Appendix
for
n77A
(3700-3980)

Catalogue

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant4 (Antenna Gain=-0.87dBi)

SCS	Bandwidth	Channel	Modulation	Conducted Result (dBm)			Max EIRP (dBm)	Limit (dBm)	Verdict
				Inner_1RB_Left	Inner_1RB_Right	Inner_Full			
30KHz	10MHz	LCH	DFT-Pi2BPSK	25.59	26.16	26.15	25.29	30.00	Pass
30KHz	10MHz	LCH	DFT-QPSK	25.99	25.99	26.10	25.23	30.00	Pass
30KHz	10MHz	LCH	DFT-16QAM	25.91	26.08	25.99	25.21	30.00	Pass
30KHz	10MHz	LCH	DFT-64QAM	24.62	24.74	24.73	23.87	30.00	Pass
30KHz	10MHz	LCH	DFT-256QAM	22.59	22.61	22.68	21.81	30.00	Pass
30KHz	10MHz	LCH	CP-QPSK	25.63	25.78	25.76	24.91	30.00	Pass
30KHz	10MHz	MCH	DFT-Pi2BPSK	26.49	26.55	26.55	25.68	30.00	Pass
30KHz	10MHz	MCH	DFT-QPSK	26.44	26.56	26.58	25.71	30.00	Pass
30KHz	10MHz	MCH	DFT-16QAM	26.49	26.56	26.50	25.69	30.00	Pass
30KHz	10MHz	MCH	DFT-64QAM	25.09	25.24	25.26	24.39	30.00	Pass
30KHz	10MHz	MCH	DFT-256QAM	23.17	23.17	23.15	22.30	30.00	Pass
30KHz	10MHz	MCH	CP-QPSK	26.22	26.15	26.20	25.35	30.00	Pass
30KHz	10MHz	HCH	DFT-Pi2BPSK	26.55	26.52	26.57	25.70	30.00	Pass
30KHz	10MHz	HCH	DFT-QPSK	26.49	26.45	26.54	25.67	30.00	Pass
30KHz	10MHz	HCH	DFT-16QAM	26.49	26.48	26.51	25.64	30.00	Pass
30KHz	10MHz	HCH	DFT-64QAM	25.20	25.15	25.13	24.33	30.00	Pass
30KHz	10MHz	HCH	DFT-256QAM	23.05	23.08	23.10	22.23	30.00	Pass
30KHz	10MHz	HCH	CP-QPSK	26.23	26.06	26.12	25.36	30.00	Pass
30KHz	15MHz	LCH	DFT-Pi2BPSK	26.20	26.20	26.18	25.33	30.00	Pass
30KHz	15MHz	LCH	DFT-QPSK	26.08	26.11	26.20	25.33	30.00	Pass
30KHz	15MHz	LCH	DFT-16QAM	26.22	26.23	26.25	25.38	30.00	Pass
30KHz	15MHz	LCH	DFT-64QAM	24.83	24.80	24.83	23.96	30.00	Pass
30KHz	15MHz	LCH	DFT-256QAM	22.80	22.80	22.88	22.01	30.00	Pass
30KHz	15MHz	LCH	CP-QPSK	25.83	25.87	25.85	25.00	30.00	Pass
30KHz	15MHz	MCH	DFT-Pi2BPSK	26.65	26.77	26.69	25.90	30.00	Pass
30KHz	15MHz	MCH	DFT-QPSK	26.59	26.82	26.69	25.95	30.00	Pass
30KHz	15MHz	MCH	DFT-16QAM	26.54	26.80	26.73	25.93	30.00	Pass
30KHz	15MHz	MCH	DFT-64QAM	25.23	25.45	25.34	24.58	30.00	Pass
30KHz	15MHz	MCH	DFT-256QAM	23.18	23.44	23.38	22.57	30.00	Pass
30KHz	15MHz	MCH	CP-QPSK	26.24	26.50	26.40	25.63	30.00	Pass
30KHz	15MHz	HCH	DFT-Pi2BPSK	26.56	26.67	26.61	25.80	30.00	Pass
30KHz	15MHz	HCH	DFT-QPSK	26.59	26.56	26.59	25.72	30.00	Pass
30KHz	15MHz	HCH	DFT-16QAM	26.63	26.59	26.59	25.76	30.00	Pass
30KHz	15MHz	HCH	DFT-64QAM	25.20	25.24	25.25	24.38	30.00	Pass
30KHz	15MHz	HCH	DFT-256QAM	23.24	23.23	23.30	22.43	30.00	Pass
30KHz	15MHz	HCH	CP-QPSK	26.33	26.16	26.26	25.46	30.00	Pass
30KHz	20MHz	LCH	DFT-Pi2BPSK	26.05	26.28	26.17	25.41	30.00	Pass
30KHz	20MHz	LCH	DFT-QPSK	26.07	26.24	26.16	25.37	30.00	Pass
30KHz	20MHz	LCH	DFT-16QAM	26.11	26.26	26.14	25.39	30.00	Pass
30KHz	20MHz	LCH	DFT-64QAM	24.74	24.84	24.78	23.97	30.00	Pass
30KHz	20MHz	LCH	DFT-256QAM	22.66	22.83	22.74	21.96	30.00	Pass
30KHz	20MHz	LCH	CP-QPSK	25.80	25.96	25.67	25.09	30.00	Pass
30KHz	20MHz	MCH	DFT-Pi2BPSK	26.50	26.82	26.68	25.95	30.00	Pass
30KHz	20MHz	MCH	DFT-QPSK	26.54	26.78	26.65	25.91	30.00	Pass
30KHz	20MHz	MCH	DFT-16QAM	26.44	26.74	26.73	25.87	30.00	Pass
30KHz	20MHz	MCH	DFT-64QAM	25.18	25.50	25.25	24.63	30.00	Pass
30KHz	20MHz	MCH	DFT-256QAM	23.18	23.37	23.24	22.50	30.00	Pass
30KHz	20MHz	MCH	CP-QPSK	26.16	26.39	26.27	25.52	30.00	Pass
30KHz	20MHz	HCH	DFT-Pi2BPSK	26.61	26.61	26.60	25.74	30.00	Pass
30KHz	20MHz	HCH	DFT-QPSK	26.53	26.54	26.55	25.68	30.00	Pass
30KHz	20MHz	HCH	DFT-16QAM	26.55	26.61	26.61	25.74	30.00	Pass
30KHz	20MHz	HCH	DFT-64QAM	25.37	25.33	25.21	24.50	30.00	Pass
30KHz	20MHz	HCH	DFT-256QAM	23.20	23.26	23.17	22.39	30.00	Pass
30KHz	20MHz	HCH	CP-QPSK	26.22	26.19	26.18	25.35	30.00	Pass
30KHz	30MHz	LCH	DFT-Pi2BPSK	26.18	26.46	26.25	25.59	30.00	Pass
30KHz	30MHz	LCH	DFT-QPSK	26.17	26.50	26.26	25.63	30.00	Pass
30KHz	30MHz	LCH	DFT-16QAM	26.23	26.39	26.24	25.52	30.00	Pass
30KHz	30MHz	LCH	DFT-64QAM	24.76	25.02	24.85	24.15	30.00	Pass

30KHz	30MHz	LCH	DFT-256QAM	22.83	23.13	22.93	22.26	30.00	Pass
30KHz	30MHz	LCH	CP-QPSK	25.99	26.11	25.79	25.24	30.00	Pass
30KHz	30MHz	MCH	DFT-Pi2BPSK	26.56	26.64	26.66	25.79	30.00	Pass
30KHz	30MHz	MCH	DFT-QPSK	26.58	26.87	26.64	26.00	30.00	Pass
30KHz	30MHz	MCH	DFT-16QAM	26.55	26.54	26.65	25.78	30.00	Pass
30KHz	30MHz	MCH	DFT-64QAM	25.19	25.56	25.21	24.69	30.00	Pass
30KHz	30MHz	MCH	DFT-256QAM	23.11	23.58	23.20	22.71	30.00	Pass
30KHz	30MHz	MCH	CP-QPSK	26.24	26.58	26.25	25.71	30.00	Pass
30KHz	30MHz	HCH	DFT-Pi2BPSK	26.77	26.58	26.60	25.90	30.00	Pass
30KHz	30MHz	HCH	DFT-QPSK	26.66	26.60	26.58	25.79	30.00	Pass
30KHz	30MHz	HCH	DFT-16QAM	26.79	26.61	26.62	25.92	30.00	Pass
30KHz	30MHz	HCH	DFT-64QAM	25.34	25.21	25.21	24.47	30.00	Pass
30KHz	30MHz	HCH	DFT-256QAM	23.29	23.21	23.20	22.42	30.00	Pass
30KHz	30MHz	HCH	CP-QPSK	26.39	26.29	26.18	25.52	30.00	Pass
30KHz	40MHz	LCH	DFT-Pi2BPSK	26.36	26.62	26.21	25.75	30.00	Pass
30KHz	40MHz	LCH	DFT-QPSK	26.27	26.56	26.32	25.69	30.00	Pass
30KHz	40MHz	LCH	DFT-16QAM	26.33	26.59	26.20	25.72	30.00	Pass
30KHz	40MHz	LCH	DFT-64QAM	24.97	25.33	24.81	24.46	30.00	Pass
30KHz	40MHz	LCH	DFT-256QAM	22.98	23.17	22.84	22.30	30.00	Pass
30KHz	40MHz	LCH	CP-QPSK	26.07	26.26	25.80	25.39	30.00	Pass
30KHz	40MHz	MCH	DFT-Pi2BPSK	26.73	26.73	26.63	25.86	30.00	Pass
30KHz	40MHz	MCH	DFT-QPSK	26.68	26.64	26.69	25.82	30.00	Pass
30KHz	40MHz	MCH	DFT-16QAM	26.71	26.73	26.70	25.86	30.00	Pass
30KHz	40MHz	MCH	DFT-64QAM	25.45	25.68	25.20	24.81	30.00	Pass
30KHz	40MHz	MCH	DFT-256QAM	23.35	23.73	23.37	22.86	30.00	Pass
30KHz	40MHz	MCH	CP-QPSK	26.27	26.67	26.31	25.80	30.00	Pass
30KHz	40MHz	HCH	DFT-Pi2BPSK	26.89	26.70	26.76	26.02	30.00	Pass
30KHz	40MHz	HCH	DFT-QPSK	26.73	26.74	26.65	25.87	30.00	Pass
30KHz	40MHz	HCH	DFT-16QAM	26.85	26.80	26.65	25.98	30.00	Pass
30KHz	40MHz	HCH	DFT-64QAM	25.63	25.44	25.27	24.76	30.00	Pass
30KHz	40MHz	HCH	DFT-256QAM	23.61	23.39	23.35	22.74	30.00	Pass
30KHz	40MHz	HCH	CP-QPSK	26.49	26.40	26.31	25.62	30.00	Pass
30KHz	50MHz	LCH	DFT-Pi2BPSK	25.86	26.27	26.12	25.40	30.00	Pass
30KHz	50MHz	LCH	DFT-QPSK	25.87	26.23	26.11	25.36	30.00	Pass
30KHz	50MHz	LCH	DFT-16QAM	25.90	26.26	26.04	25.39	30.00	Pass
30KHz	50MHz	LCH	DFT-64QAM	24.49	24.88	24.70	24.01	30.00	Pass
30KHz	50MHz	LCH	DFT-256QAM	22.46	22.83	22.78	21.96	30.00	Pass
30KHz	50MHz	LCH	CP-QPSK	25.45	25.90	25.74	25.03	30.00	Pass
30KHz	50MHz	MCH	DFT-Pi2BPSK	26.39	26.80	26.58	25.93	30.00	Pass
30KHz	50MHz	MCH	DFT-QPSK	26.34	26.77	26.57	25.90	30.00	Pass
30KHz	50MHz	MCH	DFT-16QAM	26.33	26.72	26.51	25.85	30.00	Pass
30KHz	50MHz	MCH	DFT-64QAM	25.13	25.55	25.23	24.68	30.00	Pass
30KHz	50MHz	MCH	DFT-256QAM	23.09	23.35	23.17	22.48	30.00	Pass
30KHz	50MHz	MCH	CP-QPSK	26.08	26.44	26.15	25.57	30.00	Pass
30KHz	50MHz	HCH	DFT-Pi2BPSK	26.66	26.52	26.41	25.79	30.00	Pass
30KHz	50MHz	HCH	DFT-QPSK	26.62	26.44	26.44	25.75	30.00	Pass
30KHz	50MHz	HCH	DFT-16QAM	26.73	26.47	26.47	25.86	30.00	Pass
30KHz	50MHz	HCH	DFT-64QAM	25.29	25.08	25.03	24.42	30.00	Pass
30KHz	50MHz	HCH	DFT-256QAM	23.28	23.15	23.09	22.41	30.00	Pass
30KHz	50MHz	HCH	CP-QPSK	26.33	26.16	26.07	25.46	30.00	Pass
30KHz	60MHz	LCH	DFT-Pi2BPSK	25.84	26.28	26.19	25.41	30.00	Pass
30KHz	60MHz	LCH	DFT-QPSK	25.77	26.23	26.04	25.36	30.00	Pass
30KHz	60MHz	LCH	DFT-16QAM	25.83	26.17	26.09	25.30	30.00	Pass
30KHz	60MHz	LCH	DFT-64QAM	24.44	24.86	24.69	23.99	30.00	Pass
30KHz	60MHz	LCH	DFT-256QAM	22.48	22.87	22.74	22.00	30.00	Pass
30KHz	60MHz	LCH	CP-QPSK	25.44	25.87	25.72	25.00	30.00	Pass
30KHz	60MHz	MCH	DFT-Pi2BPSK	26.43	26.79	26.51	25.92	30.00	Pass
30KHz	60MHz	MCH	DFT-QPSK	26.39	26.69	26.58	25.82	30.00	Pass
30KHz	60MHz	MCH	DFT-16QAM	26.42	26.74	26.57	25.87	30.00	Pass
30KHz	60MHz	MCH	DFT-64QAM	25.04	25.37	25.20	24.50	30.00	Pass
30KHz	60MHz	MCH	DFT-256QAM	23.08	23.32	23.23	22.45	30.00	Pass
30KHz	60MHz	MCH	CP-QPSK	26.21	26.27	26.22	25.40	30.00	Pass

30KHz	60MHz	HCH	DFT-Pi2BPSK	26.77	26.44	26.52	25.90	30.00	Pass
30KHz	60MHz	HCH	DFT-QPSK	26.70	26.42	26.47	25.83	30.00	Pass
30KHz	60MHz	HCH	DFT-16QAM	26.78	26.37	26.55	25.91	30.00	Pass
30KHz	60MHz	HCH	DFT-64QAM	25.48	25.15	25.13	24.61	30.00	Pass
30KHz	60MHz	HCH	DFT-256QAM	23.35	23.14	23.21	22.48	30.00	Pass
30KHz	60MHz	HCH	CP-QPSK	26.49	26.07	26.18	25.62	30.00	Pass
30KHz	70MHz	LCH	DFT-Pi2BPSK	25.88	26.25	26.11	25.38	30.00	Pass
30KHz	70MHz	LCH	DFT-QPSK	25.78	26.18	26.08	25.31	30.00	Pass
30KHz	70MHz	LCH	DFT-16QAM	25.83	26.23	26.09	25.36	30.00	Pass
30KHz	70MHz	LCH	DFT-64QAM	24.47	24.79	24.69	23.92	30.00	Pass
30KHz	70MHz	LCH	DFT-256QAM	22.43	22.80	22.73	21.93	30.00	Pass
30KHz	70MHz	LCH	CP-QPSK	25.49	25.76	25.75	24.89	30.00	Pass
30KHz	70MHz	MCH	DFT-Pi2BPSK	26.35	26.50	26.46	25.63	30.00	Pass
30KHz	70MHz	MCH	DFT-QPSK	26.39	26.51	26.43	25.64	30.00	Pass
30KHz	70MHz	MCH	DFT-16QAM	26.27	26.41	26.37	25.54	30.00	Pass
30KHz	70MHz	MCH	DFT-64QAM	25.00	25.15	25.00	24.28	30.00	Pass
30KHz	70MHz	MCH	DFT-256QAM	22.99	23.20	22.98	22.33	30.00	Pass
30KHz	70MHz	MCH	CP-QPSK	26.04	26.13	26.01	25.26	30.00	Pass
30KHz	70MHz	HCH	DFT-Pi2BPSK	26.53	26.23	26.45	25.66	30.00	Pass
30KHz	70MHz	HCH	DFT-QPSK	26.51	26.25	26.53	25.66	30.00	Pass
30KHz	70MHz	HCH	DFT-16QAM	26.50	26.26	26.48	25.63	30.00	Pass
30KHz	70MHz	HCH	DFT-64QAM	25.27	25.02	25.06	24.40	30.00	Pass
30KHz	70MHz	HCH	DFT-256QAM	23.23	22.88	23.08	22.36	30.00	Pass
30KHz	70MHz	HCH	CP-QPSK	26.29	25.88	26.05	25.42	30.00	Pass
30KHz	80MHz	LCH	DFT-Pi2BPSK	25.69	26.41	26.04	25.54	30.00	Pass
30KHz	80MHz	LCH	DFT-QPSK	25.70	26.33	26.08	25.46	30.00	Pass
30KHz	80MHz	LCH	DFT-16QAM	25.75	26.47	26.18	25.60	30.00	Pass
30KHz	80MHz	LCH	DFT-64QAM	24.38	25.02	24.70	24.15	30.00	Pass
30KHz	80MHz	LCH	DFT-256QAM	22.35	23.05	22.78	22.18	30.00	Pass
30KHz	80MHz	LCH	CP-QPSK	25.44	26.10	25.71	25.23	30.00	Pass
30KHz	80MHz	MCH	DFT-Pi2BPSK	26.35	26.47	26.45	25.60	30.00	Pass
30KHz	80MHz	MCH	DFT-QPSK	26.21	26.39	26.41	25.54	30.00	Pass
30KHz	80MHz	MCH	DFT-16QAM	26.37	26.40	26.36	25.53	30.00	Pass
30KHz	80MHz	MCH	DFT-64QAM	24.90	25.05	25.05	24.18	30.00	Pass
30KHz	80MHz	MCH	DFT-256QAM	22.92	23.09	22.96	22.22	30.00	Pass
30KHz	80MHz	MCH	CP-QPSK	25.91	26.01	26.00	25.14	30.00	Pass
30KHz	80MHz	HCH	DFT-Pi2BPSK	26.16	26.17	26.42	25.55	30.00	Pass
30KHz	80MHz	HCH	DFT-QPSK	26.18	26.21	26.43	25.56	30.00	Pass
30KHz	80MHz	HCH	DFT-16QAM	26.16	26.27	26.47	25.60	30.00	Pass
30KHz	80MHz	HCH	DFT-64QAM	24.89	24.96	25.04	24.17	30.00	Pass
30KHz	80MHz	HCH	DFT-256QAM	22.81	22.87	23.02	22.15	30.00	Pass
30KHz	80MHz	HCH	CP-QPSK	25.95	25.84	26.05	25.18	30.00	Pass
30KHz	90MHz	LCH	DFT-Pi2BPSK	25.83	26.62	26.23	25.75	30.00	Pass
30KHz	90MHz	LCH	DFT-QPSK	25.79	26.52	26.29	25.65	30.00	Pass
30KHz	90MHz	LCH	DFT-16QAM	25.76	26.64	26.22	25.77	30.00	Pass
30KHz	90MHz	LCH	DFT-64QAM	24.42	25.25	24.85	24.38	30.00	Pass
30KHz	90MHz	LCH	DFT-256QAM	22.40	23.25	22.77	22.38	30.00	Pass
30KHz	90MHz	LCH	CP-QPSK	25.36	26.17	25.79	25.30	30.00	Pass
30KHz	90MHz	MCH	DFT-Pi2BPSK	26.31	26.46	26.45	25.59	30.00	Pass
30KHz	90MHz	MCH	DFT-QPSK	26.22	26.39	26.40	25.53	30.00	Pass
30KHz	90MHz	MCH	DFT-16QAM	26.27	26.45	26.43	25.58	30.00	Pass
30KHz	90MHz	MCH	DFT-64QAM	24.99	25.08	24.99	24.21	30.00	Pass
30KHz	90MHz	MCH	DFT-256QAM	22.86	23.08	22.93	22.21	30.00	Pass
30KHz	90MHz	MCH	CP-QPSK	26.15	26.04	26.02	25.28	30.00	Pass
30KHz	90MHz	HCH	DFT-Pi2BPSK	26.10	26.30	26.50	25.63	30.00	Pass
30KHz	90MHz	HCH	DFT-QPSK	26.09	26.22	26.43	25.56	30.00	Pass
30KHz	90MHz	HCH	DFT-16QAM	25.95	26.21	26.45	25.58	30.00	Pass
30KHz	90MHz	HCH	DFT-64QAM	24.76	24.97	25.14	24.27	30.00	Pass
30KHz	90MHz	HCH	DFT-256QAM	22.74	22.94	23.07	22.20	30.00	Pass
30KHz	90MHz	HCH	CP-QPSK	25.74	25.84	26.04	25.17	30.00	Pass
30KHz	100MHz	LCH	DFT-Pi2BPSK	25.70	26.54	26.15	25.67	30.00	Pass
30KHz	100MHz	LCH	DFT-QPSK	25.68	26.59	26.20	25.72	30.00	Pass

30KHz	100MHz	LCH	DFT-16QAM	25.78	26.60	26.15	25.73	30.00	Pass
30KHz	100MHz	LCH	DFT-64QAM	24.34	25.33	24.77	24.46	30.00	Pass
30KHz	100MHz	LCH	DFT-256QAM	22.33	23.26	22.80	22.39	30.00	Pass
30KHz	100MHz	LCH	CP-QPSK	25.35	26.17	25.76	25.30	30.00	Pass
30KHz	100MHz	MCH	DFT-Pi2BPSK	26.31	26.49	26.44	25.62	30.00	Pass
30KHz	100MHz	MCH	DFT-QPSK	26.29	26.46	26.40	25.59	30.00	Pass
30KHz	100MHz	MCH	DFT-16QAM	26.14	26.48	26.46	25.61	30.00	Pass
30KHz	100MHz	MCH	DFT-64QAM	24.87	25.13	25.05	24.26	30.00	Pass
30KHz	100MHz	MCH	DFT-256QAM	22.93	23.11	22.98	22.24	30.00	Pass
30KHz	100MHz	MCH	CP-QPSK	25.97	26.16	26.03	25.29	30.00	Pass
30KHz	100MHz	HCH	DFT-Pi2BPSK	26.17	26.29	26.47	25.60	30.00	Pass
30KHz	100MHz	HCH	DFT-QPSK	26.10	26.36	26.49	25.62	30.00	Pass
30KHz	100MHz	HCH	DFT-16QAM	26.13	26.42	26.52	25.65	30.00	Pass
30KHz	100MHz	HCH	DFT-64QAM	24.93	25.10	25.02	24.23	30.00	Pass
30KHz	100MHz	HCH	DFT-256QAM	22.86	23.02	23.06	22.19	30.00	Pass
30KHz	100MHz	HCH	CP-QPSK	25.91	25.96	26.08	25.21	30.00	Pass

2. Peak-to-Average Ratio

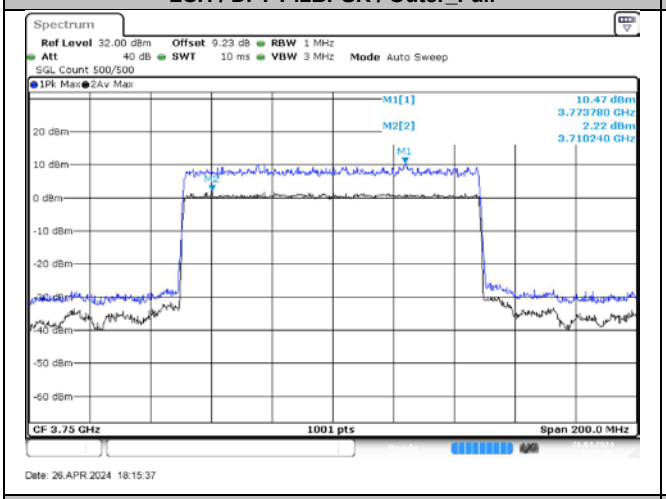
2.1. Test Results

SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
30KHz	100MHz	LCH	Outer_Full	8.25	7.80	13.00	Pass
30KHz	100MHz	MCH	Outer_Full	8.29	8.28	13.00	Pass
30KHz	100MHz	HCH	Outer_Full	7.63	8.46	13.00	Pass

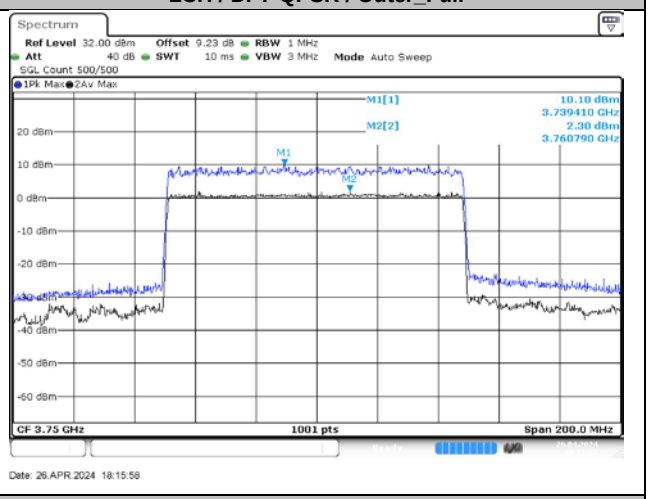
2.2. Test Plots

n77A / 30KHz / 100MHz

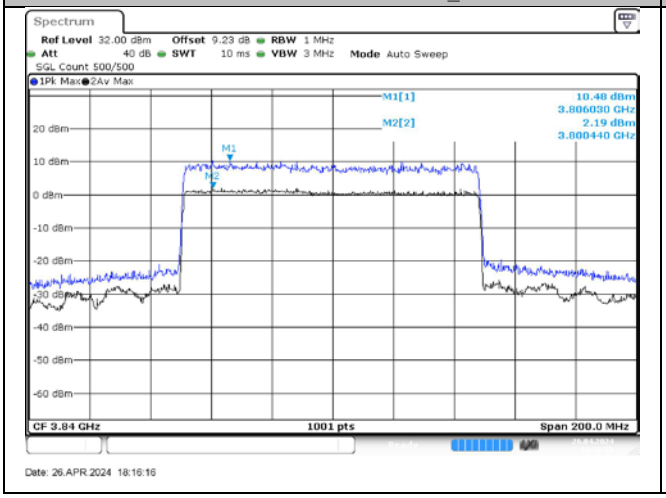
LCH / DFT-Pi2BPSK / Outer_Full



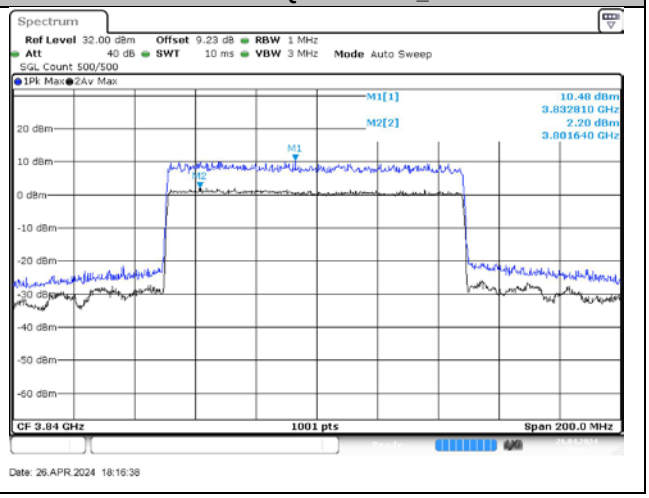
LCH / DFT-QPSK / Outer_Full

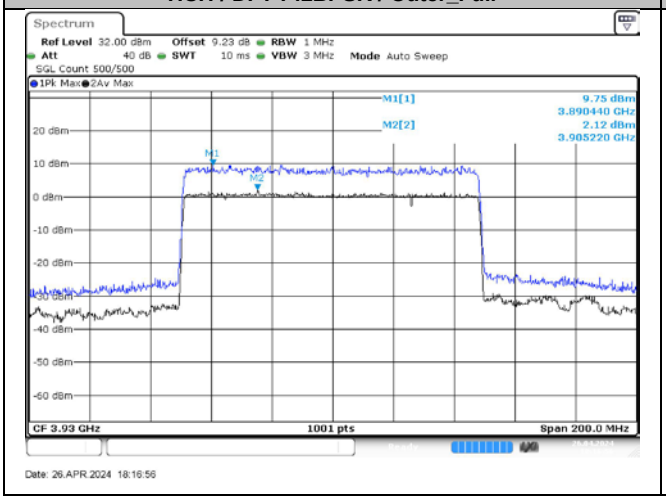
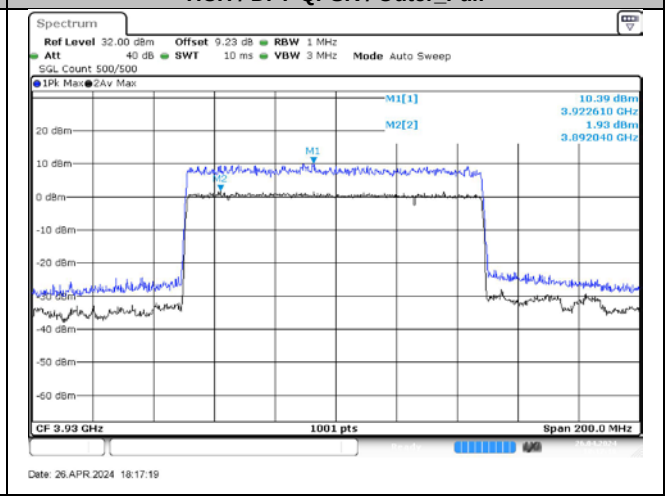


MCH / DFT-Pi2BPSK / Outer_Full



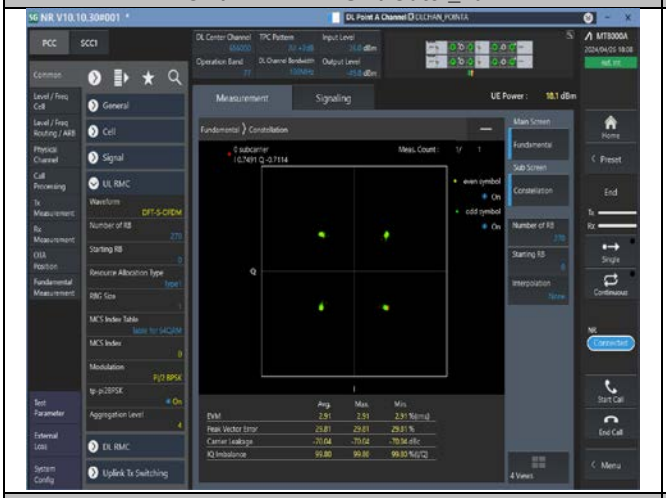
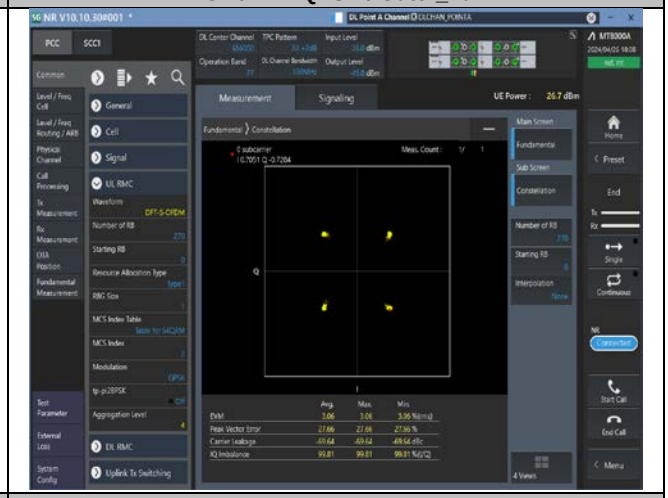
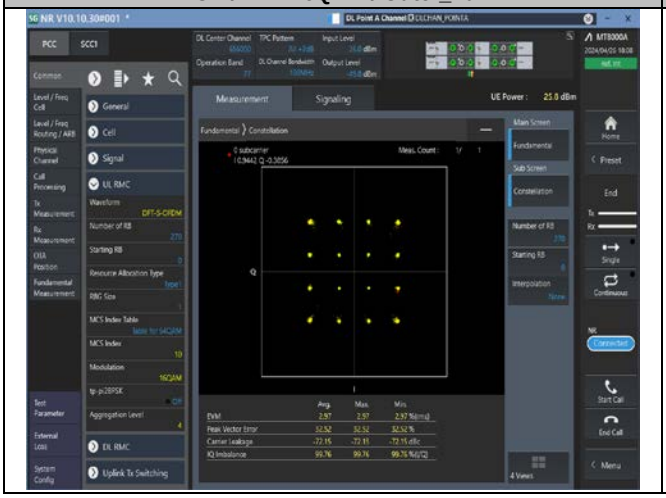
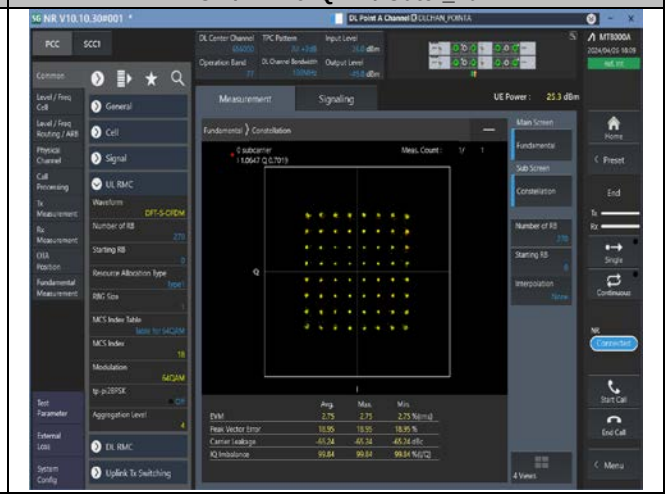
MCH / DFT-QPSK / Outer_Full



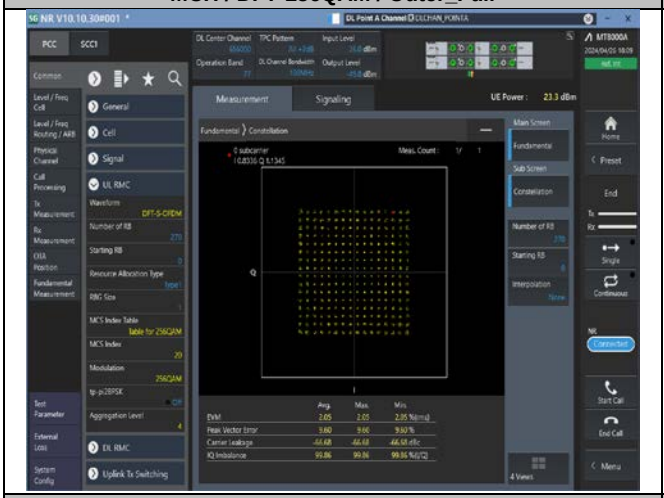
HCH / DFT-Pi2BPSK / Outer_Full	HCH / DFT-QPSK / Outer_Full
	

3. Modulation Characteristics

3.1. Test Plots

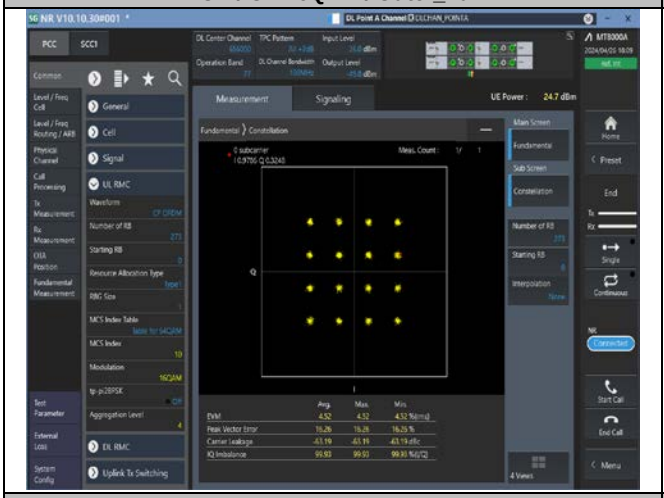
n77A / 30KHz / 100MHz	
MCH / DFT-Pi2BPSK / Outer_Full	MCH / DFT-QPSK / Outer_Full
	
MCH / DFT-16QAM / Outer_Full	MCH / DFT-64QAM / Outer_Full
	

MCH / DFT-256QAM / Outer_Full

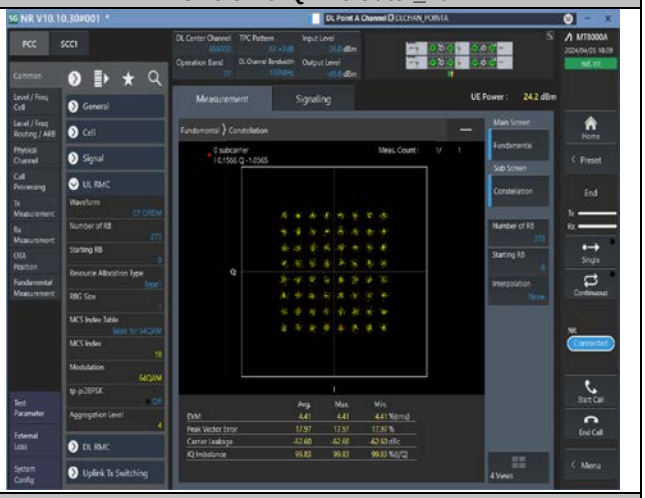


MCH / CP-QPSK / Outer_Full

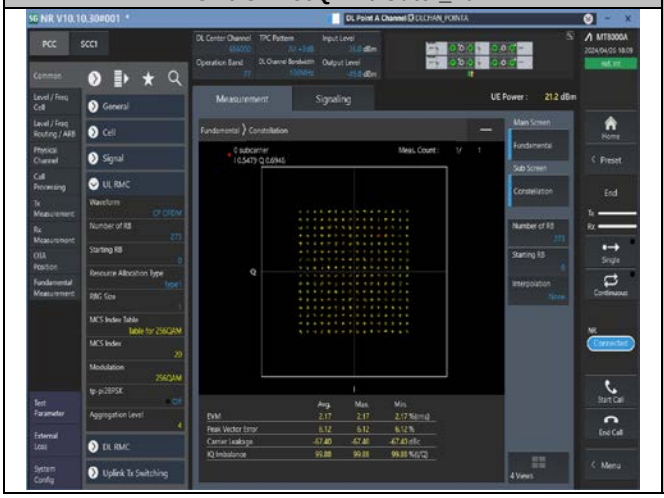
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full



MCH / CP-256QAM / Outer_Full



Intentionally Blank

4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

4.1. Test Results

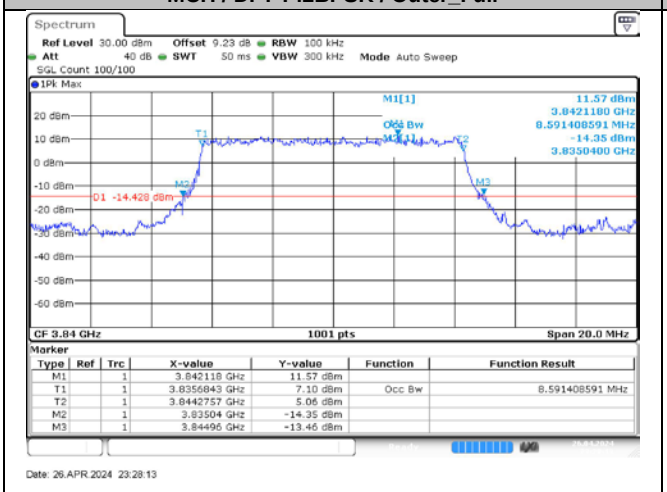
SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
30KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.59	9.92	Pass
30KHz	10MHz	DFT-QPSK	Outer_Full	8.61	9.76	Pass
30KHz	10MHz	CP-QPSK	Outer_Full	8.59	10.12	Pass
30KHz	10MHz	CP-16QAM	Outer_Full	8.61	10.04	Pass

30KHz	10MHz	CP-64QAM	Outer_Full	8.61	9.90	Pass
30KHz	10MHz	CP-256QAM	Outer_Full	8.57	9.78	Pass
30KHz	15MHz	DFT-Pi2BPSK	Outer_Full	12.89	14.43	Pass
30KHz	15MHz	DFT-QPSK	Outer_Full	12.92	14.64	Pass
30KHz	15MHz	CP-QPSK	Outer_Full	13.61	15.21	Pass
30KHz	15MHz	CP-16QAM	Outer_Full	13.67	15.96	Pass
30KHz	15MHz	CP-64QAM	Outer_Full	13.64	15.51	Pass
30KHz	15MHz	CP-256QAM	Outer_Full	13.61	15.21	Pass
30KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.86	19.16	Pass
30KHz	20MHz	DFT-QPSK	Outer_Full	17.86	19.44	Pass
30KHz	20MHz	CP-QPSK	Outer_Full	18.18	20.64	Pass
30KHz	20MHz	CP-16QAM	Outer_Full	18.26	19.84	Pass
30KHz	20MHz	CP-64QAM	Outer_Full	18.26	19.76	Pass
30KHz	20MHz	CP-256QAM	Outer_Full	18.22	19.84	Pass
30KHz	30MHz	DFT-Pi2BPSK	Outer_Full	26.85	28.62	Pass
30KHz	30MHz	DFT-QPSK	Outer_Full	26.85	28.68	Pass
30KHz	30MHz	CP-QPSK	Outer_Full	27.87	29.94	Pass
30KHz	30MHz	CP-16QAM	Outer_Full	27.93	29.82	Pass
30KHz	30MHz	CP-64QAM	Outer_Full	27.93	29.70	Pass
30KHz	30MHz	CP-256QAM	Outer_Full	27.87	29.76	Pass
30KHz	40MHz	DFT-Pi2BPSK	Outer_Full	35.72	37.76	Pass
30KHz	40MHz	DFT-QPSK	Outer_Full	35.72	38.00	Pass
30KHz	40MHz	CP-QPSK	Outer_Full	37.96	40.08	Pass
30KHz	40MHz	CP-16QAM	Outer_Full	37.88	40.16	Pass
30KHz	40MHz	CP-64QAM	Outer_Full	37.88	40.16	Pass
30KHz	40MHz	CP-256QAM	Outer_Full	37.88	40.16	Pass
30KHz	50MHz	DFT-Pi2BPSK	Outer_Full	45.75	48.10	Pass
30KHz	50MHz	DFT-QPSK	Outer_Full	45.65	47.90	Pass
30KHz	50MHz	CP-QPSK	Outer_Full	47.45	49.90	Pass
30KHz	50MHz	CP-16QAM	Outer_Full	47.55	49.70	Pass
30KHz	50MHz	CP-64QAM	Outer_Full	47.55	49.90	Pass
30KHz	50MHz	CP-256QAM	Outer_Full	47.45	49.70	Pass
30KHz	60MHz	DFT-Pi2BPSK	Outer_Full	57.78	60.24	Pass
30KHz	60MHz	DFT-QPSK	Outer_Full	57.78	60.60	Pass
30KHz	60MHz	CP-QPSK	Outer_Full	57.78	60.24	Pass
30KHz	60MHz	CP-16QAM	Outer_Full	57.78	60.24	Pass
30KHz	60MHz	CP-64QAM	Outer_Full	57.78	60.12	Pass
30KHz	60MHz	CP-256QAM	Outer_Full	57.78	60.12	Pass
30KHz	70MHz	DFT-Pi2BPSK	Outer_Full	64.34	66.78	Pass
30KHz	70MHz	DFT-QPSK	Outer_Full	64.20	66.50	Pass
30KHz	70MHz	CP-QPSK	Outer_Full	67.55	69.86	Pass
30KHz	70MHz	CP-16QAM	Outer_Full	67.55	72.38	Pass
30KHz	70MHz	CP-64QAM	Outer_Full	67.41	69.86	Pass
30KHz	70MHz	CP-256QAM	Outer_Full	67.55	70.00	Pass
30KHz	80MHz	DFT-Pi2BPSK	Outer_Full	77.04	80.48	Pass
30KHz	80MHz	DFT-QPSK	Outer_Full	77.20	80.48	Pass
30KHz	80MHz	CP-QPSK	Outer_Full	77.52	80.80	Pass
30KHz	80MHz	CP-16QAM	Outer_Full	77.68	80.96	Pass
30KHz	80MHz	CP-64QAM	Outer_Full	77.36	80.48	Pass
30KHz	80MHz	CP-256QAM	Outer_Full	77.52	80.80	Pass
30KHz	90MHz	DFT-Pi2BPSK	Outer_Full	86.67	90.00	Pass
30KHz	90MHz	DFT-QPSK	Outer_Full	86.67	90.36	Pass
30KHz	90MHz	CP-QPSK	Outer_Full	87.39	90.72	Pass
30KHz	90MHz	CP-16QAM	Outer_Full	87.39	91.08	Pass
30KHz	90MHz	CP-64QAM	Outer_Full	87.39	90.90	Pass
30KHz	90MHz	CP-256QAM	Outer_Full	87.57	90.90	Pass
30KHz	100MHz	DFT-Pi2BPSK	Outer_Full	96.30	99.80	Pass
30KHz	100MHz	DFT-QPSK	Outer_Full	96.30	99.80	Pass
30KHz	100MHz	CP-QPSK	Outer_Full	97.50	101.00	Pass
30KHz	100MHz	CP-16QAM	Outer_Full	97.50	101.20	Pass
30KHz	100MHz	CP-64QAM	Outer_Full	97.50	101.00	Pass
30KHz	100MHz	CP-256QAM	Outer_Full	97.30	101.20	Pass

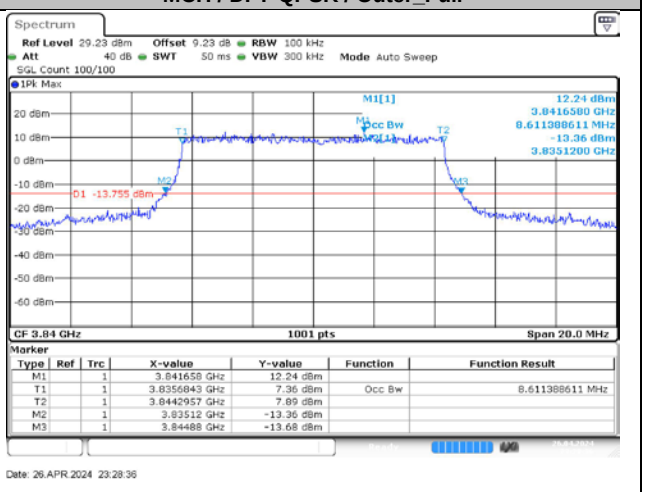
4.2. Test Plots

n77A / 30KHz / 10MHz

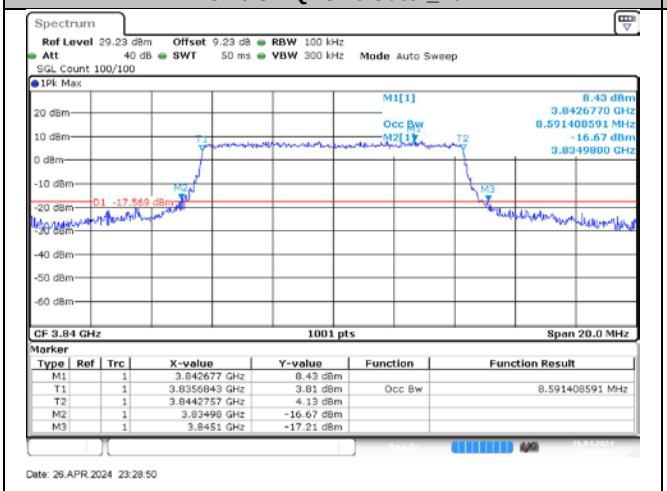
MCH / DFT-Pi2BPSK / Outer_Full



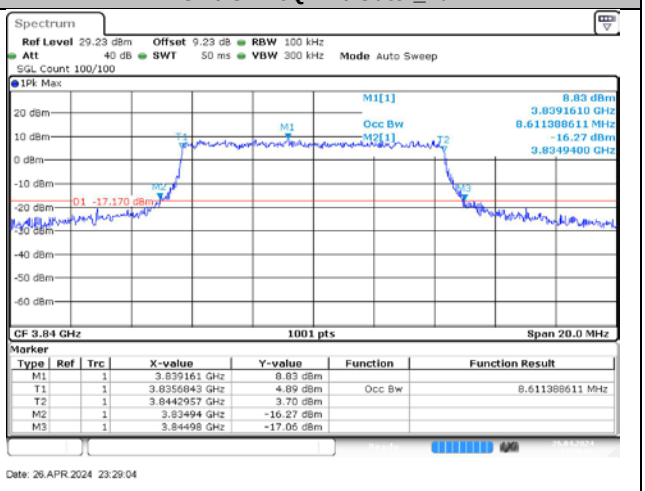
MCH / DFT-QPSK / Outer_Full



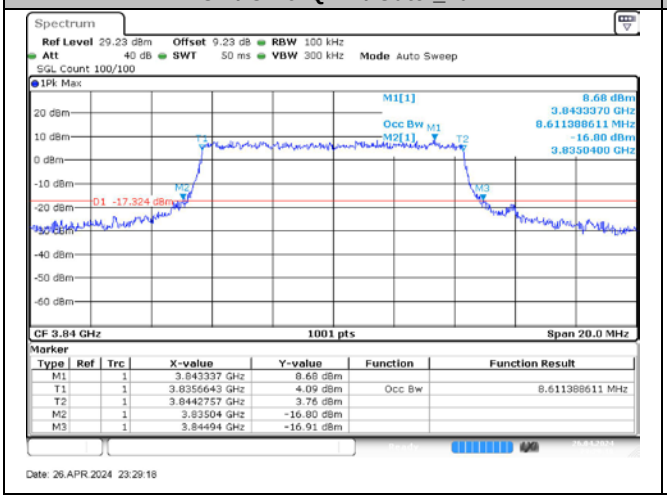
MCH / CP-QPSK / Outer_Full



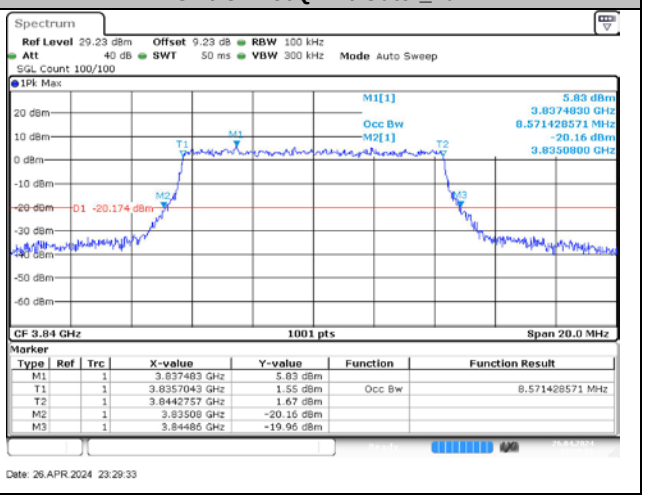
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

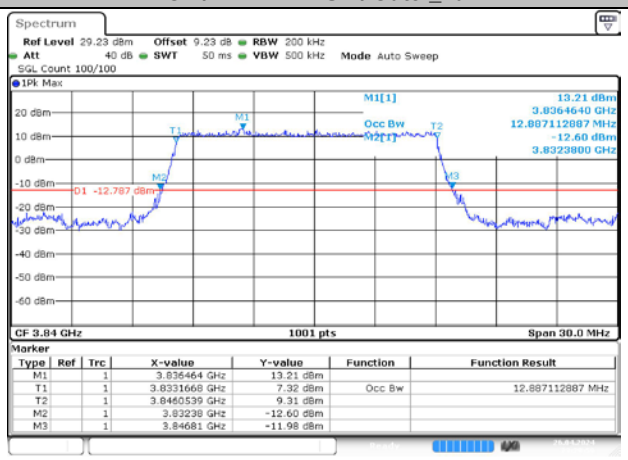


MCH / CP-256QAM / Outer_Full

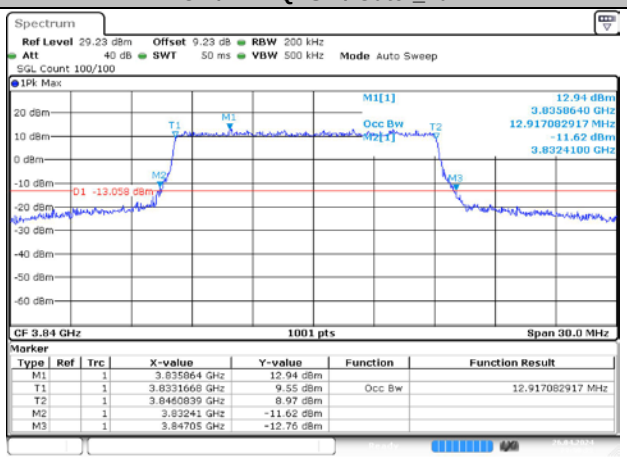


n77A / 30KHz / 15MHz

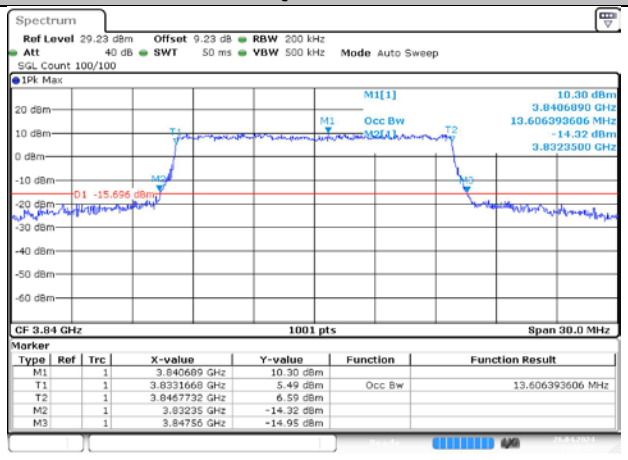
MCH / DFT-Pi2BPSK / Outer_Full



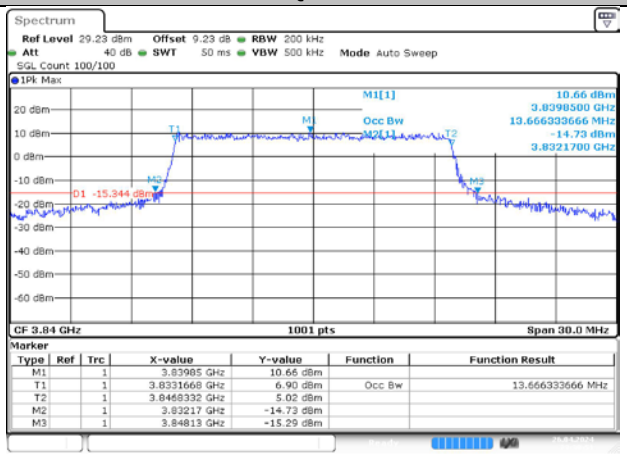
MCH / DFT-QPSK / Outer_Full



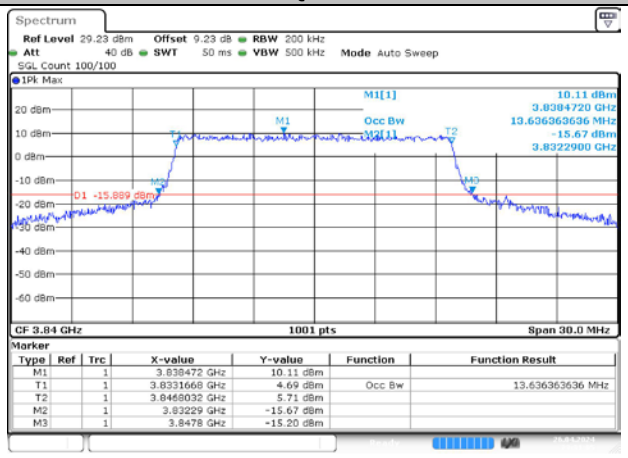
MCH / CP-QPSK / Outer_Full



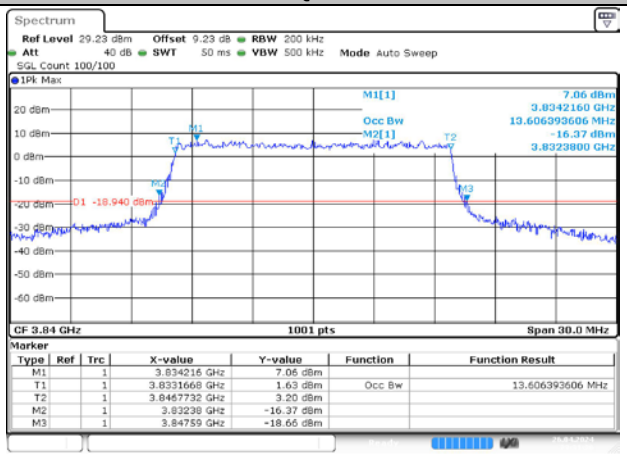
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

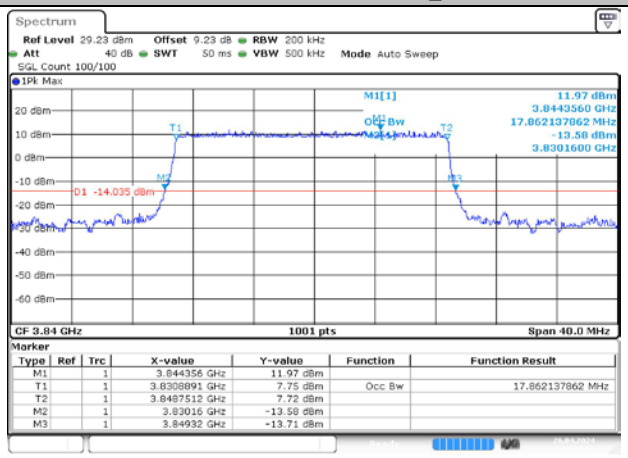


MCH / CP-256QAM / Outer_Full

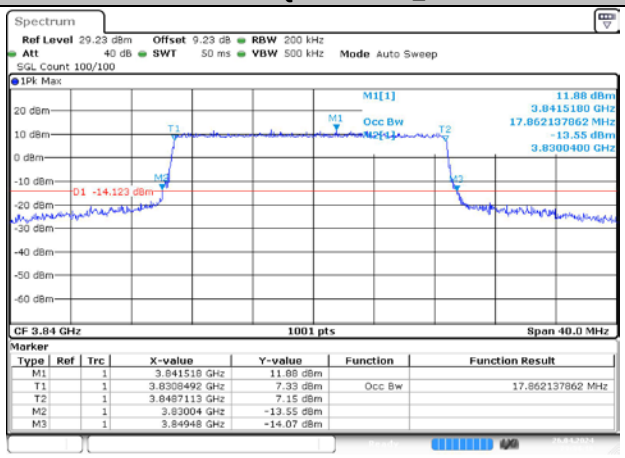


n77A / 30KHz / 20MHz

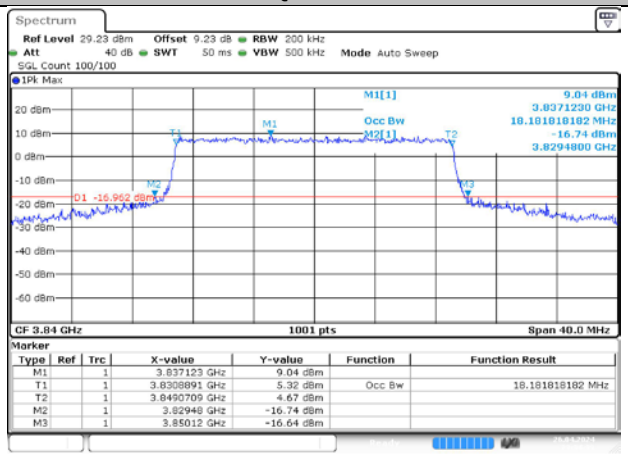
MCH / DFT-Pi2BPSK / Outer_Full



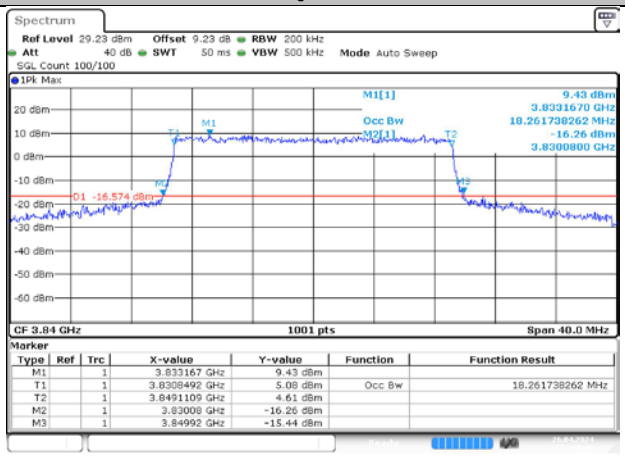
MCH / DFT-QPSK / Outer_Full



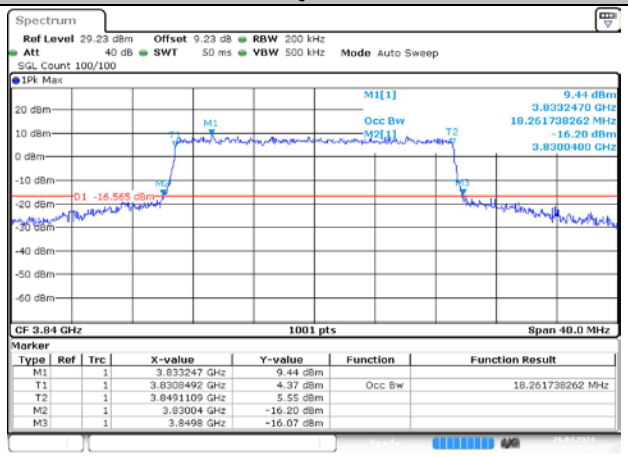
MCH / CP-QPSK / Outer_Full



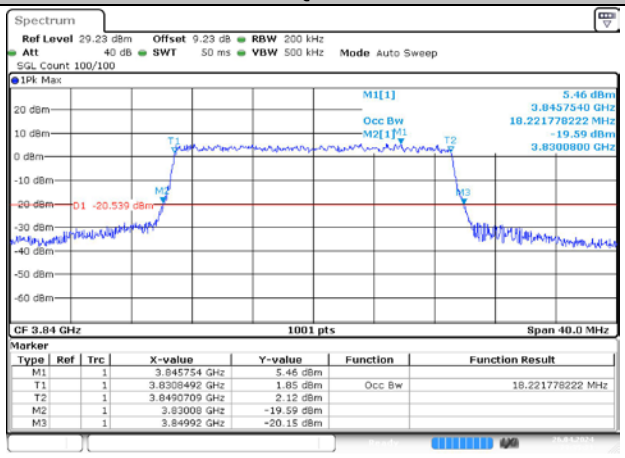
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

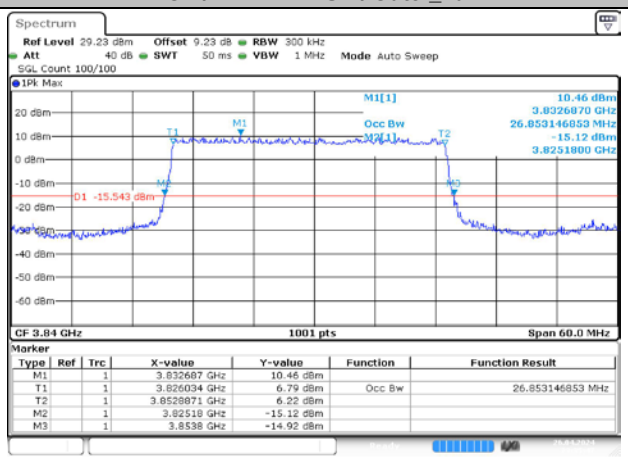


MCH / CP-256QAM / Outer_Full

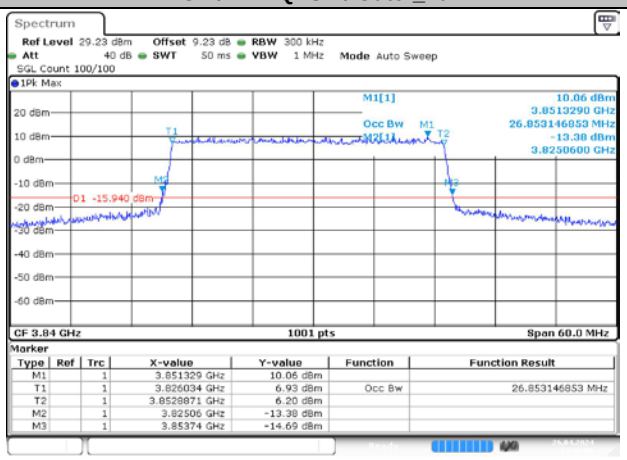


n77A / 30KHz / 30MHz

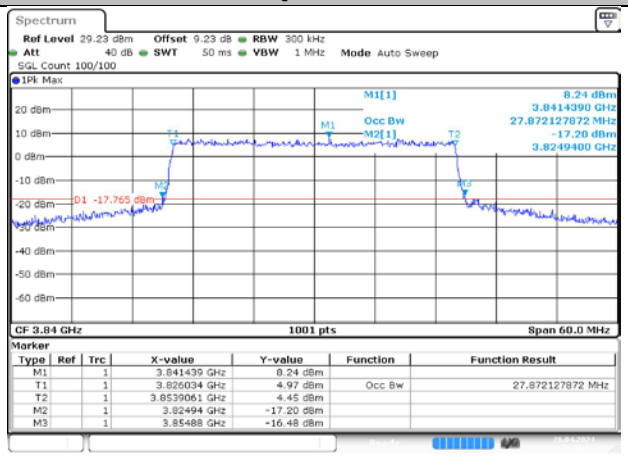
MCH / DFT-Pi2BPSK / Outer_Full



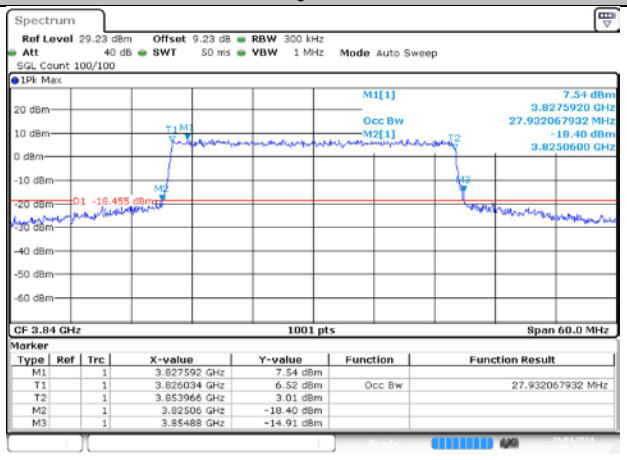
MCH / DFT-QPSK / Outer_Full



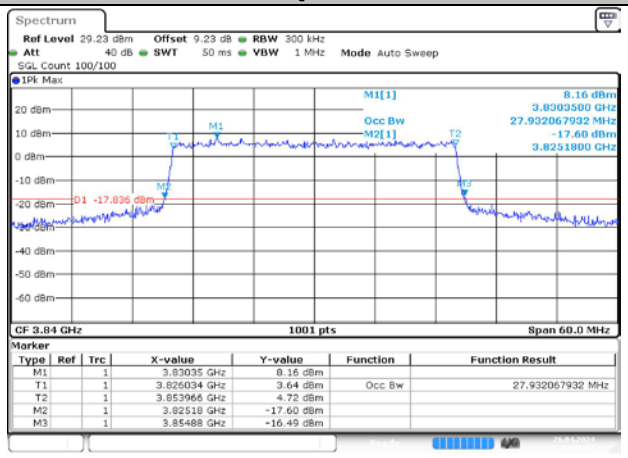
MCH / CP-QPSK / Outer_Full



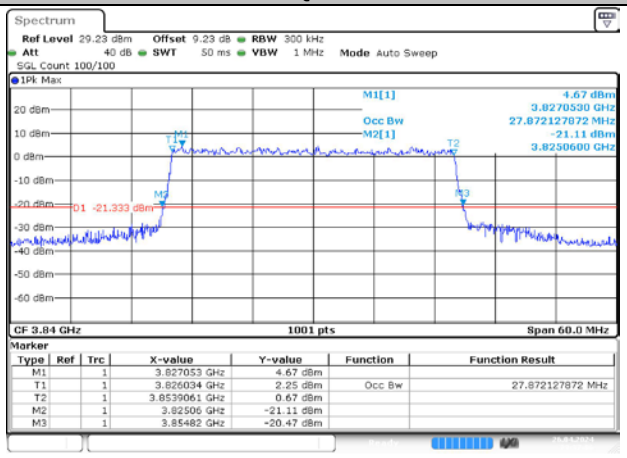
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

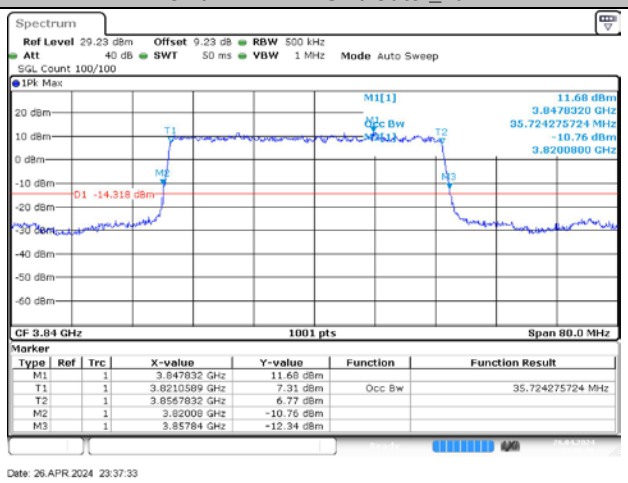


MCH / CP-256QAM / Outer_Full



n77A / 30KHz / 40MHz

MCH / DFT-Pi2BPSK / Outer_Full



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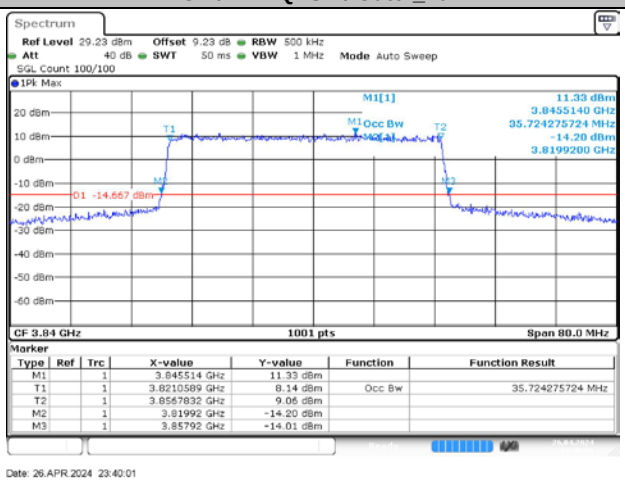
MCH / DFT-QPSK / Outer_Full



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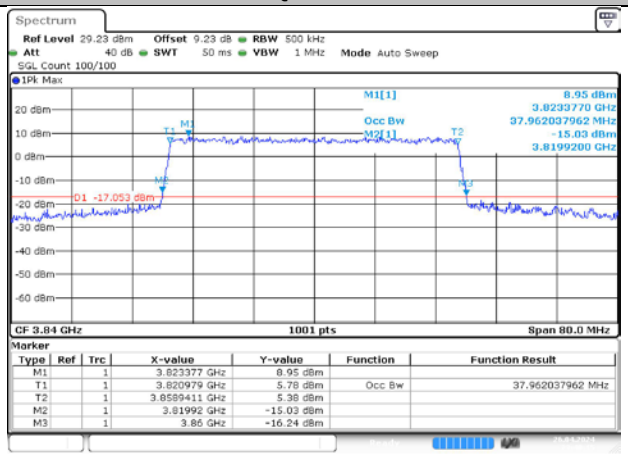
MCH / CP-QPSK / Outer_Full



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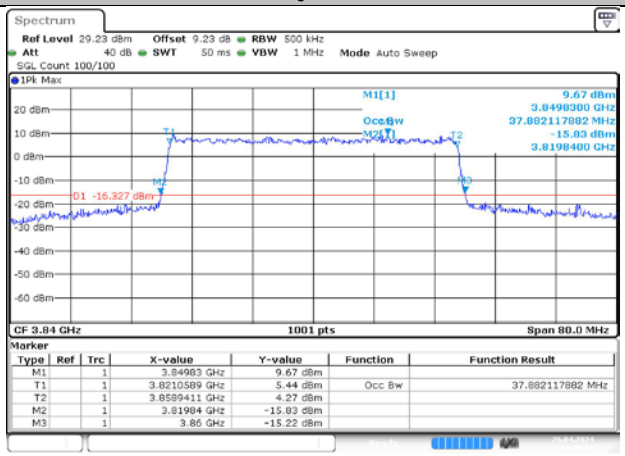
MCH / CP-16QAM / Outer_Full



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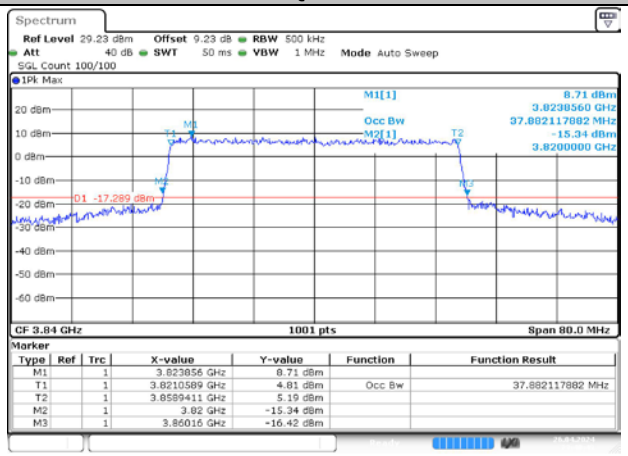
MCH / CP-64QAM / Outer_Full



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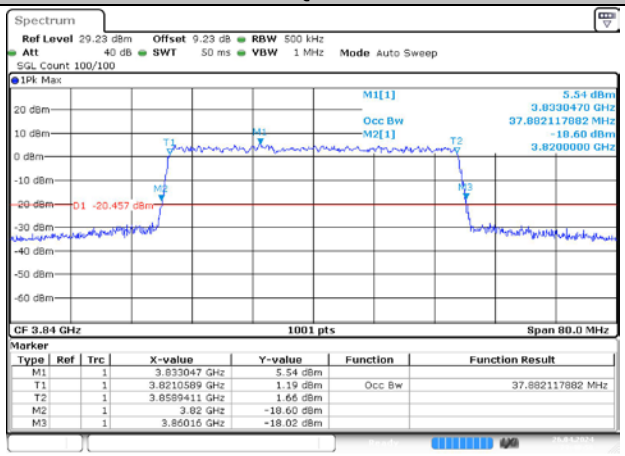
MCH / CP-256QAM / Outer_Full



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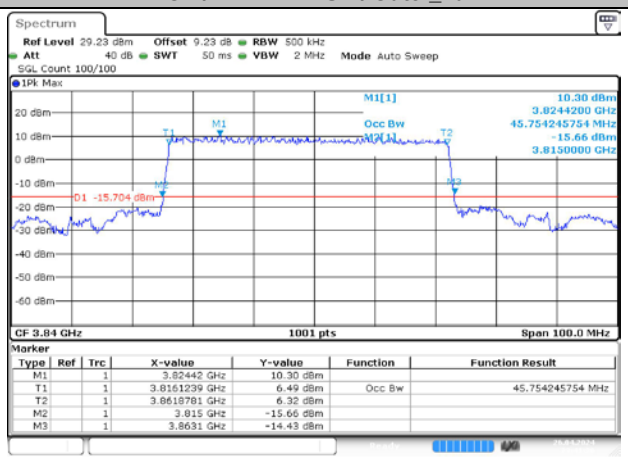
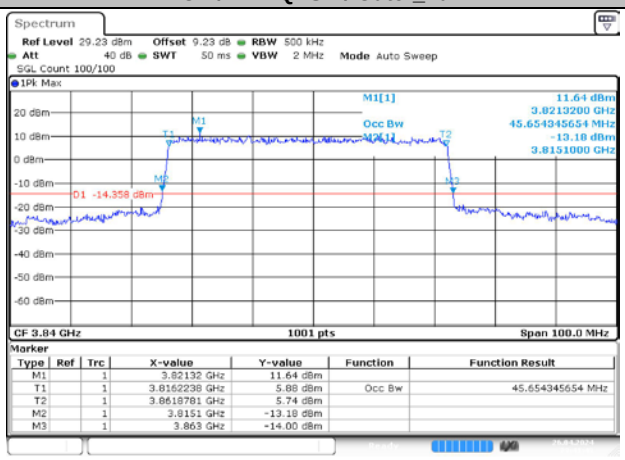
n77A / 30KHz / 50MHz

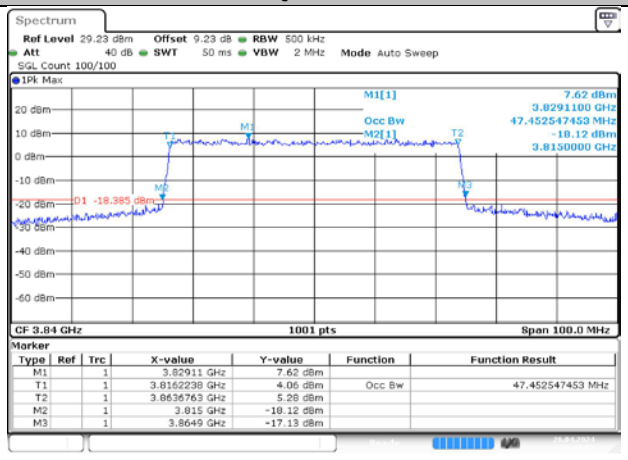
MCH / DFT-Pi2BPSK / Outer_Full



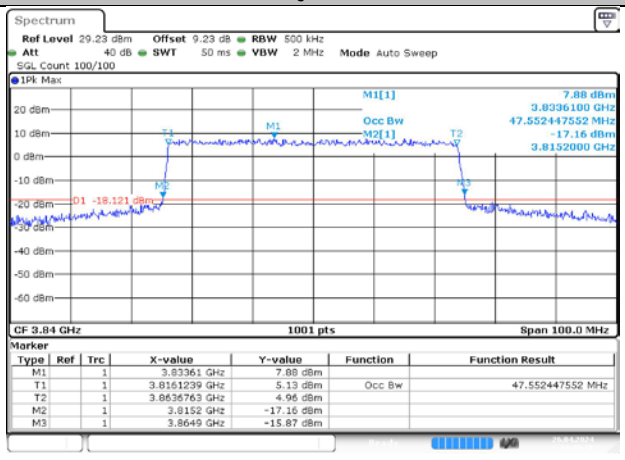
MCH / DFT-QPSK / Outer_Full



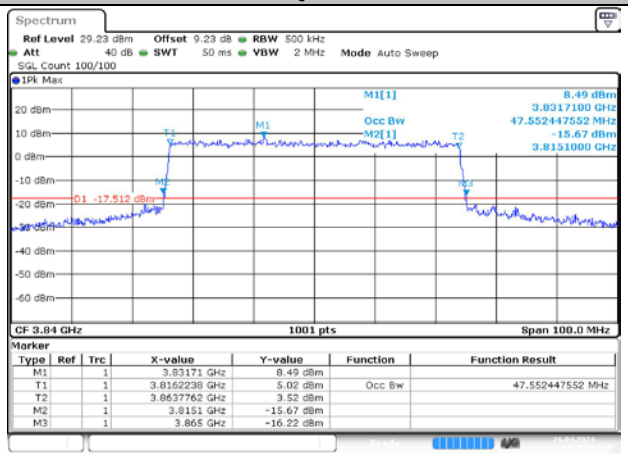
MCH / CP-QPSK / Outer_Full



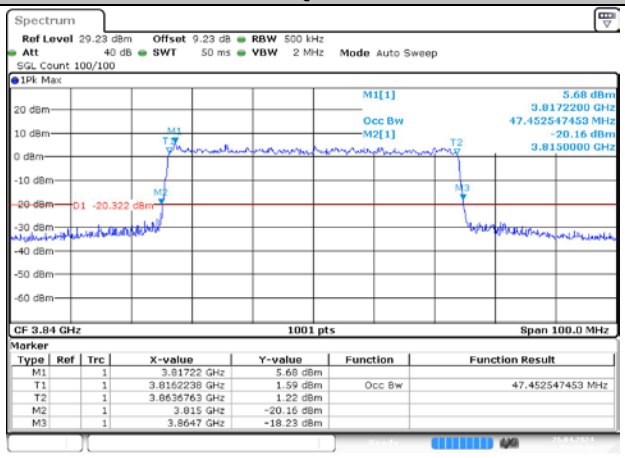
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

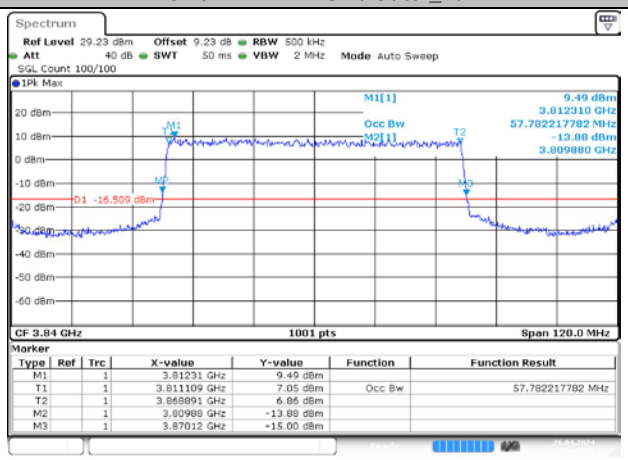


MCH / CP-256QAM / Outer_Full

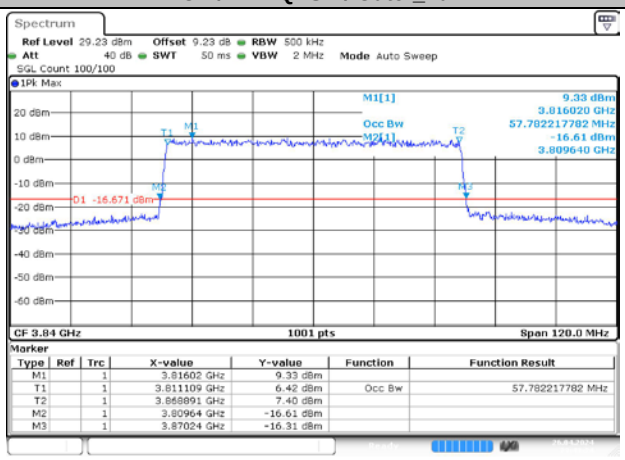


n77A / 30KHz / 60MHz

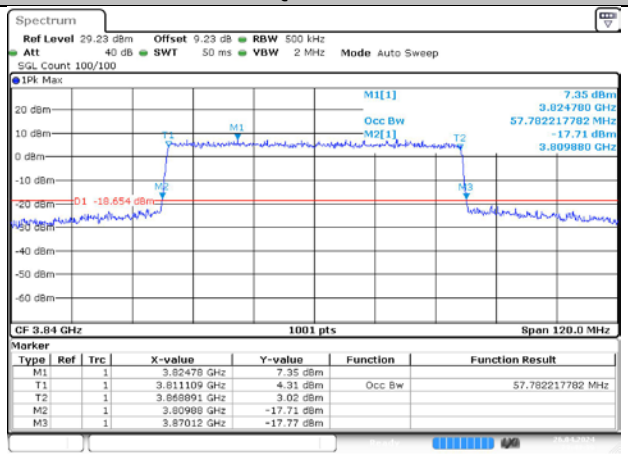
MCH / DFT-Pi2BPSK / Outer_Full



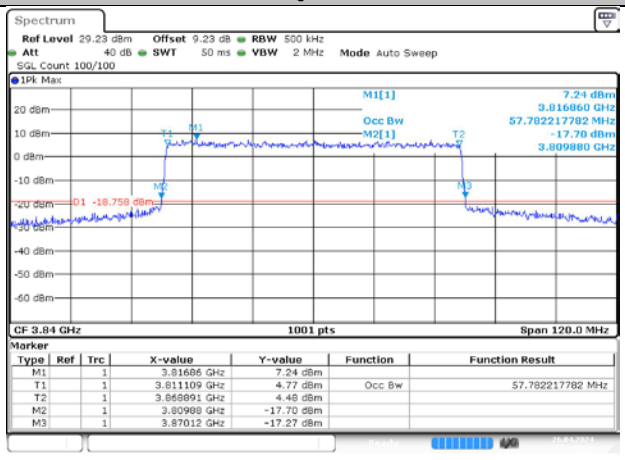
MCH / DFT-QPSK / Outer_Full



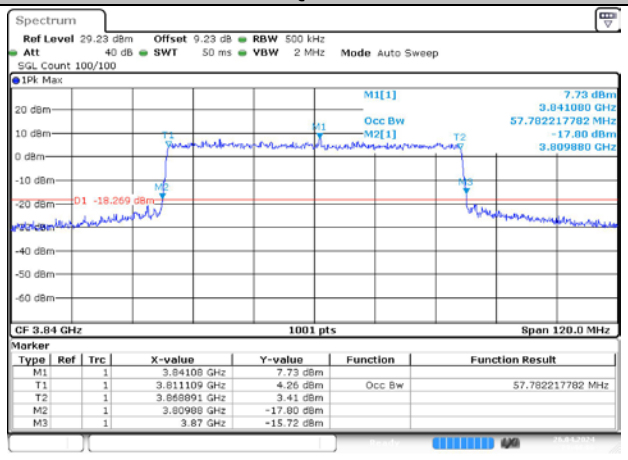
MCH / CP-QPSK / Outer_Full



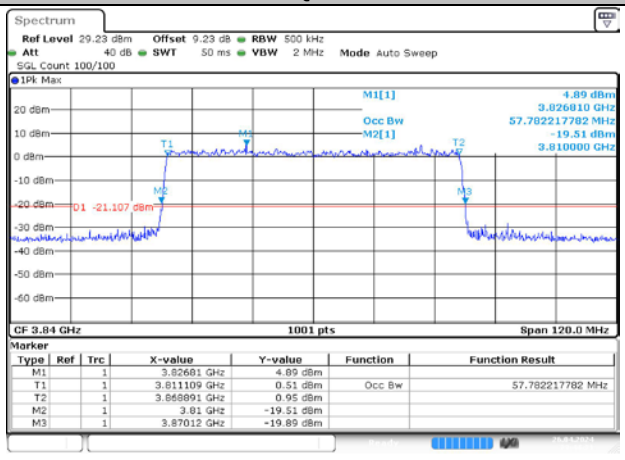
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

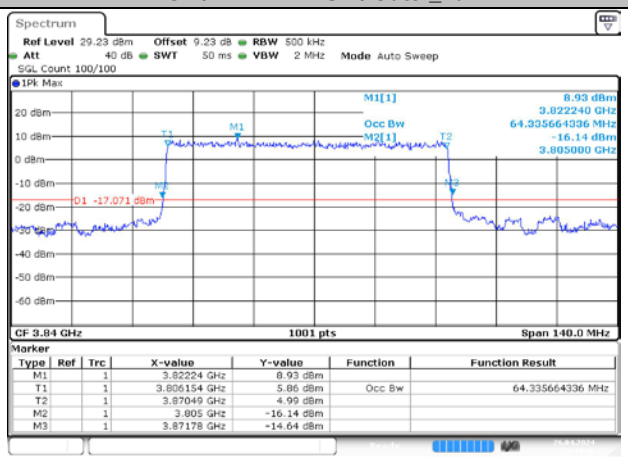


MCH / CP-256QAM / Outer_Full

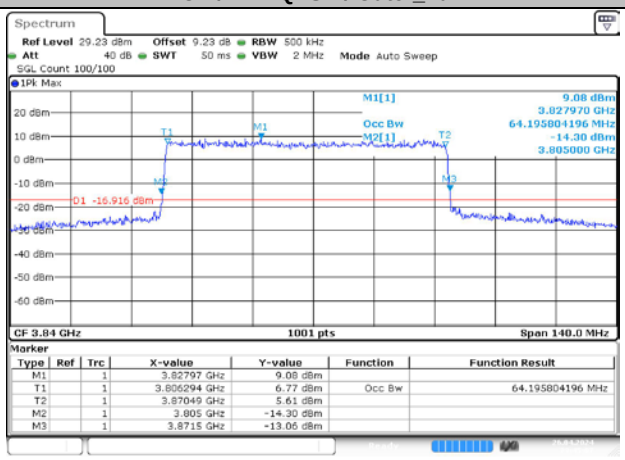


n77A / 30KHz / 70MHz

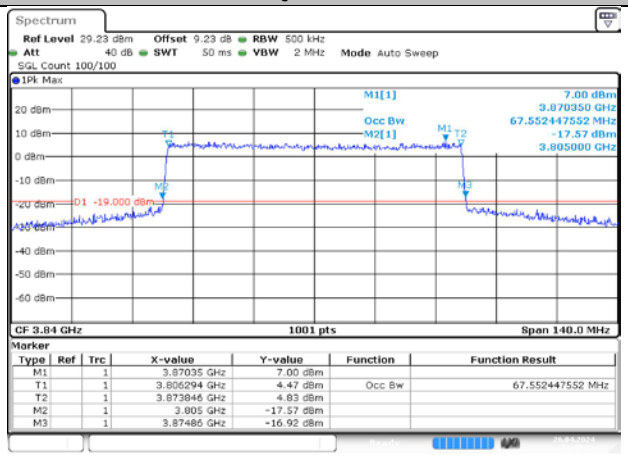
MCH / DFT-Pi2BPSK / Outer_Full



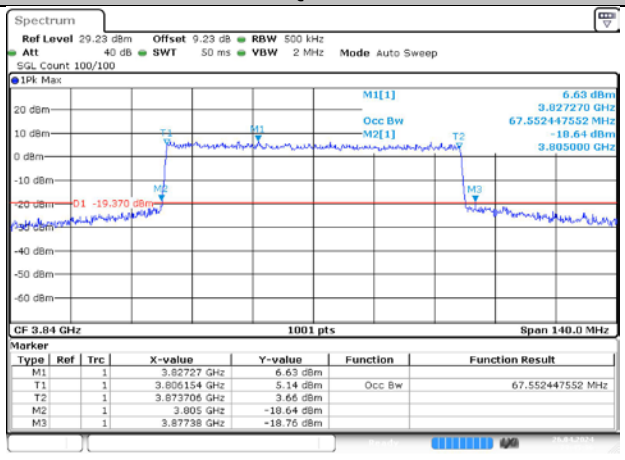
MCH / DFT-QPSK / Outer_Full



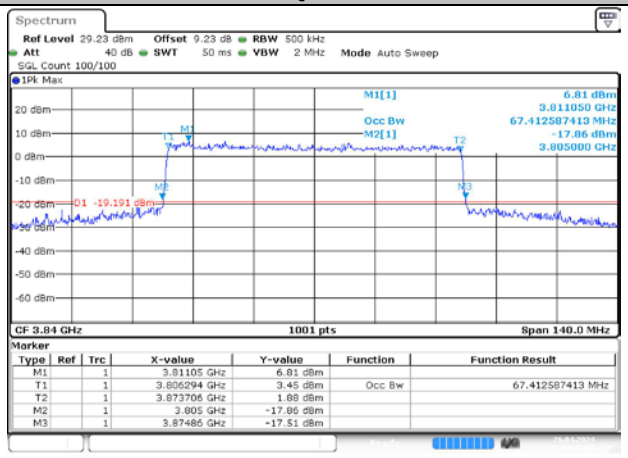
MCH / CP-QPSK / Outer_Full



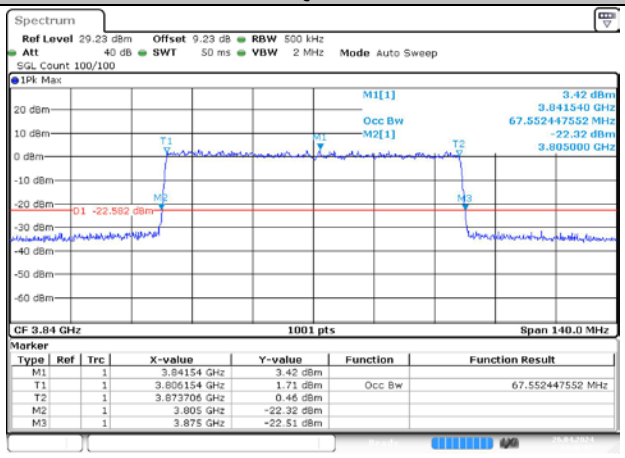
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

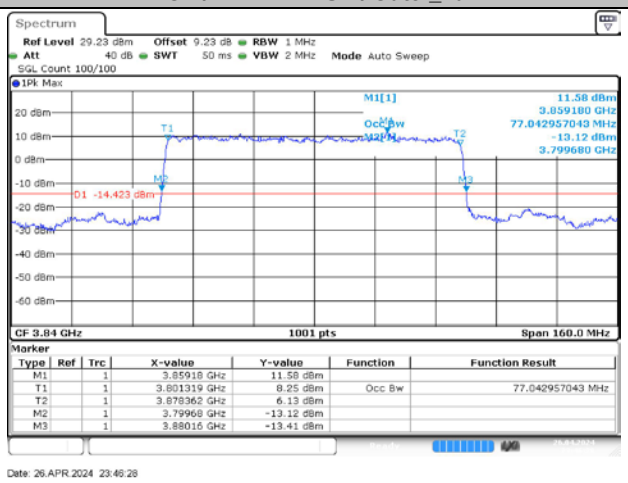


MCH / CP-256QAM / Outer_Full

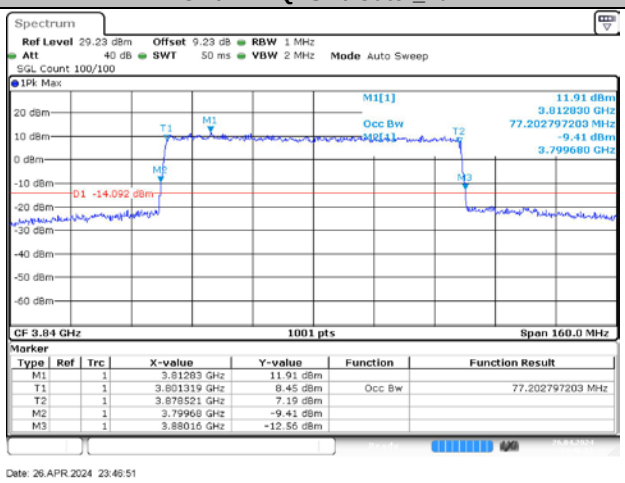


n77A / 30KHz / 80MHz

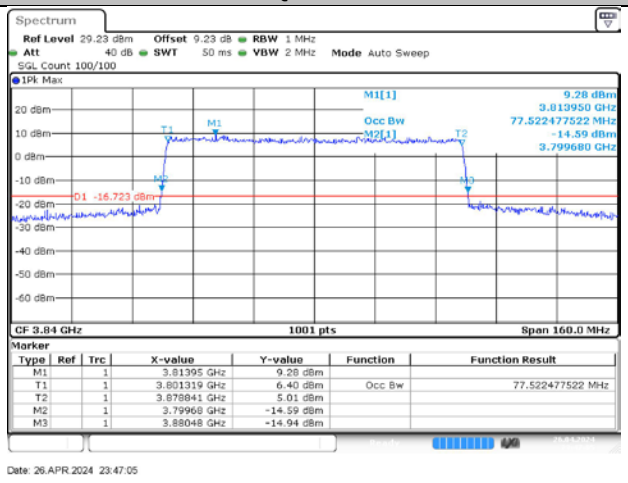
MCH / DFT-Pi2BPSK / Outer_Full



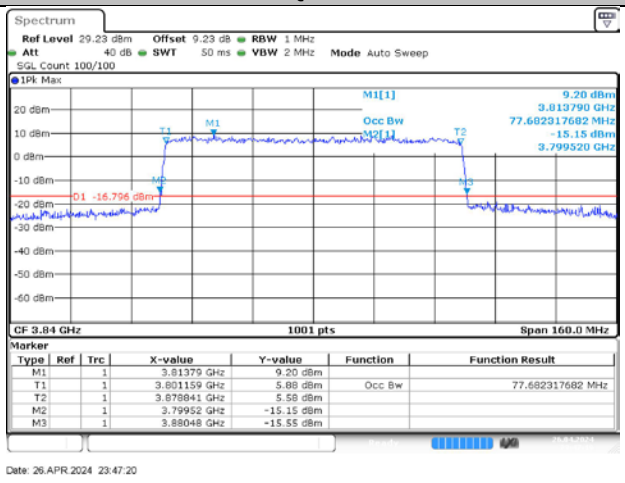
MCH / DFT-QPSK / Outer_Full



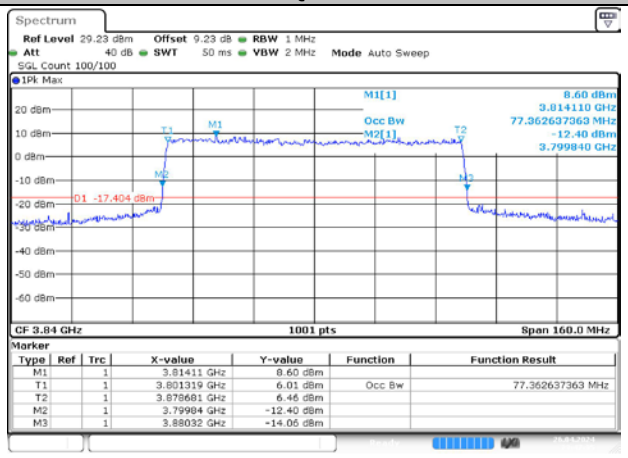
MCH / CP-QPSK / Outer_Full



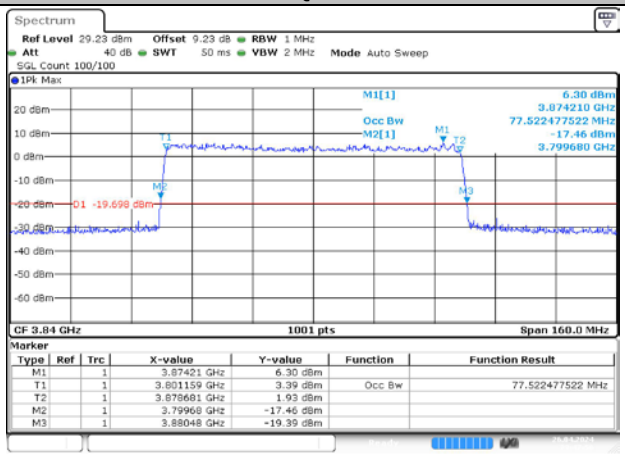
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

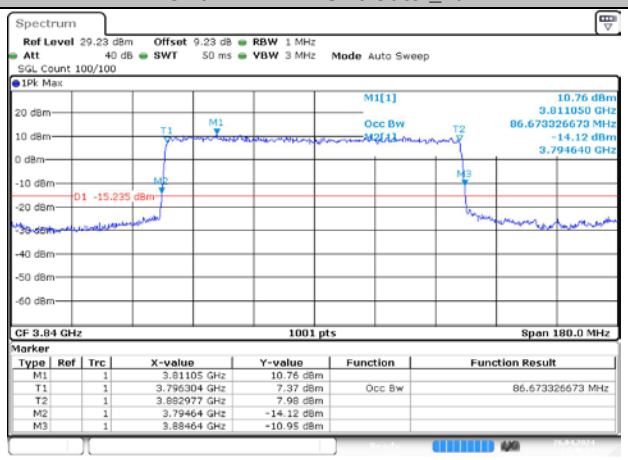


MCH / CP-256QAM / Outer_Full

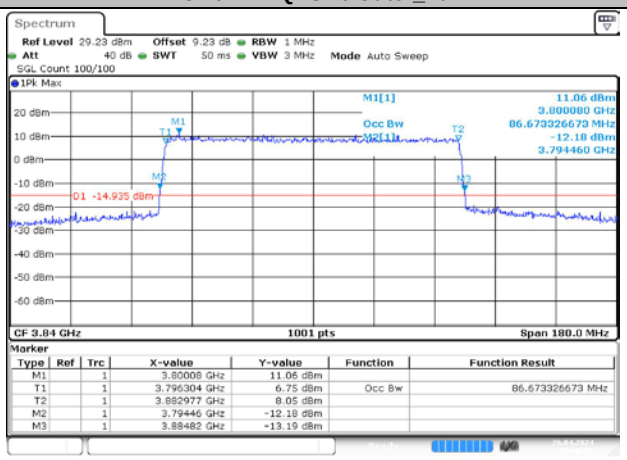


n77A / 30KHz / 90MHz

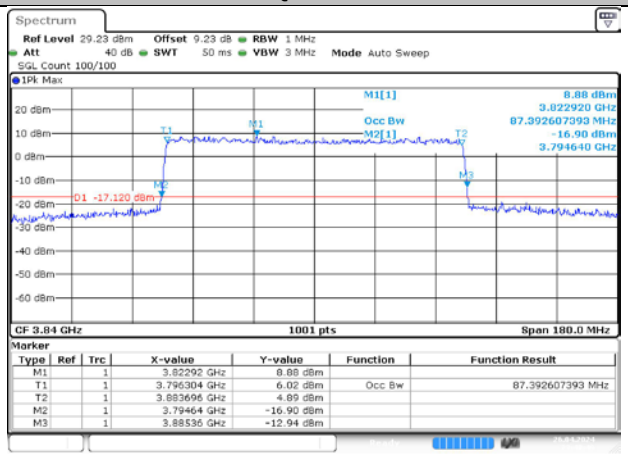
MCH / DFT-Pi2BPSK / Outer_Full



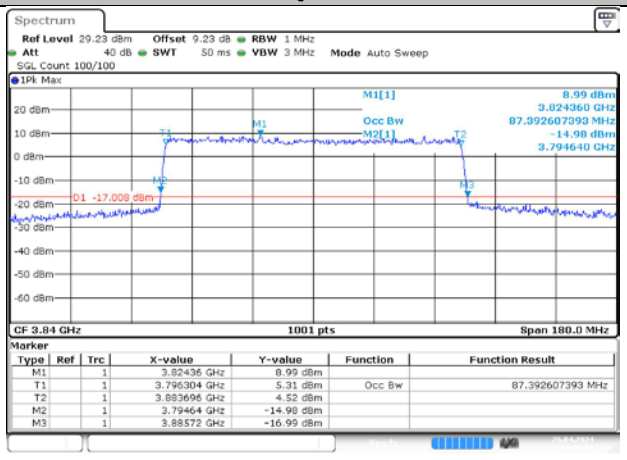
MCH / DFT-QPSK / Outer_Full



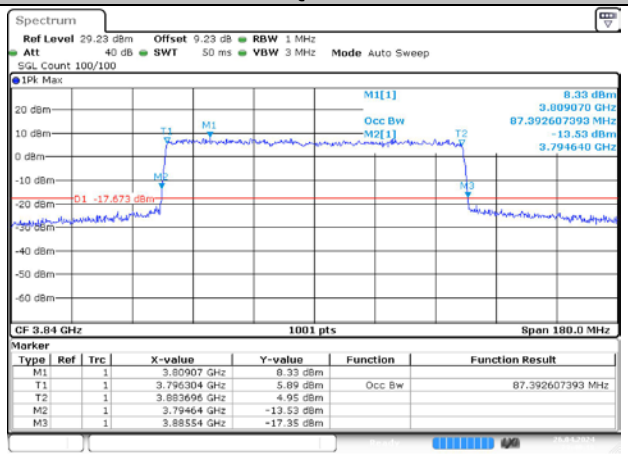
MCH / CP-QPSK / Outer_Full



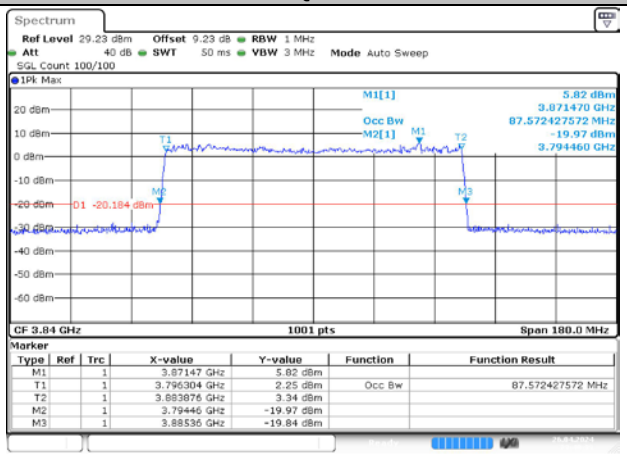
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

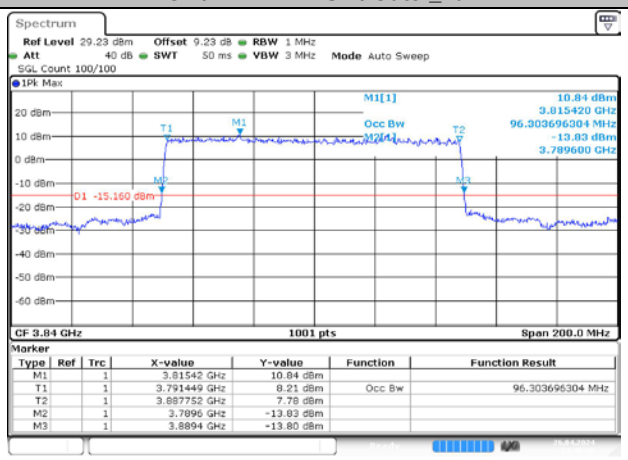


MCH / CP-256QAM / Outer_Full



n77A / 30KHz / 100MHz

MCH / DFT-Pi2BPSK / Outer_Full



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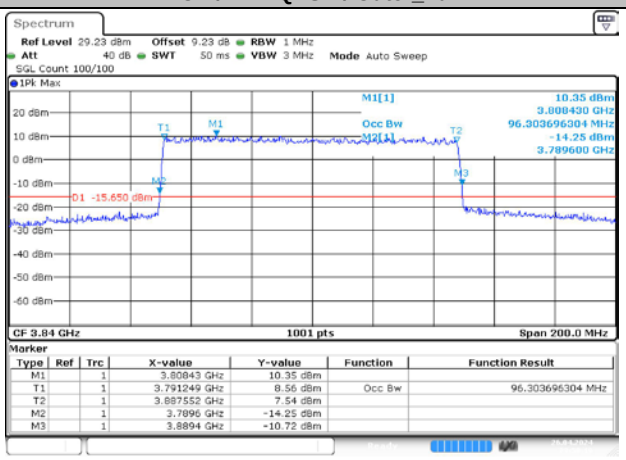
MCH / DFT-QPSK / Outer_Full



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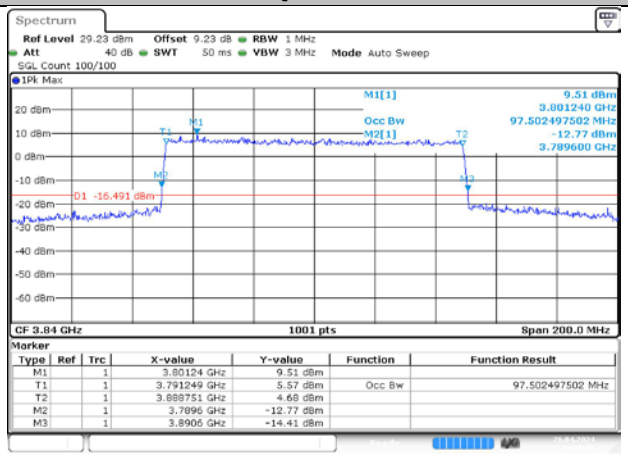
MCH / CP-QPSK / Outer_Full



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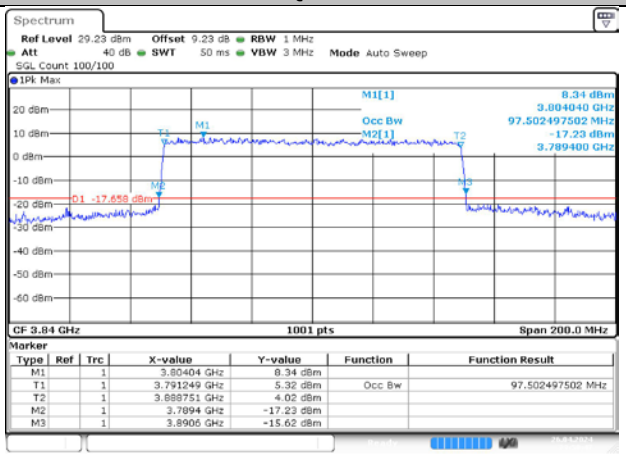
MCH / CP-16QAM / Outer_Full



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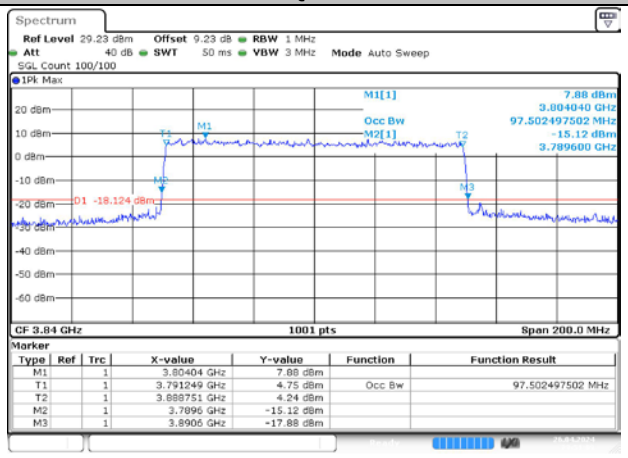
MCH / CP-64QAM / Outer_Full



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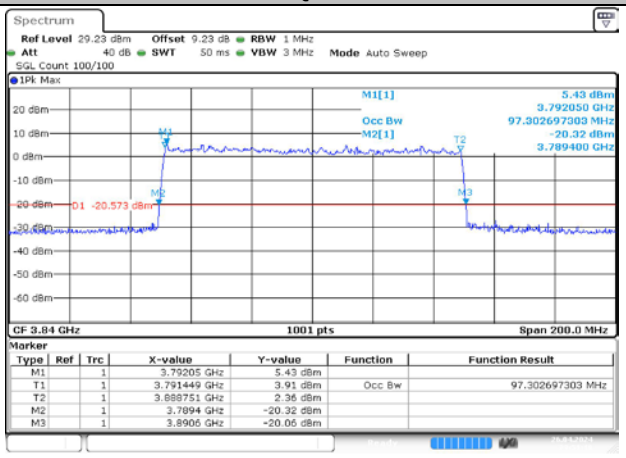
MCH / CP-256QAM / Outer_Full



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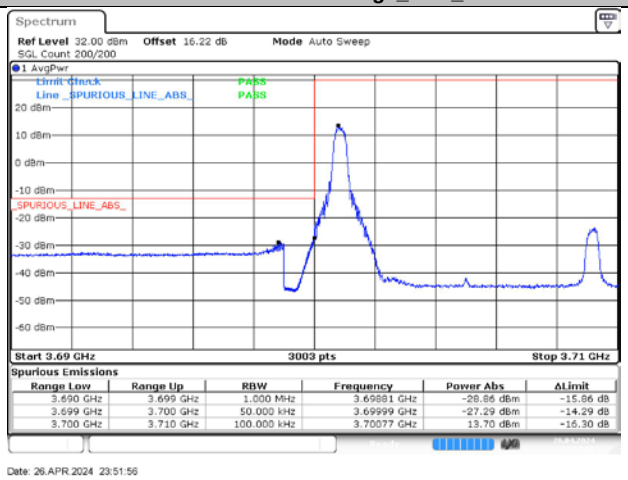
5. Conducted Band Edges

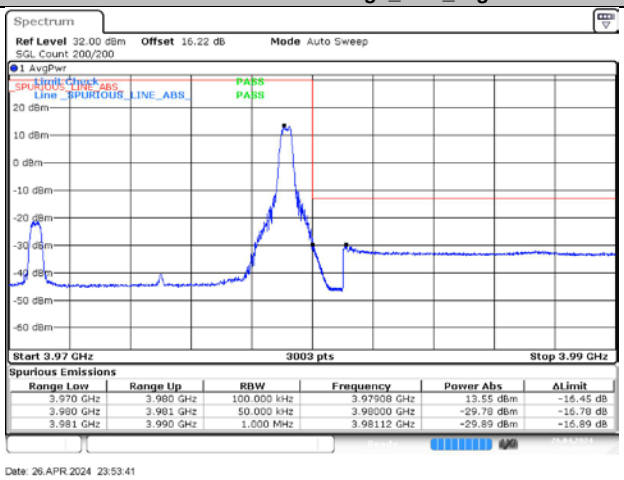
5.1. Test Plots

n77A / 30KHz / 10MHz

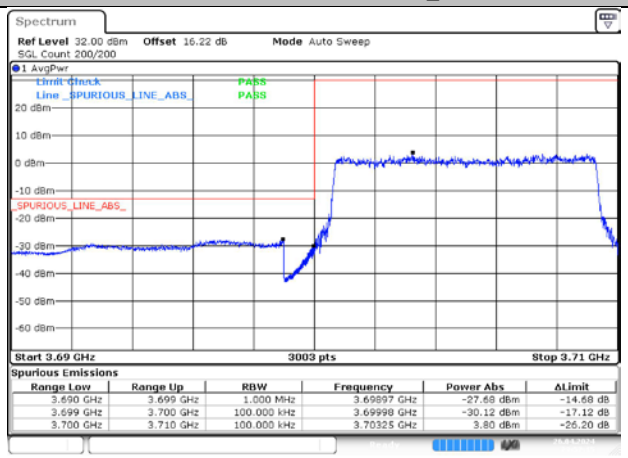
LCH / DFT-Pi2BPSK / Edge_1RB_Left



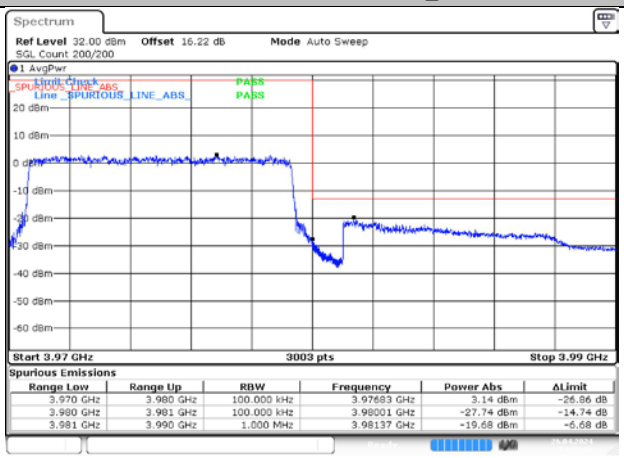
HCH / DFT-Pi2BPSK / Edge_1RB_Right



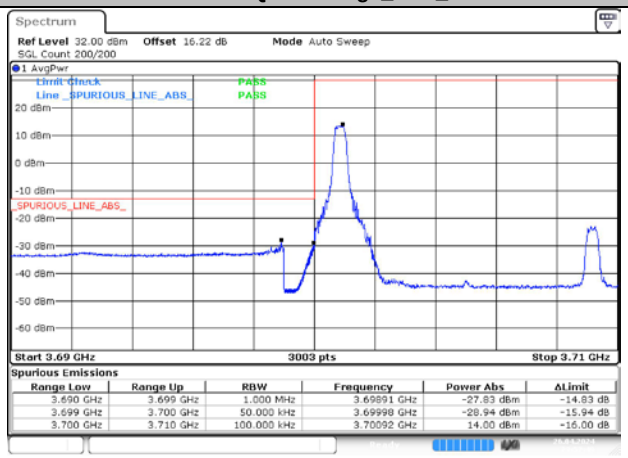
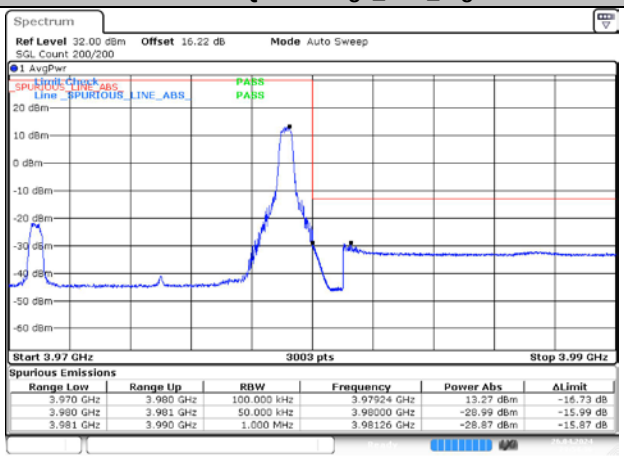
LCH / DFT-Pi2BPSK / Outer_Full



HCH / DFT-Pi2BPSK / Outer_Full



LCH / DFT-QPSK / Edge_1RB_Left



HCH / DFT-QPSK / Edge_1RB_Right