_256QAM BW=20MHz

Channel=656000 RB=51@0



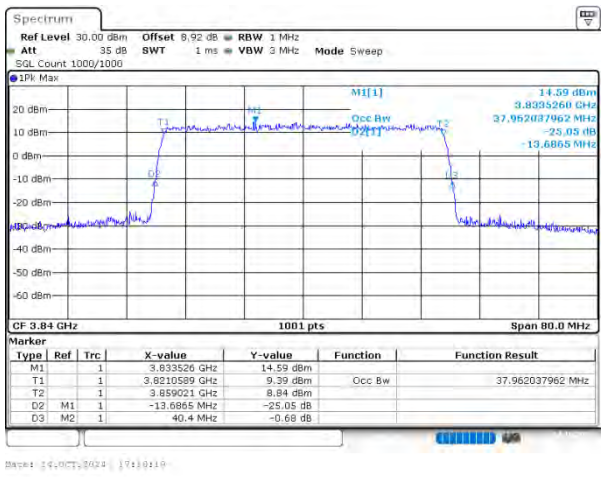
n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz

Channel=656000 RB=100@0



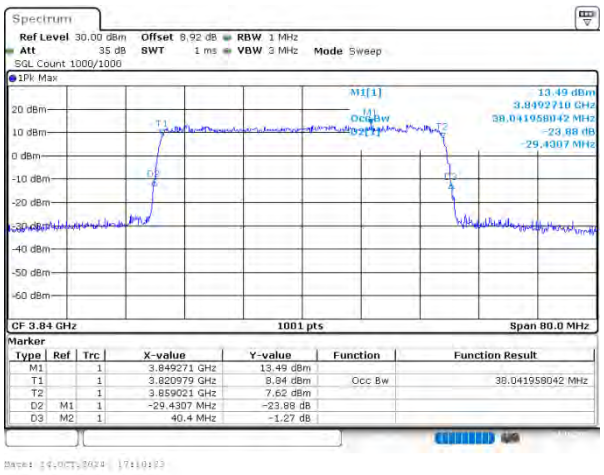
n77(3700-3980) SCS=30kHz CP_QPSK BW=40MHz

Channel=656000 RB=106@0



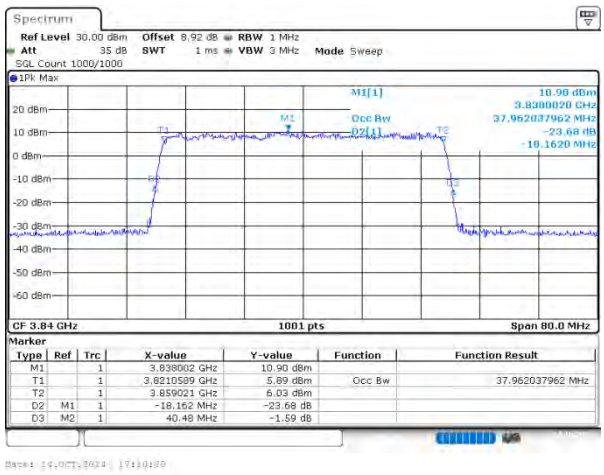
n77(3700-3980) SCS=30kHz CP_16QAM BW=40MHz

Channel=656000 RB=106@0



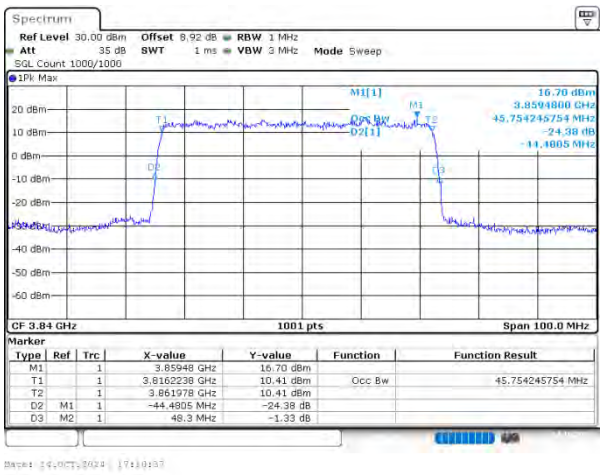
n77(3700-3980) SCS=30kHz CP_64QAM BW=40MHz

Channel=656000 RB=106@0



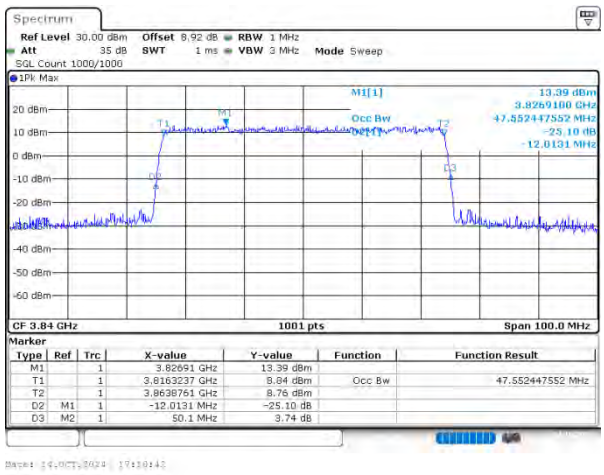
n77(3700-3980) SCS=30kHz CP_256QAM BW=40MHz

Channel=656000 RB=106@0



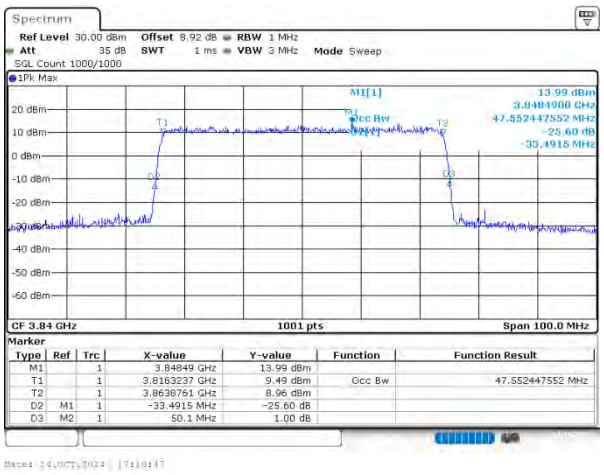
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz

Channel=656000 RB=128@0



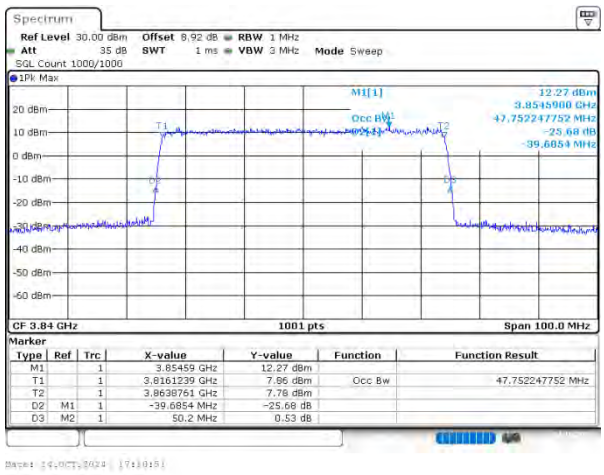
n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz

Channel=656000 RB=133@0



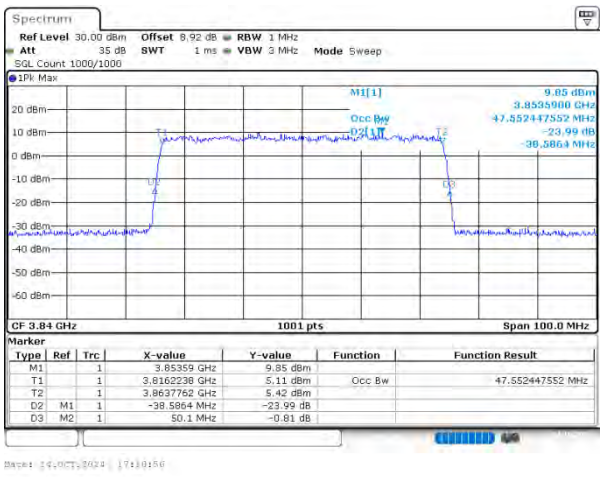
n77(3700-3980) SCS=30kHz CP_16QAM BW=50MHz

Channel=656000 RB=133@0



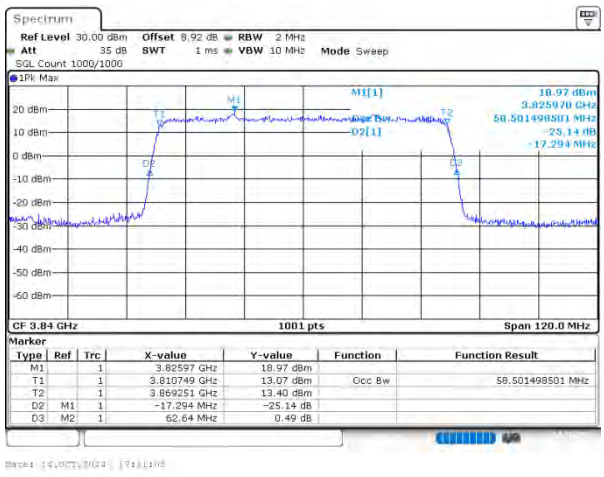
n77(3700-3980) SCS=30kHz CP_64QAM BW=50MHz

Channel=656000 RB=133@0



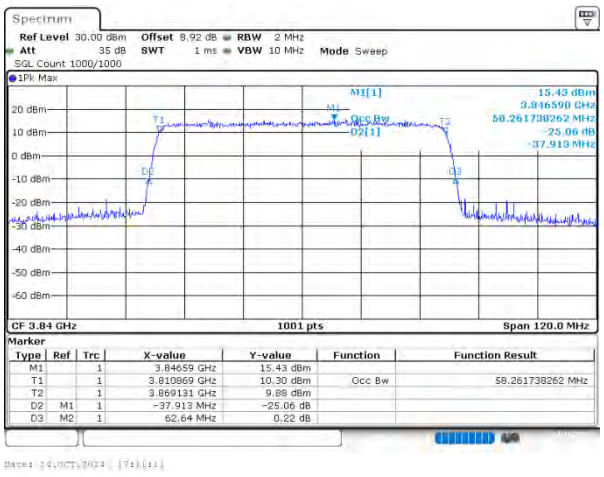
n77(3700-3980) SCS=30kHz CP_256QAM BW=50MHz

Channel=656000 RB=133@0



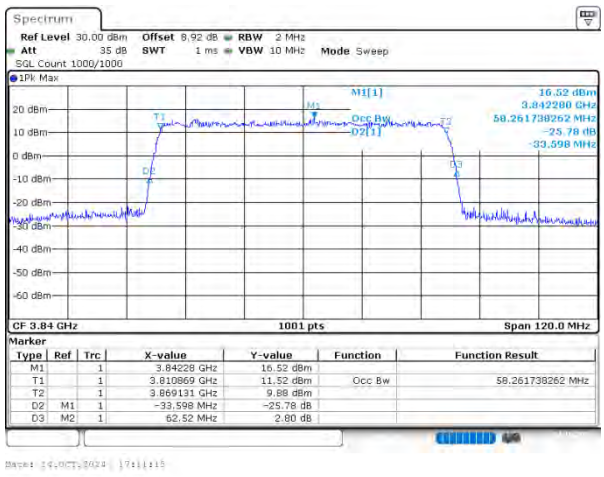
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz

Channel=656000 RB=162@0



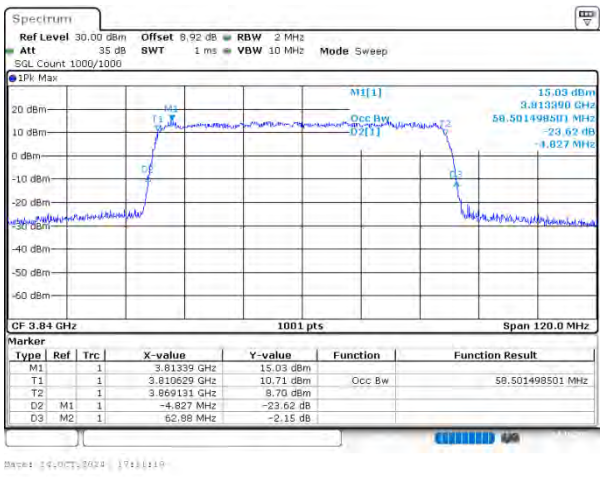
n77(3700-3980) SCS=30kHz CP_QPSK BW=60MHz

Channel=656000 RB=162@0



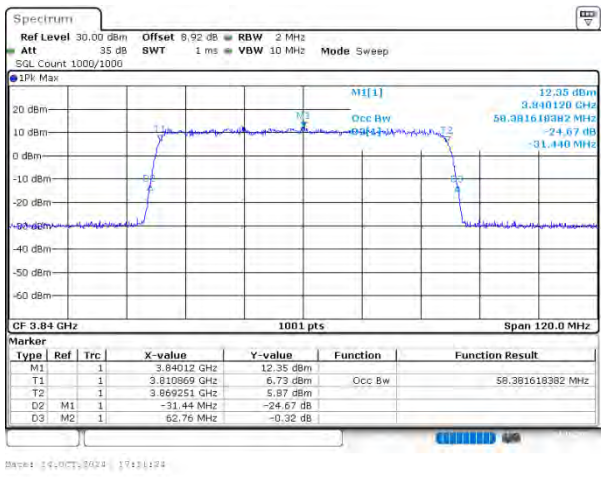
n77(3700-3980) SCS=30kHz CP_16QAM BW=60MHz

Channel=656000 RB=162@0



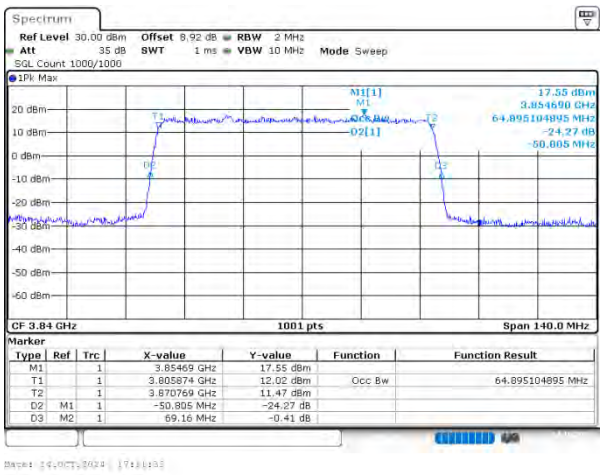
n77(3700-3980) SCS=30kHz CP_64QAM BW=60MHz

Channel=656000 RB=162@0



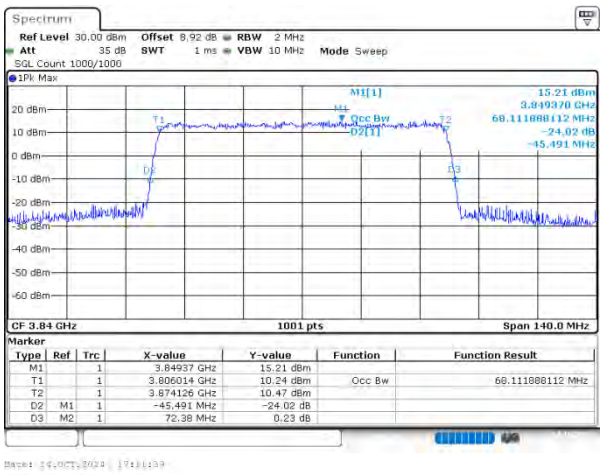
n77(3700-3980) SCS=30kHz CP_256QAM BW=60MHz

Channel=656000 RB=162@0



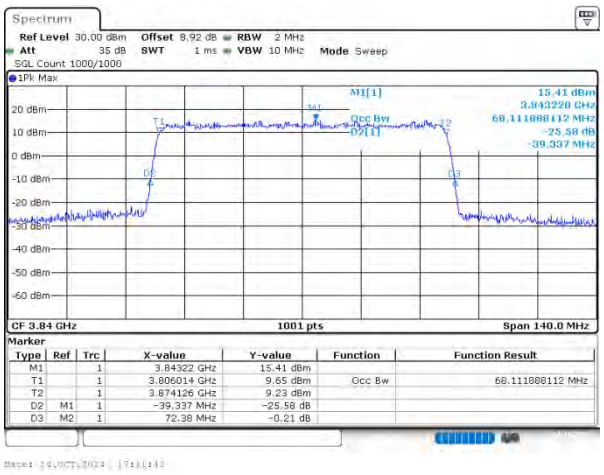
n77(3700-3980) SCS=30kHz DFT_BPSK BW=70MHz

Channel=656000 RB=180@0



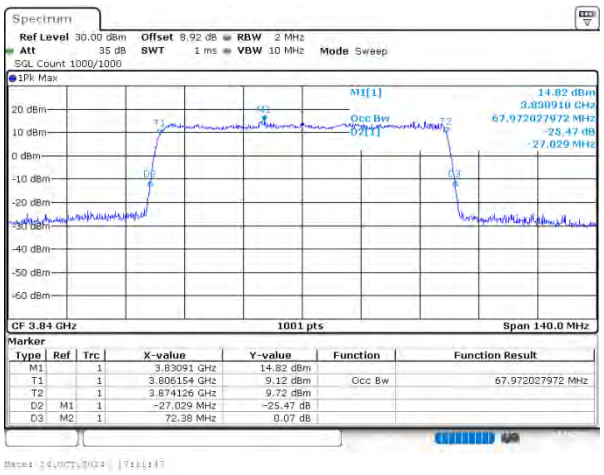
n77(3700-3980) SCS=30kHz CP_QPSK BW=70MHz

Channel=656000 RB=189@0



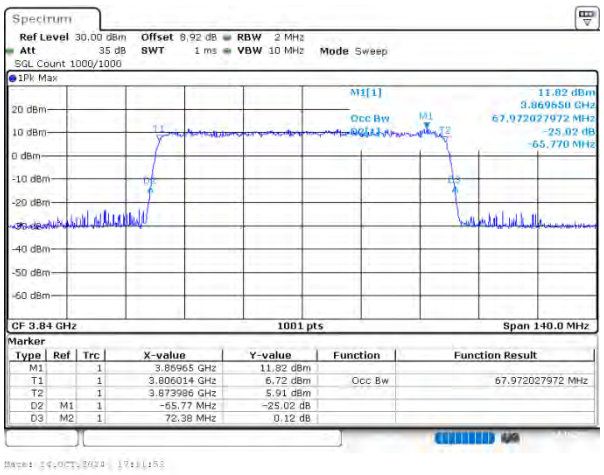
n77(3700-3980) SCS=30kHz CP_16QAM BW=70MHz

Channel=656000 RB=189@0



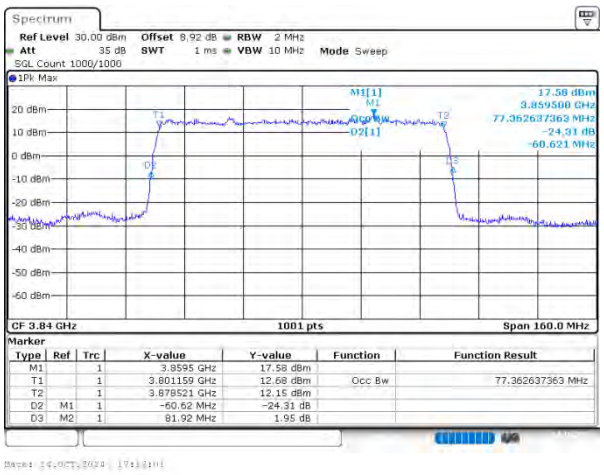
n77(3700-3980) SCS=30kHz CP_64QAM BW=70MHz

Channel=656000 RB=189@0



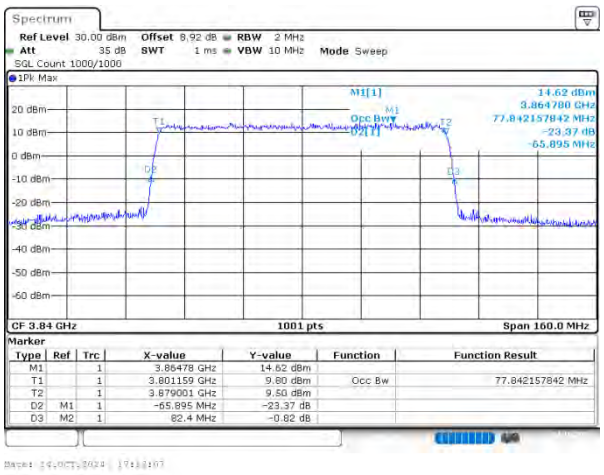
n77(3700-3980) SCS=30kHz CP_256QAM BW=70MHz

Channel=656000 RB=189@0



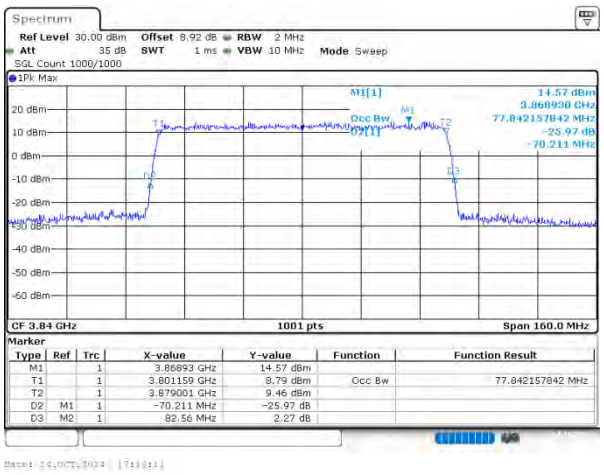
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz

Channel=656000 RB=216@0



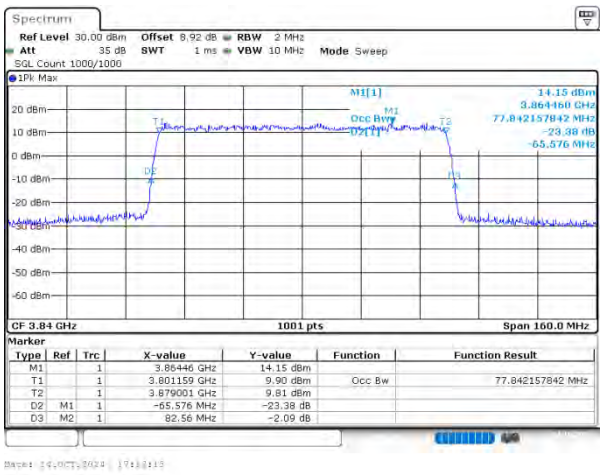
n77(3700-3980) SCS=30kHz CP_QPSK BW=80MHz

Channel=656000 RB=217@0



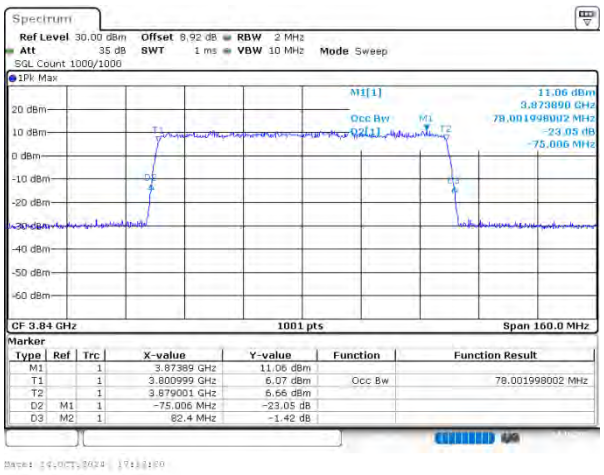
n77(3700-3980) SCS=30kHz CP_16QAM BW=80MHz

Channel=656000 RB=217@0



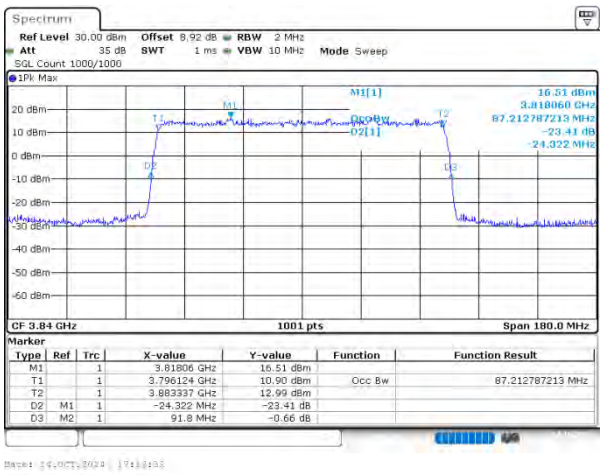
n77(3700-3980) SCS=30kHz CP_64QAM BW=80MHz

Channel=656000 RB=217@0



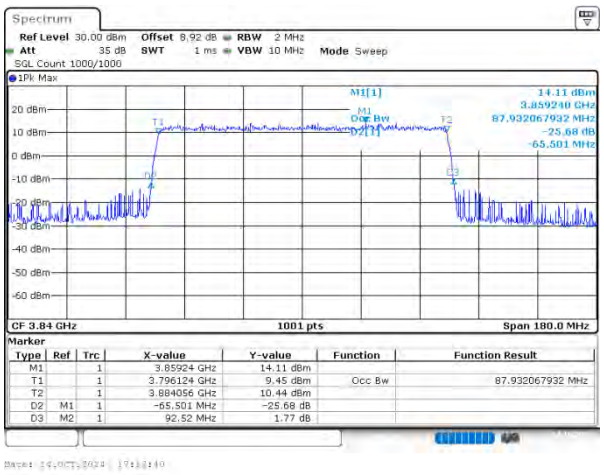
n77(3700-3980) SCS=30kHz CP_256QAM BW=80MHz

Channel=656000 RB=217@0



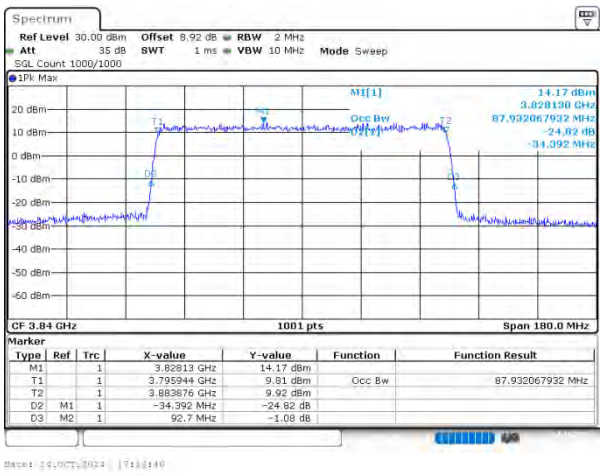
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz

Channel=656000 RB=243@0



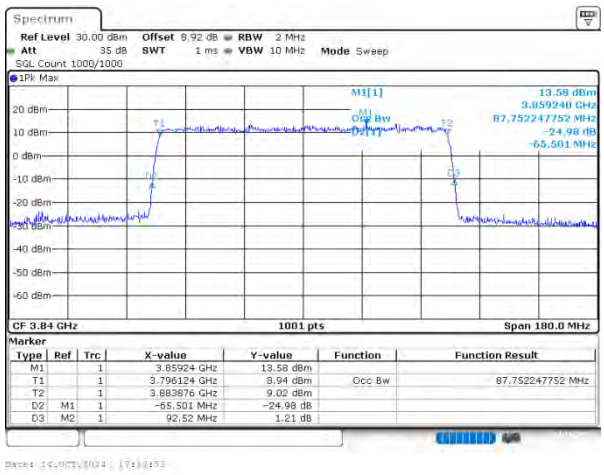
n77(3700-3980) SCS=30kHz CP_QPSK BW=90MHz

Channel=656000 RB=245@0



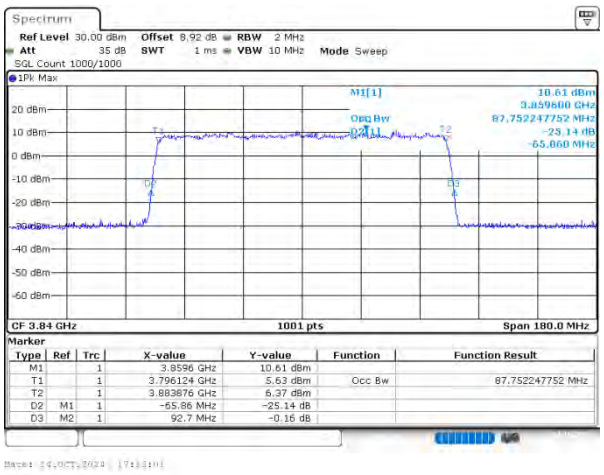
n77(3700-3980) SCS=30kHz CP_16QAM BW=90MHz

Channel=656000 RB=245@0



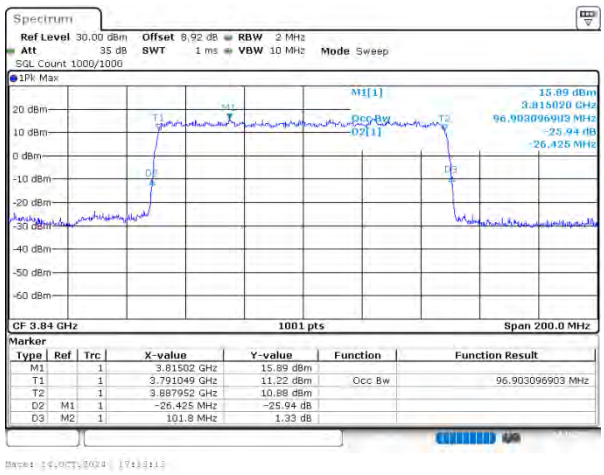
n77(3700-3980) SCS=30kHz CP_64QAM BW=90MHz

Channel=656000 RB=245@0



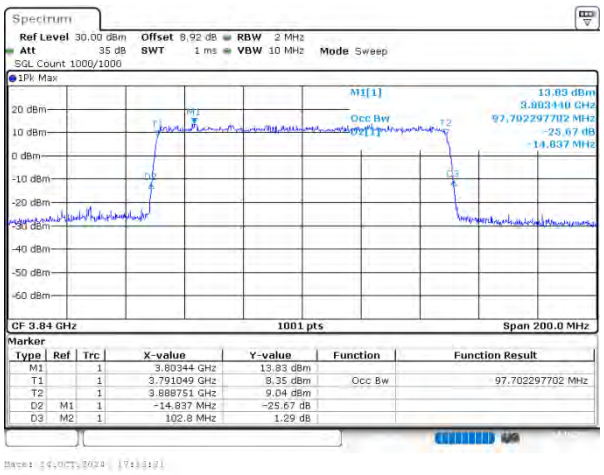
n77(3700-3980) SCS=30kHz CP_256QAM BW=90MHz

Channel=656000 RB=245@0



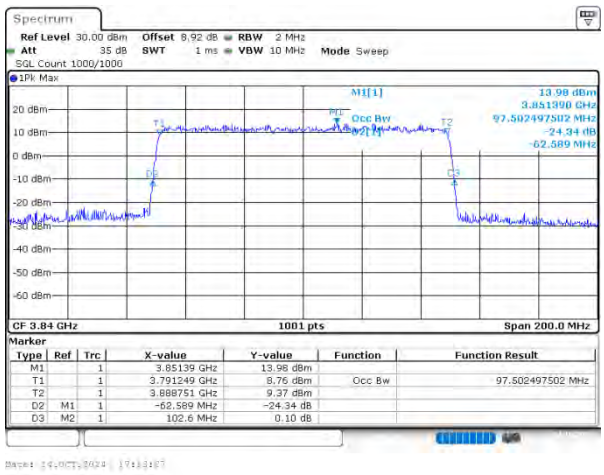
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

Channel=656000 RB=270@0



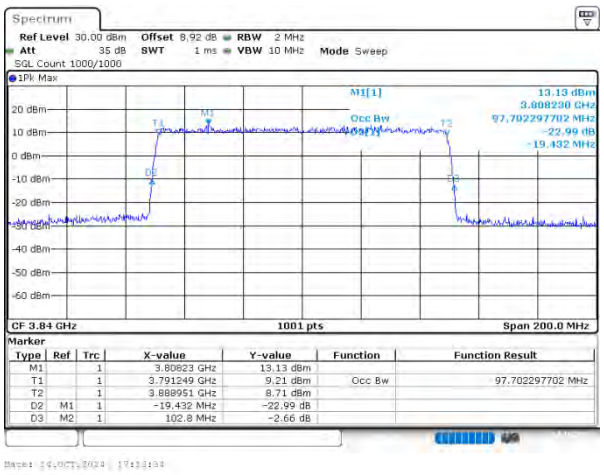
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz

Channel=656000 RB=273@0



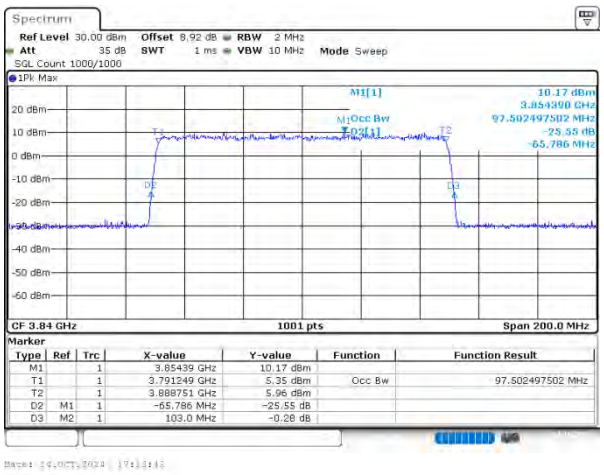
n77(3700-3980) SCS=30kHz CP_16QAM BW=100MHz

Channel=656000 RB=273@0



n77(3700-3980) SCS=30kHz CP_64QAM BW=100MHz

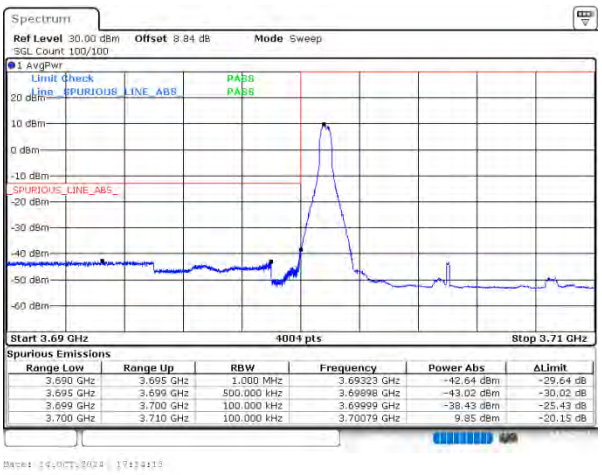
Channel=656000 RB=273@0



n77(3700-3980) SCS=30kHz CP_256QAM BW=100MHz

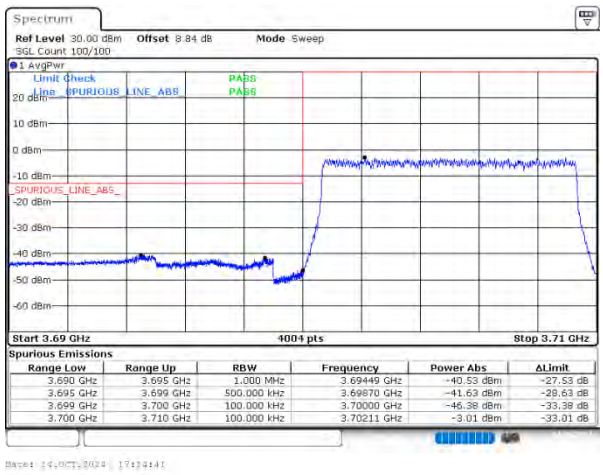
Channel=656000 RB=273@0

5. Conducted Band Edge



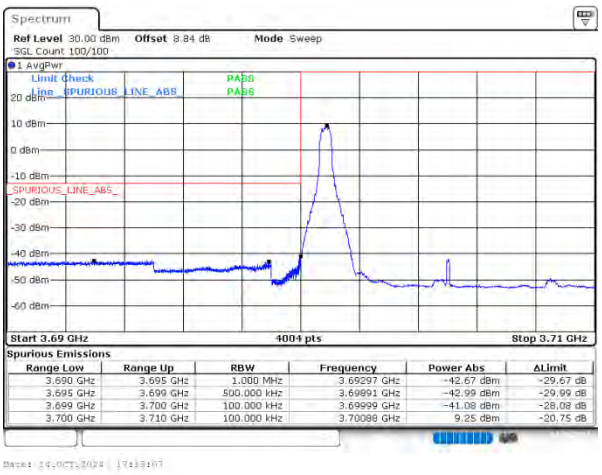
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz

LowChannel=647000 RB=1@0



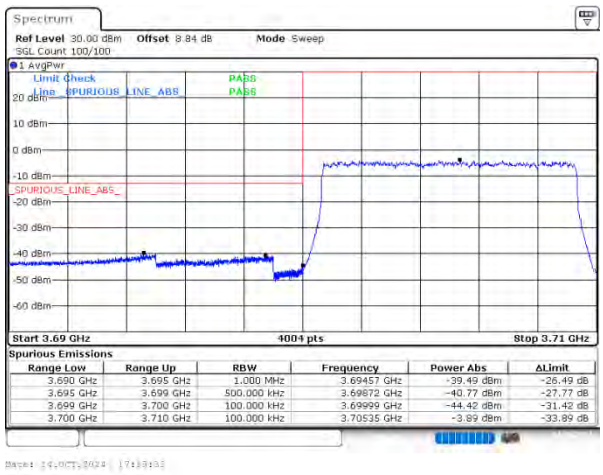
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz

LowChannel=647000 RB=24@0



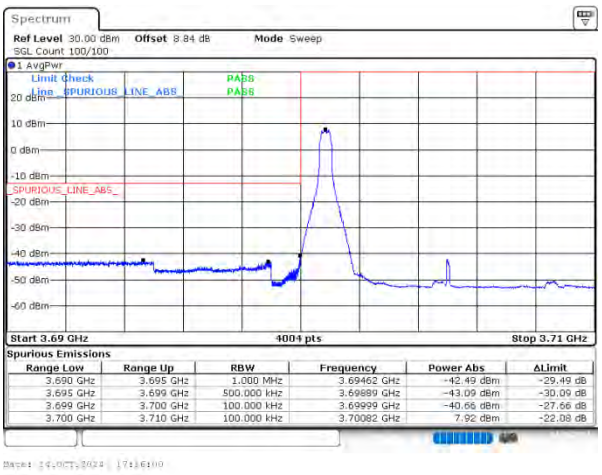
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz

LowChannel=647000 RB=1@0



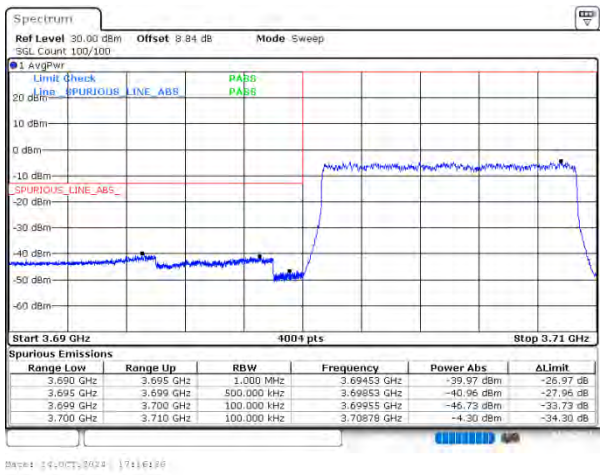
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz

LowChannel=647000 RB=24@0



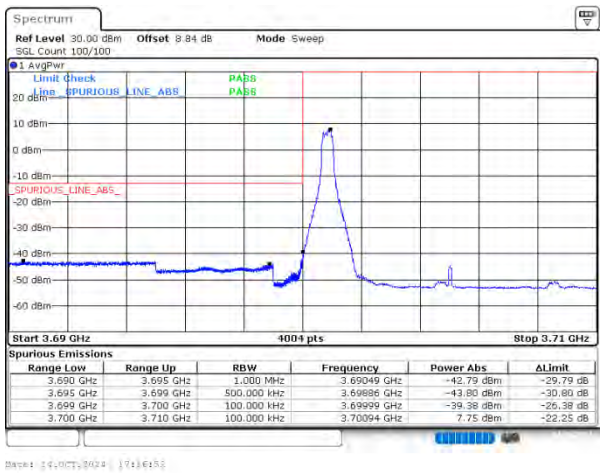
n77(3700-3980) SCS=30kHz DFT_16QAM BW=10MHz

LowChannel=647000 RB=1@0



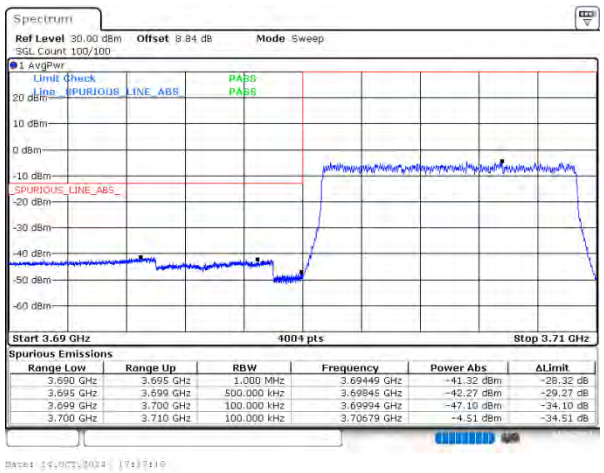
n77(3700-3980) SCS=30kHz DFT_16QAM BW=10MHz

LowChannel=647000 RB=24@0



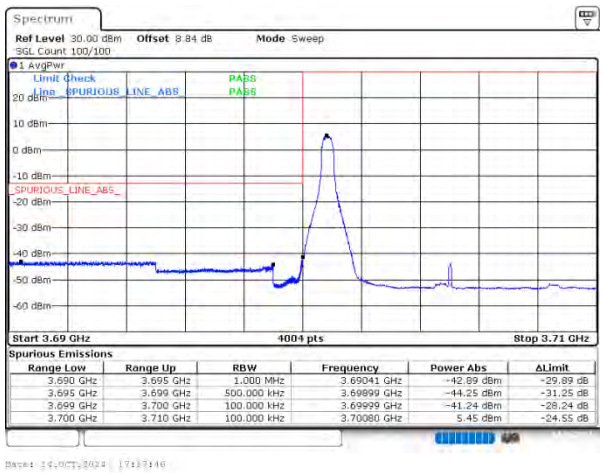
n77(3700-3980) SCS=30kHz DFT_64QAM BW=10MHz

LowChannel=647000 RB=1@0



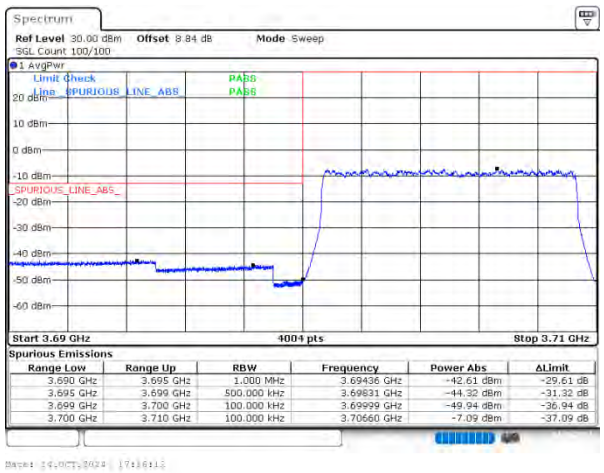
n77(3700-3980) SCS=30kHz DFT_64QAM BW=10MHz

LowChannel=647000 RB=24@0



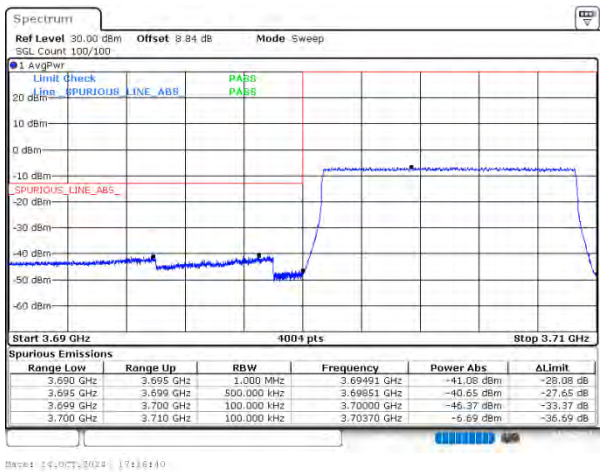
n77(3700-3980) SCS=30kHz DFT_256QAM BW=10MHz

LowChannel=647000 RB=1@0



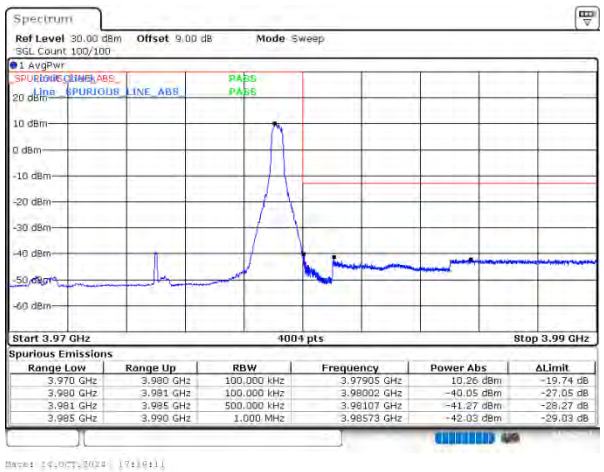
n77(3700-3980) SCS=30kHz DFT_256QAM BW=10MHz

LowChannel=647000 RB=24@0



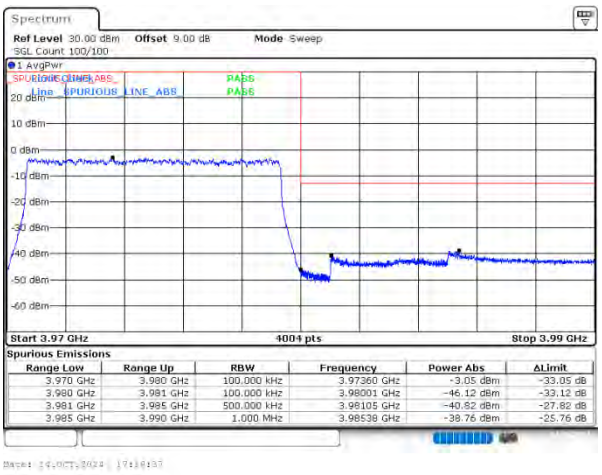
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz

LowChannel=647000 RB=24@0



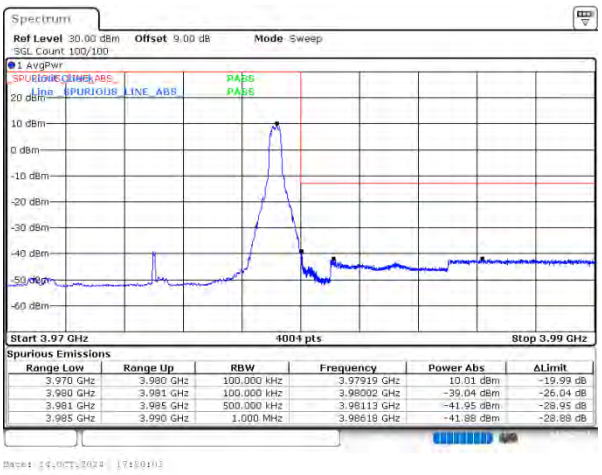
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz

HighChannel=665000 RB=1@23



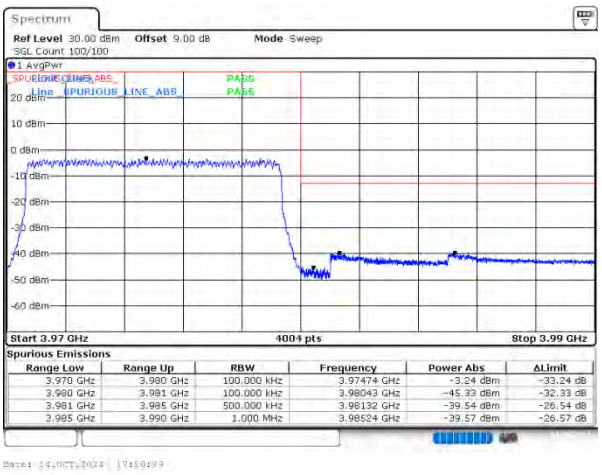
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz

HighChannel=665000 RB=24@0



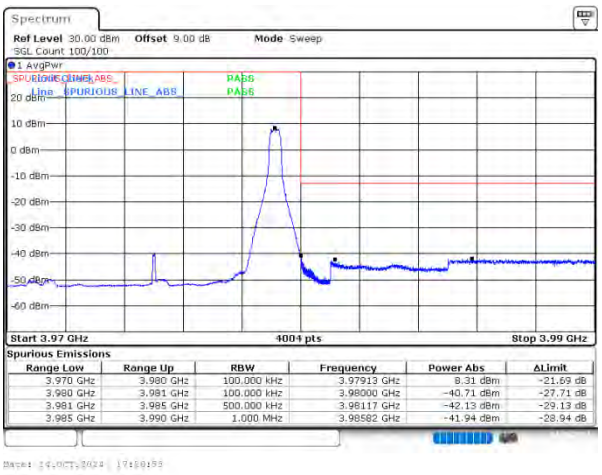
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz

HighChannel=665000 RB=1@23



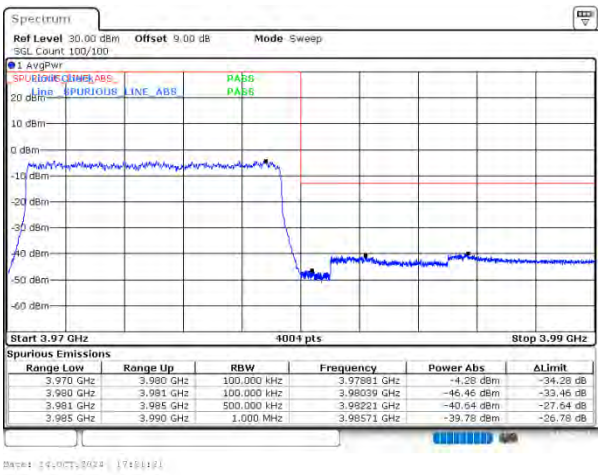
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz

HighChannel=665000 RB=24@0



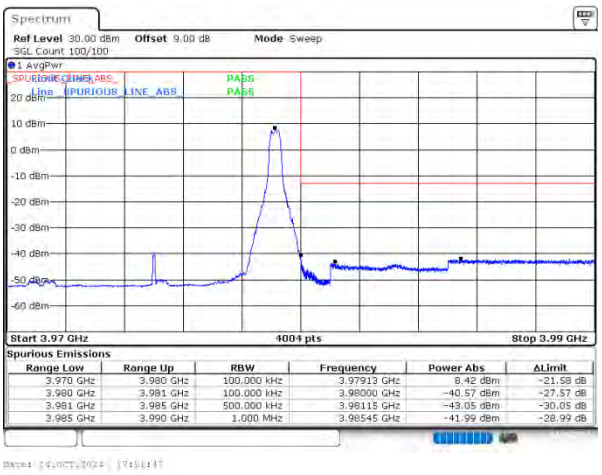
n77(3700-3980) SCS=30kHz DFT_16QAM BW=10MHz

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