

**Appendix
for
n77A (UL MIMO)
(3700-3980)**

Catalogue

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant3 (Antenna Gain=-3.09dBi) + Ant5 (Antenna Gain=-2.88dBi)

SCS	Bandwidth	Channel	Modulation	Conducted Result (dBm)						Maximum (dBm)		Limit (dBm)	Verdict
				Inner_1RB_Left		Inner_1RB_Right		Inner_Full		SUM	EIRP		
				Ant3	Ant5	Ant3	Ant5	Ant3	Ant5				
30KHz	10MHz	LCH	CP-QPSK	21.69	21.41	21.84	21.66	21.70	21.67	24.76	21.78	30.00	Pass
30KHz	10MHz	LCH	CP-16QAM	20.99	21.12	21.23	21.49	21.15	21.14	24.37	21.39	30.00	Pass
30KHz	10MHz	LCH	CP-64QAM	19.66	19.61	19.68	19.95	19.57	19.65	22.83	19.85	30.00	Pass
30KHz	10MHz	LCH	CP-256QAM	16.70	16.44	16.76	16.71	16.82	16.75	19.80	16.81	30.00	Pass
30KHz	10MHz	MCH	CP-QPSK	22.00	21.91	22.17	21.86	21.88	21.81	25.03	22.07	30.00	Pass
30KHz	10MHz	MCH	CP-16QAM	21.27	21.47	21.61	21.63	21.43	21.37	24.63	21.65	30.00	Pass
30KHz	10MHz	MCH	CP-64QAM	19.79	19.95	20.09	20.01	19.91	19.95	23.06	20.08	30.00	Pass
30KHz	10MHz	MCH	CP-256QAM	16.80	16.89	17.16	16.91	17.08	17.00	20.05	17.11	30.00	Pass
30KHz	10MHz	HCH	CP-QPSK	22.28	21.96	22.33	22.33	22.20	22.10	25.34	22.36	30.00	Pass
30KHz	10MHz	HCH	CP-16QAM	21.56	21.71	21.57	21.74	21.64	21.72	24.69	21.72	30.00	Pass
30KHz	10MHz	HCH	CP-64QAM	20.16	20.21	20.11	20.30	20.33	20.19	23.27	20.34	30.00	Pass
30KHz	10MHz	HCH	CP-256QAM	17.30	16.98	17.42	17.14	17.42	17.21	20.33	17.34	30.00	Pass
30KHz	15MHz	LCH	CP-QPSK	21.73	21.58	21.87	21.76	21.69	21.57	24.83	21.84	30.00	Pass
30KHz	15MHz	LCH	CP-16QAM	20.99	21.08	21.28	21.34	21.19	21.19	24.32	21.34	30.00	Pass
30KHz	15MHz	LCH	CP-64QAM	19.63	19.63	19.85	19.83	19.67	19.63	22.85	19.87	30.00	Pass
30KHz	15MHz	LCH	CP-256QAM	16.63	16.53	16.76	16.71	16.76	16.85	19.82	16.83	30.00	Pass
30KHz	15MHz	MCH	CP-QPSK	21.80	21.78	22.28	21.84	21.86	21.71	25.08	22.09	30.00	Pass
30KHz	15MHz	MCH	CP-16QAM	21.05	21.54	21.57	21.45	21.35	21.34	24.52	21.58	30.00	Pass
30KHz	15MHz	MCH	CP-64QAM	19.77	19.88	20.13	20.01	19.99	19.84	23.08	20.10	30.00	Pass
30KHz	15MHz	MCH	CP-256QAM	16.81	16.80	17.35	16.89	17.15	17.02	20.14	17.21	30.00	Pass
30KHz	15MHz	HCH	CP-QPSK	22.08	22.05	22.29	22.04	22.07	21.99	25.18	22.20	30.00	Pass
30KHz	15MHz	HCH	CP-16QAM	21.40	21.47	21.68	21.59	21.67	21.46	24.65	21.66	30.00	Pass
30KHz	15MHz	HCH	CP-64QAM	20.08	20.17	20.23	20.18	20.15	20.04	23.22	20.23	30.00	Pass
30KHz	15MHz	HCH	CP-256QAM	17.19	16.96	17.34	17.06	17.39	17.22	20.32	17.33	30.00	Pass
30KHz	20MHz	LCH	CP-QPSK	21.65	21.44	21.98	21.82	21.70	21.64	24.91	21.93	30.00	Pass
30KHz	20MHz	LCH	CP-16QAM	21.02	21.10	21.39	21.45	21.30	21.17	24.43	21.45	30.00	Pass
30KHz	20MHz	LCH	CP-64QAM	19.69	19.60	19.88	19.89	19.75	19.60	22.90	19.91	30.00	Pass
30KHz	20MHz	LCH	CP-256QAM	16.63	16.45	16.94	16.72	16.87	16.63	19.84	16.86	30.00	Pass
30KHz	20MHz	MCH	CP-QPSK	21.79	21.84	22.44	21.89	22.01	21.81	25.18	22.19	30.00	Pass
30KHz	20MHz	MCH	CP-16QAM	21.17	21.58	21.43	21.67	21.49	21.33	24.56	21.61	30.00	Pass
30KHz	20MHz	MCH	CP-64QAM	19.79	19.93	20.30	20.13	20.01	19.79	23.23	20.24	30.00	Pass
30KHz	20MHz	MCH	CP-256QAM	16.76	16.80	17.39	16.99	17.06	16.88	20.20	17.22	30.00	Pass
30KHz	20MHz	HCH	CP-QPSK	22.19	22.27	22.33	22.12	22.15	22.09	25.24	22.33	30.00	Pass
30KHz	20MHz	HCH	CP-16QAM	21.37	21.85	21.71	21.75	21.66	21.55	24.74	21.81	30.00	Pass
30KHz	20MHz	HCH	CP-64QAM	20.10	20.38	20.26	20.23	20.21	20.09	23.26	20.35	30.00	Pass
30KHz	20MHz	HCH	CP-256QAM	17.27	17.18	17.48	17.12	17.31	17.06	20.31	17.36	30.00	Pass
30KHz	25MHz	LCH	CP-QPSK	21.54	21.37	21.89	21.81	21.64	21.64	24.86	21.88	30.00	Pass
30KHz	25MHz	LCH	CP-16QAM	21.00	21.05	21.41	21.41	21.21	21.14	24.42	21.44	30.00	Pass
30KHz	25MHz	LCH	CP-64QAM	19.41	19.46	19.91	19.95	19.78	19.68	22.94	19.96	30.00	Pass
30KHz	25MHz	LCH	CP-256QAM	16.48	16.44	16.97	16.71	16.78	16.81	19.85	16.92	30.00	Pass
30KHz	25MHz	MCH	CP-QPSK	21.78	21.92	22.35	22.09	21.92	21.74	25.23	22.25	30.00	Pass
30KHz	25MHz	MCH	CP-16QAM	20.77	21.45	21.43	21.57	21.50	21.30	24.51	21.56	30.00	Pass
30KHz	25MHz	MCH	CP-64QAM	19.60	19.79	20.22	20.07	19.98	19.76	23.16	20.17	30.00	Pass
30KHz	25MHz	MCH	CP-256QAM	16.67	16.80	17.29	16.93	16.99	16.98	20.12	17.16	30.00	Pass
30KHz	25MHz	HCH	CP-QPSK	22.18	22.29	22.25	22.09	22.04	22.01	25.25	22.30	30.00	Pass
30KHz	25MHz	HCH	CP-16QAM	21.34	21.92	21.39	21.84	21.68	21.60	24.65	21.83	30.00	Pass
30KHz	25MHz	HCH	CP-64QAM	20.04	20.40	20.19	20.21	20.06	20.13	23.23	20.33	30.00	Pass
30KHz	25MHz	HCH	CP-256QAM	17.14	17.25	17.31	17.18	17.31	17.21	20.27	17.31	30.00	Pass
30KHz	30MHz	LCH	CP-QPSK	21.62	21.31	22.08	21.90	21.83	21.74	25.00	22.02	30.00	Pass
30KHz	30MHz	LCH	CP-16QAM	20.94	21.09	21.37	21.52	21.39	21.39	24.46	21.48	30.00	Pass
30KHz	30MHz	LCH	CP-64QAM	19.53	19.60	19.99	20.08	19.89	19.86	23.05	20.06	30.00	Pass
30KHz	30MHz	LCH	CP-256QAM	16.60	16.43	16.84	16.90	16.72	16.90	19.88	16.90	30.00	Pass
30KHz	30MHz	MCH	CP-QPSK	21.53	21.89	22.32	22.08	21.89	21.79	25.21	22.23	30.00	Pass
30KHz	30MHz	MCH	CP-16QAM	20.90	21.29	21.47	21.76	21.50	21.37	24.63	21.66	30.00	Pass
30KHz	30MHz	MCH	CP-64QAM	19.46	19.92	20.17	20.19	19.91	19.86	23.19	20.21	30.00	Pass
30KHz	30MHz	MCH	CP-256QAM	16.46	16.72	17.26	17.07	16.96	17.01	20.18	17.19	30.00	Pass
30KHz	30MHz	HCH	CP-QPSK	22.03	22.40	22.18	22.12	22.00	22.01	25.23	22.32	30.00	Pass
30KHz	30MHz	HCH	CP-16QAM	21.80	21.69	21.52	21.83	21.55	21.64	24.76	21.84	30.00	Pass
30KHz	30MHz	HCH	CP-64QAM	19.95	20.49	20.10	20.26	20.03	20.03	23.24	20.33	30.00	Pass
30KHz	30MHz	HCH	CP-256QAM	17.08	17.31	17.24	17.02	17.13	17.20	20.21	17.30	30.00	Pass
30KHz	40MHz	LCH	CP-QPSK	21.41	21.39	21.97	21.92	21.72	21.85	24.96	21.97	30.00	Pass
30KHz	40MHz	LCH	CP-16QAM	20.77	20.99	21.21	21.59	21.34	21.38	24.41	21.50	30.00	Pass

30KHz	40MHz	LCH	CP-64QAM	19.39	19.66	19.89	20.07	19.80	19.99	22.99	20.01	30.00	Pass
30KHz	40MHz	LCH	CP-256QAM	16.20	16.40	16.93	16.89	16.76	17.01	19.92	17.00	30.00	Pass
30KHz	40MHz	MCH	CP-QPSK	21.42	21.90	22.35	22.13	21.90	21.84	25.25	22.27	30.00	Pass
30KHz	40MHz	MCH	CP-16QAM	20.82	21.54	21.64	21.63	21.44	21.30	24.65	21.66	30.00	Pass
30KHz	40MHz	MCH	CP-64QAM	19.36	19.89	20.27	20.34	19.92	19.96	23.32	20.33	30.00	Pass
30KHz	40MHz	MCH	CP-256QAM	16.40	16.75	17.30	17.10	16.98	17.09	20.21	17.23	30.00	Pass
30KHz	40MHz	HCH	CP-QPSK	21.87	22.25	22.12	22.13	21.76	22.16	25.14	22.21	30.00	Pass
30KHz	40MHz	HCH	CP-16QAM	21.21	21.84	21.39	21.64	21.49	21.66	24.59	21.70	30.00	Pass
30KHz	40MHz	HCH	CP-64QAM	19.89	20.41	20.17	20.35	19.98	20.30	23.27	20.32	30.00	Pass
30KHz	40MHz	HCH	CP-256QAM	17.02	17.24	17.33	17.09	17.22	17.35	20.30	17.37	30.00	Pass
30KHz	50MHz	LCH	CP-QPSK	21.48	21.33	21.84	21.84	21.88	21.96	24.93	21.95	30.00	Pass
30KHz	50MHz	LCH	CP-16QAM	20.77	20.97	21.17	21.49	21.39	21.49	24.45	21.47	30.00	Pass
30KHz	50MHz	LCH	CP-64QAM	19.46	19.67	19.89	20.11	19.78	19.92	23.01	20.03	30.00	Pass
30KHz	50MHz	LCH	CP-256QAM	16.21	16.24	16.54	16.76	16.73	17.01	19.88	16.90	30.00	Pass
30KHz	50MHz	MCH	CP-QPSK	21.30	21.73	22.19	21.87	21.82	21.83	25.04	22.06	30.00	Pass
30KHz	50MHz	MCH	CP-16QAM	20.59	21.33	21.75	21.66	21.48	21.30	24.72	21.73	30.00	Pass
30KHz	50MHz	MCH	CP-64QAM	19.26	19.94	20.24	20.31	19.83	19.80	23.29	20.30	30.00	Pass
30KHz	50MHz	MCH	CP-256QAM	16.05	16.68	17.10	17.00	16.78	16.92	20.06	17.08	30.00	Pass
30KHz	50MHz	HCH	CP-QPSK	21.80	21.96	21.99	21.99	21.87	22.25	25.07	22.15	30.00	Pass
30KHz	50MHz	HCH	CP-16QAM	21.14	21.81	21.42	21.70	21.34	21.81	24.59	21.65	30.00	Pass
30KHz	50MHz	HCH	CP-64QAM	19.88	20.20	19.96	20.26	19.94	20.32	23.14	20.17	30.00	Pass
30KHz	50MHz	HCH	CP-256QAM	16.92	16.98	16.98	17.05	17.14	17.39	20.28	17.30	30.00	Pass
30KHz	60MHz	LCH	CP-QPSK	21.43	21.29	21.66	21.90	21.73	21.87	24.81	21.84	30.00	Pass
30KHz	60MHz	LCH	CP-16QAM	20.70	20.99	20.97	21.59	21.31	21.41	24.37	21.48	30.00	Pass
30KHz	60MHz	LCH	CP-64QAM	19.36	19.57	19.63	20.11	19.83	19.95	22.90	20.00	30.00	Pass
30KHz	60MHz	LCH	CP-256QAM	16.34	16.37	16.75	16.89	16.83	16.95	19.90	16.92	30.00	Pass
30KHz	60MHz	MCH	CP-QPSK	21.49	21.83	22.36	21.97	21.86	21.85	25.18	22.19	30.00	Pass
30KHz	60MHz	MCH	CP-16QAM	21.01	21.34	21.50	21.67	21.38	21.42	24.60	21.61	30.00	Pass
30KHz	60MHz	MCH	CP-64QAM	19.31	19.82	20.20	20.16	19.86	19.87	23.19	20.21	30.00	Pass
30KHz	60MHz	MCH	CP-256QAM	16.37	16.62	17.27	17.03	16.86	16.91	20.16	17.18	30.00	Pass
30KHz	60MHz	HCH	CP-QPSK	22.12	22.20	22.21	22.24	21.97	22.37	25.24	22.32	30.00	Pass
30KHz	60MHz	HCH	CP-16QAM	21.50	21.81	21.40	21.92	21.54	21.98	24.78	21.80	30.00	Pass
30KHz	60MHz	HCH	CP-64QAM	20.15	20.38	20.17	20.43	19.97	20.39	23.31	20.33	30.00	Pass
30KHz	60MHz	HCH	CP-256QAM	17.19	17.14	17.28	17.27	17.12	17.48	20.31	17.41	30.00	Pass
30KHz	70MHz	LCH	CP-QPSK	21.34	21.40	21.72	22.02	21.81	21.89	24.88	21.95	30.00	Pass
30KHz	70MHz	LCH	CP-16QAM	20.75	20.92	21.14	21.60	21.35	21.39	24.39	21.51	30.00	Pass
30KHz	70MHz	LCH	CP-64QAM	19.28	19.70	19.65	20.27	19.85	19.96	22.98	20.10	30.00	Pass
30KHz	70MHz	LCH	CP-256QAM	16.24	16.35	16.54	17.03	16.79	16.98	19.90	16.94	30.00	Pass
30KHz	70MHz	MCH	CP-QPSK	21.47	21.76	22.32	21.83	21.90	21.90	25.09	22.14	30.00	Pass
30KHz	70MHz	MCH	CP-16QAM	20.98	21.27	21.61	21.59	21.39	21.39	24.61	21.63	30.00	Pass
30KHz	70MHz	MCH	CP-64QAM	19.45	19.87	20.08	20.08	19.92	19.91	23.09	20.11	30.00	Pass
30KHz	70MHz	MCH	CP-256QAM	16.39	16.61	17.16	16.81	16.85	16.97	20.00	17.09	30.00	Pass
30KHz	70MHz	HCH	CP-QPSK	22.07	22.11	22.29	22.19	22.03	22.42	25.25	22.38	30.00	Pass
30KHz	70MHz	HCH	CP-16QAM	21.42	21.81	21.48	21.72	21.60	21.89	24.76	21.78	30.00	Pass
30KHz	70MHz	HCH	CP-64QAM	20.15	20.27	20.07	20.37	19.98	20.45	23.23	20.33	30.00	Pass
30KHz	70MHz	HCH	CP-256QAM	17.08	16.91	17.09	17.18	17.03	17.45	20.26	17.30	30.00	Pass
30KHz	80MHz	LCH	CP-QPSK	21.37	21.30	21.92	22.07	21.61	21.87	25.01	22.02	30.00	Pass
30KHz	80MHz	LCH	CP-16QAM	20.63	20.82	21.18	21.70	21.13	21.40	24.46	21.48	30.00	Pass
30KHz	80MHz	LCH	CP-64QAM	19.26	19.76	19.69	20.15	19.61	19.94	22.94	19.96	30.00	Pass
30KHz	80MHz	LCH	CP-256QAM	16.26	16.32	16.69	17.03	16.64	16.97	19.87	16.89	30.00	Pass
30KHz	80MHz	MCH	CP-QPSK	21.44	21.67	22.11	21.84	21.78	21.85	24.99	22.01	30.00	Pass
30KHz	80MHz	MCH	CP-16QAM	20.88	21.17	21.47	21.28	21.31	21.34	24.39	21.43	30.00	Pass
30KHz	80MHz	MCH	CP-64QAM	19.50	19.92	20.13	20.00	19.76	19.88	23.08	20.09	30.00	Pass
30KHz	80MHz	MCH	CP-256QAM	16.30	16.66	17.09	16.75	16.84	16.97	19.93	17.06	30.00	Pass
30KHz	80MHz	HCH	CP-QPSK	21.89	21.69	22.14	22.17	21.95	22.26	25.17	22.23	30.00	Pass
30KHz	80MHz	HCH	CP-16QAM	21.12	21.36	21.40	21.75	21.47	21.80	24.65	21.67	30.00	Pass
30KHz	80MHz	HCH	CP-64QAM	19.81	19.92	20.09	20.35	20.00	20.37	23.23	20.26	30.00	Pass
30KHz	80MHz	HCH	CP-256QAM	16.93	16.72	17.18	17.09	17.13	17.34	20.25	17.29	30.00	Pass
30KHz	90MHz	LCH	CP-QPSK	21.45	21.31	22.04	22.01	21.73	21.93	25.04	22.05	30.00	Pass
30KHz	90MHz	LCH	CP-16QAM	20.81	21.02	21.45	21.67	21.25	21.43	24.57	21.59	30.00	Pass
30KHz	90MHz	LCH	CP-64QAM	19.48	19.68	20.02	20.28	19.81	19.97	23.16	20.18	30.00	Pass
30KHz	90MHz	LCH	CP-256QAM	16.32	16.40	16.88	17.00	16.74	16.98	19.95	16.97	30.00	Pass
30KHz	90MHz	MCH	CP-QPSK	21.55	21.64	22.22	21.95	21.84	21.84	25.10	22.11	30.00	Pass
30KHz	90MHz	MCH	CP-16QAM	20.98	21.15	21.44	21.46	21.38	21.39	24.46	21.48	30.00	Pass
30KHz	90MHz	MCH	CP-64QAM	19.42	19.89	20.18	20.06	19.88	19.89	23.13	20.15	30.00	Pass
30KHz	90MHz	MCH	CP-256QAM	16.45	16.54	17.15	16.68	16.92	16.95	19.95	17.08	30.00	Pass
30KHz	90MHz	HCH	CP-QPSK	21.87	21.78	22.19	22.01	22.03	22.25	25.15	22.25	30.00	Pass
30KHz	90MHz	HCH	CP-16QAM	21.13	21.35	21.57	21.62	21.52	21.78	24.66	21.71	30.00	Pass

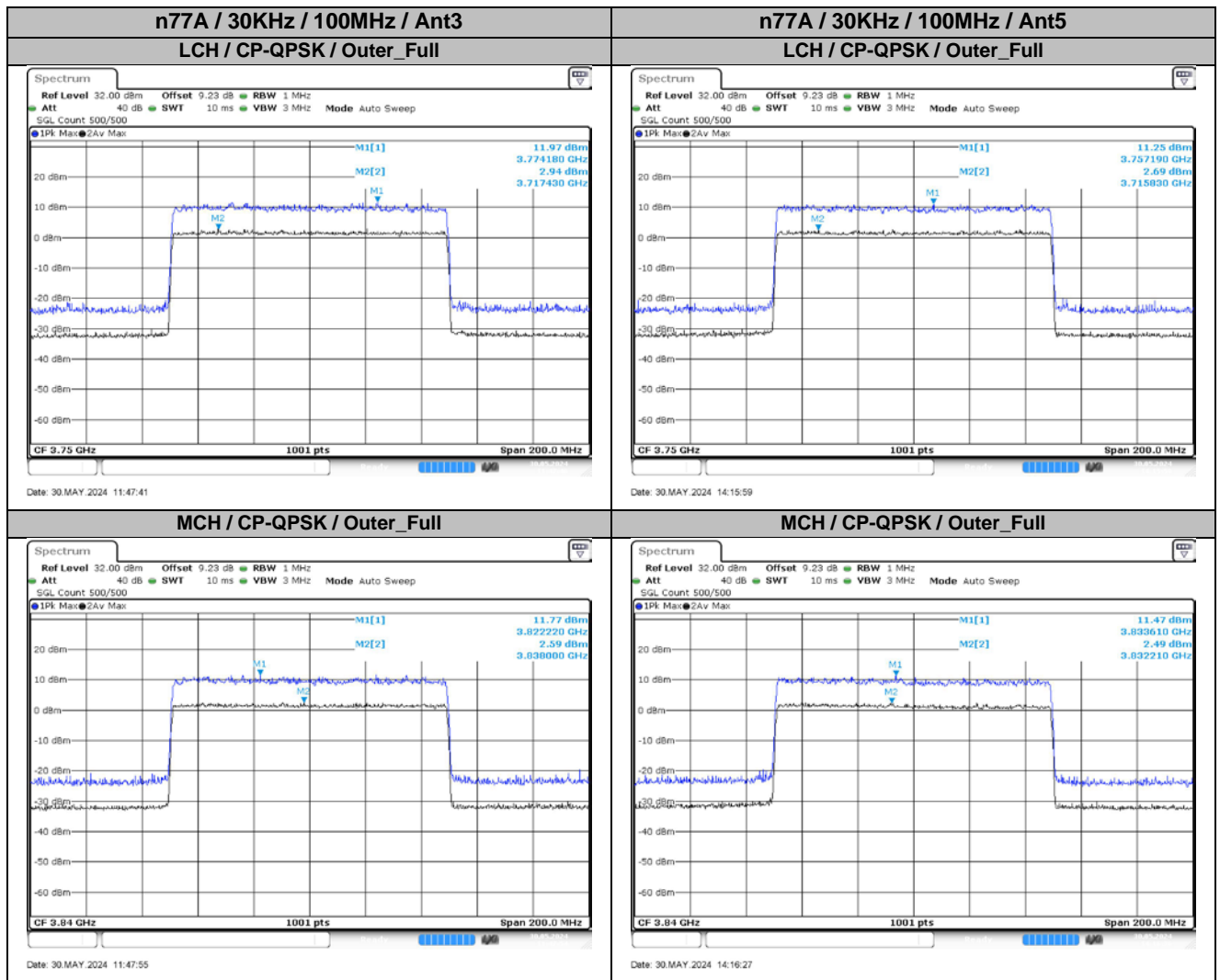
30KHz	90MHz	HCH	CP-64QAM	19.82	19.89	20.26	20.31	20.05	20.29	23.30	20.31	30.00	Pass
30KHz	90MHz	HCH	CP-256QAM	16.80	16.63	17.25	17.05	17.21	17.29	20.26	17.30	30.00	Pass
30KHz	100MHz	LCH	CP-QPSK	21.59	21.34	22.32	22.07	21.77	21.88	25.21	22.22	30.00	Pass
30KHz	100MHz	LCH	CP-16QAM	20.78	20.88	21.72	21.62	21.31	21.45	24.68	21.70	30.00	Pass
30KHz	100MHz	LCH	CP-64QAM	19.47	19.72	20.24	20.33	19.87	19.99	23.30	20.31	30.00	Pass
30KHz	100MHz	LCH	CP-256QAM	16.34	16.30	17.02	16.99	16.78	17.09	20.02	17.08	30.00	Pass
30KHz	100MHz	MCH	CP-QPSK	21.57	21.49	22.37	21.99	21.93	21.83	25.19	22.21	30.00	Pass
30KHz	100MHz	MCH	CP-16QAM	20.92	21.16	21.45	21.29	21.42	21.42	24.43	21.46	30.00	Pass
30KHz	100MHz	MCH	CP-64QAM	19.55	19.84	20.20	20.05	19.96	19.91	23.14	20.15	30.00	Pass
30KHz	100MHz	MCH	CP-256QAM	16.40	16.55	17.20	16.73	16.96	17.01	20.00	17.13	30.00	Pass
30KHz	100MHz	HCH	CP-QPSK	21.96	21.73	22.34	22.16	22.16	22.24	25.26	22.32	30.00	Pass
30KHz	100MHz	HCH	CP-16QAM	21.25	21.31	21.75	21.73	21.66	21.81	24.75	21.81	30.00	Pass
30KHz	100MHz	HCH	CP-64QAM	19.86	19.83	20.21	20.39	20.24	20.34	23.31	20.34	30.00	Pass
30KHz	100MHz	HCH	CP-256QAM	16.87	16.50	17.35	17.07	17.24	17.40	20.33	17.40	30.00	Pass

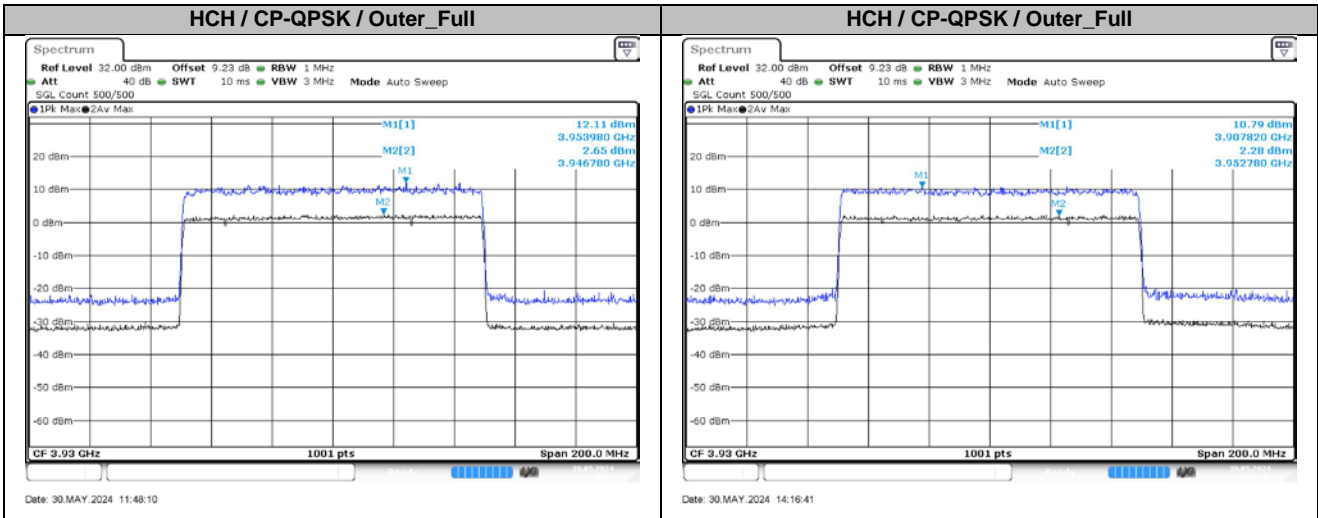
2. Peak-to-Average Ratio

2.1. Test Results

Channel	Modulation	Result (dB)		Limit (dB)	Verdict
		30KHz / 100MHz / CP-QPSK			
		Ant3	Ant5		
LCH	Outer_Full	9.03	8.57	13.00	Pass
MCH	Outer_Full	9.17	8.98	13.00	Pass
HCH	Outer_Full	9.47	8.52	13.00	Pass

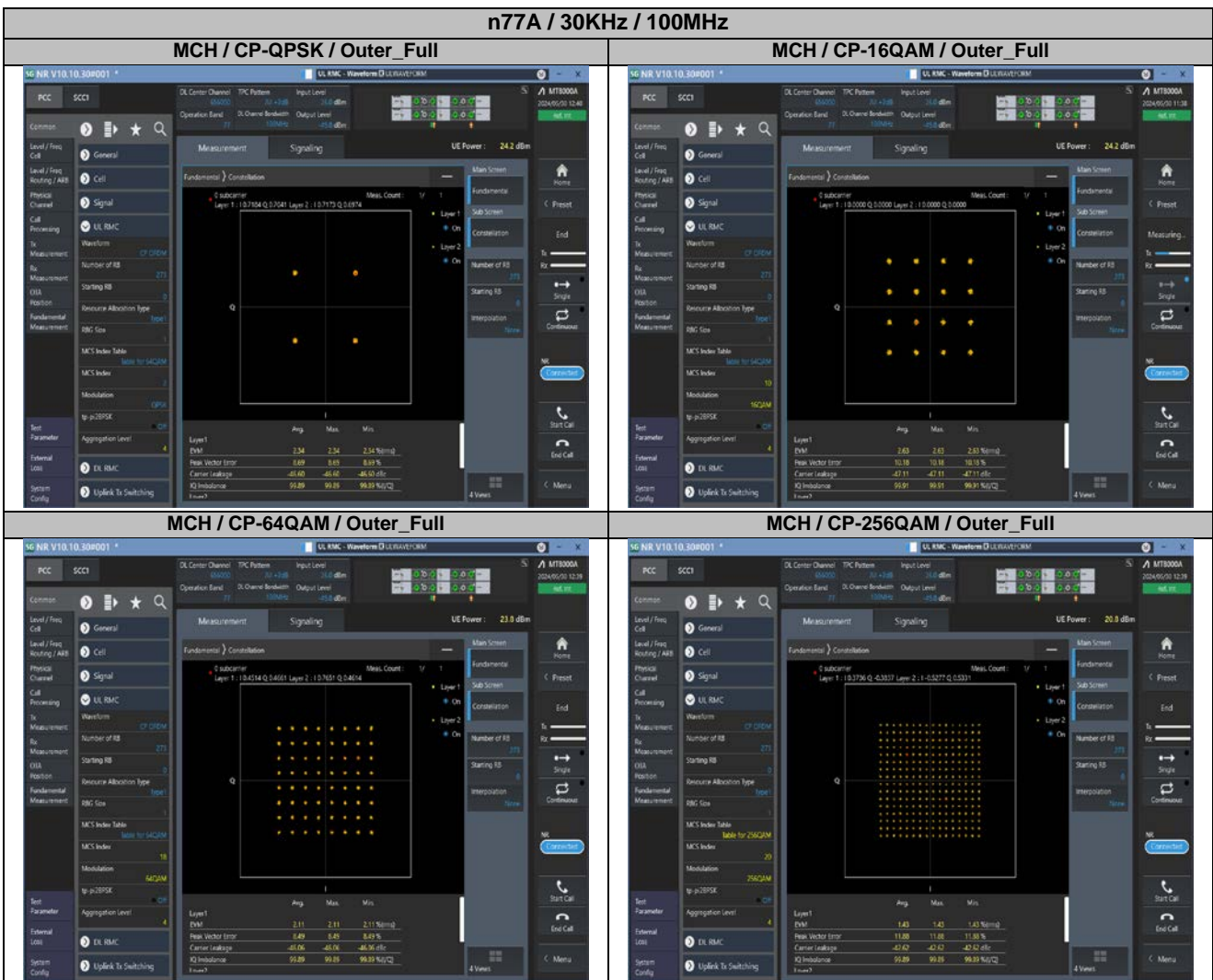
2.2. Test Plots





3. Modulation Characteristics

3.1. Test Plots

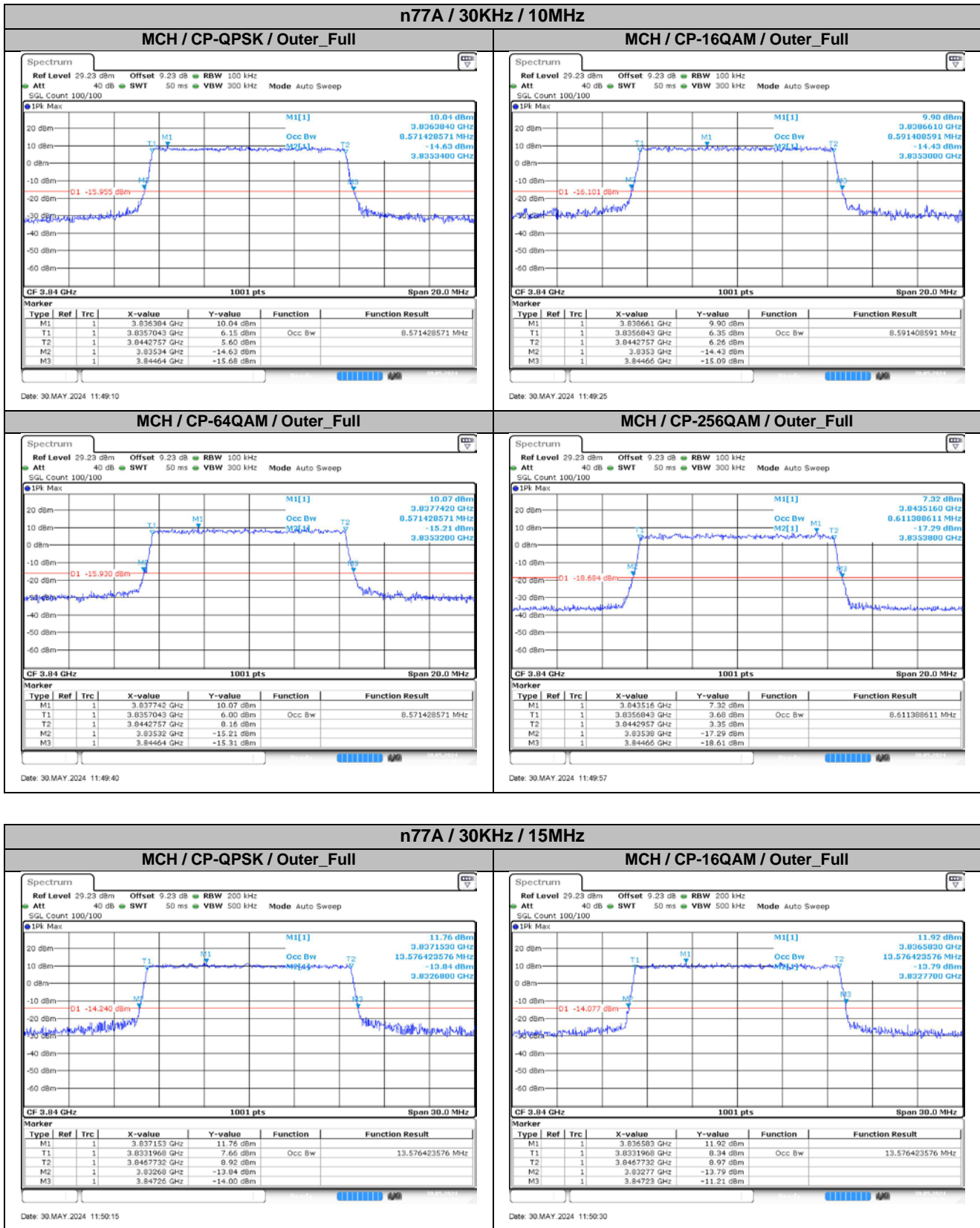


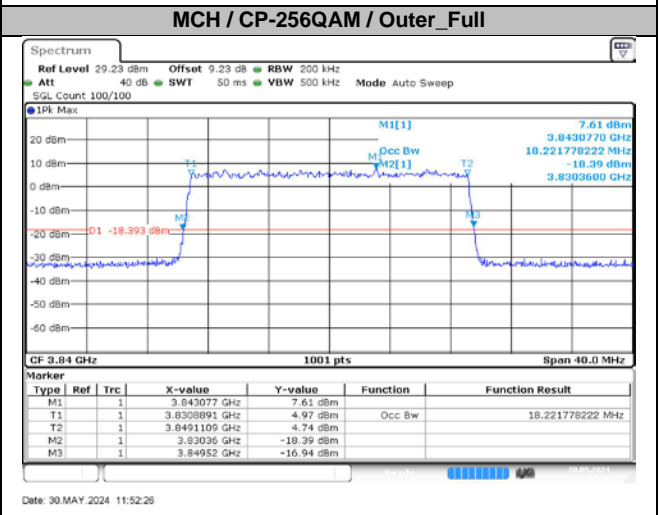
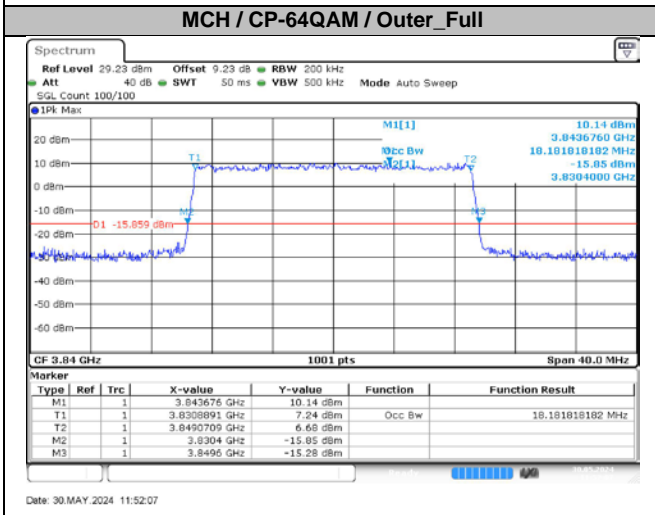
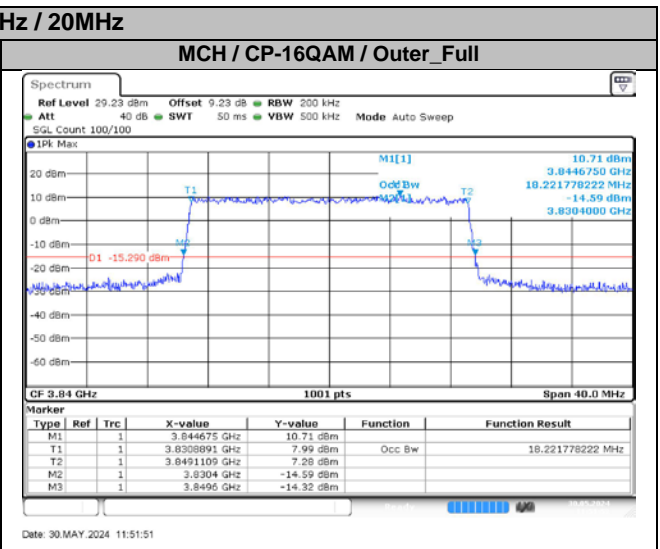
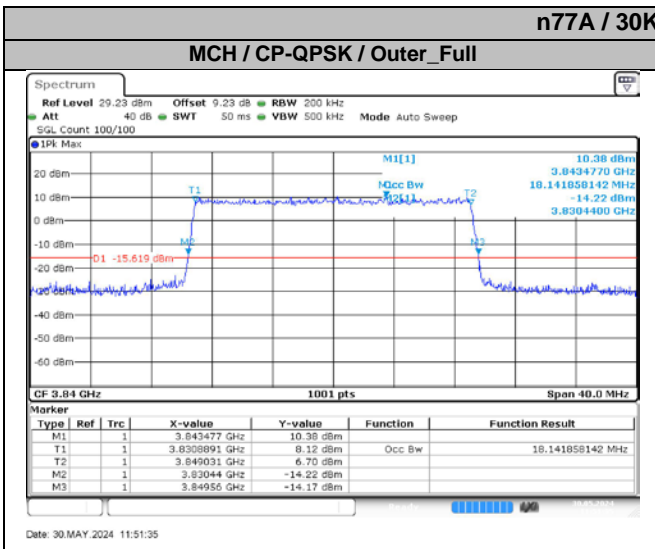
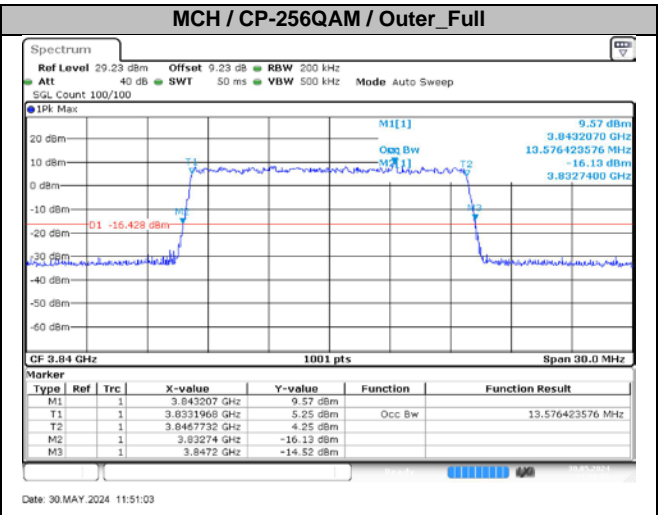
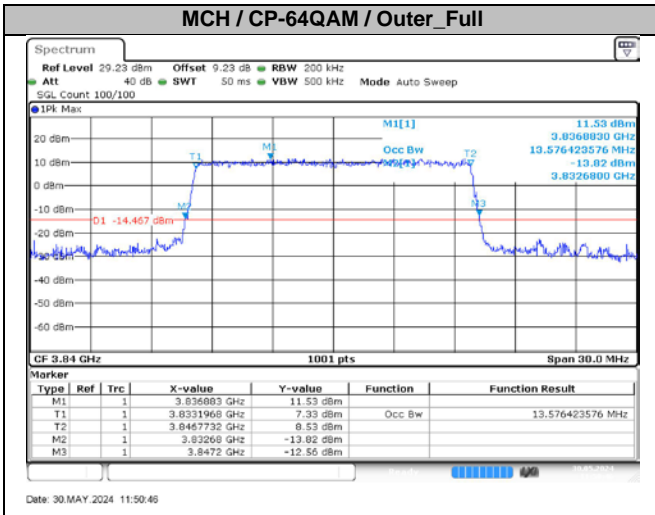
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

4.1. Test Results

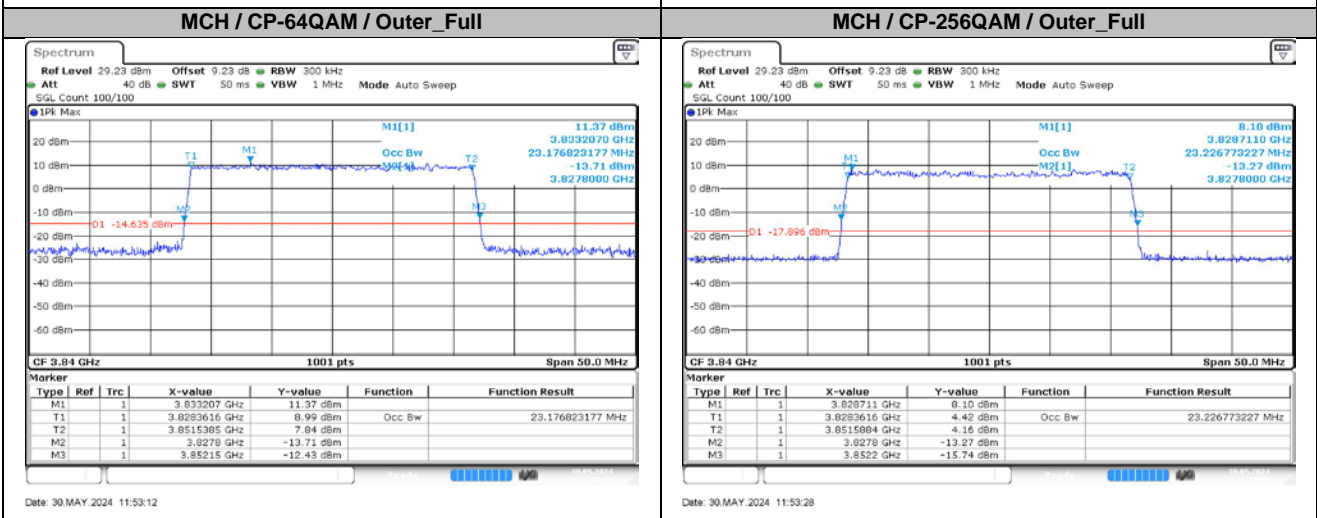
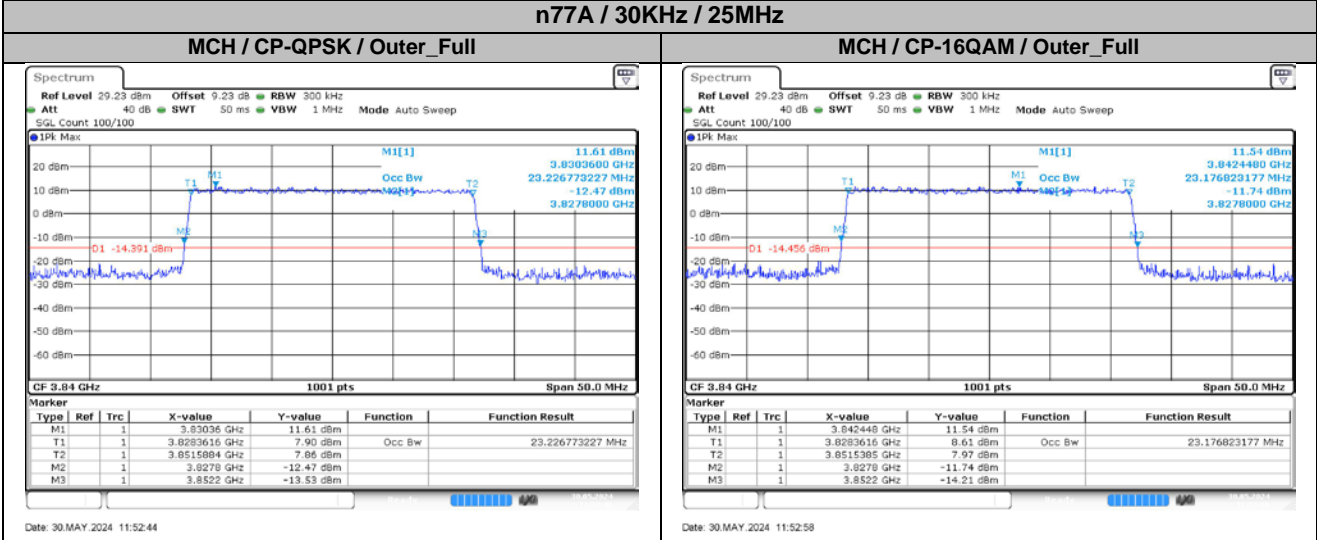
Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)		26dB Emission Bandwidth (MHz)		Verdict
			30KHz		30KHz		
			Ant3	Ant5	Ant3	Ant5	
10MHz	CP-QPSK	Outer_Full	8.57	8.57	9.30	9.34	Pass
10MHz	CP-16QAM	Outer_Full	8.59	8.57	9.36	9.16	Pass
10MHz	CP-64QAM	Outer_Full	8.57	8.57	9.32	9.30	Pass
10MHz	CP-256QAM	Outer_Full	8.61	8.57	9.28	9.28	Pass
15MHz	CP-QPSK	Outer_Full	13.58	13.58	14.58	14.49	Pass
15MHz	CP-16QAM	Outer_Full	13.58	13.61	14.46	14.43	Pass
15MHz	CP-64QAM	Outer_Full	13.58	13.58	14.52	14.52	Pass
15MHz	CP-256QAM	Outer_Full	13.58	13.61	14.46	14.46	Pass
20MHz	CP-QPSK	Outer_Full	18.14	18.18	19.12	19.16	Pass
20MHz	CP-16QAM	Outer_Full	18.22	18.18	19.20	19.20	Pass
20MHz	CP-64QAM	Outer_Full	18.18	18.18	19.20	19.08	Pass
20MHz	CP-256QAM	Outer_Full	18.22	18.22	19.16	19.12	Pass
25MHz	CP-QPSK	Outer_Full	23.23	23.18	24.40	24.35	Pass
25MHz	CP-16QAM	Outer_Full	23.18	23.23	24.40	24.30	Pass
25MHz	CP-64QAM	Outer_Full	23.18	23.23	24.35	24.40	Pass
25MHz	CP-256QAM	Outer_Full	23.23	23.18	24.40	24.35	Pass
30MHz	CP-QPSK	Outer_Full	27.87	27.87	29.16	29.40	Pass
30MHz	CP-16QAM	Outer_Full	27.81	27.87	29.22	29.28	Pass
30MHz	CP-64QAM	Outer_Full	27.87	27.93	29.22	29.22	Pass
30MHz	CP-256QAM	Outer_Full	27.87	27.75	29.28	29.22	Pass
40MHz	CP-QPSK	Outer_Full	37.80	37.80	39.68	39.76	Pass
40MHz	CP-16QAM	Outer_Full	37.88	37.88	39.76	39.68	Pass
40MHz	CP-64QAM	Outer_Full	37.80	37.88	39.60	39.68	Pass
40MHz	CP-256QAM	Outer_Full	37.80	37.80	39.76	39.60	Pass
50MHz	CP-QPSK	Outer_Full	47.45	47.55	49.30	49.40	Pass
50MHz	CP-16QAM	Outer_Full	47.45	47.35	49.30	49.40	Pass
50MHz	CP-64QAM	Outer_Full	47.55	47.35	49.20	49.50	Pass
50MHz	CP-256QAM	Outer_Full	47.45	47.35	49.50	49.30	Pass
60MHz	CP-QPSK	Outer_Full	57.78	57.78	59.76	59.76	Pass
60MHz	CP-16QAM	Outer_Full	57.78	57.66	59.52	59.64	Pass
60MHz	CP-64QAM	Outer_Full	57.90	57.90	59.76	59.76	Pass
60MHz	CP-256QAM	Outer_Full	57.78	57.66	59.76	59.76	Pass
70MHz	CP-QPSK	Outer_Full	67.41	67.27	69.30	69.30	Pass
70MHz	CP-16QAM	Outer_Full	67.41	67.41	69.44	69.44	Pass
70MHz	CP-64QAM	Outer_Full	67.41	67.41	69.30	69.30	Pass
70MHz	CP-256QAM	Outer_Full	67.41	67.41	69.44	69.30	Pass
80MHz	CP-QPSK	Outer_Full	77.36	77.52	80.32	80.48	Pass
80MHz	CP-16QAM	Outer_Full	77.52	77.36	80.48	80.32	Pass
80MHz	CP-64QAM	Outer_Full	77.52	77.52	80.48	80.48	Pass
80MHz	CP-256QAM	Outer_Full	77.68	77.68	80.48	80.32	Pass
90MHz	CP-QPSK	Outer_Full	87.39	87.39	90.54	90.54	Pass
90MHz	CP-16QAM	Outer_Full	87.39	87.39	90.36	90.36	Pass
90MHz	CP-64QAM	Outer_Full	87.39	87.39	90.54	90.54	Pass
90MHz	CP-256QAM	Outer_Full	87.39	87.39	90.54	90.36	Pass
100MHz	CP-QPSK	Outer_Full	97.30	97.50	100.60	100.60	Pass
100MHz	CP-16QAM	Outer_Full	97.50	97.50	100.40	100.60	Pass
100MHz	CP-64QAM	Outer_Full	97.50	97.50	100.40	100.40	Pass
100MHz	CP-256QAM	Outer_Full	97.50	97.30	100.80	100.60	Pass

4.2. Test Plots for Ant3

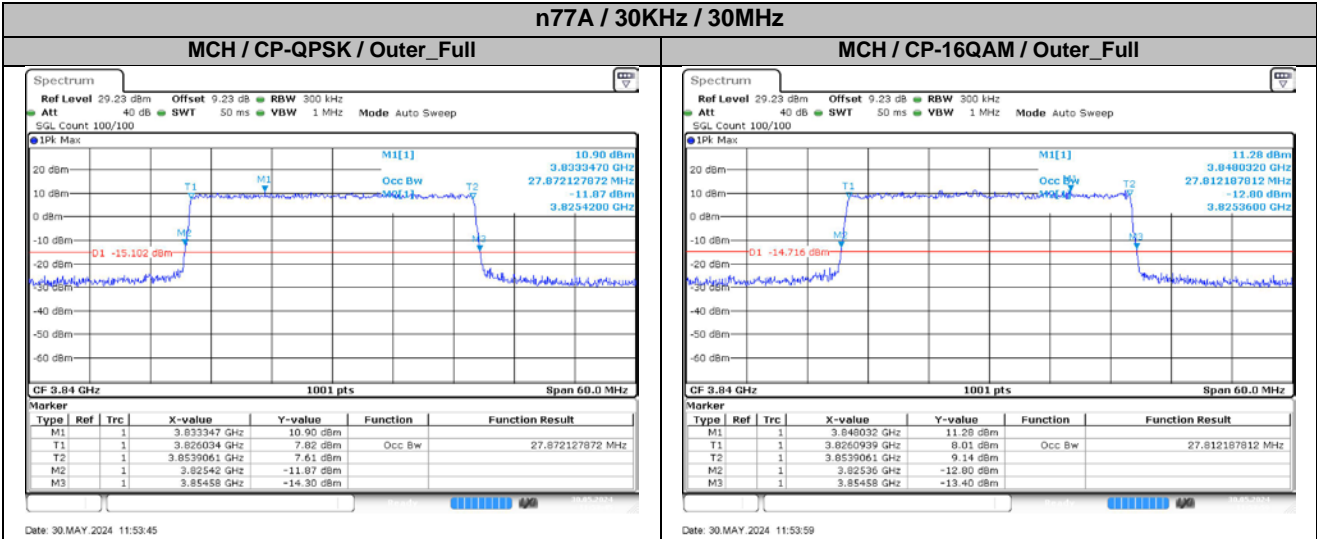


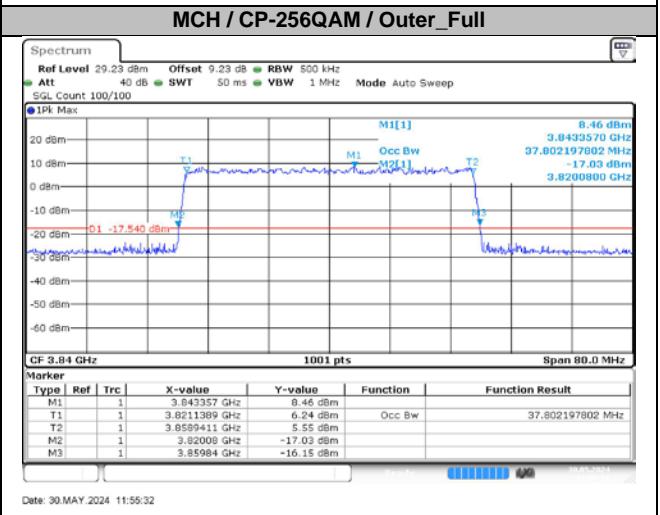
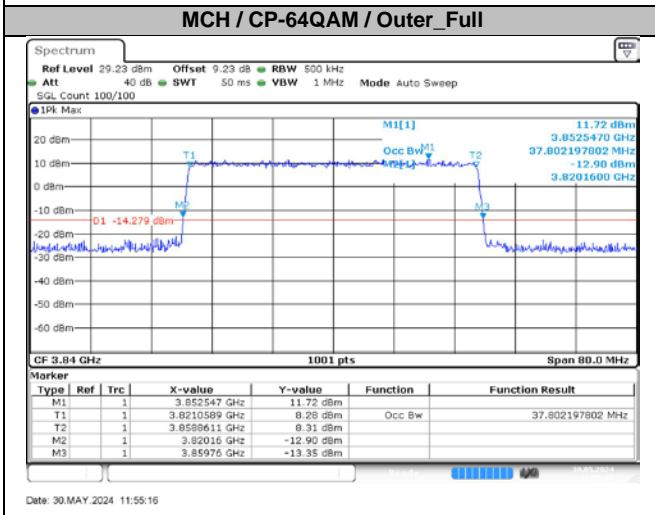
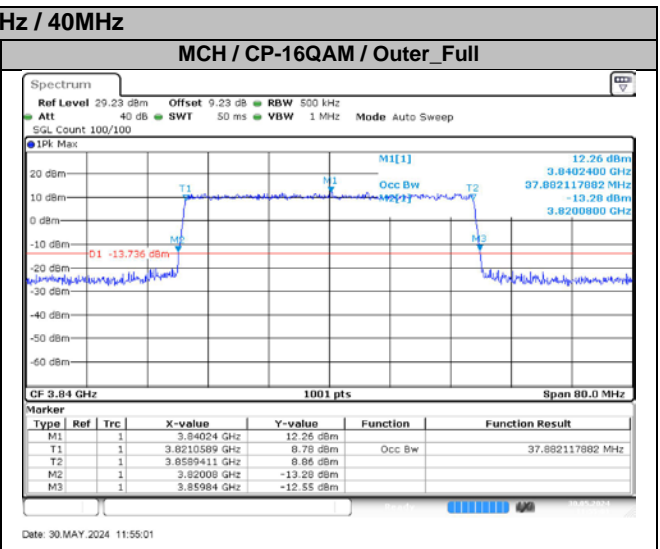
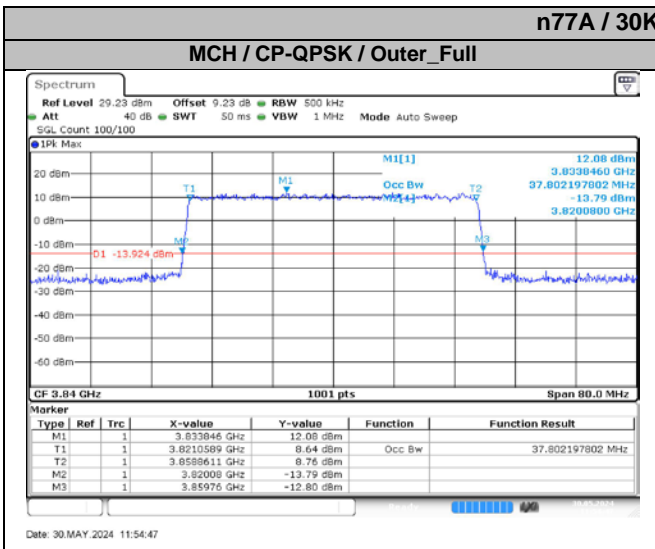
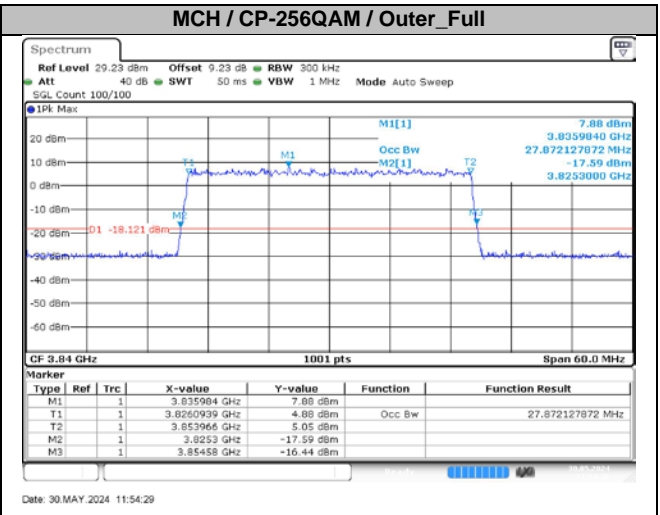
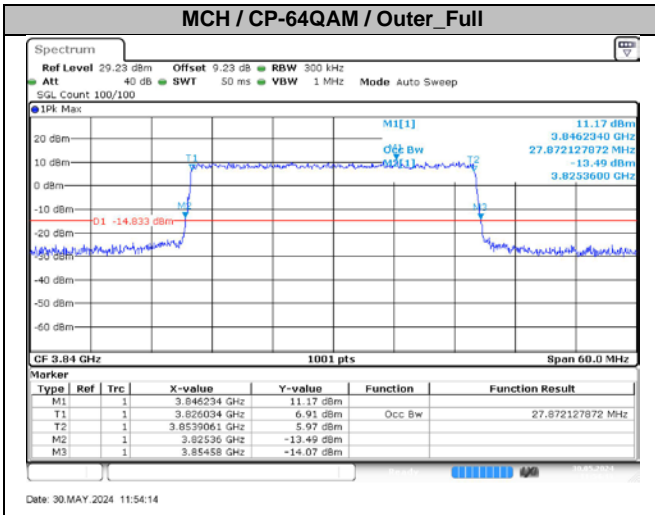


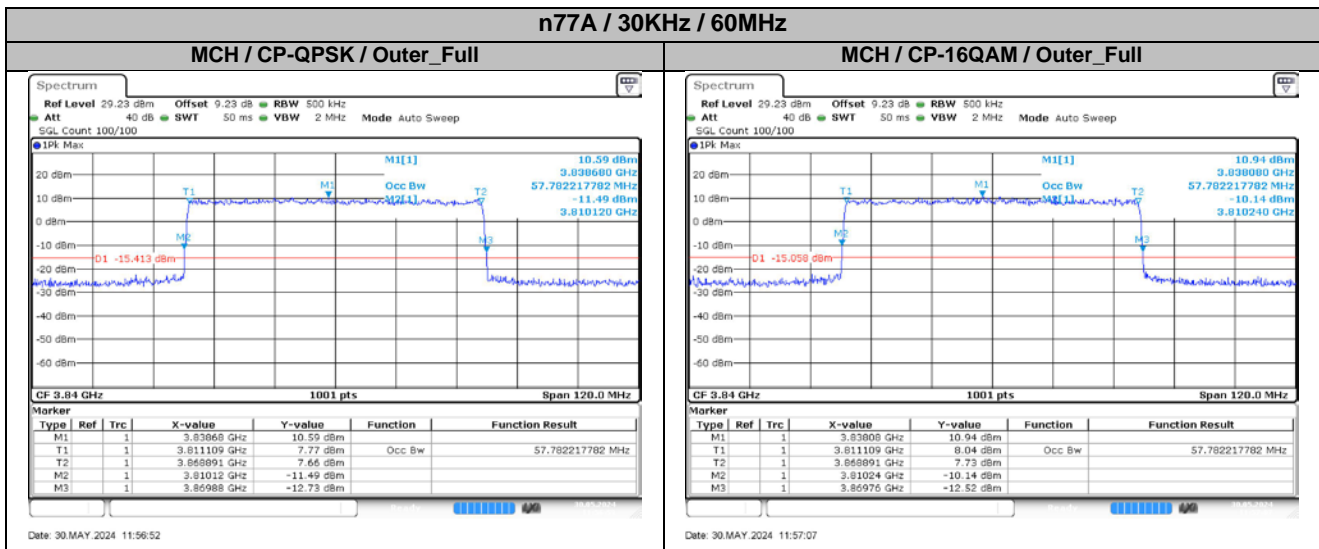
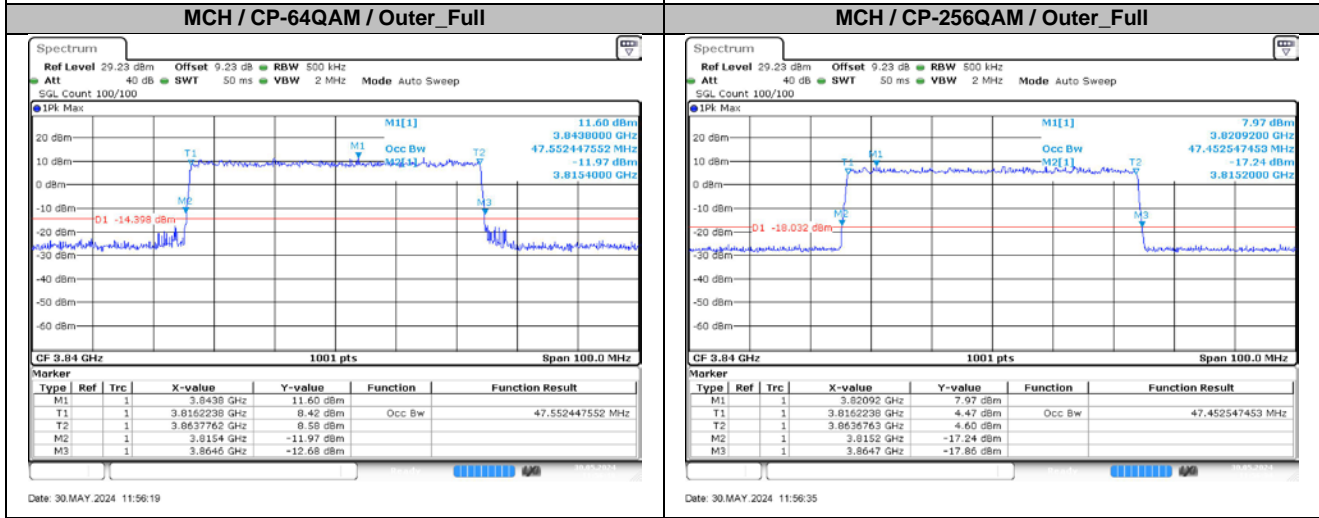
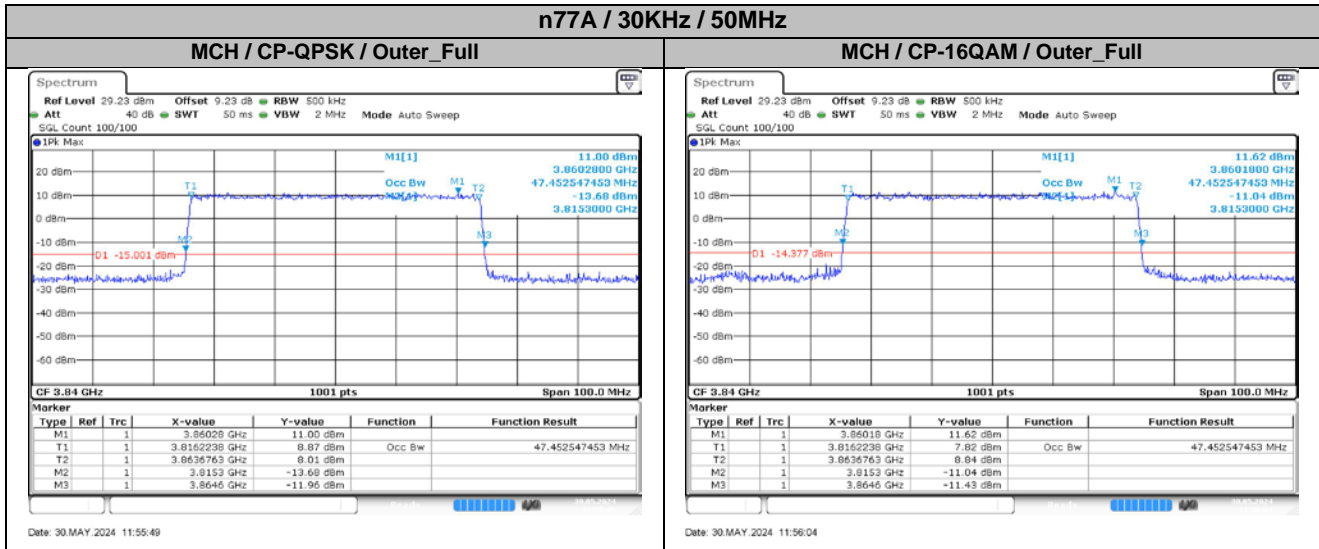
n77A / 30kHz / 25MHz

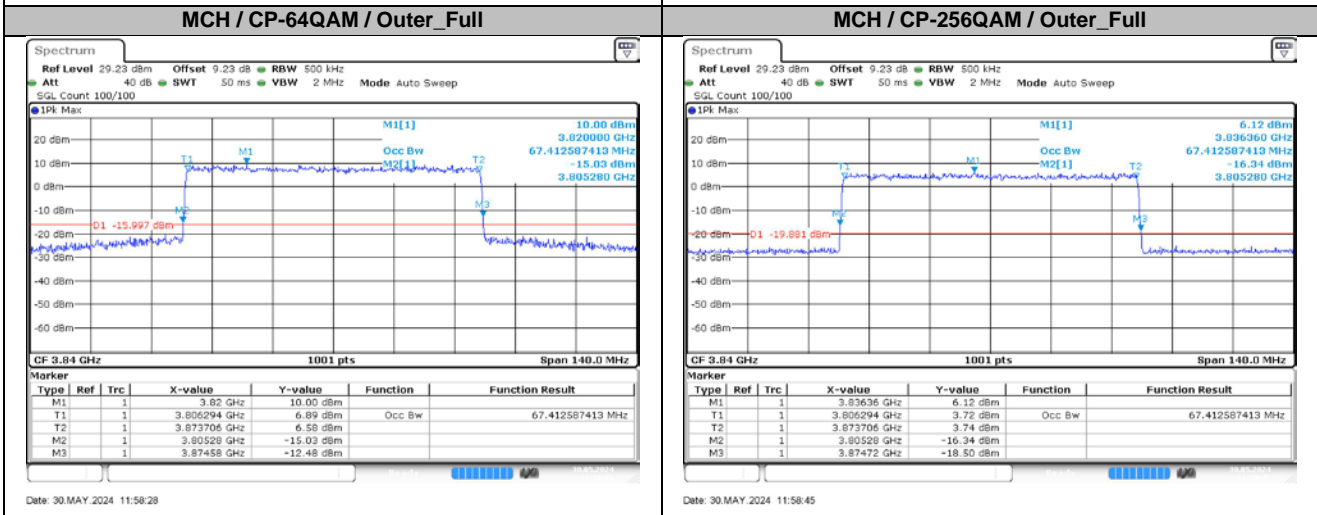
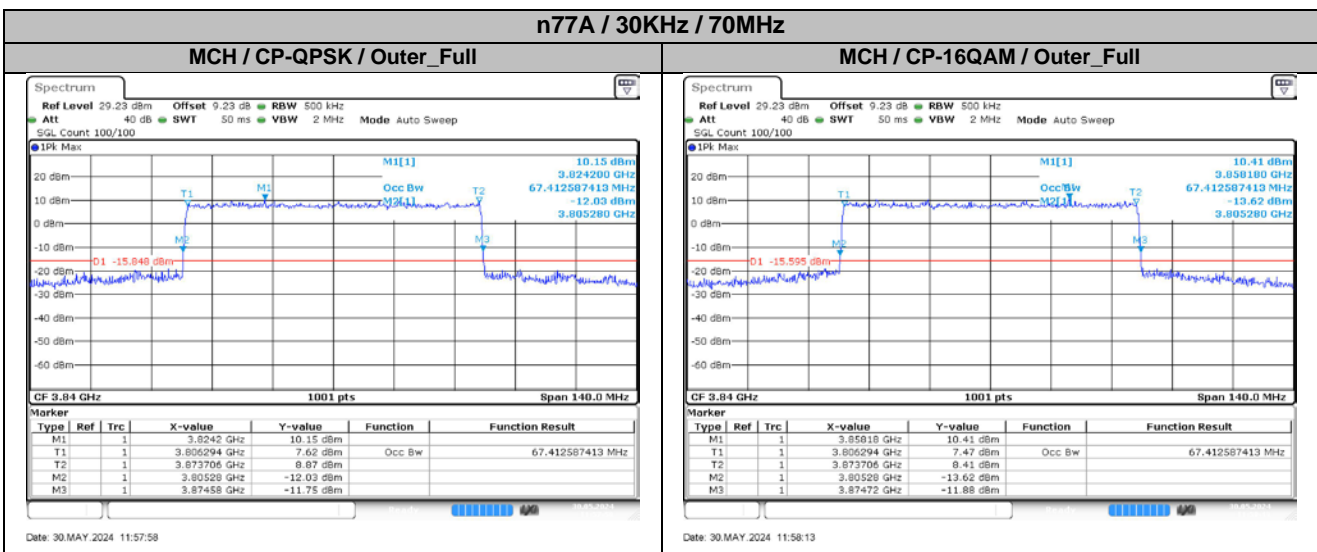
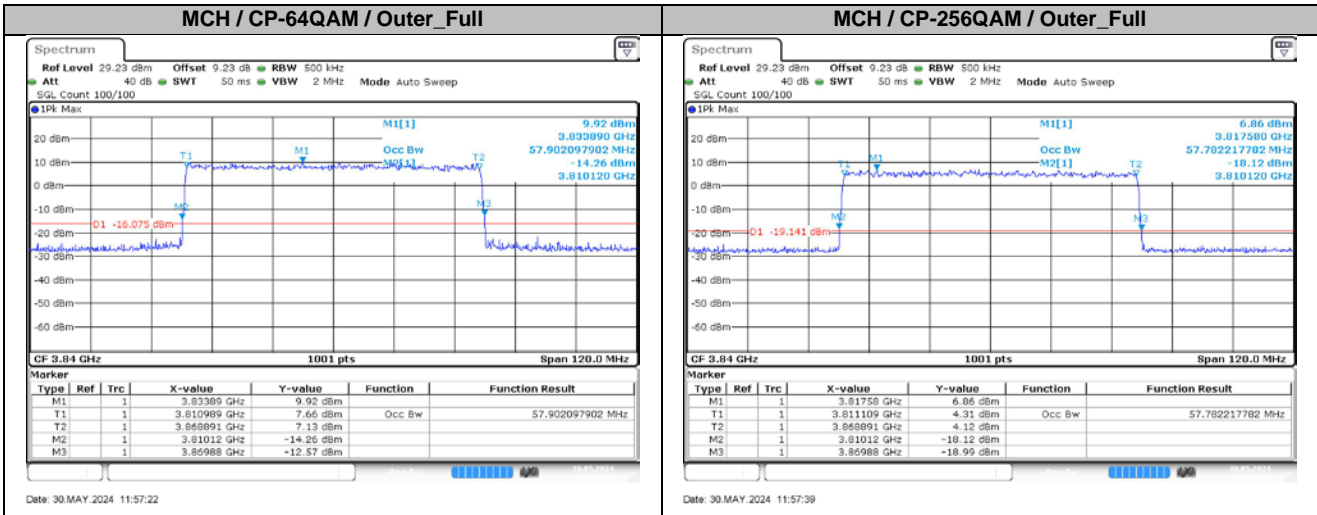


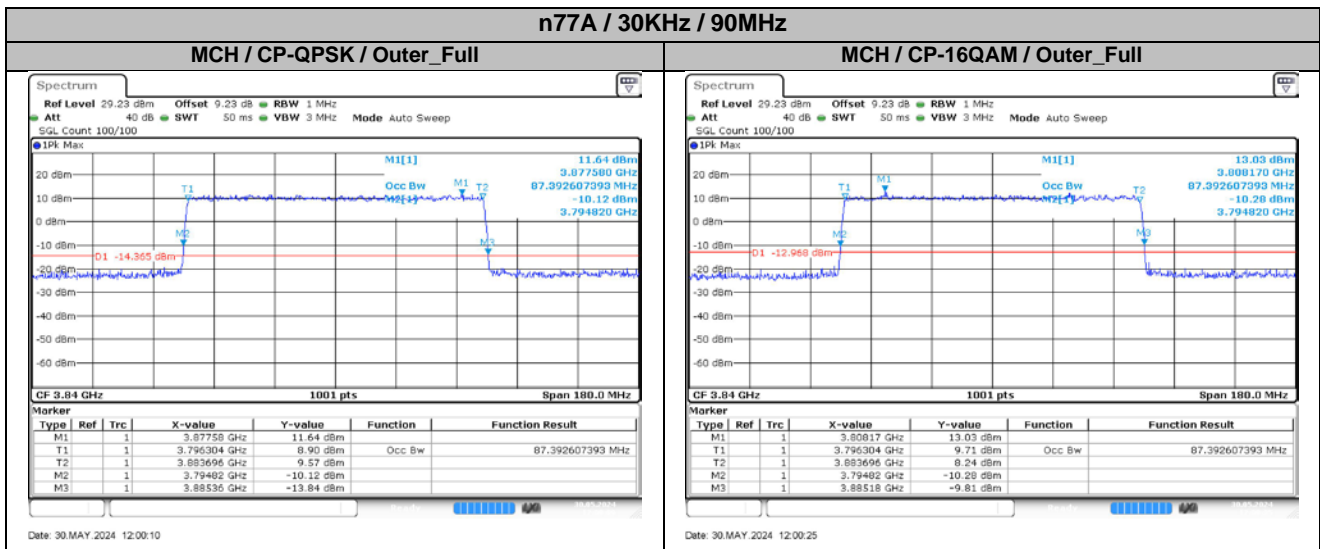
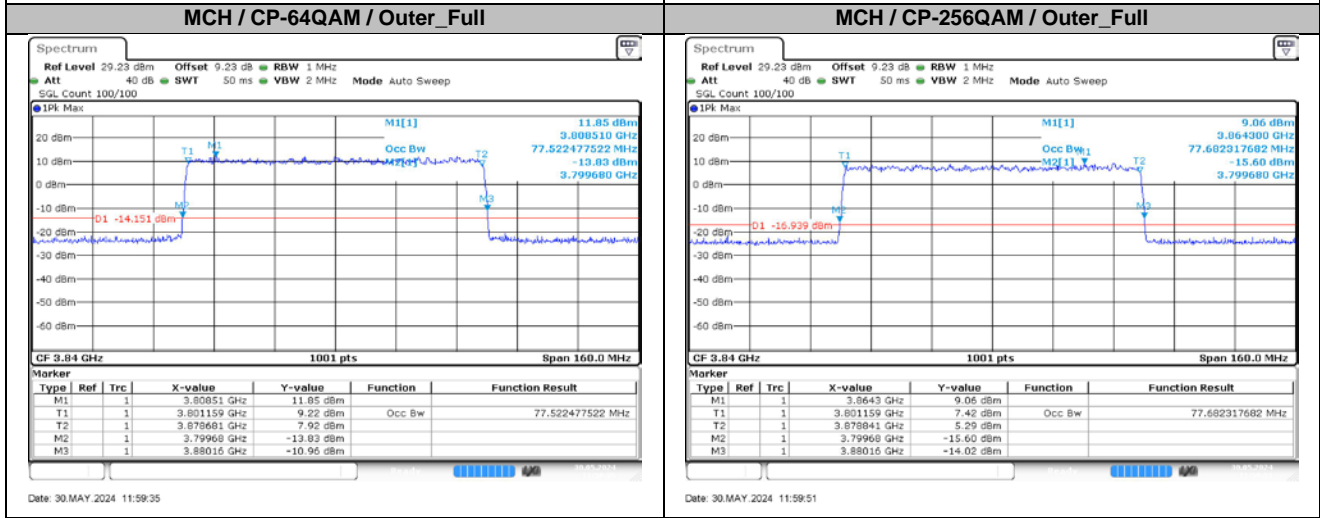
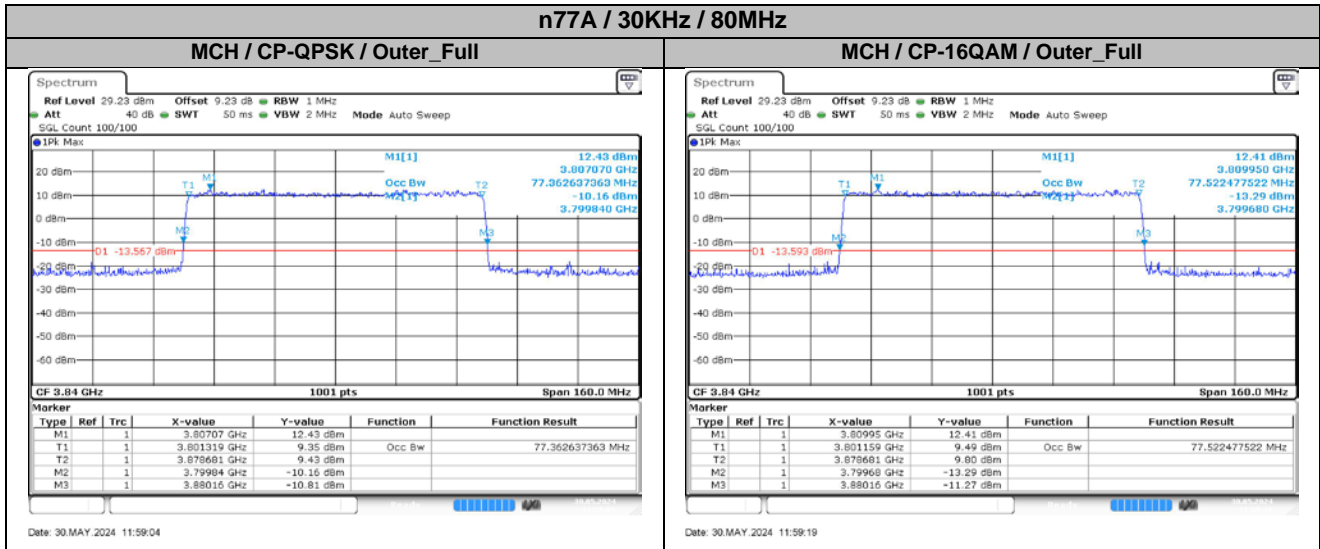
n77A / 30kHz / 30MHz

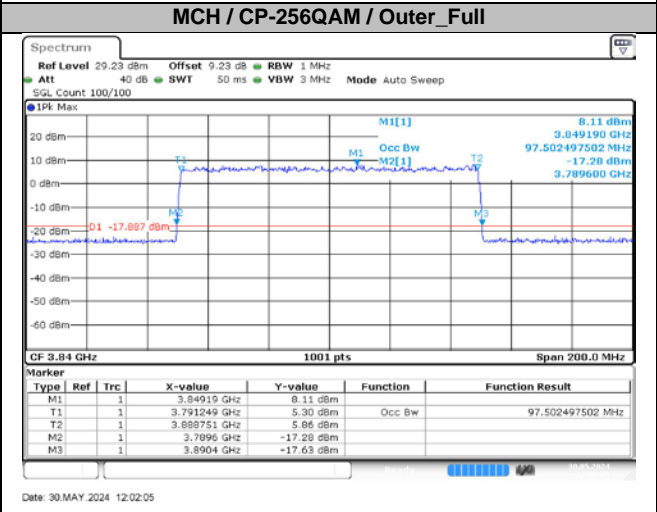
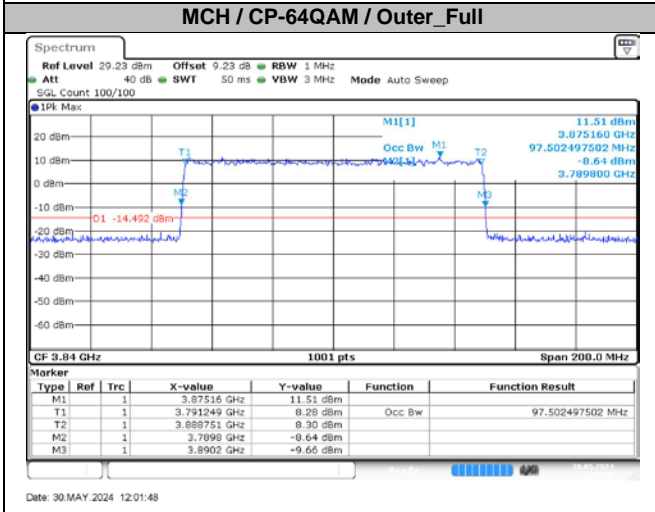
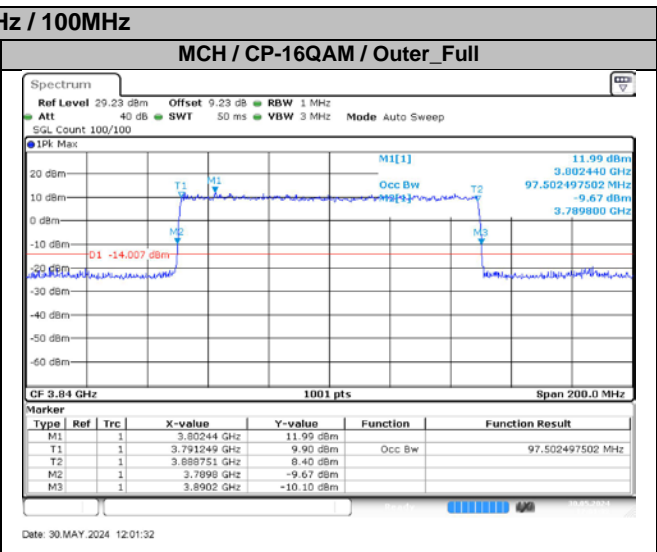
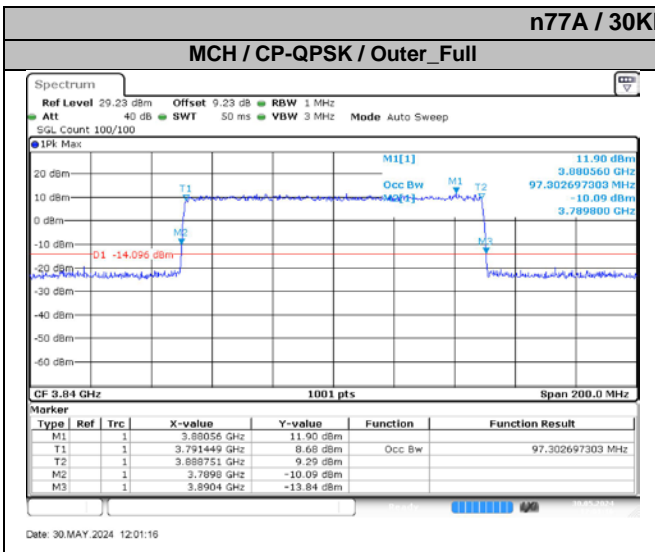
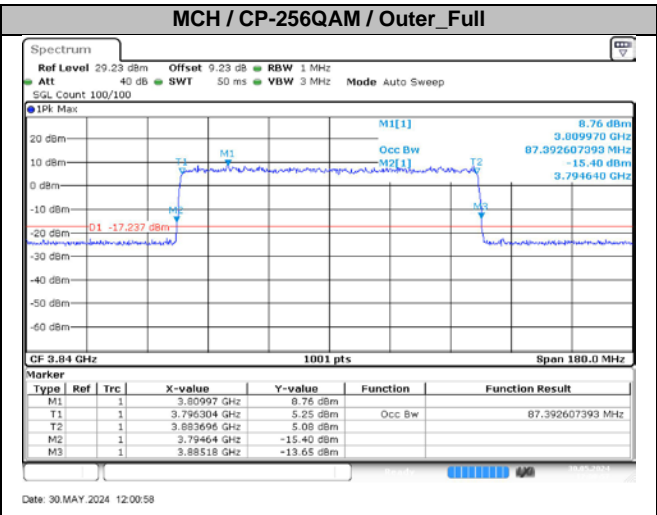
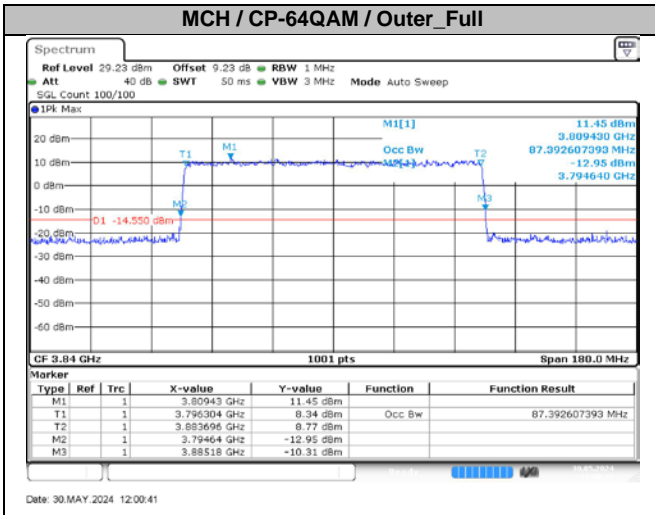




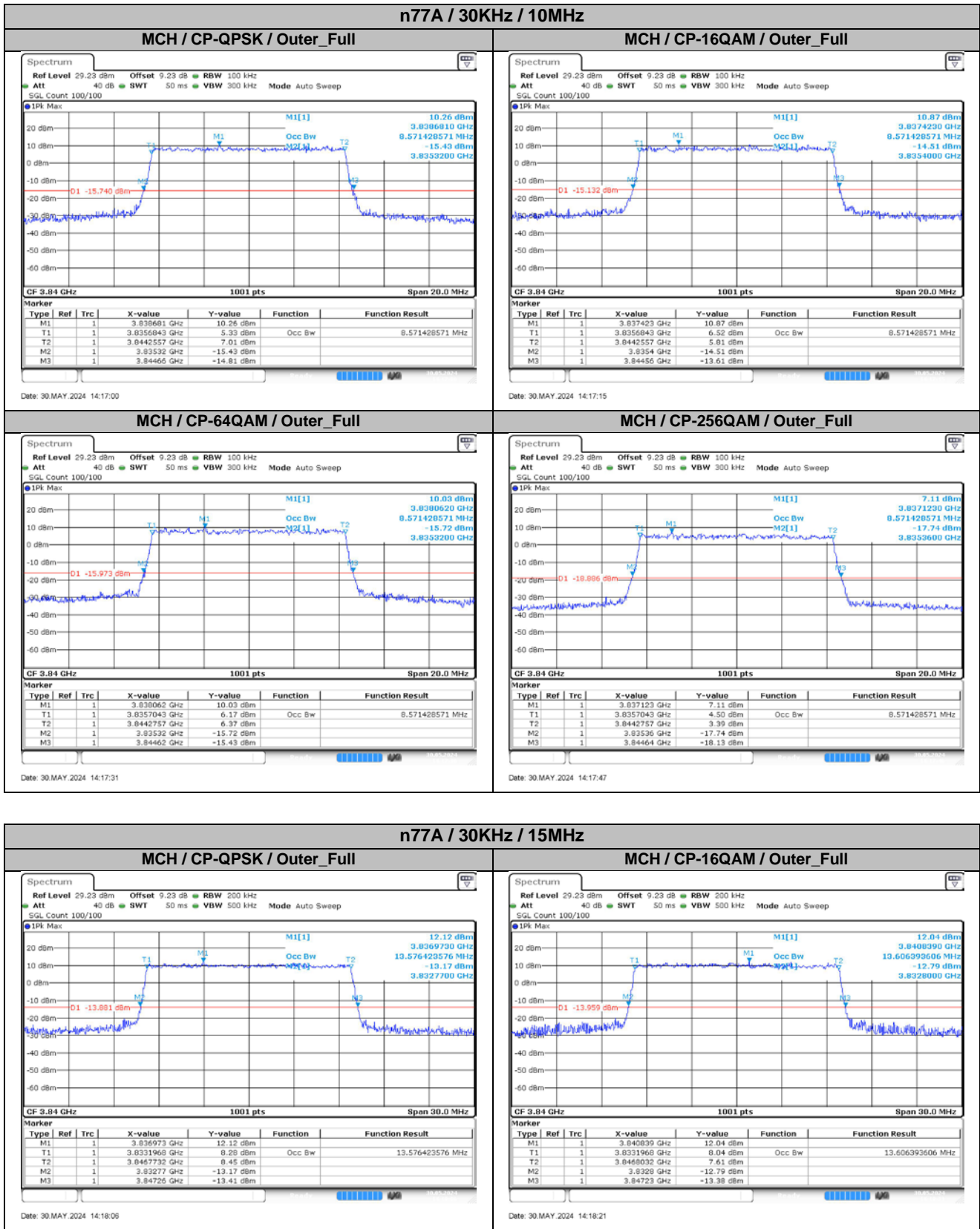


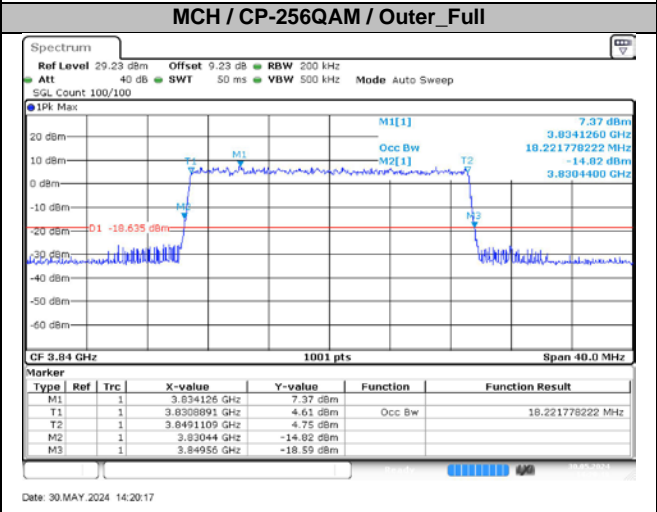
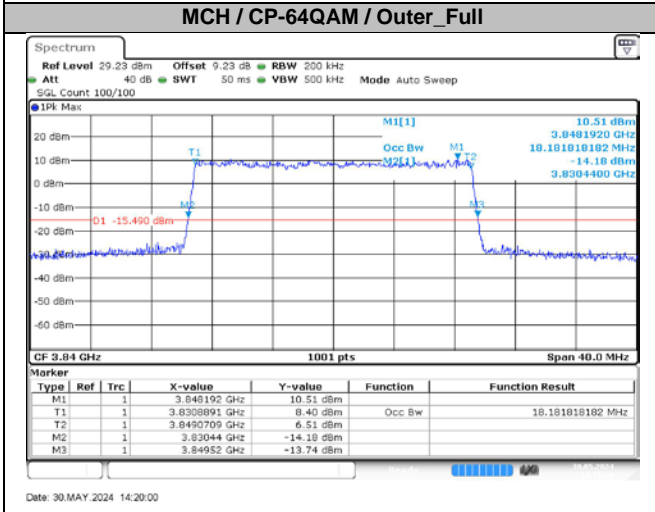
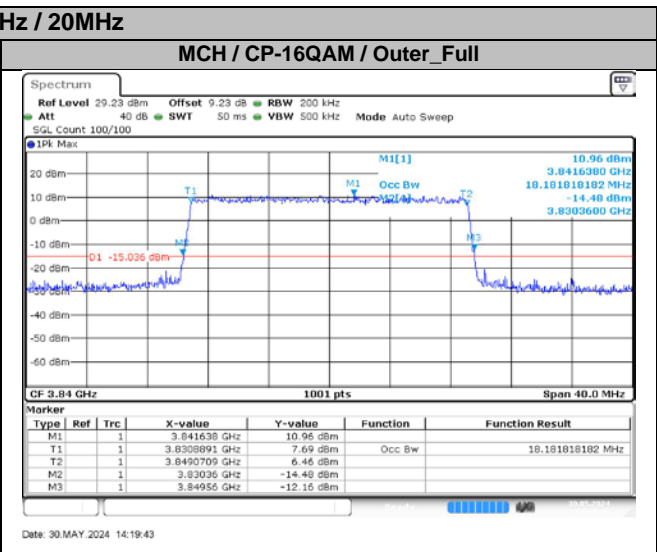
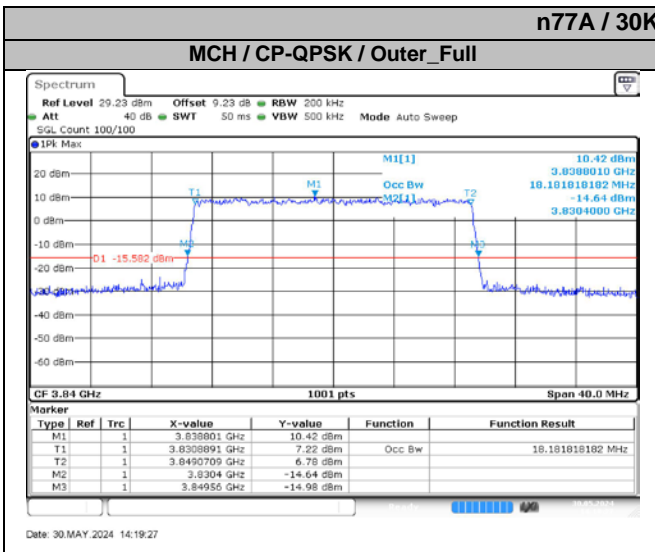
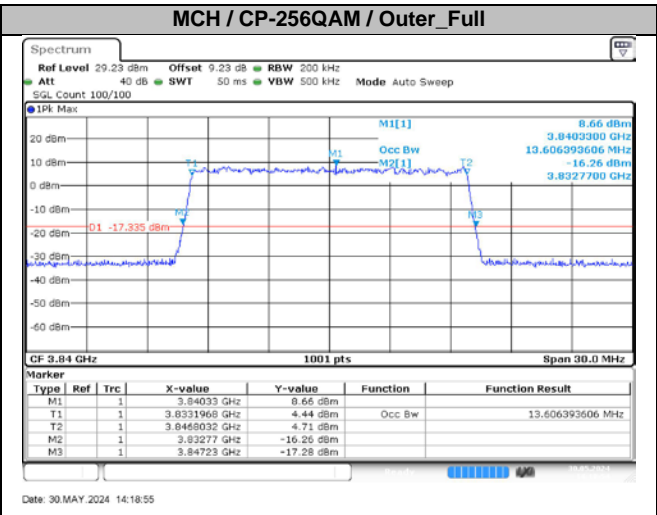
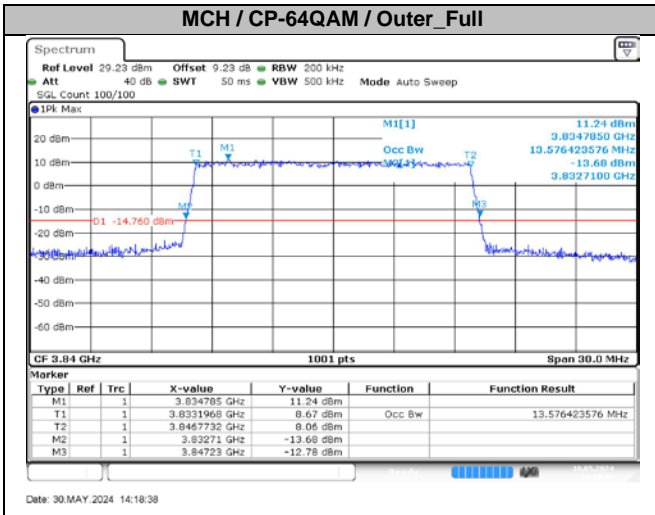




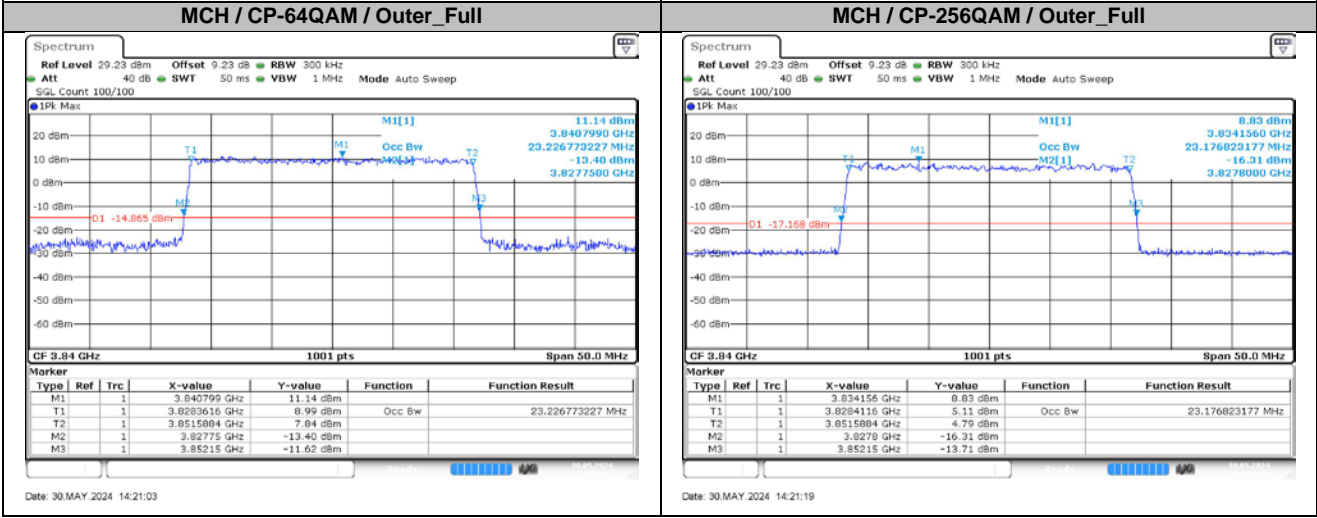
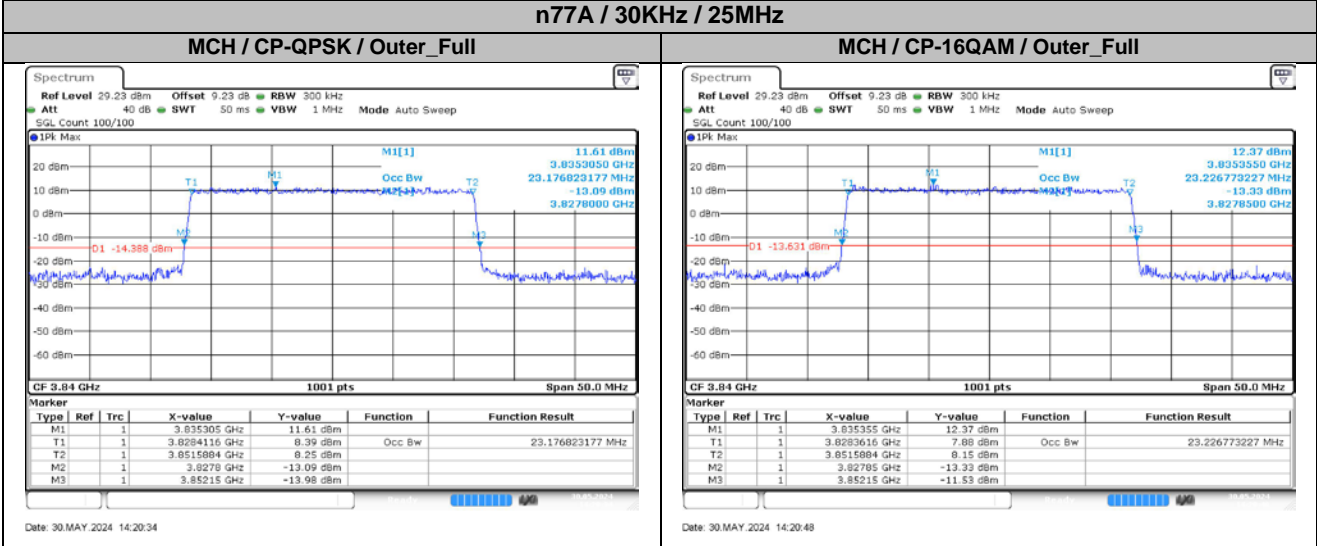


4.3. Test Plots for Ant5





n77A / 30KHz / 25MHz



n77A / 30KHz / 30MHz

