

**Appendix
for
DC_41A_n77A
(3700-3980)**

Catalogue

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant4 (Antenna Gain=-1.89dBi)

SCS	Bandwidth	Channel	Modulation	Conducted Result (dBm)			Max EIRP (dBm)	Limit (dBm)	Verdict
				Inner_1RB_Left	Inner_1RB_Right	Inner_Full			
15KHz	10MHz	LCH	DFT-Pi2BPSK	23.49	23.56	23.22	21.67	30.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	23.16	23.23	23.27	21.38	30.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	22.51	22.60	22.35	20.71	30.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	20.62	20.71	20.86	18.97	30.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	18.96	18.99	18.84	17.10	30.00	Pass
15KHz	10MHz	LCH	CP-QPSK	21.64	21.78	21.80	19.91	30.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	23.33	23.22	23.05	21.44	30.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	23.41	23.38	23.04	21.52	30.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	22.44	22.40	22.03	20.55	30.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	20.86	20.82	20.55	18.97	30.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	18.85	18.82	18.63	16.96	30.00	Pass
15KHz	10MHz	MCH	CP-QPSK	21.96	22.04	21.52	20.15	30.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	22.72	22.81	22.80	20.92	30.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	22.86	22.96	22.87	21.07	30.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	21.85	21.91	21.85	20.02	30.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	20.64	20.70	20.40	18.81	30.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	18.39	18.44	18.62	16.73	30.00	Pass
15KHz	10MHz	HCH	CP-QPSK	21.31	21.23	21.42	19.53	30.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	23.34	23.43	23.19	21.54	30.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	23.43	23.40	23.27	21.54	30.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	22.17	22.27	22.19	20.38	30.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	20.51	20.60	20.67	18.78	30.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	18.57	18.60	18.75	16.86	30.00	Pass
15KHz	15MHz	LCH	CP-QPSK	21.91	21.66	21.86	20.02	30.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	23.22	23.23	22.95	21.34	30.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	23.09	23.07	22.94	21.20	30.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	22.21	22.20	21.94	20.32	30.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	20.78	20.86	20.35	18.97	30.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	18.62	18.66	18.39	16.77	30.00	Pass
15KHz	15MHz	MCH	CP-QPSK	21.58	21.30	21.70	19.81	30.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	22.51	22.67	22.65	20.78	30.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	22.88	22.83	22.75	20.99	30.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	21.57	21.65	21.94	20.05	30.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	20.62	20.72	20.48	18.83	30.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	18.16	18.30	18.42	16.53	30.00	Pass
15KHz	15MHz	HCH	CP-QPSK	21.24	21.24	21.43	19.54	30.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	23.76	23.46	23.36	21.87	30.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	23.34	23.40	23.26	21.51	30.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	22.29	22.39	22.27	20.50	30.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	20.64	20.68	20.71	18.82	30.00	Pass
15KHz	20MHz	LCH	DFT-256QAM	18.72	18.77	18.79	16.90	30.00	Pass
15KHz	20MHz	LCH	CP-QPSK	21.51	21.71	21.86	19.97	30.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.16	23.21	23.01	21.32	30.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	23.22	23.21	23.09	21.33	30.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	22.33	22.35	21.96	20.46	30.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	20.71	20.75	20.51	18.86	30.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	18.99	19.03	18.52	17.14	30.00	Pass
15KHz	20MHz	MCH	CP-QPSK	21.44	21.68	21.56	19.79	30.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	22.73	22.96	22.83	21.07	30.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	22.92	23.06	22.81	21.17	30.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	22.13	22.31	21.79	20.42	30.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	20.58	20.73	20.39	18.84	30.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	18.47	18.62	18.58	16.73	30.00	Pass
15KHz	20MHz	HCH	CP-QPSK	21.60	21.66	21.41	19.77	30.00	Pass
15KHz	25MHz	LCH	DFT-Pi2BPSK	23.27	23.42	23.33	21.53	30.00	Pass
15KHz	25MHz	LCH	DFT-QPSK	23.52	23.67	23.29	21.78	30.00	Pass
15KHz	25MHz	LCH	DFT-16QAM	22.39	22.40	22.23	20.51	30.00	Pass
15KHz	25MHz	LCH	DFT-64QAM	20.96	21.09	20.74	19.20	30.00	Pass

15KHz	25MHz	LCH	DFT-256QAM	18.39	18.48	18.87	16.98	30.00	Pass
15KHz	25MHz	LCH	CP-QPSK	21.54	21.63	21.82	19.93	30.00	Pass
15KHz	25MHz	MCH	DFT-Pi2BPSK	23.13	23.13	23.11	21.24	30.00	Pass
15KHz	25MHz	MCH	DFT-QPSK	23.42	23.37	23.09	21.53	30.00	Pass
15KHz	25MHz	MCH	DFT-16QAM	22.20	22.21	21.96	20.32	30.00	Pass
15KHz	25MHz	MCH	DFT-64QAM	20.68	20.77	20.39	18.88	30.00	Pass
15KHz	25MHz	MCH	DFT-256QAM	18.22	18.17	18.55	16.66	30.00	Pass
15KHz	25MHz	MCH	CP-QPSK	21.31	21.24	21.49	19.60	30.00	Pass
15KHz	25MHz	HCH	DFT-Pi2BPSK	23.03	23.15	22.85	21.26	30.00	Pass
15KHz	25MHz	HCH	DFT-QPSK	22.72	22.98	22.84	21.09	30.00	Pass
15KHz	25MHz	HCH	DFT-16QAM	21.76	21.98	21.75	20.09	30.00	Pass
15KHz	25MHz	HCH	DFT-64QAM	20.28	20.45	20.40	18.56	30.00	Pass
15KHz	25MHz	HCH	DFT-256QAM	18.47	18.71	18.35	16.82	30.00	Pass
15KHz	25MHz	HCH	CP-QPSK	21.37	21.58	21.38	19.69	30.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	23.23	23.41	23.27	21.52	30.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	23.28	23.43	23.25	21.54	30.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	22.53	22.66	22.44	20.77	30.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	20.63	20.72	20.82	18.93	30.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	18.74	18.81	18.85	16.96	30.00	Pass
15KHz	30MHz	LCH	CP-QPSK	21.33	21.43	21.83	19.94	30.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	23.05	22.98	22.96	21.16	30.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	23.02	22.98	23.01	21.13	30.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	21.96	21.90	21.97	20.08	30.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	20.43	20.41	20.45	18.56	30.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	18.32	18.28	18.47	16.58	30.00	Pass
15KHz	30MHz	MCH	CP-QPSK	21.44	21.40	21.49	19.60	30.00	Pass
15KHz	30MHz	HCH	DFT-Pi2BPSK	22.67	22.88	22.75	20.99	30.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	22.63	22.87	22.75	20.98	30.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	21.57	21.77	21.78	19.89	30.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	20.47	20.67	20.38	18.78	30.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	18.46	18.66	18.41	16.77	30.00	Pass
15KHz	30MHz	HCH	CP-QPSK	21.26	21.31	21.39	19.50	30.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	23.21	23.41	23.27	21.52	30.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	23.18	23.38	23.36	21.49	30.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	22.37	22.54	22.32	20.65	30.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	20.79	20.93	20.88	19.04	30.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	18.80	18.90	18.84	17.01	30.00	Pass
15KHz	40MHz	LCH	CP-QPSK	21.77	21.97	21.85	20.08	30.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	23.25	23.18	23.06	21.36	30.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	23.16	23.13	23.04	21.27	30.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	22.07	22.02	22.09	20.20	30.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	20.62	20.66	20.48	18.77	30.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	18.20	18.17	18.52	16.63	30.00	Pass
15KHz	40MHz	MCH	CP-QPSK	21.46	21.49	21.55	19.66	30.00	Pass
15KHz	40MHz	HCH	DFT-Pi2BPSK	22.74	23.01	22.80	21.12	30.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	22.71	22.93	22.79	21.04	30.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	21.81	22.14	21.86	20.25	30.00	Pass
15KHz	40MHz	HCH	DFT-64QAM	20.20	20.41	20.36	18.52	30.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	18.31	18.54	18.36	16.65	30.00	Pass
15KHz	40MHz	HCH	CP-QPSK	21.33	21.55	21.41	19.66	30.00	Pass
15KHz	50MHz	LCH	DFT-Pi2BPSK	23.14	23.32	23.34	21.45	30.00	Pass
15KHz	50MHz	LCH	DFT-QPSK	23.09	23.30	23.36	21.47	30.00	Pass
15KHz	50MHz	LCH	DFT-16QAM	22.26	22.48	22.30	20.59	30.00	Pass
15KHz	50MHz	LCH	DFT-64QAM	20.58	20.75	20.91	19.02	30.00	Pass
15KHz	50MHz	LCH	DFT-256QAM	18.70	18.83	18.97	17.08	30.00	Pass
15KHz	50MHz	LCH	CP-QPSK	21.65	21.75	21.89	20.00	30.00	Pass
15KHz	50MHz	MCH	DFT-Pi2BPSK	23.06	22.94	23.08	21.19	30.00	Pass
15KHz	50MHz	MCH	DFT-QPSK	23.06	23.01	23.14	21.25	30.00	Pass
15KHz	50MHz	MCH	DFT-16QAM	21.93	21.89	22.07	20.18	30.00	Pass
15KHz	50MHz	MCH	DFT-64QAM	20.22	20.25	20.54	18.65	30.00	Pass
15KHz	50MHz	MCH	DFT-256QAM	18.25	18.27	18.48	16.59	30.00	Pass
15KHz	50MHz	MCH	CP-QPSK	21.41	21.33	21.50	19.61	30.00	Pass

15KHz	50MHz	HCH	DFT-Pi2BPSK	22.79	22.99	22.75	21.10	30.00	Pass
15KHz	50MHz	HCH	DFT-QPSK	22.63	22.92	22.83	21.03	30.00	Pass
15KHz	50MHz	HCH	DFT-16QAM	21.77	22.07	21.85	20.18	30.00	Pass
15KHz	50MHz	HCH	DFT-64QAM	20.33	20.61	20.34	18.72	30.00	Pass
15KHz	50MHz	HCH	DFT-256QAM	18.47	18.70	18.37	16.81	30.00	Pass
15KHz	50MHz	HCH	CP-QPSK	21.09	21.39	21.33	19.50	30.00	Pass
30KHz	10MHz	LCH	DFT-Pi2BPSK	23.35	23.37	23.27	21.48	30.00	Pass
30KHz	10MHz	LCH	DFT-QPSK	23.46	23.47	23.39	21.58	30.00	Pass
30KHz	10MHz	LCH	DFT-16QAM	22.11	22.24	22.38	20.49	30.00	Pass
30KHz	10MHz	LCH	DFT-64QAM	21.05	21.15	21.01	19.26	30.00	Pass
30KHz	10MHz	LCH	DFT-256QAM	18.81	18.89	18.83	17.00	30.00	Pass
30KHz	10MHz	LCH	CP-QPSK	21.94	21.94	21.82	20.05	30.00	Pass
30KHz	10MHz	MCH	DFT-Pi2BPSK	23.08	23.07	23.19	21.30	30.00	Pass
30KHz	10MHz	MCH	DFT-QPSK	23.05	23.00	23.09	21.20	30.00	Pass
30KHz	10MHz	MCH	DFT-16QAM	22.03	22.05	21.91	20.16	30.00	Pass
30KHz	10MHz	MCH	DFT-64QAM	20.63	20.59	20.63	18.74	30.00	Pass
30KHz	10MHz	MCH	DFT-256QAM	18.62	18.62	18.61	16.73	30.00	Pass
30KHz	10MHz	MCH	CP-QPSK	22.06	21.74	21.65	20.17	30.00	Pass
30KHz	10MHz	HCH	DFT-Pi2BPSK	23.00	23.03	22.84	21.14	30.00	Pass
30KHz	10MHz	HCH	DFT-QPSK	23.04	23.16	22.85	21.27	30.00	Pass
30KHz	10MHz	HCH	DFT-16QAM	21.89	21.90	21.92	20.03	30.00	Pass
30KHz	10MHz	HCH	DFT-64QAM	20.20	20.23	20.35	18.46	30.00	Pass
30KHz	10MHz	HCH	DFT-256QAM	18.16	18.21	18.40	16.51	30.00	Pass
30KHz	10MHz	HCH	CP-QPSK	21.29	21.54	21.47	19.65	30.00	Pass
30KHz	15MHz	LCH	DFT-Pi2BPSK	23.42	23.45	23.13	21.56	30.00	Pass
30KHz	15MHz	LCH	DFT-QPSK	23.50	23.58	23.20	21.69	30.00	Pass
30KHz	15MHz	LCH	DFT-16QAM	22.32	22.40	22.16	20.51	30.00	Pass
30KHz	15MHz	LCH	DFT-64QAM	20.97	21.04	20.86	19.15	30.00	Pass
30KHz	15MHz	LCH	DFT-256QAM	18.99	19.05	18.77	17.16	30.00	Pass
30KHz	15MHz	LCH	CP-QPSK	22.36	22.09	21.82	20.47	30.00	Pass
30KHz	15MHz	MCH	DFT-Pi2BPSK	23.07	23.08	23.03	21.19	30.00	Pass
30KHz	15MHz	MCH	DFT-QPSK	23.27	23.22	23.00	21.38	30.00	Pass
30KHz	15MHz	MCH	DFT-16QAM	22.38	22.38	22.08	20.49	30.00	Pass
30KHz	15MHz	MCH	DFT-64QAM	20.71	20.68	20.55	18.82	30.00	Pass
30KHz	15MHz	MCH	DFT-256QAM	18.62	18.64	18.58	16.75	30.00	Pass
30KHz	15MHz	MCH	CP-QPSK	22.02	21.43	21.62	20.13	30.00	Pass
30KHz	15MHz	HCH	DFT-Pi2BPSK	22.83	23.02	22.71	21.13	30.00	Pass
30KHz	15MHz	HCH	DFT-QPSK	22.89	23.09	22.81	21.20	30.00	Pass
30KHz	15MHz	HCH	DFT-16QAM	22.26	22.33	21.92	20.44	30.00	Pass
30KHz	15MHz	HCH	DFT-64QAM	20.20	20.31	20.45	18.56	30.00	Pass
30KHz	15MHz	HCH	DFT-256QAM	18.80	18.92	18.52	17.03	30.00	Pass
30KHz	15MHz	HCH	CP-QPSK	21.40	21.21	21.40	19.51	30.00	Pass
30KHz	20MHz	LCH	DFT-Pi2BPSK	23.33	23.38	23.31	21.49	30.00	Pass
30KHz	20MHz	LCH	DFT-QPSK	23.36	23.44	23.29	21.55	30.00	Pass
30KHz	20MHz	LCH	DFT-16QAM	22.36	22.47	22.31	20.58	30.00	Pass
30KHz	20MHz	LCH	DFT-64QAM	20.72	20.84	20.84	18.95	30.00	Pass
30KHz	20MHz	LCH	DFT-256QAM	19.11	19.21	18.81	17.32	30.00	Pass
30KHz	20MHz	LCH	CP-QPSK	21.75	21.88	21.87	19.99	30.00	Pass
30KHz	20MHz	MCH	DFT-Pi2BPSK	23.13	23.07	23.06	21.24	30.00	Pass
30KHz	20MHz	MCH	DFT-QPSK	23.21	23.16	23.05	21.32	30.00	Pass
30KHz	20MHz	MCH	DFT-16QAM	22.09	22.07	21.97	20.20	30.00	Pass
30KHz	20MHz	MCH	DFT-64QAM	20.40	20.39	20.52	18.63	30.00	Pass
30KHz	20MHz	MCH	DFT-256QAM	18.58	18.58	18.56	16.69	30.00	Pass
30KHz	20MHz	MCH	CP-QPSK	21.55	21.56	21.69	19.80	30.00	Pass
30KHz	20MHz	HCH	DFT-Pi2BPSK	22.83	23.00	22.73	21.11	30.00	Pass
30KHz	20MHz	HCH	DFT-QPSK	22.74	22.88	22.85	20.99	30.00	Pass
30KHz	20MHz	HCH	DFT-16QAM	21.33	21.48	21.86	19.97	30.00	Pass
30KHz	20MHz	HCH	DFT-64QAM	20.62	20.77	20.31	18.88	30.00	Pass
30KHz	20MHz	HCH	DFT-256QAM	17.98	18.08	18.48	16.59	30.00	Pass
30KHz	20MHz	HCH	CP-QPSK	21.31	21.58	21.19	19.69	30.00	Pass
30KHz	25MHz	LCH	DFT-Pi2BPSK	23.40	23.47	23.27	21.58	30.00	Pass
30KHz	25MHz	LCH	DFT-QPSK	23.24	23.36	23.29	21.47	30.00	Pass

30KHz	25MHz	LCH	DFT-16QAM	22.18	22.32	22.27	20.43	30.00	Pass
30KHz	25MHz	LCH	DFT-64QAM	21.06	21.12	20.77	19.23	30.00	Pass
30KHz	25MHz	LCH	DFT-256QAM	19.15	19.21	18.79	17.32	30.00	Pass
30KHz	25MHz	LCH	CP-QPSK	21.91	22.05	21.92	20.16	30.00	Pass
30KHz	25MHz	MCH	DFT-Pi2BPSK	23.25	23.17	23.13	21.36	30.00	Pass
30KHz	25MHz	MCH	DFT-QPSK	23.19	23.10	23.11	21.30	30.00	Pass
30KHz	25MHz	MCH	DFT-16QAM	22.18	22.07	22.09	20.29	30.00	Pass
30KHz	25MHz	MCH	DFT-64QAM	20.98	20.97	20.53	19.09	30.00	Pass
30KHz	25MHz	MCH	DFT-256QAM	18.39	18.37	18.57	16.68	30.00	Pass
30KHz	25MHz	MCH	CP-QPSK	21.48	21.49	21.54	19.65	30.00	Pass
30KHz	25MHz	HCH	DFT-Pi2BPSK	22.80	23.03	22.84	21.14	30.00	Pass
30KHz	25MHz	HCH	DFT-QPSK	22.89	23.02	22.86	21.13	30.00	Pass
30KHz	25MHz	HCH	DFT-16QAM	21.98	22.27	21.97	20.38	30.00	Pass
30KHz	25MHz	HCH	DFT-64QAM	20.66	20.85	20.38	18.96	30.00	Pass
30KHz	25MHz	HCH	DFT-256QAM	18.38	18.59	18.50	16.70	30.00	Pass
30KHz	25MHz	HCH	CP-QPSK	21.33	21.51	21.34	19.62	30.00	Pass
30KHz	30MHz	LCH	DFT-Pi2BPSK	23.19	23.31	23.21	21.42	30.00	Pass
30KHz	30MHz	LCH	DFT-QPSK	23.18	23.33	23.30	21.44	30.00	Pass
30KHz	30MHz	LCH	DFT-16QAM	22.45	22.60	22.31	20.71	30.00	Pass
30KHz	30MHz	LCH	DFT-64QAM	20.59	20.67	20.83	18.94	30.00	Pass
30KHz	30MHz	LCH	DFT-256QAM	19.05	19.13	18.78	17.24	30.00	Pass
30KHz	30MHz	LCH	CP-QPSK	21.89	21.83	21.77	20.00	30.00	Pass
30KHz	30MHz	MCH	DFT-Pi2BPSK	23.20	23.14	23.03	21.31	30.00	Pass
30KHz	30MHz	MCH	DFT-QPSK	23.29	23.32	23.09	21.43	30.00	Pass
30KHz	30MHz	MCH	DFT-16QAM	21.83	21.83	22.09	20.20	30.00	Pass
30KHz	30MHz	MCH	DFT-64QAM	20.70	20.69	20.56	18.81	30.00	Pass
30KHz	30MHz	MCH	DFT-256QAM	18.43	18.43	18.39	16.54	30.00	Pass
30KHz	30MHz	MCH	CP-QPSK	21.17	21.37	21.46	19.57	30.00	Pass
30KHz	30MHz	HCH	DFT-Pi2BPSK	22.76	23.01	22.74	21.12	30.00	Pass
30KHz	30MHz	HCH	DFT-QPSK	22.79	23.08	22.78	21.19	30.00	Pass
30KHz	30MHz	HCH	DFT-16QAM	22.06	22.29	21.77	20.40	30.00	Pass
30KHz	30MHz	HCH	DFT-64QAM	20.17	20.37	20.32	18.48	30.00	Pass
30KHz	30MHz	HCH	DFT-256QAM	18.27	18.47	18.43	16.58	30.00	Pass
30KHz	30MHz	HCH	CP-QPSK	20.96	21.24	21.42	19.53	30.00	Pass
30KHz	40MHz	LCH	DFT-Pi2BPSK	23.19	23.42	23.36	21.53	30.00	Pass
30KHz	40MHz	LCH	DFT-QPSK	23.20	23.37	23.32	21.48	30.00	Pass
30KHz	40MHz	LCH	DFT-16QAM	22.25	22.35	22.27	20.46	30.00	Pass
30KHz	40MHz	LCH	DFT-64QAM	20.87	21.00	20.87	19.11	30.00	Pass
30KHz	40MHz	LCH	DFT-256QAM	19.01	19.12	18.88	17.23	30.00	Pass
30KHz	40MHz	LCH	CP-QPSK	21.57	21.72	21.88	19.99	30.00	Pass
30KHz	40MHz	MCH	DFT-Pi2BPSK	23.19	23.15	23.00	21.30	30.00	Pass
30KHz	40MHz	MCH	DFT-QPSK	23.18	23.14	23.10	21.29	30.00	Pass
30KHz	40MHz	MCH	DFT-16QAM	22.14	22.05	22.11	20.25	30.00	Pass
30KHz	40MHz	MCH	DFT-64QAM	20.67	20.68	20.53	18.79	30.00	Pass
30KHz	40MHz	MCH	DFT-256QAM	18.73	18.76	18.57	16.87	30.00	Pass
30KHz	40MHz	MCH	CP-QPSK	21.55	21.67	21.54	19.78	30.00	Pass
30KHz	40MHz	HCH	DFT-Pi2BPSK	22.67	22.92	22.77	21.03	30.00	Pass
30KHz	40MHz	HCH	DFT-QPSK	22.66	22.98	22.84	21.09	30.00	Pass
30KHz	40MHz	HCH	DFT-16QAM	21.88	22.09	21.73	20.20	30.00	Pass
30KHz	40MHz	HCH	DFT-64QAM	20.30	20.57	20.40	18.68	30.00	Pass
30KHz	40MHz	HCH	DFT-256QAM	18.31	18.56	18.32	16.67	30.00	Pass
30KHz	40MHz	HCH	CP-QPSK	21.25	21.61	21.32	19.72	30.00	Pass
30KHz	50MHz	LCH	DFT-Pi2BPSK	23.15	23.34	23.26	21.45	30.00	Pass
30KHz	50MHz	LCH	DFT-QPSK	23.19	23.40	23.38	21.51	30.00	Pass
30KHz	50MHz	LCH	DFT-16QAM	22.21	22.39	22.40	20.51	30.00	Pass
30KHz	50MHz	LCH	DFT-64QAM	20.81	20.91	20.91	19.02	30.00	Pass
30KHz	50MHz	LCH	DFT-256QAM	18.84	18.96	18.88	17.07	30.00	Pass
30KHz	50MHz	LCH	CP-QPSK	21.64	21.78	21.92	20.03	30.00	Pass
30KHz	50MHz	MCH	DFT-Pi2BPSK	23.05	22.95	23.13	21.24	30.00	Pass
30KHz	50MHz	MCH	DFT-QPSK	23.07	23.06	23.12	21.23	30.00	Pass
30KHz	50MHz	MCH	DFT-16QAM	22.02	22.00	22.06	20.17	30.00	Pass
30KHz	50MHz	MCH	DFT-64QAM	20.66	20.68	20.50	18.79	30.00	Pass

30KHz	50MHz	MCH	DFT-256QAM	18.28	18.32	18.54	16.65	30.00	Pass
30KHz	50MHz	MCH	CP-QPSK	21.32	21.32	21.55	19.66	30.00	Pass
30KHz	50MHz	HCH	DFT-Pi2BPSK	22.70	22.93	22.81	21.04	30.00	Pass
30KHz	50MHz	HCH	DFT-QPSK	22.70	22.93	22.82	21.04	30.00	Pass
30KHz	50MHz	HCH	DFT-16QAM	21.83	22.10	21.77	20.21	30.00	Pass
30KHz	50MHz	HCH	DFT-64QAM	20.14	20.40	20.38	18.51	30.00	Pass
30KHz	50MHz	HCH	DFT-256QAM	18.23	18.48	18.46	16.59	30.00	Pass
30KHz	50MHz	HCH	CP-QPSK	21.11	21.49	21.42	19.60	30.00	Pass
30KHz	60MHz	LCH	DFT-Pi2BPSK	23.16	23.36	23.31	21.47	30.00	Pass
30KHz	60MHz	LCH	DFT-QPSK	23.11	23.23	23.31	21.42	30.00	Pass
30KHz	60MHz	LCH	DFT-16QAM	22.07	22.21	22.30	20.41	30.00	Pass
30KHz	60MHz	LCH	DFT-64QAM	20.77	20.82	20.79	18.93	30.00	Pass
30KHz	60MHz	LCH	DFT-256QAM	18.85	18.94	18.87	17.05	30.00	Pass
30KHz	60MHz	LCH	CP-QPSK	21.58	21.61	21.73	19.84	30.00	Pass
30KHz	60MHz	MCH	DFT-Pi2BPSK	23.01	22.98	23.04	21.15	30.00	Pass
30KHz	60MHz	MCH	DFT-QPSK	23.02	22.97	23.03	21.14	30.00	Pass
30KHz	60MHz	MCH	DFT-16QAM	22.11	22.11	22.15	20.26	30.00	Pass
30KHz	60MHz	MCH	DFT-64QAM	20.34	20.40	20.56	18.67	30.00	Pass
30KHz	60MHz	MCH	DFT-256QAM	18.36	18.41	18.53	16.64	30.00	Pass
30KHz	60MHz	MCH	CP-QPSK	21.27	21.32	21.45	19.56	30.00	Pass
30KHz	60MHz	HCH	DFT-Pi2BPSK	22.63	22.80	22.71	20.91	30.00	Pass
30KHz	60MHz	HCH	DFT-QPSK	22.65	22.88	22.78	20.99	30.00	Pass
30KHz	60MHz	HCH	DFT-16QAM	21.74	22.02	21.76	20.13	30.00	Pass
30KHz	60MHz	HCH	DFT-64QAM	20.33	20.55	20.36	18.66	30.00	Pass
30KHz	60MHz	HCH	DFT-256QAM	18.30	18.54	18.34	16.65	30.00	Pass
30KHz	60MHz	HCH	CP-QPSK	21.18	21.41	21.30	19.52	30.00	Pass
30KHz	70MHz	LCH	DFT-Pi2BPSK	23.24	23.20	23.22	21.35	30.00	Pass
30KHz	70MHz	LCH	DFT-QPSK	23.24	23.20	23.29	21.40	30.00	Pass
30KHz	70MHz	LCH	DFT-16QAM	22.23	22.20	22.36	20.47	30.00	Pass
30KHz	70MHz	LCH	DFT-64QAM	20.56	20.55	20.80	18.91	30.00	Pass
30KHz	70MHz	LCH	DFT-256QAM	18.78	18.77	18.85	16.96	30.00	Pass
30KHz	70MHz	LCH	CP-QPSK	21.60	21.56	21.83	19.94	30.00	Pass
30KHz	70MHz	MCH	DFT-Pi2BPSK	23.04	22.98	23.08	21.19	30.00	Pass
30KHz	70MHz	MCH	DFT-QPSK	23.07	22.98	23.05	21.18	30.00	Pass
30KHz	70MHz	MCH	DFT-16QAM	21.83	21.76	22.10	20.21	30.00	Pass
30KHz	70MHz	MCH	DFT-64QAM	20.69	20.58	20.61	18.80	30.00	Pass
30KHz	70MHz	MCH	DFT-256QAM	18.59	18.53	18.68	16.79	30.00	Pass
30KHz	70MHz	MCH	CP-QPSK	21.49	21.34	21.52	19.63	30.00	Pass
30KHz	70MHz	HCH	DFT-Pi2BPSK	22.83	22.91	22.81	21.02	30.00	Pass
30KHz	70MHz	HCH	DFT-QPSK	22.92	23.08	22.80	21.19	30.00	Pass
30KHz	70MHz	HCH	DFT-16QAM	21.82	21.85	21.84	19.96	30.00	Pass
30KHz	70MHz	HCH	DFT-64QAM	20.36	20.47	20.27	18.58	30.00	Pass
30KHz	70MHz	HCH	DFT-256QAM	18.50	18.54	18.34	16.65	30.00	Pass
30KHz	70MHz	HCH	CP-QPSK	21.20	21.29	21.27	19.40	30.00	Pass
30KHz	80MHz	LCH	DFT-Pi2BPSK	23.15	23.14	23.19	21.30	30.00	Pass
30KHz	80MHz	LCH	DFT-QPSK	23.14	23.10	23.24	21.35	30.00	Pass
30KHz	80MHz	LCH	DFT-16QAM	21.84	21.76	22.32	20.43	30.00	Pass
30KHz	80MHz	LCH	DFT-64QAM	20.74	20.61	20.85	18.96	30.00	Pass
30KHz	80MHz	LCH	DFT-256QAM	18.57	18.49	18.88	16.99	30.00	Pass
30KHz	80MHz	LCH	CP-QPSK	21.72	21.61	21.79	19.90	30.00	Pass
30KHz	80MHz	MCH	DFT-Pi2BPSK	23.10	23.04	23.03	21.21	30.00	Pass
30KHz	80MHz	MCH	DFT-QPSK	23.11	23.03	23.05	21.22	30.00	Pass
30KHz	80MHz	MCH	DFT-16QAM	22.04	21.89	22.05	20.16	30.00	Pass
30KHz	80MHz	MCH	DFT-64QAM	20.77	20.60	20.53	18.88	30.00	Pass
30KHz	80MHz	MCH	DFT-256QAM	18.83	18.68	18.60	16.94	30.00	Pass
30KHz	80MHz	MCH	CP-QPSK	21.47	21.37	21.59	19.70	30.00	Pass
30KHz	80MHz	HCH	DFT-Pi2BPSK	22.95	22.92	22.76	21.06	30.00	Pass
30KHz	80MHz	HCH	DFT-QPSK	22.99	23.00	22.77	21.11	30.00	Pass
30KHz	80MHz	HCH	DFT-16QAM	21.85	21.94	21.79	20.05	30.00	Pass
30KHz	80MHz	HCH	DFT-64QAM	20.49	20.54	20.31	18.65	30.00	Pass
30KHz	80MHz	HCH	DFT-256QAM	18.56	18.60	18.30	16.71	30.00	Pass
30KHz	80MHz	HCH	CP-QPSK	21.45	21.68	21.25	19.79	30.00	Pass

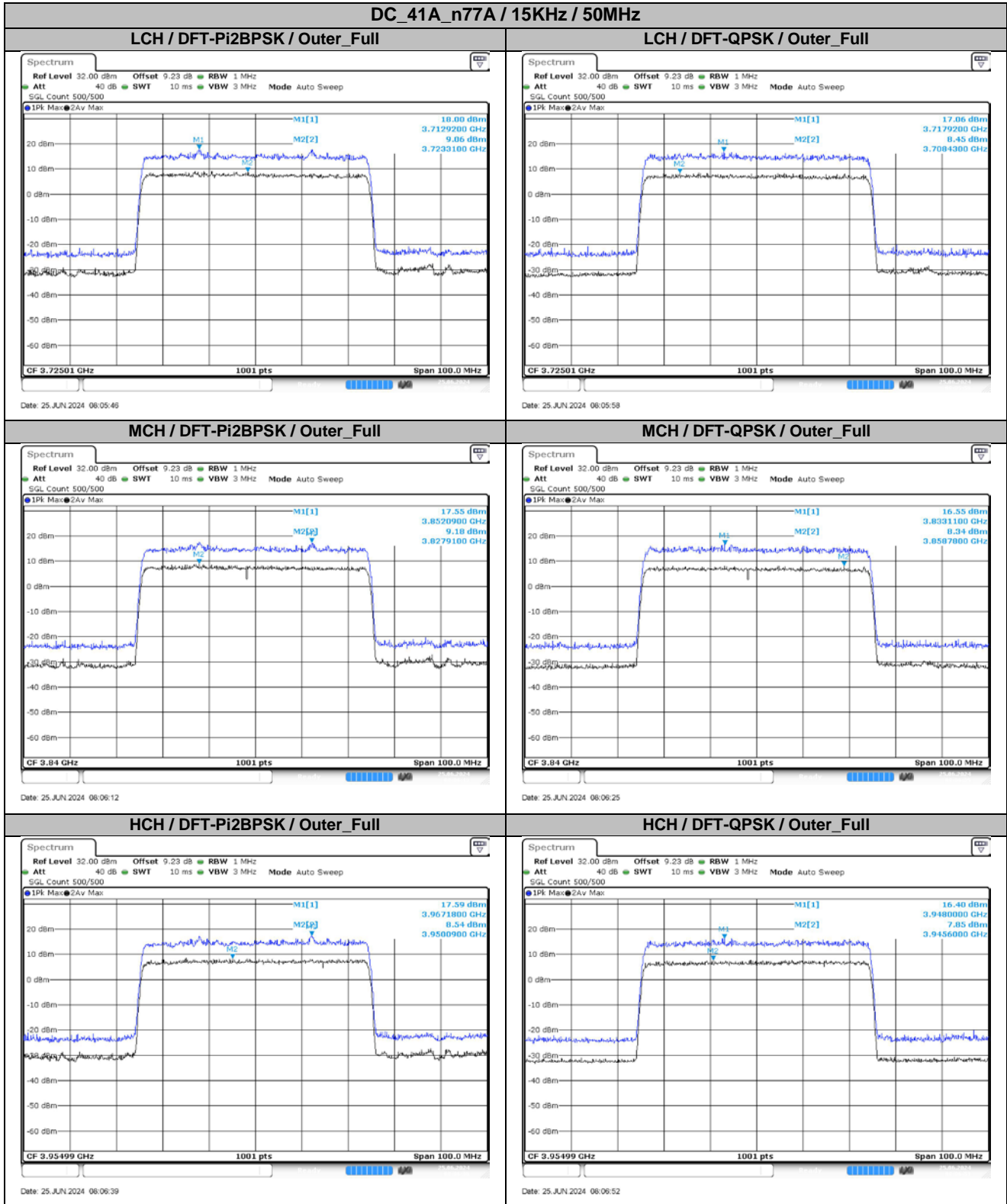
30KHz	90MHz	LCH	DFT-Pi2BPSK	23.18	23.15	23.10	21.29	30.00	Pass
30KHz	90MHz	LCH	DFT-QPSK	23.22	23.12	23.26	21.37	30.00	Pass
30KHz	90MHz	LCH	DFT-16QAM	22.15	22.04	22.34	20.45	30.00	Pass
30KHz	90MHz	LCH	DFT-64QAM	20.49	20.38	20.78	18.89	30.00	Pass
30KHz	90MHz	LCH	DFT-256QAM	18.81	18.62	18.86	16.97	30.00	Pass
30KHz	90MHz	LCH	CP-QPSK	21.55	21.41	21.78	19.89	30.00	Pass
30KHz	90MHz	MCH	DFT-Pi2BPSK	22.97	22.86	23.01	21.12	30.00	Pass
30KHz	90MHz	MCH	DFT-QPSK	23.04	22.91	23.08	21.19	30.00	Pass
30KHz	90MHz	MCH	DFT-16QAM	21.79	21.61	22.05	20.16	30.00	Pass
30KHz	90MHz	MCH	DFT-64QAM	20.64	20.43	20.60	18.75	30.00	Pass
30KHz	90MHz	MCH	DFT-256QAM	18.57	18.40	18.59	16.70	30.00	Pass
30KHz	90MHz	MCH	CP-QPSK	21.46	21.30	21.57	19.68	30.00	Pass
30KHz	90MHz	HCH	DFT-Pi2BPSK	22.87	22.86	22.74	20.98	30.00	Pass
30KHz	90MHz	HCH	DFT-QPSK	22.96	22.95	22.76	21.07	30.00	Pass
30KHz	90MHz	HCH	DFT-16QAM	21.80	21.79	21.78	19.91	30.00	Pass
30KHz	90MHz	HCH	DFT-64QAM	20.36	20.36	20.30	18.47	30.00	Pass
30KHz	90MHz	HCH	DFT-256QAM	18.54	18.53	18.34	16.65	30.00	Pass
30KHz	90MHz	HCH	CP-QPSK	21.26	21.17	21.26	19.37	30.00	Pass
30KHz	100MHz	LCH	DFT-Pi2BPSK	23.01	22.96	23.19	21.30	30.00	Pass
30KHz	100MHz	LCH	DFT-QPSK	23.10	23.05	23.19	21.30	30.00	Pass
30KHz	100MHz	LCH	DFT-16QAM	21.93	21.78	22.30	20.41	30.00	Pass
30KHz	100MHz	LCH	DFT-64QAM	20.44	20.24	20.85	18.96	30.00	Pass
30KHz	100MHz	LCH	DFT-256QAM	18.39	18.27	18.82	16.93	30.00	Pass
30KHz	100MHz	LCH	CP-QPSK	21.56	21.35	21.75	19.86	30.00	Pass
30KHz	100MHz	MCH	DFT-Pi2BPSK	23.03	22.84	23.07	21.18	30.00	Pass
30KHz	100MHz	MCH	DFT-QPSK	23.07	22.87	23.04	21.18	30.00	Pass
30KHz	100MHz	MCH	DFT-16QAM	22.06	21.89	22.05	20.17	30.00	Pass
30KHz	100MHz	MCH	DFT-64QAM	20.44	20.20	20.60	18.71	30.00	Pass
30KHz	100MHz	MCH	DFT-256QAM	18.46	18.28	18.65	16.76	30.00	Pass
30KHz	100MHz	MCH	CP-QPSK	21.33	21.07	21.53	19.64	30.00	Pass
30KHz	100MHz	HCH	DFT-Pi2BPSK	22.92	22.78	22.82	21.03	30.00	Pass
30KHz	100MHz	HCH	DFT-QPSK	22.91	22.89	22.80	21.02	30.00	Pass
30KHz	100MHz	HCH	DFT-16QAM	21.85	21.87	21.83	19.98	30.00	Pass
30KHz	100MHz	HCH	DFT-64QAM	20.42	20.40	20.29	18.53	30.00	Pass
30KHz	100MHz	HCH	DFT-256QAM	18.45	18.47	18.36	16.58	30.00	Pass
30KHz	100MHz	HCH	CP-QPSK	21.33	21.29	21.25	19.44	30.00	Pass

2. Peak-to-Average Ratio

2.1. Test Results

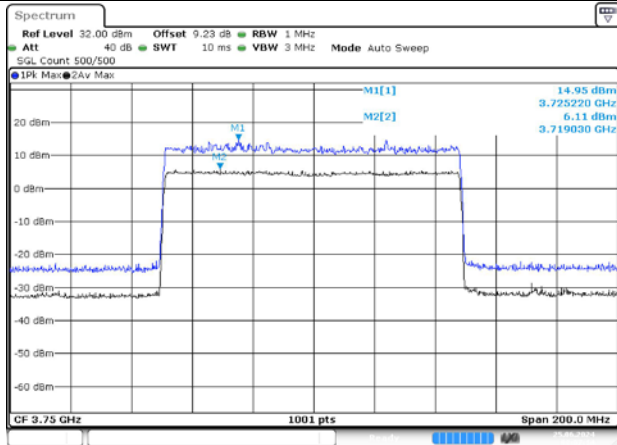
Channel	RB	Result (dB)				Limit (dB)	Verdict
		15KHz / 50MHz		30KHz / 100MHz			
		DFT-Pi2BPSK	DFT-QPSK	DFT-Pi2BPSK	DFT-QPSK		
LCH	Outer_Full	8.93	8.61	8.85	8.68	13.00	Pass
MCH	Outer_Full	8.38	8.21	8.60	8.26	13.00	Pass
HCH	Outer_Full	9.05	8.55	9.35	7.92	13.00	Pass

2.2. Test Plots

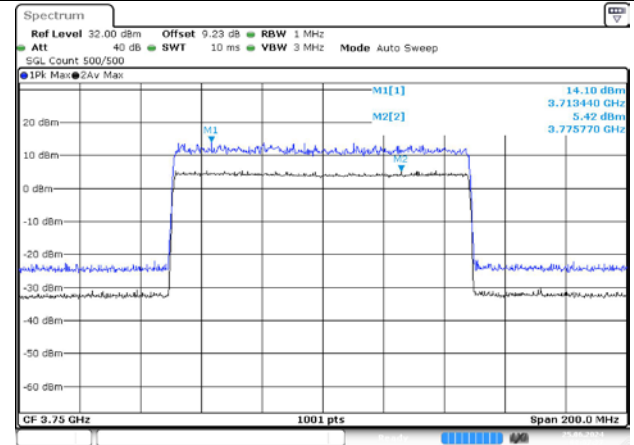


DC_41A_n77A / 30KHz / 100MHz

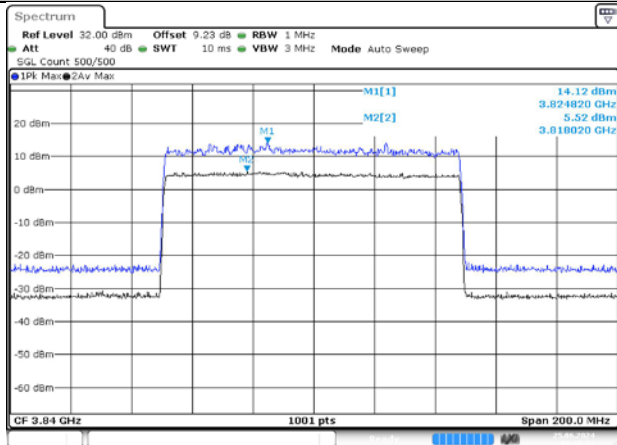
LCH / DFT-Pi2BPSK / Outer_Full



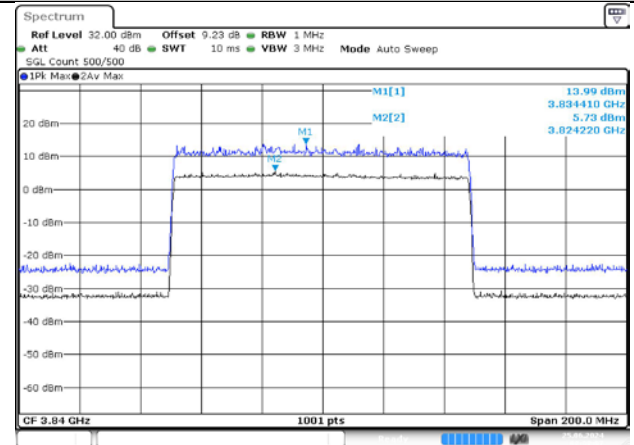
LCH / DFT-QPSK / Outer_Full



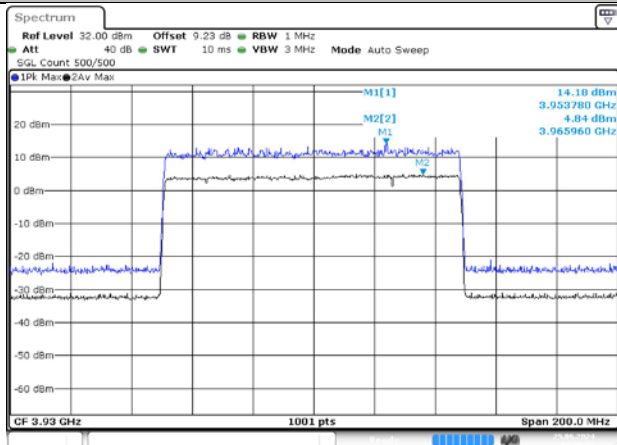
MCH / DFT-Pi2BPSK / Outer_Full



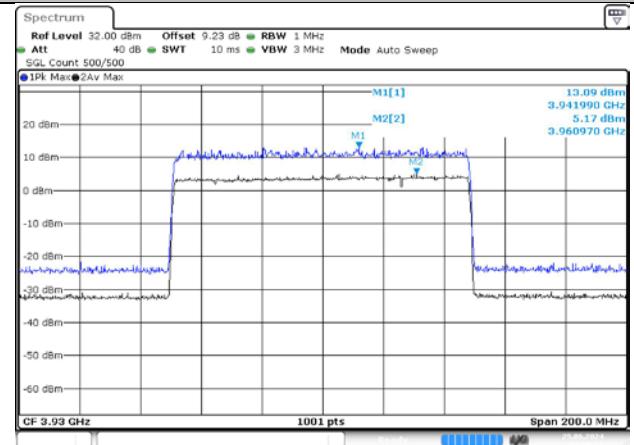
MCH / DFT-QPSK / Outer_Full



HCH / DFT-Pi2BPSK / Outer_Full

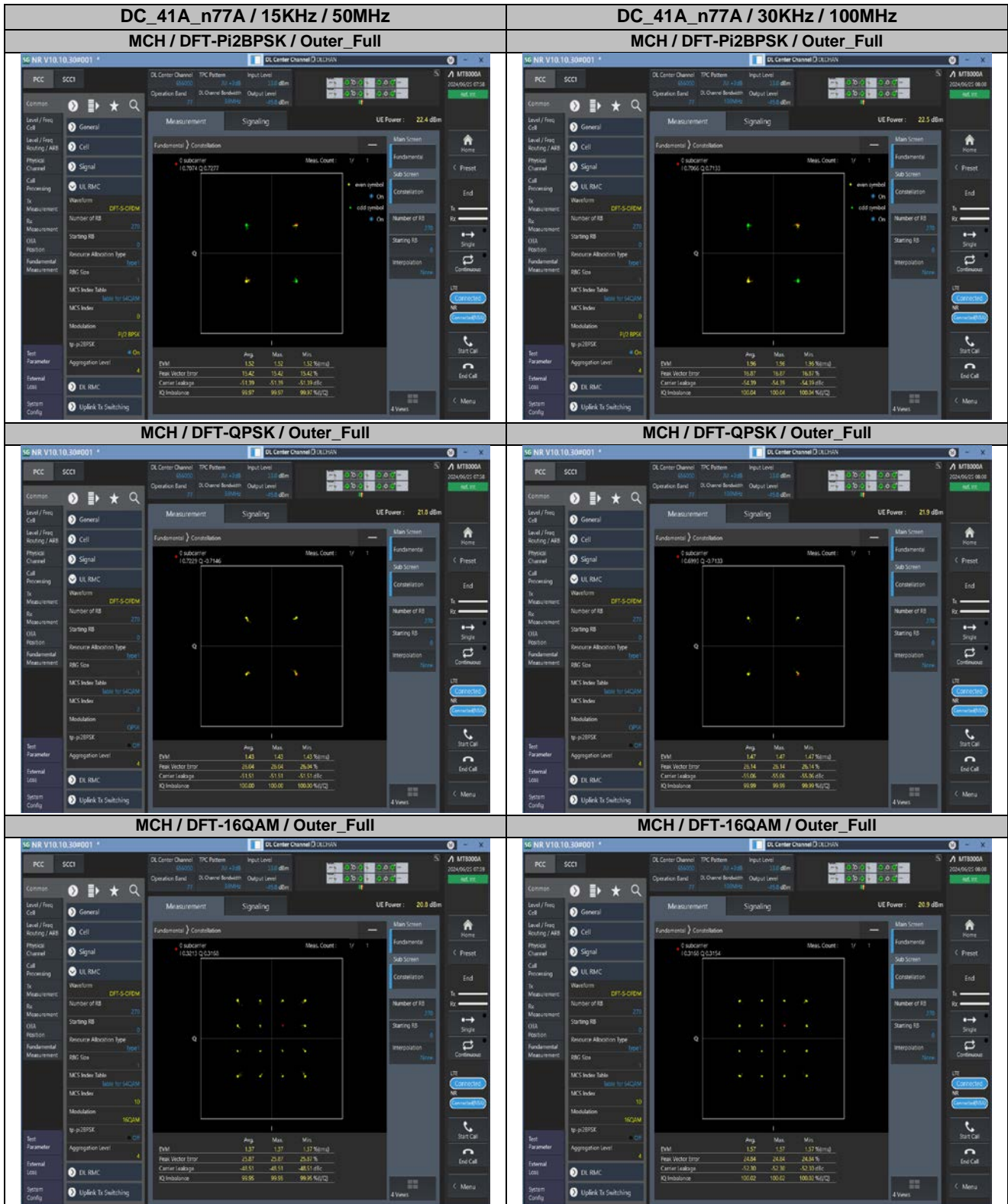


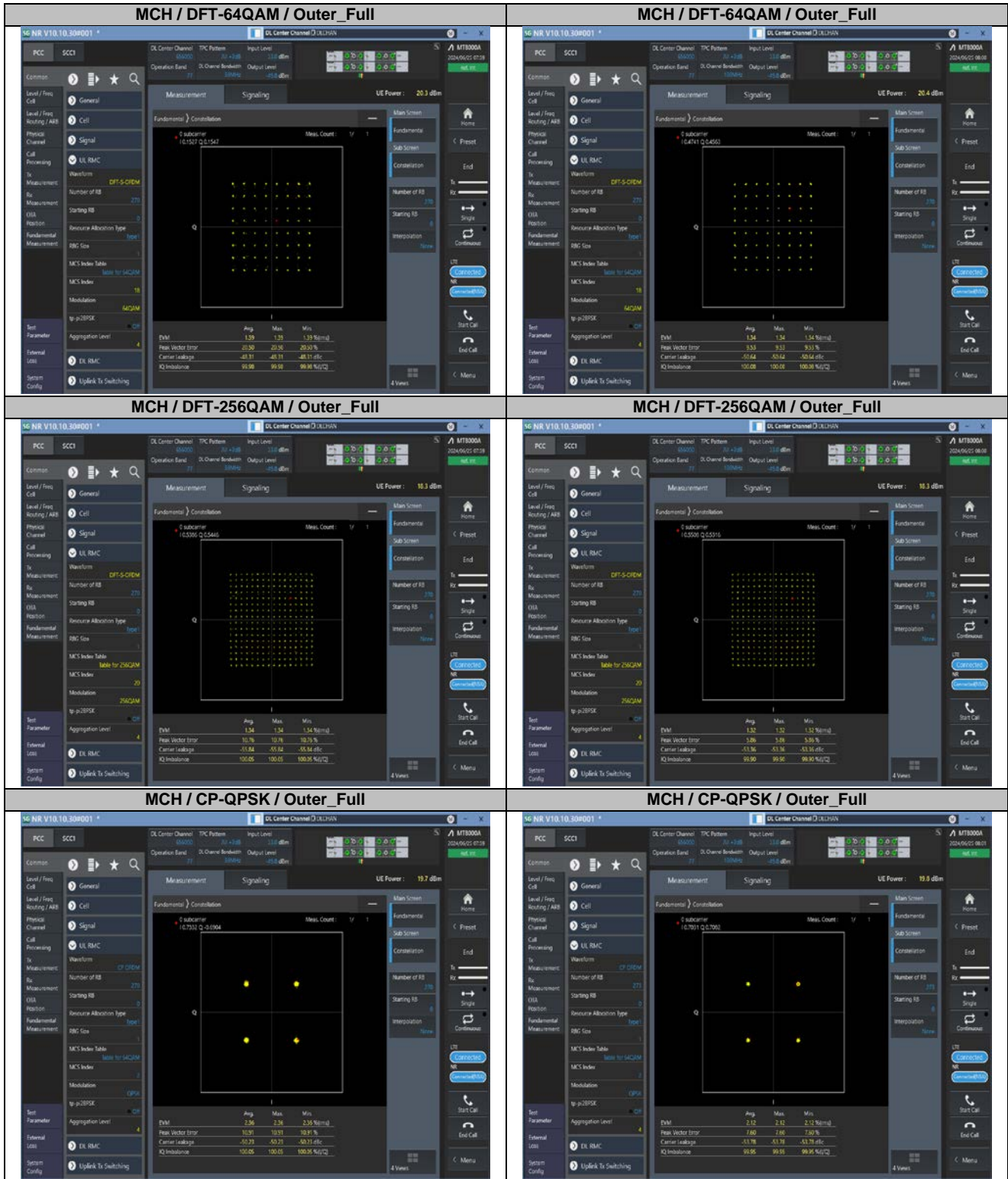
HCH / DFT-QPSK / Outer_Full

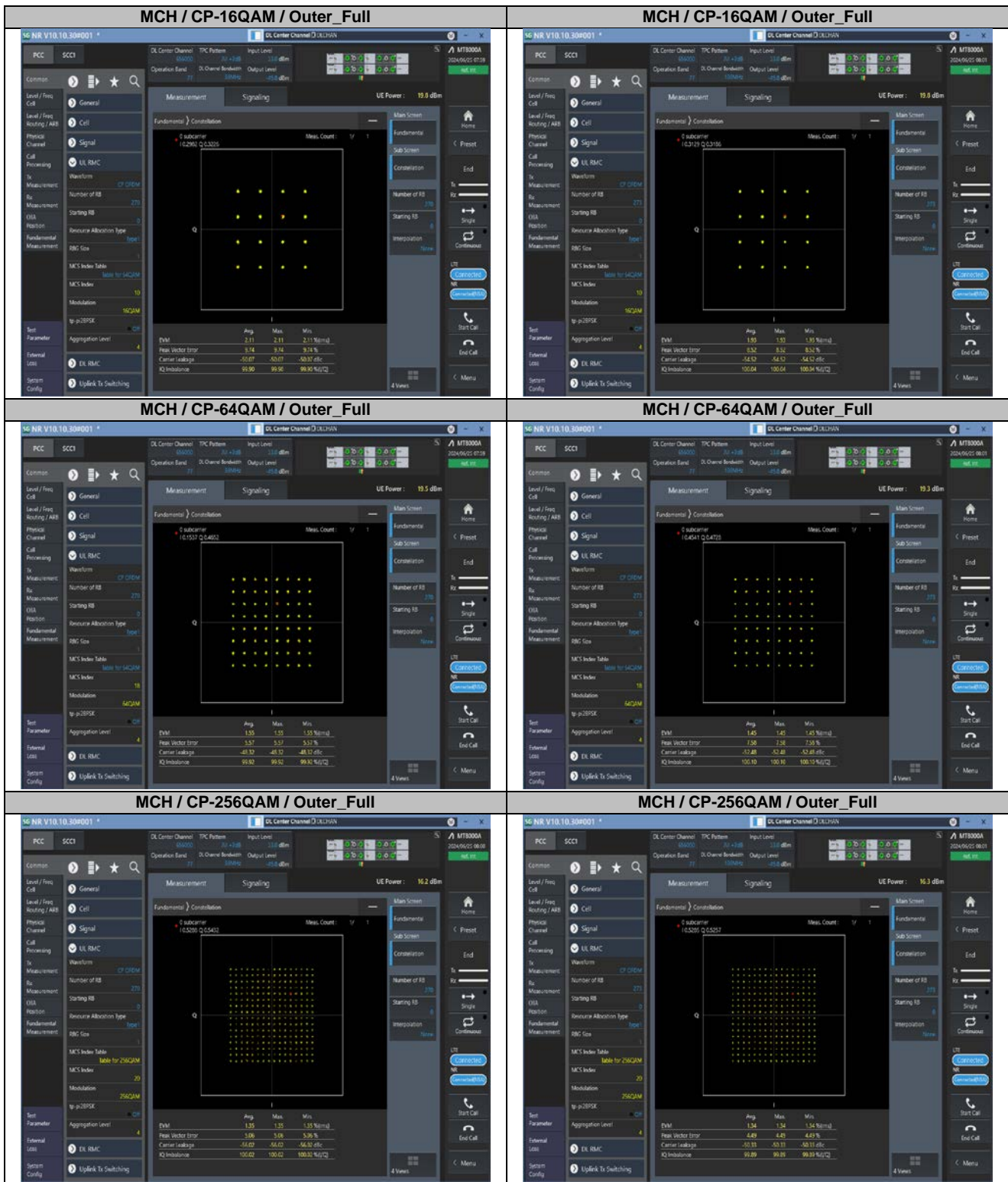


3. Modulation Characteristics

3.1. Test Plots







4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

4.1. Test Results

Bandwidth	Modulation	RB	99% Occupied Bandwidth (MHz)		26dB Emission Bandwidth (MHz)		Verdict
			15KHz	30KHz	15KHz	30KHz	
10MHz	DFT-Pi2BPSK	Outer_Full	8.93	8.57	9.36	9.18	Pass
10MHz	DFT-QPSK	Outer_Full	8.91	8.57	9.36	9.22	Pass
10MHz	CP-QPSK	Outer_Full	9.27	8.57	9.74	9.30	Pass
10MHz	CP-16QAM	Outer_Full	9.25	8.57	9.70	9.26	Pass
10MHz	CP-64QAM	Outer_Full	9.25	8.59	9.70	9.20	Pass
10MHz	CP-256QAM	Outer_Full	9.27	8.59	9.70	9.22	Pass
15MHz	DFT-Pi2BPSK	Outer_Full	13.40	12.89	14.07	13.68	Pass
15MHz	DFT-QPSK	Outer_Full	13.40	12.86	14.07	13.74	Pass
15MHz	CP-QPSK	Outer_Full	14.09	13.58	14.94	14.55	Pass
15MHz	CP-16QAM	Outer_Full	14.12	13.58	14.79	14.43	Pass
15MHz	CP-64QAM	Outer_Full	14.12	13.67	14.79	14.58	Pass
15MHz	CP-256QAM	Outer_Full	14.12	13.64	14.79	14.55	Pass
20MHz	DFT-Pi2BPSK	Outer_Full	17.86	17.82	18.68	18.72	Pass
20MHz	DFT-QPSK	Outer_Full	17.82	17.86	18.60	18.80	Pass
20MHz	CP-QPSK	Outer_Full	18.90	18.22	19.68	19.20	Pass
20MHz	CP-16QAM	Outer_Full	18.90	18.22	19.68	19.20	Pass
20MHz	CP-64QAM	Outer_Full	18.90	18.18	19.72	19.16	Pass
20MHz	CP-256QAM	Outer_Full	18.90	18.18	19.72	19.20	Pass
25MHz	DFT-Pi2BPSK	Outer_Full	22.83	22.83	23.80	24.05	Pass
25MHz	DFT-QPSK	Outer_Full	22.83	22.78	23.85	23.95	Pass
25MHz	CP-QPSK	Outer_Full	23.68	23.13	24.65	24.35	Pass
25MHz	CP-16QAM	Outer_Full	23.68	23.23	24.80	24.30	Pass
25MHz	CP-64QAM	Outer_Full	23.73	23.23	24.65	24.35	Pass
25MHz	CP-256QAM	Outer_Full	23.73	23.18	24.70	24.35	Pass
30MHz	DFT-Pi2BPSK	Outer_Full	28.53	26.79	29.82	28.20	Pass
30MHz	DFT-QPSK	Outer_Full	28.53	26.79	29.76	28.32	Pass
30MHz	CP-QPSK	Outer_Full	28.59	27.75	29.76	29.40	Pass
30MHz	CP-16QAM	Outer_Full	28.47	27.87	29.70	29.22	Pass
30MHz	CP-64QAM	Outer_Full	28.53	27.75	29.58	29.16	Pass
30MHz	CP-256QAM	Outer_Full	28.47	27.87	29.70	29.34	Pass
40MHz	DFT-Pi2BPSK	Outer_Full	38.52	35.80	40.08	37.52	Pass
40MHz	DFT-QPSK	Outer_Full	38.52	35.80	40.16	37.52	Pass
40MHz	CP-QPSK	Outer_Full	38.44	37.80	40.00	39.52	Pass
40MHz	CP-16QAM	Outer_Full	38.52	37.80	40.08	39.76	Pass
40MHz	CP-64QAM	Outer_Full	38.52	37.80	40.00	39.60	Pass
40MHz	CP-256QAM	Outer_Full	38.52	37.80	40.16	39.76	Pass
50MHz	DFT-Pi2BPSK	Outer_Full	48.15	45.65	49.90	47.60	Pass
50MHz	DFT-QPSK	Outer_Full	48.15	45.65	49.90	47.60	Pass
50MHz	CP-QPSK	Outer_Full	48.15	47.35	49.80	49.30	Pass
50MHz	CP-16QAM	Outer_Full	48.05	47.35	49.90	49.40	Pass
50MHz	CP-64QAM	Outer_Full	48.15	47.45	49.80	49.30	Pass
50MHz	CP-256QAM	Outer_Full	48.15	47.35	49.80	49.50	Pass
60MHz	DFT-Pi2BPSK	Outer_Full	N/A	57.90	N/A	59.52	Pass
60MHz	DFT-QPSK	Outer_Full	N/A	57.90	N/A	59.64	Pass
60MHz	CP-QPSK	Outer_Full	N/A	57.66	N/A	59.64	Pass
60MHz	CP-16QAM	Outer_Full	N/A	57.66	N/A	59.76	Pass
60MHz	CP-64QAM	Outer_Full	N/A	57.78	N/A	59.64	Pass
60MHz	CP-256QAM	Outer_Full	N/A	57.66	N/A	59.64	Pass
70MHz	DFT-Pi2BPSK	Outer_Full	N/A	64.20	N/A	65.94	Pass
70MHz	DFT-QPSK	Outer_Full	N/A	64.06	N/A	66.22	Pass
70MHz	CP-QPSK	Outer_Full	N/A	67.41	N/A	69.44	Pass
70MHz	CP-16QAM	Outer_Full	N/A	67.27	N/A	69.30	Pass
70MHz	CP-64QAM	Outer_Full	N/A	67.27	N/A	69.30	Pass
70MHz	CP-256QAM	Outer_Full	N/A	67.41	N/A	69.44	Pass
80MHz	DFT-Pi2BPSK	Outer_Full	N/A	77.20	N/A	80.00	Pass
80MHz	DFT-QPSK	Outer_Full	N/A	77.20	N/A	80.00	Pass

80MHz	CP-QPSK	Outer_Full	N/A	77.36	N/A	80.32	Pass
80MHz	CP-16QAM	Outer_Full	N/A	77.36	N/A	80.32	Pass
80MHz	CP-64QAM	Outer_Full	N/A	77.36	N/A	80.48	Pass
80MHz	CP-256QAM	Outer_Full	N/A	77.36	N/A	80.48	Pass
90MHz	DFT-Pi2BPSK	Outer_Full	N/A	86.67	N/A	89.64	Pass
90MHz	DFT-QPSK	Outer_Full	N/A	86.49	N/A	89.82	Pass
90MHz	CP-QPSK	Outer_Full	N/A	87.39	N/A	90.54	Pass
90MHz	CP-16QAM	Outer_Full	N/A	87.39	N/A	90.36	Pass
90MHz	CP-64QAM	Outer_Full	N/A	87.39	N/A	90.54	Pass
90MHz	CP-256QAM	Outer_Full	N/A	87.39	N/A	90.54	Pass
100MHz	DFT-Pi2BPSK	Outer_Full	N/A	96.30	N/A	99.60	Pass
100MHz	DFT-QPSK	Outer_Full	N/A	96.30	N/A	99.60	Pass
100MHz	CP-QPSK	Outer_Full	N/A	97.30	N/A	100.60	Pass
100MHz	CP-16QAM	Outer_Full	N/A	97.10	N/A	100.40	Pass
100MHz	CP-64QAM	Outer_Full	N/A	97.50	N/A	100.40	Pass
100MHz	CP-256QAM	Outer_Full	N/A	97.30	N/A	100.40	Pass

4.2. Test Plots

