

Appendix for n78A (3700-3800)

Catalogue

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant7 (Antenna Gain=-4.50dBi)

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	25.65	25.68	25.70	21.20	30.00	Pass
30KHz	10MHz	LCH	DFT-QPSK	25.66	25.65	25.73	21.23	30.00	Pass
30KHz	10MHz	LCH	DFT-16QAM	24.58	24.61	24.65	20.15	30.00	Pass
30KHz	10MHz	LCH	DFT-64QAM	23.15	23.21	23.22	18.72	30.00	Pass
30KHz	10MHz	LCH	DFT-256QAM	21.19	21.16	21.18	16.69	30.00	Pass
30KHz	10MHz	LCH	CP-QPSK	24.20	24.16	24.21	19.71	30.00	Pass
30KHz	10MHz	MCH	DFT-Pi2BPSK	25.72	25.72	25.65	21.22	30.00	Pass
30KHz	10MHz	MCH	DFT-QPSK	25.68	25.73	25.72	21.23	30.00	Pass
30KHz	10MHz	MCH	DFT-16QAM	24.63	24.72	24.64	20.22	30.00	Pass
30KHz	10MHz	MCH	DFT-64QAM	23.20	23.21	23.17	18.71	30.00	Pass
30KHz	10MHz	MCH	DFT-256QAM	21.25	21.22	21.15	16.75	30.00	Pass
30KHz	10MHz	MCH	CP-QPSK	24.19	24.22	24.22	19.72	30.00	Pass
30KHz	10MHz	HCH	DFT-Pi2BPSK	25.75	25.78	25.89	21.39	30.00	Pass
30KHz	10MHz	HCH	DFT-QPSK	25.80	25.81	25.88	21.38	30.00	Pass
30KHz	10MHz	HCH	DFT-16QAM	24.80	24.79	24.80	20.30	30.00	Pass
30KHz	10MHz	HCH	DFT-64QAM	23.28	23.35	23.32	18.85	30.00	Pass
30KHz	10MHz	HCH	DFT-256QAM	21.33	21.34	21.32	16.84	30.00	Pass
30KHz	10MHz	HCH	CP-QPSK	24.24	24.35	24.35	19.85	30.00	Pass
30KHz	15MHz	LCH	DFT-Pi2BPSK	25.87	25.81	25.85	21.37	30.00	Pass
30KHz	15MHz	LCH	DFT-QPSK	25.80	25.79	25.80	21.30	30.00	Pass
30KHz	15MHz	LCH	DFT-16QAM	24.84	24.80	24.85	20.35	30.00	Pass
30KHz	15MHz	LCH	DFT-64QAM	23.35	23.36	23.35	18.86	30.00	Pass
30KHz	15MHz	LCH	DFT-256QAM	21.34	21.32	21.40	16.90	30.00	Pass
30KHz	15MHz	LCH	CP-QPSK	24.39	24.35	24.37	19.89	30.00	Pass
30KHz	15MHz	MCH	DFT-Pi2BPSK	25.85	25.84	25.90	21.40	30.00	Pass
30KHz	15MHz	MCH	DFT-QPSK	25.85	25.89	25.84	21.39	30.00	Pass
30KHz	15MHz	MCH	DFT-16QAM	24.84	24.95	24.86	20.45	30.00	Pass
30KHz	15MHz	MCH	DFT-64QAM	23.38	23.39	23.36	18.89	30.00	Pass
30KHz	15MHz	MCH	DFT-256QAM	21.44	21.44	21.36	16.94	30.00	Pass
30KHz	15MHz	MCH	CP-QPSK	24.34	24.38	24.39	19.89	30.00	Pass
30KHz	15MHz	HCH	DFT-Pi2BPSK	25.83	25.94	25.94	21.44	30.00	Pass
30KHz	15MHz	HCH	DFT-QPSK	25.85	25.89	25.87	21.39	30.00	Pass
30KHz	15MHz	HCH	DFT-16QAM	24.86	24.96	24.99	20.49	30.00	Pass
30KHz	15MHz	HCH	DFT-64QAM	23.41	23.39	23.44	18.94	30.00	Pass
30KHz	15MHz	HCH	DFT-256QAM	21.41	21.44	21.49	16.99	30.00	Pass
30KHz	15MHz	HCH	CP-QPSK	24.39	24.43	24.43	19.93	30.00	Pass
30KHz	20MHz	LCH	DFT-Pi2BPSK	25.76	25.75	25.81	21.31	30.00	Pass
30KHz	20MHz	LCH	DFT-QPSK	25.75	25.82	25.84	21.34	30.00	Pass
30KHz	20MHz	LCH	DFT-16QAM	24.78	24.82	24.85	20.35	30.00	Pass
30KHz	20MHz	LCH	DFT-64QAM	23.32	23.35	23.32	18.85	30.00	Pass
30KHz	20MHz	LCH	DFT-256QAM	21.26	21.31	21.21	16.81	30.00	Pass
30KHz	20MHz	LCH	CP-QPSK	24.29	24.37	24.29	19.87	30.00	Pass
30KHz	20MHz	MCH	DFT-Pi2BPSK	25.86	25.85	25.83	21.36	30.00	Pass
30KHz	20MHz	MCH	DFT-QPSK	25.79	25.81	25.84	21.34	30.00	Pass
30KHz	20MHz	MCH	DFT-16QAM	24.78	24.84	24.89	20.39	30.00	Pass
30KHz	20MHz	MCH	DFT-64QAM	23.33	23.30	23.29	18.83	30.00	Pass
30KHz	20MHz	MCH	DFT-256QAM	21.41	21.43	21.31	16.93	30.00	Pass
30KHz	20MHz	MCH	CP-QPSK	24.34	24.38	24.33	19.88	30.00	Pass
30KHz	20MHz	HCH	DFT-Pi2BPSK	25.89	25.92	25.97	21.47	30.00	Pass
30KHz	20MHz	HCH	DFT-QPSK	25.82	25.95	25.91	21.45	30.00	Pass
30KHz	20MHz	HCH	DFT-16QAM	24.83	24.93	25.00	20.50	30.00	Pass
30KHz	20MHz	HCH	DFT-64QAM	23.28	23.41	23.43	18.93	30.00	Pass
30KHz	20MHz	HCH	DFT-256QAM	21.40	21.50	21.39	17.00	30.00	Pass
30KHz	20MHz	HCH	CP-QPSK	24.27	24.49	24.45	19.99	30.00	Pass
30KHz	30MHz	LCH	DFT-Pi2BPSK	25.80	25.82	25.81	21.32	30.00	Pass
30KHz	30MHz	LCH	DFT-QPSK	25.90	25.90	25.77	21.40	30.00	Pass
30KHz	30MHz	LCH	DFT-16QAM	24.78	24.83	24.81	20.33	30.00	Pass
30KHz	30MHz	LCH	DFT-64QAM	23.36	23.38	23.25	18.88	30.00	Pass

30KHz	30MHz	LCH	DFT-256QAM	21.38	21.40	21.29	16.90	30.00	Pass
30KHz	30MHz	LCH	CP-QPSK	24.47	24.48	24.27	19.98	30.00	Pass
30KHz	30MHz	MCH	DFT-Pi2BPSK	25.93	26.04	25.94	21.54	30.00	Pass
30KHz	30MHz	MCH	DFT-QPSK	25.93	26.00	25.94	21.50	30.00	Pass
30KHz	30MHz	MCH	DFT-16QAM	24.88	25.04	24.91	20.54	30.00	Pass
30KHz	30MHz	MCH	DFT-64QAM	23.41	23.55	23.40	19.05	30.00	Pass
30KHz	30MHz	MCH	DFT-256QAM	21.43	21.60	21.42	17.10	30.00	Pass
30KHz	30MHz	MCH	CP-QPSK	24.36	24.51	24.36	20.01	30.00	Pass
30KHz	30MHz	HCH	DFT-Pi2BPSK	25.89	26.10	25.93	21.60	30.00	Pass
30KHz	30MHz	HCH	DFT-QPSK	25.82	26.05	25.92	21.55	30.00	Pass
30KHz	30MHz	HCH	DFT-16QAM	24.91	25.07	24.94	20.57	30.00	Pass
30KHz	30MHz	HCH	DFT-64QAM	23.47	23.65	23.47	19.15	30.00	Pass
30KHz	30MHz	HCH	DFT-256QAM	21.48	21.59	21.48	17.09	30.00	Pass
30KHz	30MHz	HCH	CP-QPSK	24.32	24.48	24.48	19.98	30.00	Pass
30KHz	40MHz	LCH	DFT-Pi2BPSK	25.96	26.05	25.85	21.55	30.00	Pass
30KHz	40MHz	LCH	DFT-QPSK	25.93	26.01	25.82	21.51	30.00	Pass
30KHz	40MHz	LCH	DFT-16QAM	24.94	24.99	24.79	20.49	30.00	Pass
30KHz	40MHz	LCH	DFT-64QAM	23.39	23.48	23.25	18.98	30.00	Pass
30KHz	40MHz	LCH	DFT-256QAM	21.50	21.57	21.33	17.07	30.00	Pass
30KHz	40MHz	LCH	CP-QPSK	24.42	24.49	24.36	19.99	30.00	Pass
30KHz	40MHz	MCH	DFT-Pi2BPSK	26.01	26.14	25.91	21.64	30.00	Pass
30KHz	40MHz	MCH	DFT-QPSK	25.94	26.14	25.92	21.64	30.00	Pass
30KHz	40MHz	MCH	DFT-16QAM	24.97	25.15	24.96	20.65	30.00	Pass
30KHz	40MHz	MCH	DFT-64QAM	23.44	23.66	23.40	19.16	30.00	Pass
30KHz	40MHz	MCH	DFT-256QAM	21.51	21.66	21.46	17.16	30.00	Pass
30KHz	40MHz	MCH	CP-QPSK	24.48	24.61	24.53	20.11	30.00	Pass
30KHz	40MHz	HCH	DFT-Pi2BPSK	26.01	26.23	25.99	21.73	30.00	Pass
30KHz	40MHz	HCH	DFT-QPSK	25.96	26.22	25.96	21.72	30.00	Pass
30KHz	40MHz	HCH	DFT-16QAM	25.04	25.25	24.97	20.75	30.00	Pass
30KHz	40MHz	HCH	DFT-64QAM	23.48	23.75	23.50	19.25	30.00	Pass
30KHz	40MHz	HCH	DFT-256QAM	21.58	21.80	21.54	17.30	30.00	Pass
30KHz	40MHz	HCH	CP-QPSK	24.46	24.73	24.48	20.23	30.00	Pass
30KHz	50MHz	LCH	DFT-Pi2BPSK	25.69	25.71	25.72	21.22	30.00	Pass
30KHz	50MHz	LCH	DFT-QPSK	25.65	25.68	25.73	21.23	30.00	Pass
30KHz	50MHz	LCH	DFT-16QAM	24.58	24.66	24.75	20.25	30.00	Pass
30KHz	50MHz	LCH	DFT-64QAM	23.11	23.27	23.28	18.78	30.00	Pass
30KHz	50MHz	LCH	DFT-256QAM	21.23	21.29	21.23	16.79	30.00	Pass
30KHz	50MHz	LCH	CP-QPSK	24.22	24.31	24.25	19.81	30.00	Pass
30KHz	50MHz	MCH	DFT-Pi2BPSK	25.66	25.80	25.75	21.30	30.00	Pass
30KHz	50MHz	MCH	DFT-QPSK	25.69	25.81	25.76	21.31	30.00	Pass
30KHz	50MHz	MCH	DFT-16QAM	24.67	24.76	24.76	20.26	30.00	Pass
30KHz	50MHz	MCH	DFT-64QAM	23.22	23.31	23.33	18.83	30.00	Pass
30KHz	50MHz	MCH	DFT-256QAM	21.17	21.28	21.18	16.78	30.00	Pass
30KHz	50MHz	MCH	CP-QPSK	24.28	24.29	24.26	19.79	30.00	Pass
30KHz	50MHz	HCH	DFT-Pi2BPSK	25.52	25.81	25.72	21.31	30.00	Pass
30KHz	50MHz	HCH	DFT-QPSK	25.57	25.83	25.72	21.33	30.00	Pass
30KHz	50MHz	HCH	DFT-16QAM	24.50	24.79	24.75	20.29	30.00	Pass
30KHz	50MHz	HCH	DFT-64QAM	23.07	23.33	23.31	18.83	30.00	Pass
30KHz	50MHz	HCH	DFT-256QAM	21.14	21.36	21.20	16.86	30.00	Pass
30KHz	50MHz	HCH	CP-QPSK	24.04	24.30	24.23	19.80	30.00	Pass
30KHz	60MHz	LCH	DFT-Pi2BPSK	25.56	25.76	25.72	21.26	30.00	Pass
30KHz	60MHz	LCH	DFT-QPSK	25.48	25.71	25.74	21.24	30.00	Pass
30KHz	60MHz	LCH	DFT-16QAM	24.32	24.69	24.65	20.19	30.00	Pass
30KHz	60MHz	LCH	DFT-64QAM	22.95	23.24	23.23	18.74	30.00	Pass
30KHz	60MHz	LCH	DFT-256QAM	20.95	21.36	21.21	16.86	30.00	Pass
30KHz	60MHz	LCH	CP-QPSK	23.92	24.21	24.24	19.74	30.00	Pass
30KHz	60MHz	MCH	DFT-Pi2BPSK	25.54	25.85	25.70	21.35	30.00	Pass
30KHz	60MHz	MCH	DFT-QPSK	25.56	25.94	25.76	21.44	30.00	Pass
30KHz	60MHz	MCH	DFT-16QAM	24.52	24.83	24.79	20.33	30.00	Pass
30KHz	60MHz	MCH	DFT-64QAM	23.05	23.39	23.25	18.89	30.00	Pass
30KHz	60MHz	MCH	DFT-256QAM	21.11	21.42	21.25	16.92	30.00	Pass
30KHz	60MHz	MCH	CP-QPSK	24.18	24.40	24.27	19.90	30.00	Pass

30KHz	60MHz	HCH	DFT-Pi2BPSK	25.55	25.95	25.80	21.45	30.00	Pass
30KHz	60MHz	HCH	DFT-QPSK	25.56	25.93	25.81	21.43	30.00	Pass
30KHz	60MHz	HCH	DFT-16QAM	24.47	24.92	24.79	20.42	30.00	Pass
30KHz	60MHz	HCH	DFT-64QAM	23.08	23.45	23.27	18.95	30.00	Pass
30KHz	60MHz	HCH	DFT-256QAM	21.09	21.49	21.31	16.99	30.00	Pass
30KHz	60MHz	HCH	CP-QPSK	23.98	24.35	24.18	19.85	30.00	Pass
30KHz	70MHz	LCH	DFT-Pi2BPSK	25.47	25.63	25.62	21.13	30.00	Pass
30KHz	70MHz	LCH	DFT-QPSK	25.47	25.67	25.67	21.17	30.00	Pass
30KHz	70MHz	LCH	DFT-16QAM	24.38	24.62	24.63	20.13	30.00	Pass
30KHz	70MHz	LCH	DFT-64QAM	22.89	23.13	23.15	18.65	30.00	Pass
30KHz	70MHz	LCH	DFT-256QAM	20.96	21.19	21.16	16.69	30.00	Pass
30KHz	70MHz	LCH	CP-QPSK	24.06	24.24	24.14	19.74	30.00	Pass
30KHz	70MHz	MCH	DFT-Pi2BPSK	25.46	25.69	25.60	21.19	30.00	Pass
30KHz	70MHz	MCH	DFT-QPSK	25.44	25.68	25.55	21.18	30.00	Pass
30KHz	70MHz	MCH	DFT-16QAM	24.45	24.67	24.61	20.17	30.00	Pass
30KHz	70MHz	MCH	DFT-64QAM	22.96	23.21	23.07	18.71	30.00	Pass
30KHz	70MHz	MCH	DFT-256QAM	20.99	21.22	21.11	16.72	30.00	Pass
30KHz	70MHz	MCH	CP-QPSK	23.95	24.14	24.15	19.65	30.00	Pass
30KHz	70MHz	HCH	DFT-Pi2BPSK	25.47	25.82	25.65	21.32	30.00	Pass
30KHz	70MHz	HCH	DFT-QPSK	25.46	25.70	25.65	21.20	30.00	Pass
30KHz	70MHz	HCH	DFT-16QAM	24.56	24.77	24.64	20.27	30.00	Pass
30KHz	70MHz	HCH	DFT-64QAM	22.94	23.31	23.15	18.81	30.00	Pass
30KHz	70MHz	HCH	DFT-256QAM	21.04	21.35	21.16	16.85	30.00	Pass
30KHz	70MHz	HCH	CP-QPSK	23.95	24.27	24.14	19.77	30.00	Pass
30KHz	80MHz	LCH	DFT-Pi2BPSK	25.38	25.79	25.63	21.29	30.00	Pass
30KHz	80MHz	LCH	DFT-QPSK	25.34	25.72	25.63	21.22	30.00	Pass
30KHz	80MHz	LCH	DFT-16QAM	24.45	24.75	24.64	20.25	30.00	Pass
30KHz	80MHz	LCH	DFT-64QAM	22.88	23.26	23.11	18.76	30.00	Pass
30KHz	80MHz	LCH	DFT-256QAM	20.84	21.24	21.13	16.74	30.00	Pass
30KHz	80MHz	LCH	CP-QPSK	24.10	24.30	24.09	19.80	30.00	Pass
30KHz	80MHz	MCH	DFT-Pi2BPSK	25.47	25.88	25.63	21.38	30.00	Pass
30KHz	80MHz	MCH	DFT-QPSK	25.35	25.74	25.63	21.24	30.00	Pass
30KHz	80MHz	MCH	DFT-16QAM	24.46	24.84	24.66	20.34	30.00	Pass
30KHz	80MHz	MCH	DFT-64QAM	22.91	23.33	23.09	18.83	30.00	Pass
30KHz	80MHz	MCH	DFT-256QAM	20.97	21.36	21.12	16.86	30.00	Pass
30KHz	80MHz	MCH	CP-QPSK	24.00	24.37	24.13	19.87	30.00	Pass
30KHz	80MHz	HCH	DFT-Pi2BPSK	25.45	25.84	25.57	21.34	30.00	Pass
30KHz	80MHz	HCH	DFT-QPSK	25.38	25.77	25.63	21.27	30.00	Pass
30KHz	80MHz	HCH	DFT-16QAM	24.49	24.79	24.63	20.29	30.00	Pass
30KHz	80MHz	HCH	DFT-64QAM	22.88	23.27	23.08	18.77	30.00	Pass
30KHz	80MHz	HCH	DFT-256QAM	20.84	21.38	21.06	16.88	30.00	Pass
30KHz	80MHz	HCH	CP-QPSK	23.94	24.36	24.10	19.86	30.00	Pass
30KHz	90MHz	LCH	DFT-Pi2BPSK	25.43	25.92	25.61	21.42	30.00	Pass
30KHz	90MHz	LCH	DFT-QPSK	25.40	25.82	25.62	21.32	30.00	Pass
30KHz	90MHz	LCH	DFT-16QAM	24.24	24.84	24.63	20.34	30.00	Pass
30KHz	90MHz	LCH	DFT-64QAM	22.85	23.42	23.13	18.92	30.00	Pass
30KHz	90MHz	LCH	DFT-256QAM	20.94	21.47	21.12	16.97	30.00	Pass
30KHz	90MHz	LCH	CP-QPSK	23.92	24.42	24.16	19.92	30.00	Pass
30KHz	90MHz	MCH	DFT-Pi2BPSK	25.44	25.93	25.67	21.43	30.00	Pass
30KHz	90MHz	MCH	DFT-QPSK	25.42	25.89	25.64	21.39	30.00	Pass
30KHz	90MHz	MCH	DFT-16QAM	24.29	24.81	24.61	20.31	30.00	Pass
30KHz	90MHz	MCH	DFT-64QAM	22.87	23.41	23.09	18.91	30.00	Pass
30KHz	90MHz	MCH	DFT-256QAM	20.95	21.43	21.04	16.93	30.00	Pass
30KHz	90MHz	MCH	CP-QPSK	23.97	24.45	24.16	19.95	30.00	Pass
30KHz	90MHz	HCH	DFT-Pi2BPSK	25.41	25.85	25.55	21.35	30.00	Pass
30KHz	90MHz	HCH	DFT-QPSK	25.38	25.75	25.60	21.25	30.00	Pass
30KHz	90MHz	HCH	DFT-16QAM	24.25	24.70	24.65	20.20	30.00	Pass
30KHz	90MHz	HCH	DFT-64QAM	22.80	23.32	23.06	18.82	30.00	Pass
30KHz	90MHz	HCH	DFT-256QAM	20.88	21.39	21.04	16.89	30.00	Pass
30KHz	90MHz	HCH	CP-QPSK	23.79	24.29	24.11	19.79	30.00	Pass
30KHz	100MHz	MCH	DFT-Pi2BPSK	25.45	25.92	25.63	21.42	30.00	Pass
30KHz	100MHz	MCH	DFT-QPSK	25.36	25.89	25.61	21.39	30.00	Pass

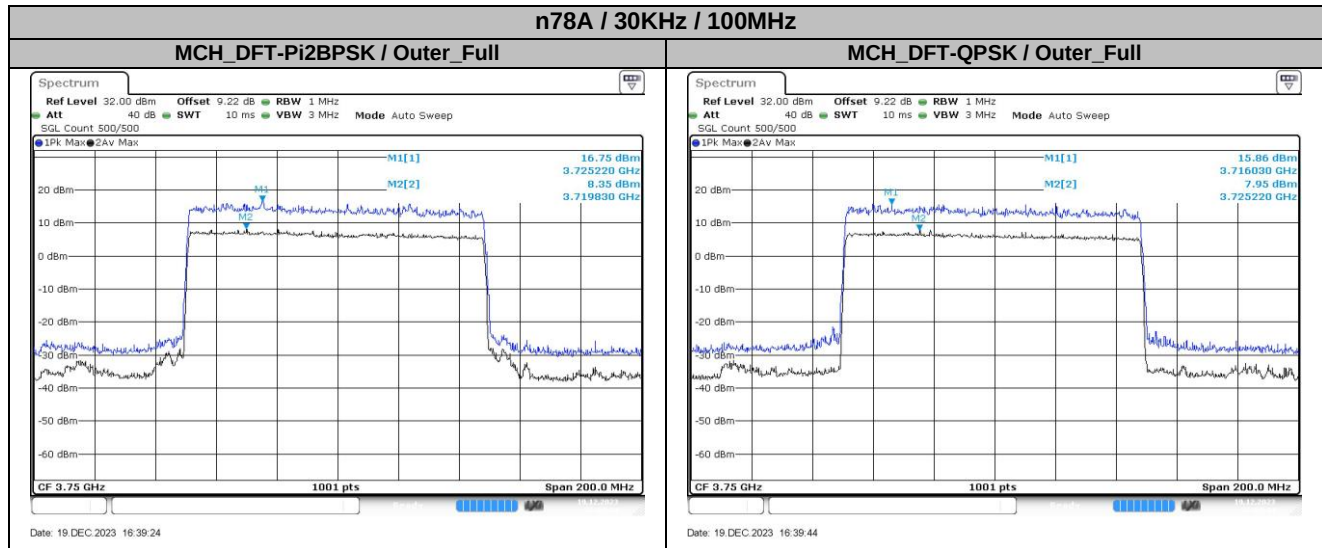
30KHz	100MHz	MCH	DFT-16QAM	24.24	24.85	24.62	20.35	30.00	Pass
30KHz	100MHz	MCH	DFT-64QAM	22.90	23.43	23.09	18.93	30.00	Pass
30KHz	100MHz	MCH	DFT-256QAM	20.92	21.43	21.12	16.93	30.00	Pass
30KHz	100MHz	MCH	CP-QPSK	24.03	24.50	24.14	20.00	30.00	Pass

2. Peak-to-Average Ratio

2.1. Test Results

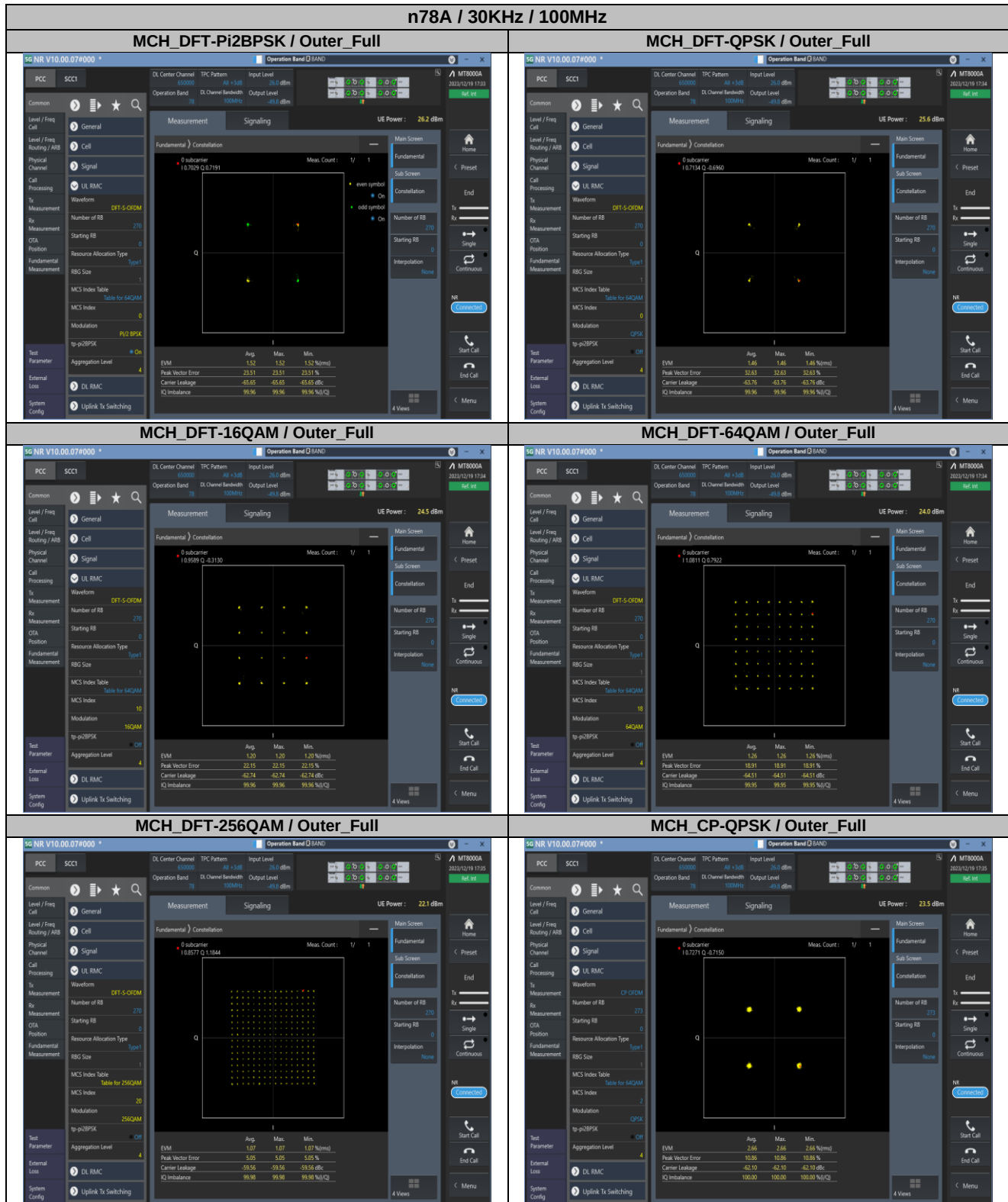
SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
30KHz	100MHz	MCH	Outer_Full	8.39	7.91	13.00	Pass

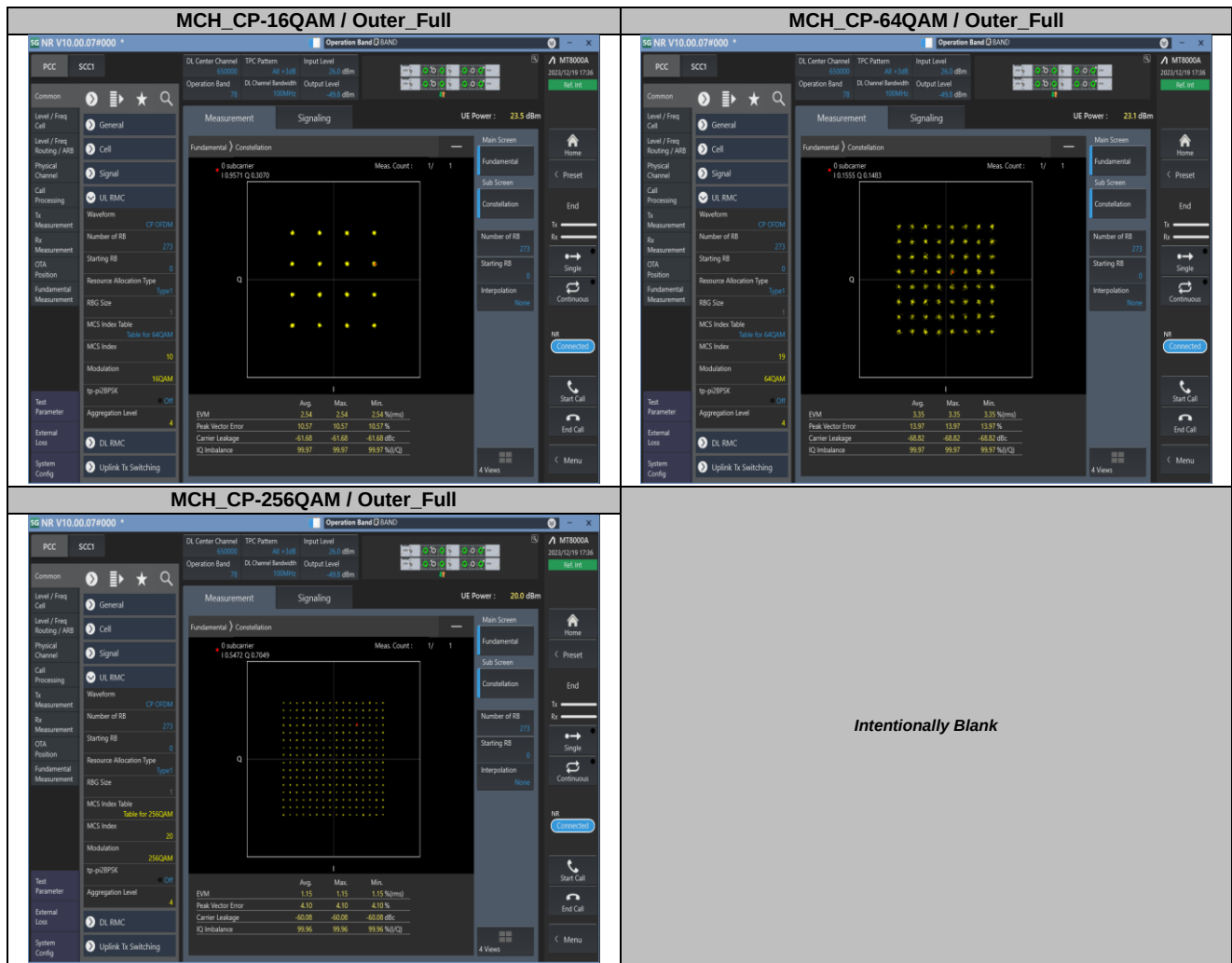
2.2. Test Plots



3. Modulation Characteristics

3.1. Test Plots





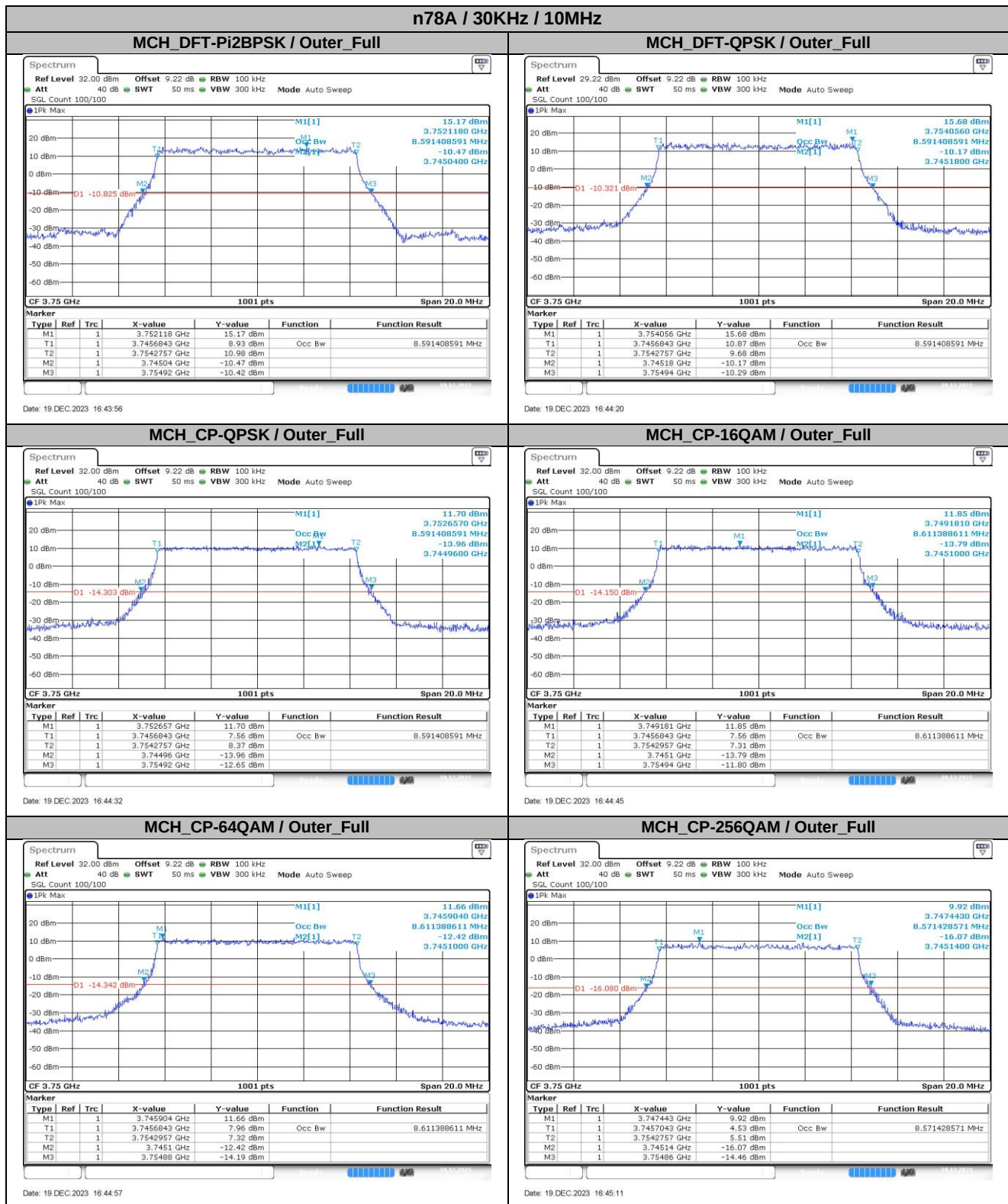
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

4.1. Test Results

SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
30KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.59	9.88	Pass
30KHz	10MHz	DFT-QPSK	Outer_Full	8.59	9.76	Pass
30KHz	10MHz	CP-QPSK	Outer_Full	8.59	9.96	Pass
30KHz	10MHz	CP-16QAM	Outer_Full	8.61	9.84	Pass
30KHz	10MHz	CP-64QAM	Outer_Full	8.61	9.78	Pass
30KHz	10MHz	CP-256QAM	Outer_Full	8.57	9.72	Pass
30KHz	15MHz	DFT-Pi2BPSK	Outer_Full	12.89	14.37	Pass
30KHz	15MHz	DFT-QPSK	Outer_Full	12.92	14.28	Pass
30KHz	15MHz	CP-QPSK	Outer_Full	13.61	15.12	Pass
30KHz	15MHz	CP-16QAM	Outer_Full	13.64	15.36	Pass
30KHz	15MHz	CP-64QAM	Outer_Full	13.61	15.03	Pass
30KHz	15MHz	CP-256QAM	Outer_Full	13.61	15.12	Pass
30KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.86	19.20	Pass
30KHz	20MHz	DFT-QPSK	Outer_Full	17.86	19.40	Pass
30KHz	20MHz	CP-QPSK	Outer_Full	18.18	19.60	Pass
30KHz	20MHz	CP-16QAM	Outer_Full	18.22	19.72	Pass
30KHz	20MHz	CP-64QAM	Outer_Full	18.26	19.68	Pass
30KHz	20MHz	CP-256QAM	Outer_Full	18.18	19.72	Pass
30KHz	30MHz	DFT-Pi2BPSK	Outer_Full	26.79	28.56	Pass
30KHz	30MHz	DFT-QPSK	Outer_Full	26.79	28.74	Pass
30KHz	30MHz	CP-QPSK	Outer_Full	27.81	29.76	Pass

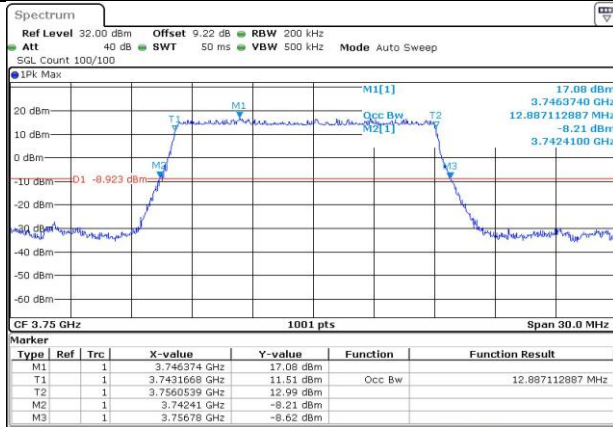
30KHz	30MHz	CP-16QAM	Outer_Full	27.87	29.76	Pass
30KHz	30MHz	CP-64QAM	Outer_Full	27.81	29.64	Pass
30KHz	30MHz	CP-256QAM	Outer_Full	27.87	29.76	Pass
30KHz	40MHz	DFT-Pi2BPSK	Outer_Full	35.64	37.84	Pass
30KHz	40MHz	DFT-QPSK	Outer_Full	35.80	38.08	Pass
30KHz	40MHz	CP-QPSK	Outer_Full	37.88	40.00	Pass
30KHz	40MHz	CP-16QAM	Outer_Full	37.80	40.00	Pass
30KHz	40MHz	CP-64QAM	Outer_Full	37.80	40.16	Pass
30KHz	40MHz	CP-256QAM	Outer_Full	37.88	40.08	Pass
30KHz	50MHz	DFT-Pi2BPSK	Outer_Full	45.65	48.00	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	49.80	Pass
30KHz	50MHz	CP-64QAM	Outer_Full	47.45	49.70	Pass
30KHz	50MHz	CP-256QAM	Outer_Full	47.45	49.80	Pass
30KHz	60MHz	DFT-Pi2BPSK	Outer_Full	57.78	60.24	Pass
30KHz	60MHz	DFT-QPSK	Outer_Full	57.78	60.12	Pass
30KHz	60MHz	CP-QPSK	Outer_Full	57.66	60.24	Pass
30KHz	60MHz	CP-16QAM	Outer_Full	57.78	60.00	Pass
30KHz	60MHz	CP-64QAM	Outer_Full	57.78	60.12	Pass
30KHz	60MHz	CP-256QAM	Outer_Full	57.66	59.88	Pass
30KHz	70MHz	DFT-Pi2BPSK	Outer_Full	64.34	66.50	Pass
30KHz	70MHz	DFT-QPSK	Outer_Full	64.20	66.78	Pass
30KHz	70MHz	CP-QPSK	Outer_Full	67.55	69.86	Pass
30KHz	70MHz	CP-16QAM	Outer_Full	67.55	69.86	Pass
30KHz	70MHz	CP-64QAM	Outer_Full	67.27	69.72	Pass
30KHz	70MHz	CP-256QAM	Outer_Full	67.41	69.86	Pass
30KHz	80MHz	DFT-Pi2BPSK	Outer_Full	77.04	80.32	Pass
30KHz	80MHz	DFT-QPSK	Outer_Full	77.04	80.32	Pass
30KHz	80MHz	CP-QPSK	Outer_Full	77.20	80.80	Pass
30KHz	80MHz	CP-16QAM	Outer_Full	77.36	80.80	Pass
30KHz	80MHz	CP-64QAM	Outer_Full	77.52	80.80	Pass
30KHz	80MHz	CP-256QAM	Outer_Full	77.36	80.80	Pass
30KHz	90MHz	DFT-Pi2BPSK	Outer_Full	86.67	90.00	Pass
30KHz	90MHz	DFT-QPSK	Outer_Full	86.67	90.18	Pass
30KHz	90MHz	CP-QPSK	Outer_Full	87.21	91.08	Pass
30KHz	90MHz	CP-16QAM	Outer_Full	87.21	90.72	Pass
30KHz	90MHz	CP-64QAM	Outer_Full	87.39	90.54	Pass
30KHz	90MHz	CP-256QAM	Outer_Full	87.39	90.90	Pass
30KHz	100MHz	DFT-Pi2BPSK	Outer_Full	96.30	99.80	Pass
30KHz	100MHz	DFT-QPSK	Outer_Full	96.10	99.60	Pass
30KHz	100MHz	CP-QPSK	Outer_Full	97.10	100.80	Pass
30KHz	100MHz	CP-16QAM	Outer_Full	97.10	100.80	Pass
30KHz	100MHz	CP-64QAM	Outer_Full	97.30	100.80	Pass
30KHz	100MHz	CP-256QAM	Outer_Full	97.30	100.80	Pass

4.2. Test Plots



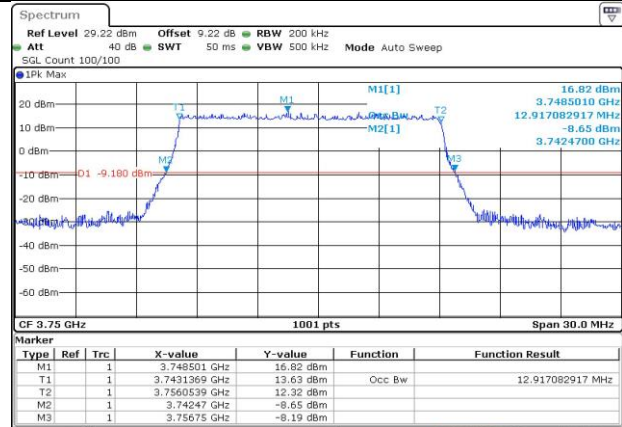
n78A / 30KHz / 15MHz

MCH_DFT-Pi2BPSK / Outer_Full



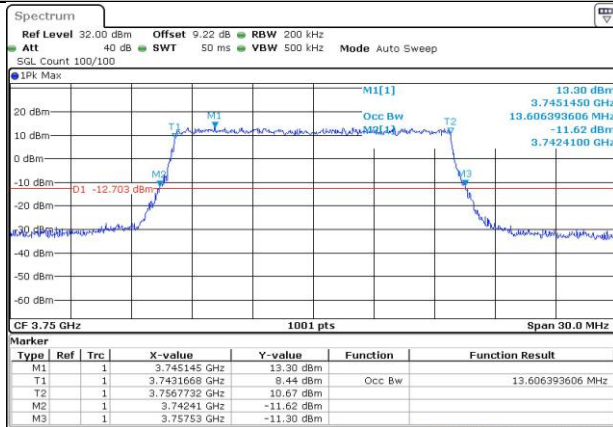
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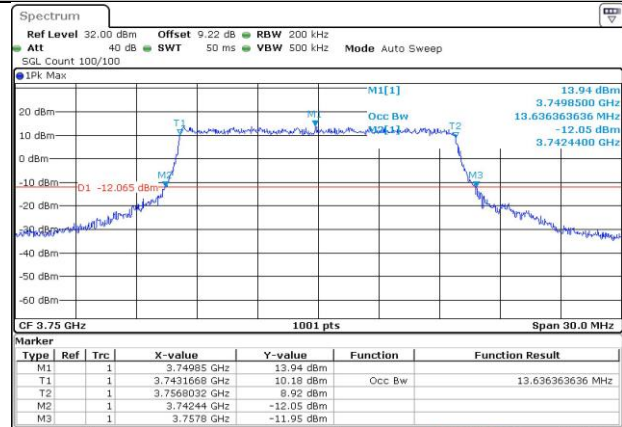
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MCH_CP-QPSK / Outer_Full



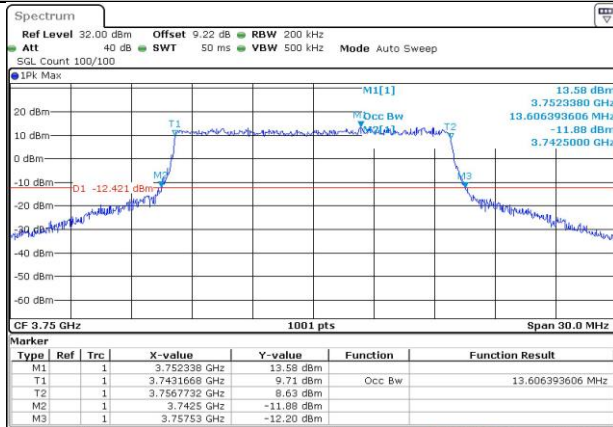
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MCH_CP-16QAM / Outer_Full



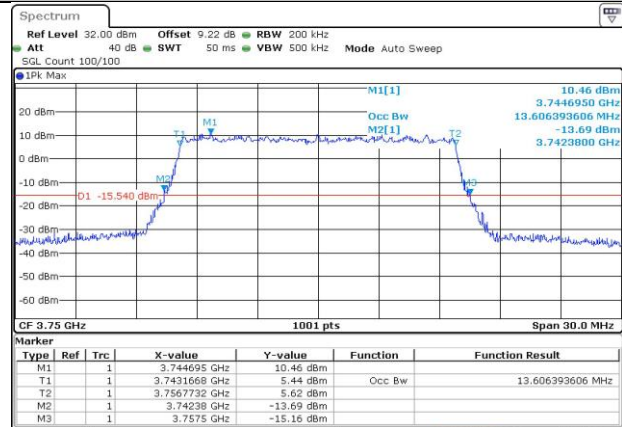
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MCH_CP-64QAM / Outer_Full



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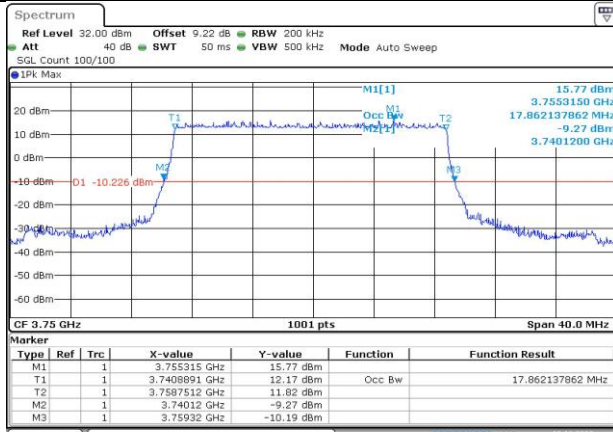
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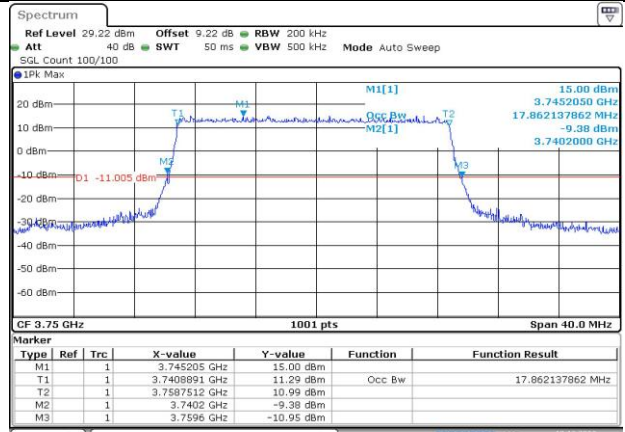
n78A / 30KHz / 20MHz

MCH_DFT-Pi2BPSK / Outer_Full



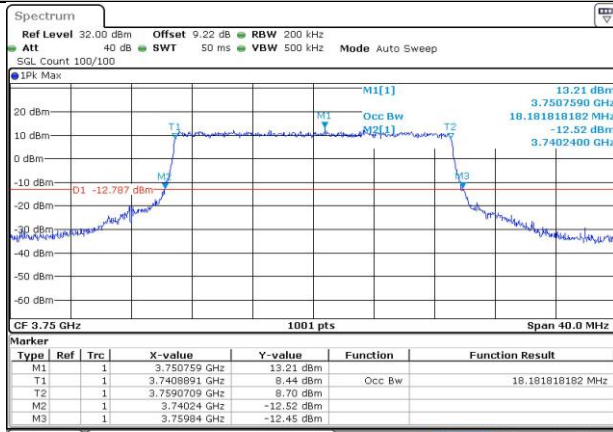
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MCH_DFT-QPSK / Outer_Full



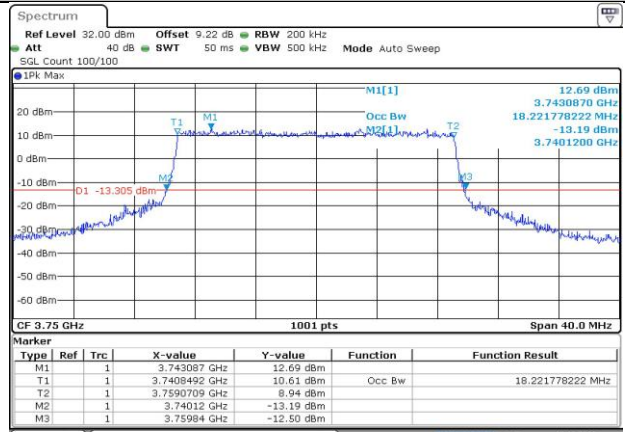
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MCH_CP-QPSK / Outer_Full



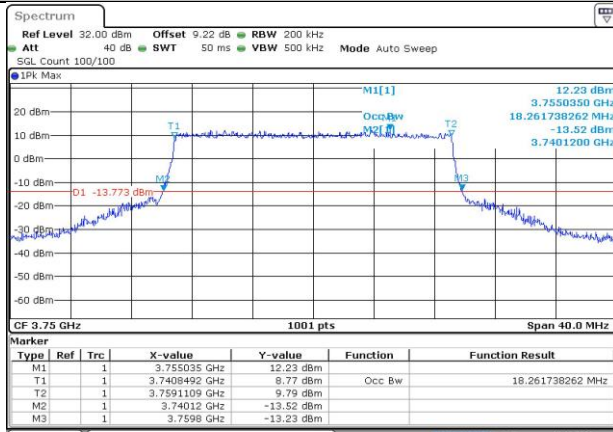
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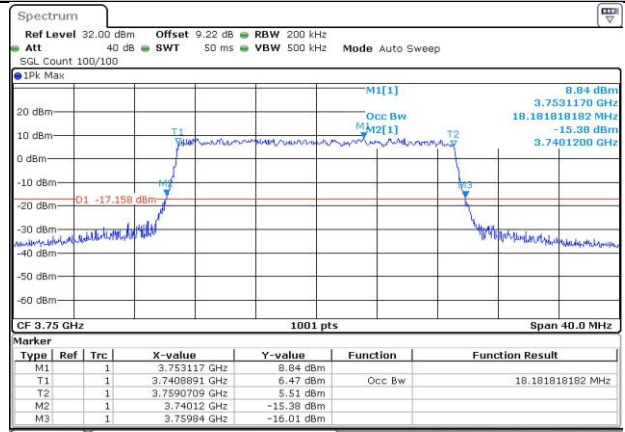
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MCH_CP-64QAM / Outer_Full



Date: 19 DEC 2023 16:48:40

MCH_CP-256QAM / Outer_Full

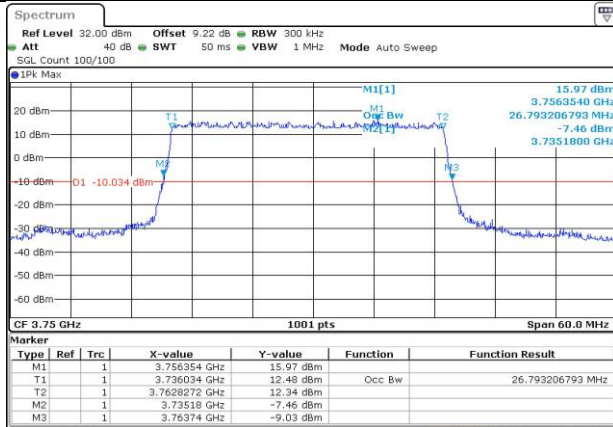


Date: 19 DEC 2023 16:48:54

n78A / 30KHz / 25MHz	
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NTNV_EBW_n78A_Class 2_30KHz_25MHz_MCH_DFT-Pi2BPSK_Outer_Full_Ant7.Pic	NTNV_EBW_n78A_Class 2_30KHz_25MHz_MCH_DFT-QPSK_Outer_Full_Ant7.Pic
MCH_CP-QPSK / Outer_Full	MCH_CP-16QAM / Outer_Full
NTNV_EBW_n78A_Class 2_30KHz_25MHz_MCH_CP-QPSK_Outer_Full_Ant7.Pic	NTNV_EBW_n78A_Class 2_30KHz_25MHz_MCH_CP-16QAM_Outer_Full_Ant7.Pic
MCH_CP-64QAM / Outer_Full	MCH_CP-256QAM / Outer_Full
NTNV_EBW_n78A_Class 2_30KHz_25MHz_MCH_CP-64QAM_Outer_Full_Ant7.Pic	NTNV_EBW_n78A_Class 2_30KHz_25MHz_MCH_CP-256QAM_Outer_Full_Ant7.Pic

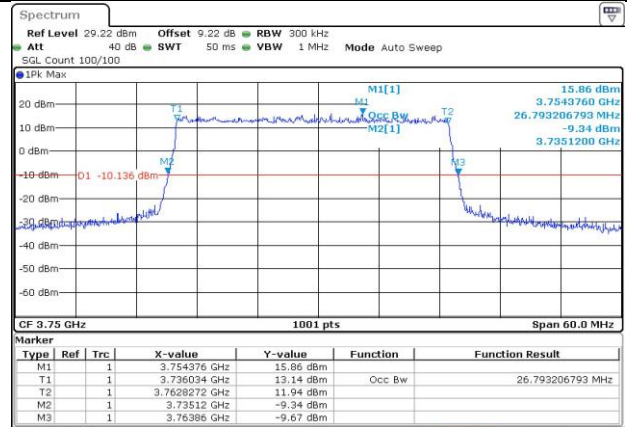
n78A / 30KHz / 30MHz

MCH_DFT-Pi2BPSK / Outer_Full



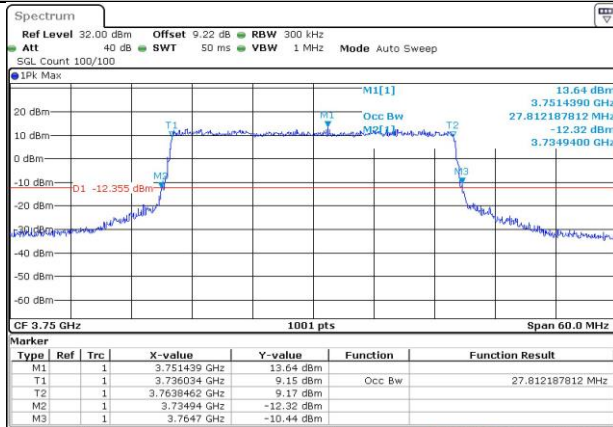
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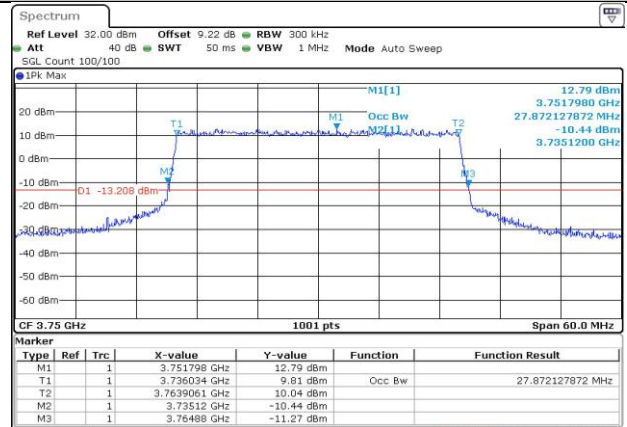
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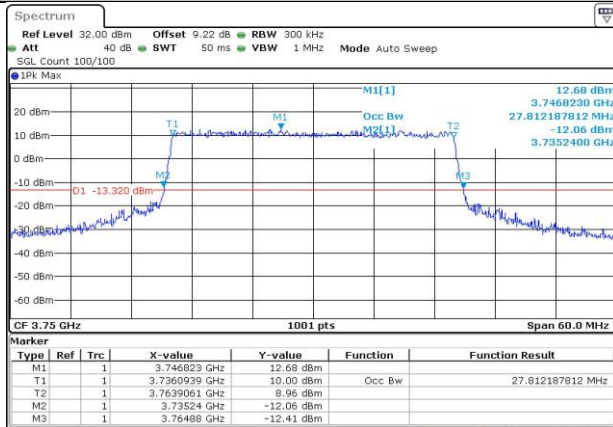
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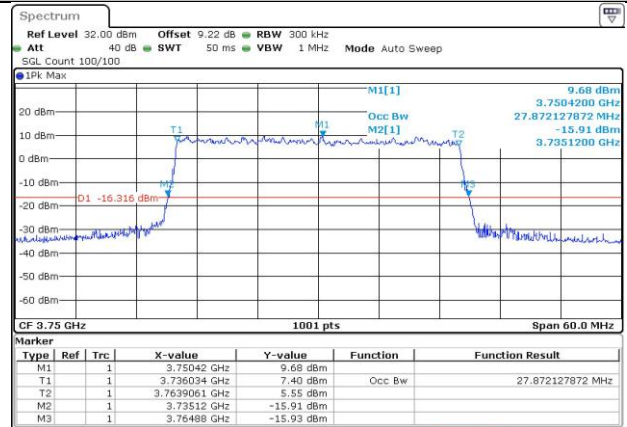
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MCH_CP-64QAM / Outer_Full



Date: 19 DEC 2023 16:50:23

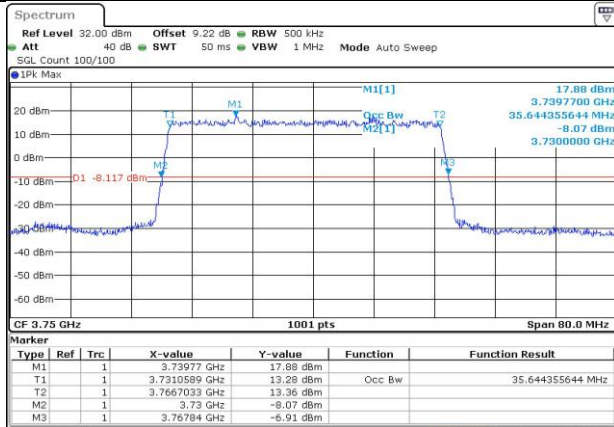
MCH_CP-256QAM / Outer_Full



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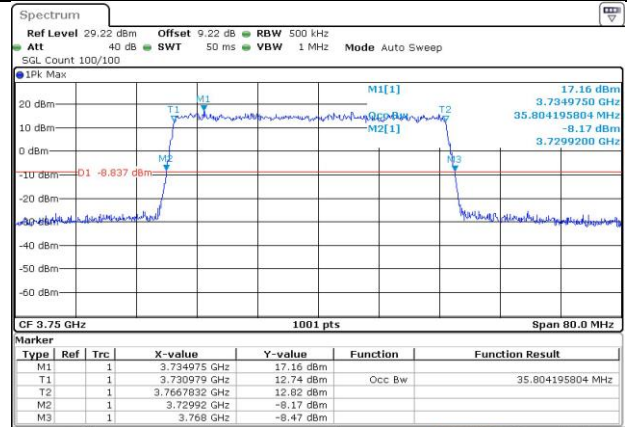
n78A / 30KHz / 40MHz

MCH_DFT-Pi2BPSK / Outer_Full



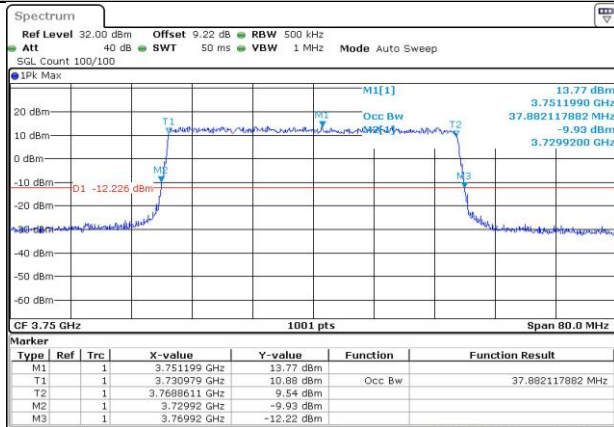
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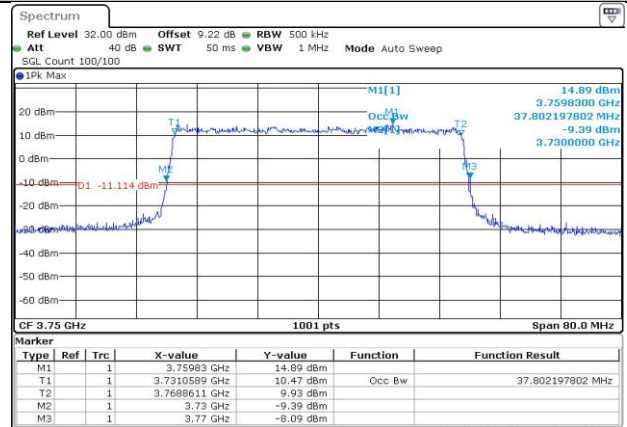
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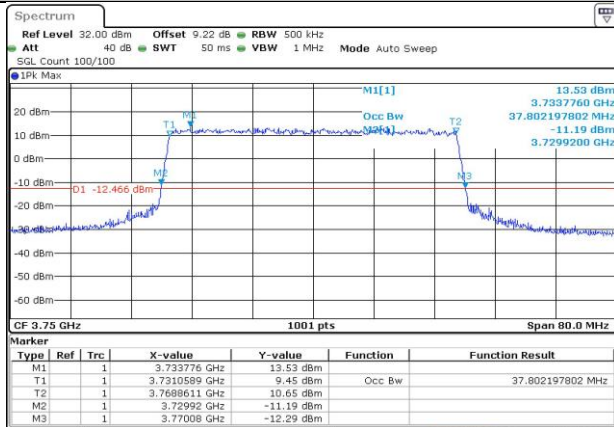
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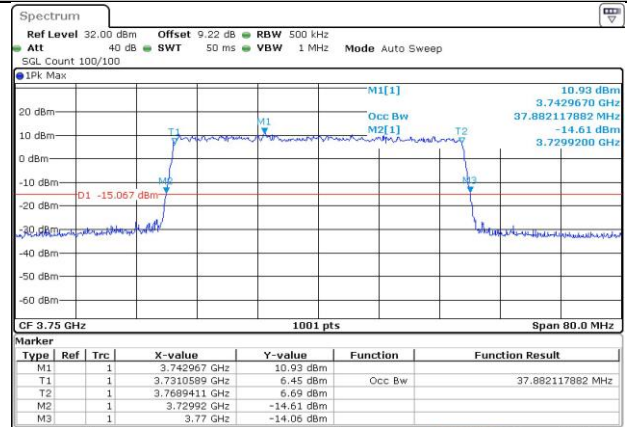
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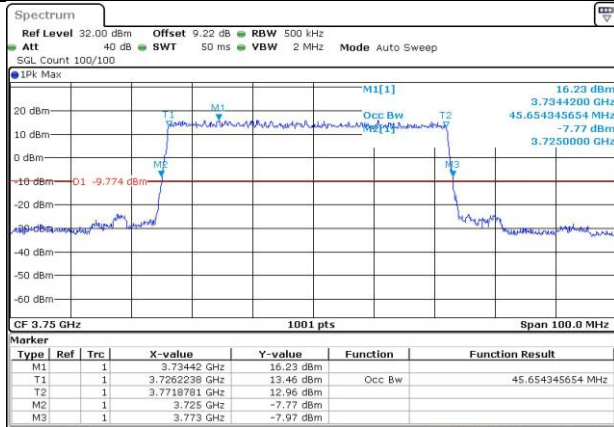
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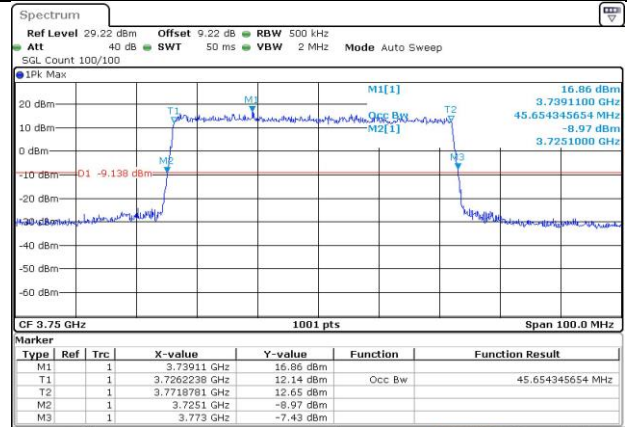
n78A / 30KHz / 50MHz

MCH_DFT-Pi2BPSK / Outer_Full



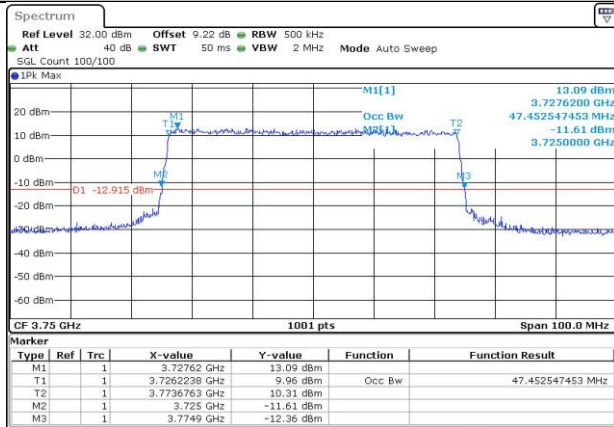
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MCH_DFT-QPSK / Outer_Full



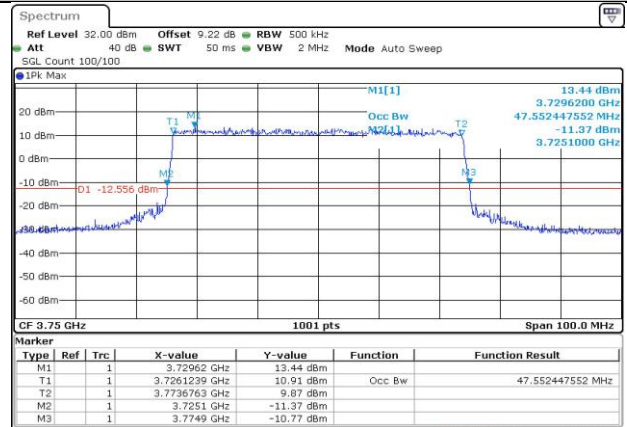
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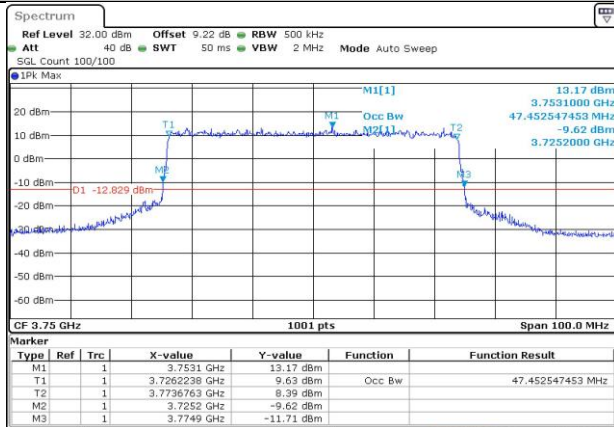
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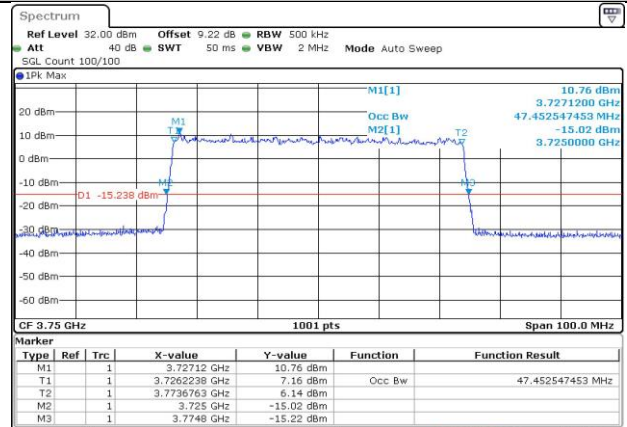
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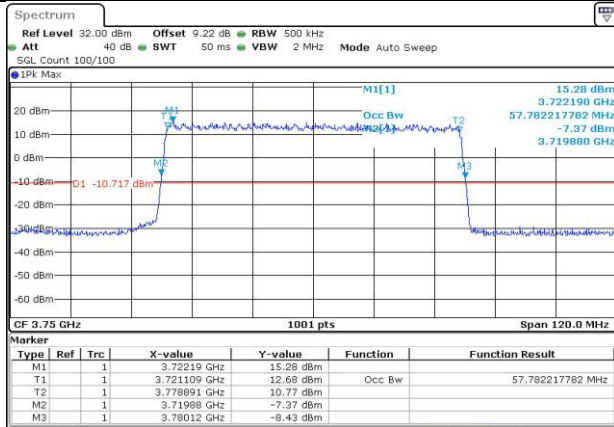
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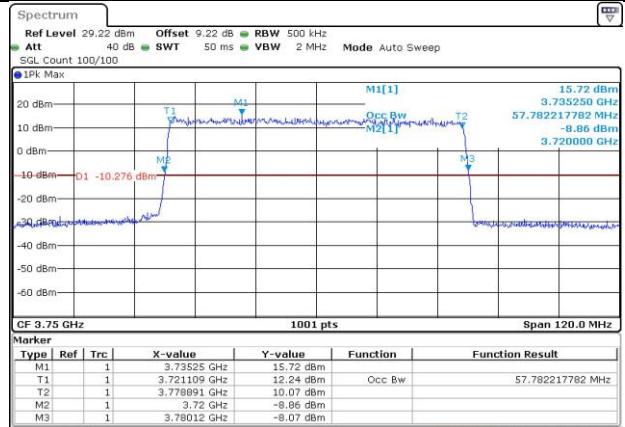
n78A / 30KHz / 60MHz

MCH_DFT-Pi2BPSK / Outer_Full



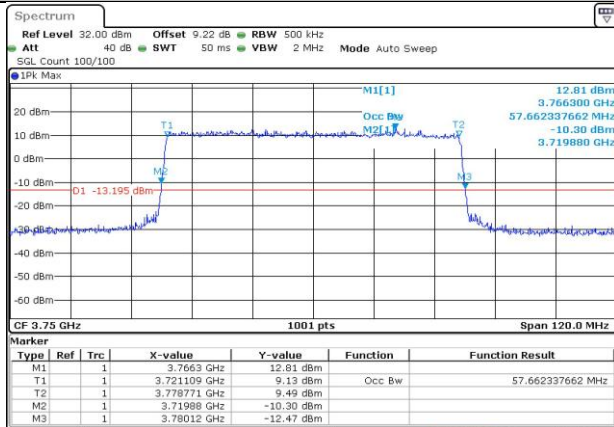
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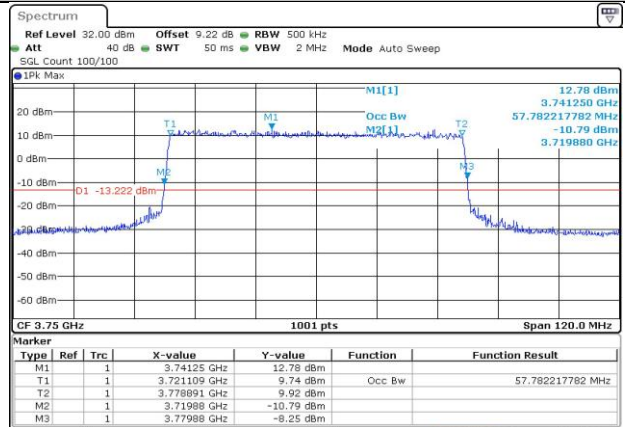
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MCH_CP-QPSK / Outer_Full



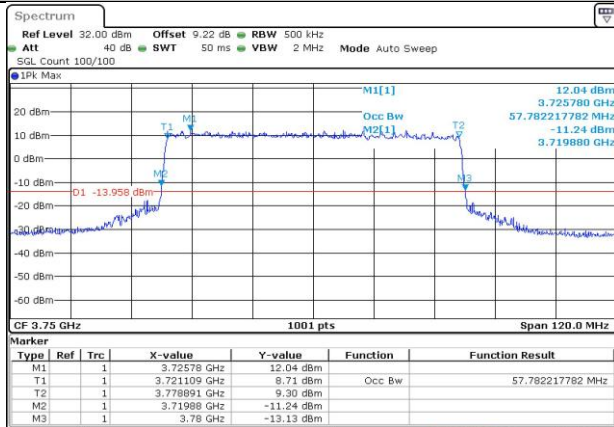
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MCH_CP-16QAM / Outer_Full



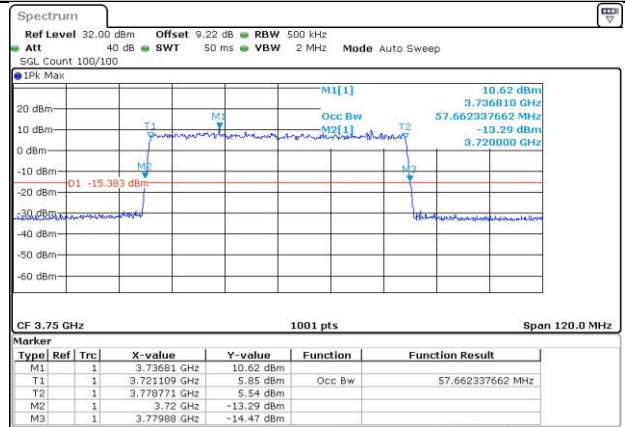
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MCH_CP-64QAM / Outer_Full



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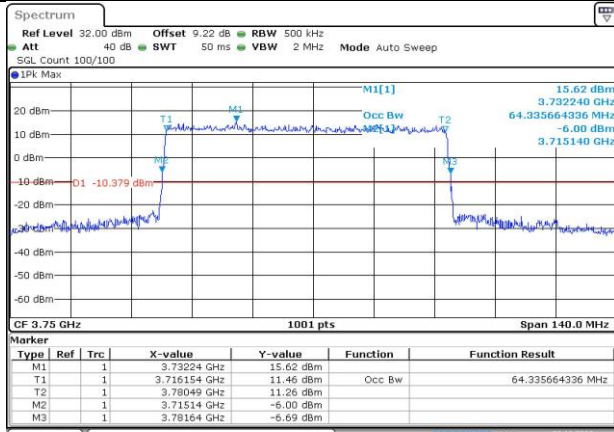
MCH_CP-256QAM / Outer_Full



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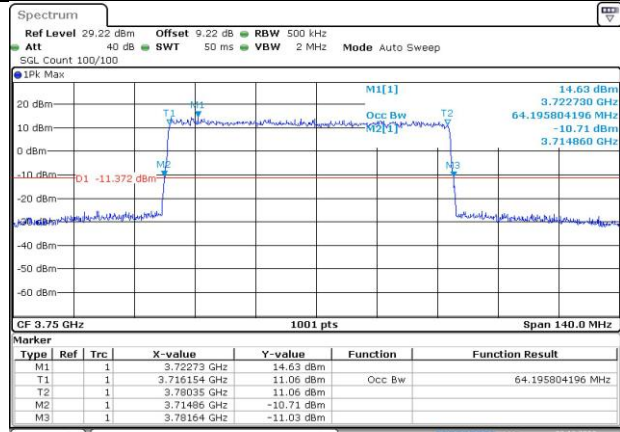
n78A / 30KHz / 70MHz

MCH_DFT-Pi2BPSK / Outer_Full



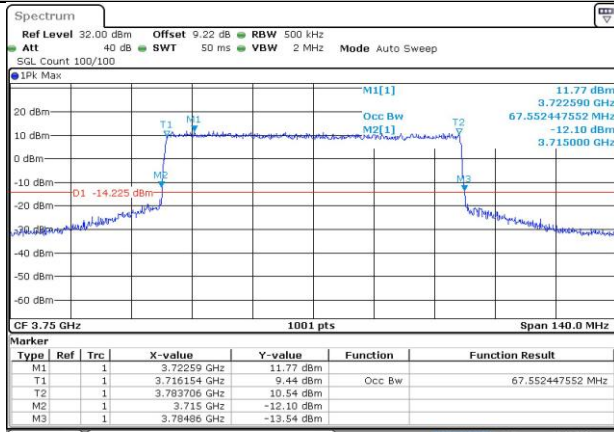
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MCH_DFT-QPSK / Outer_Full



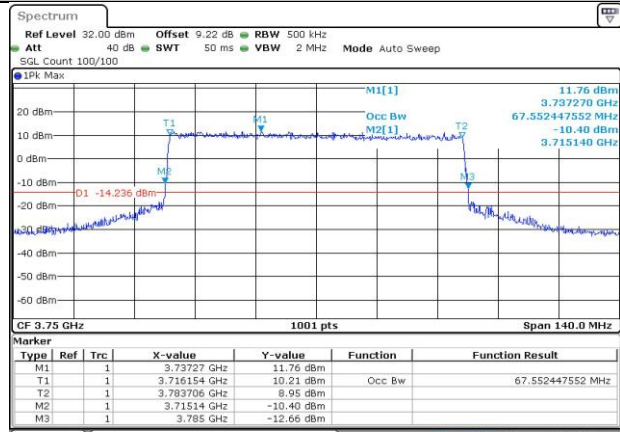
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MCH_CP-QPSK / Outer_Full



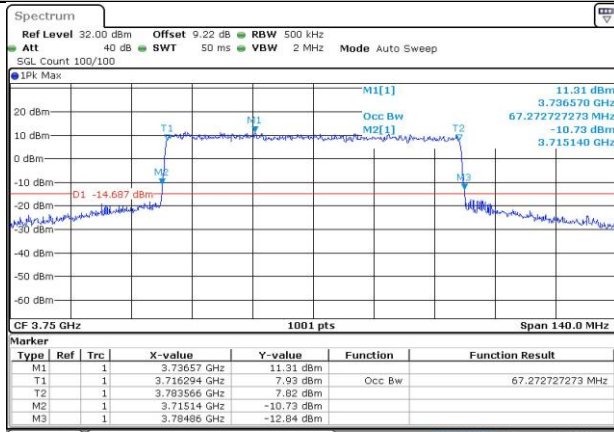
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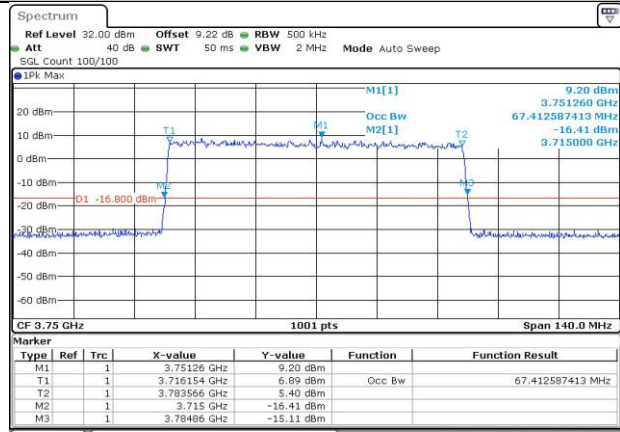
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MCH_CP-64QAM / Outer_Full



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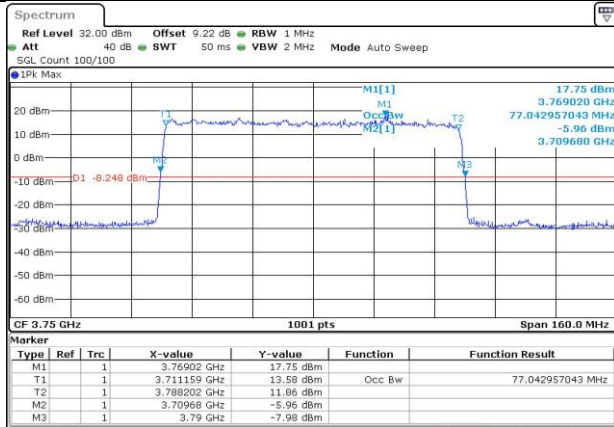
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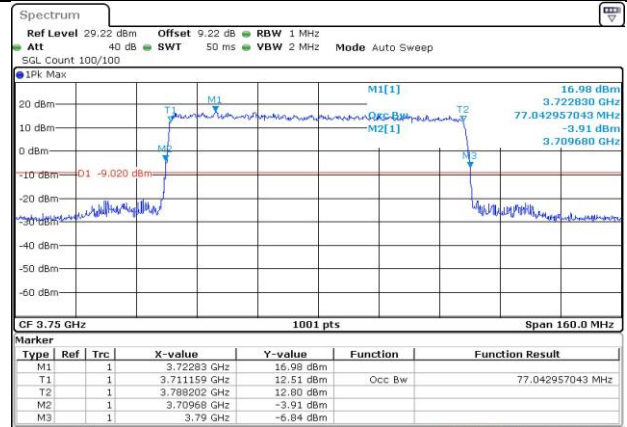
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n78A / 30KHz / 80MHz

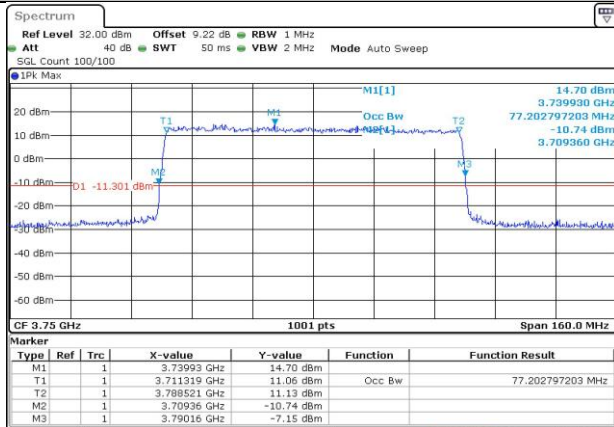
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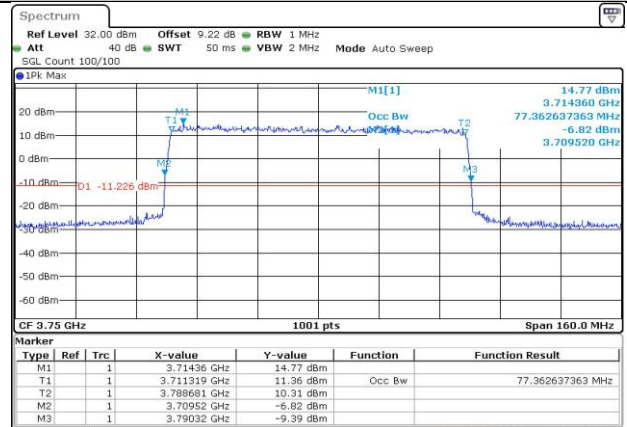
MCH_DFT-QPSK / Outer_Full



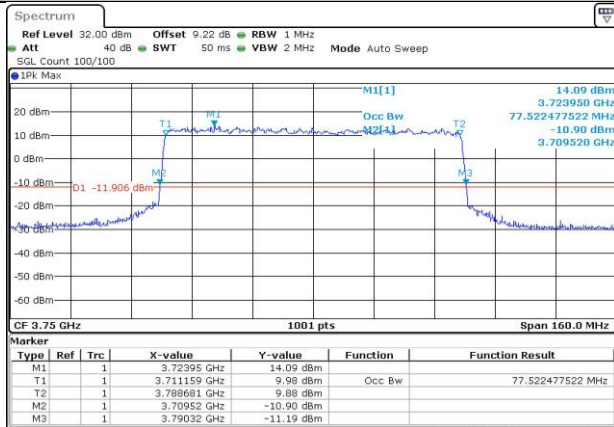
MCH_CP-QPSK / Outer_Full



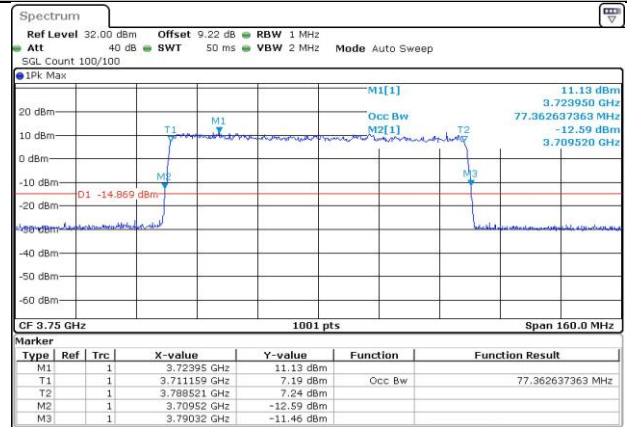
MCH_CP-16QAM / Outer_Full



MCH_CP-64QAM / Outer_Full

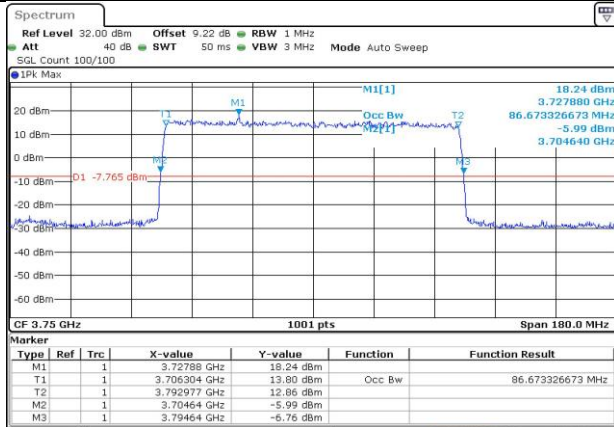


MCH_CP-256QAM / Outer_Full



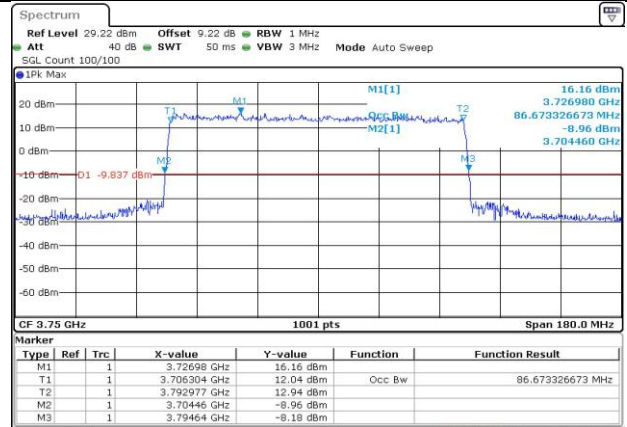
n78A / 30KHz / 90MHz

MCH_DFT-Pi2BPSK / Outer_Full



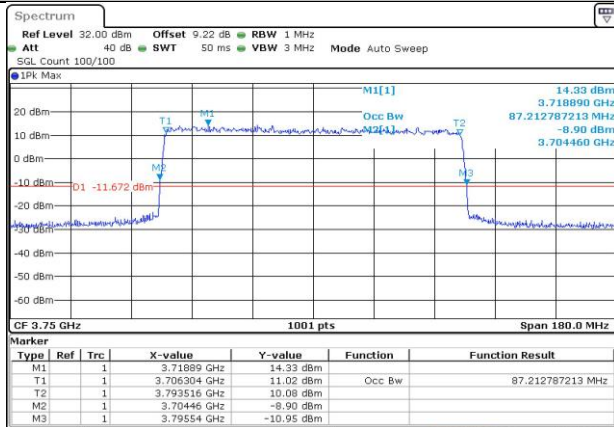
Date: 22 DEC 2023 13:01:04

MCH_DFT-QPSK / Outer_Full



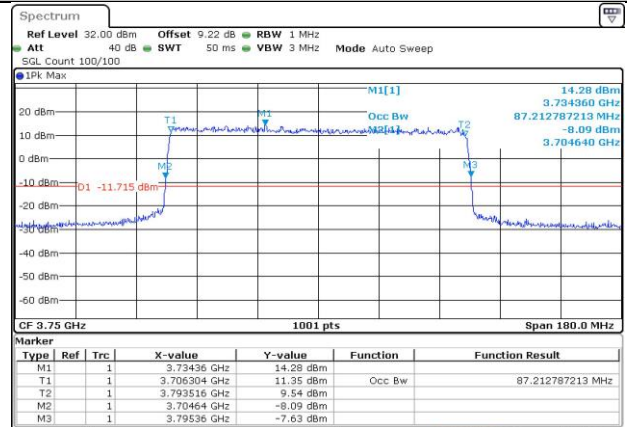
Date: 22 DEC 2023 13:01:29

MCH_CP-QPSK / Outer_Full



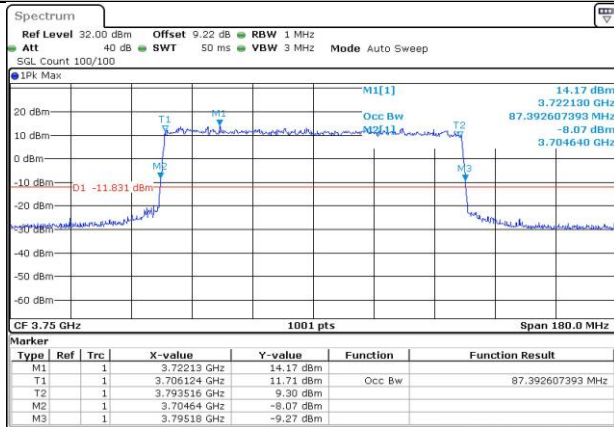
Date: 22 DEC 2023 13:01:43

MCH_CP-16QAM / Outer_Full



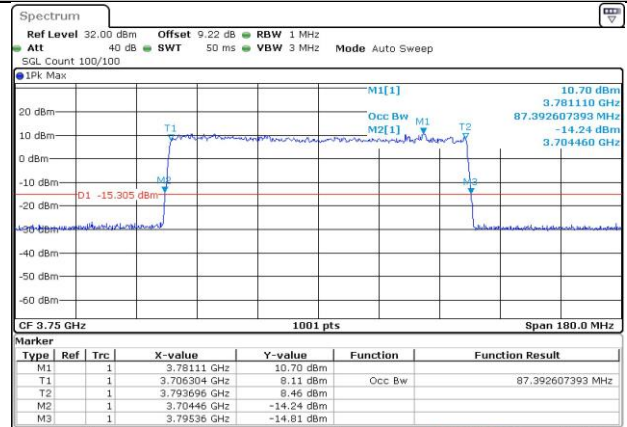
Date: 22 DEC 2023 13:01:54

MCH_CP-64QAM / Outer_Full



Date: 22 DEC 2023 13:02:06

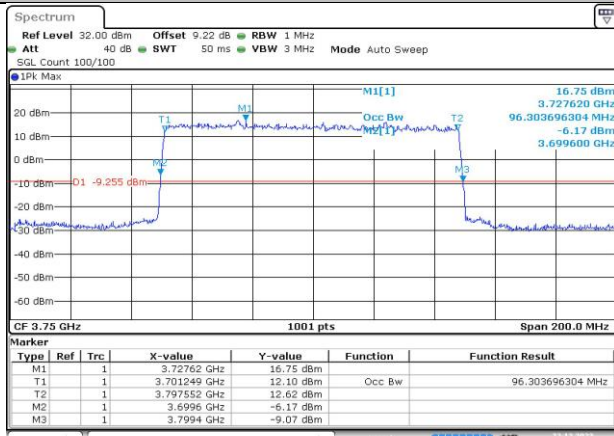
MCH_CP-256QAM / Outer_Full



Date: 22 DEC 2023 13:02:19

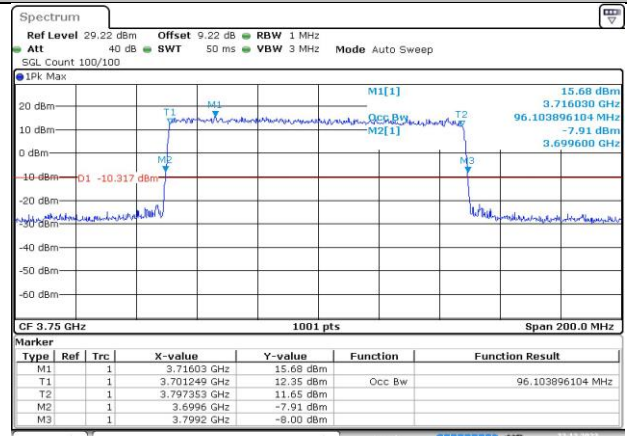
n78A / 30KHz / 100MHz

MCH_DFT-Pi2BPSK / Outer_Full



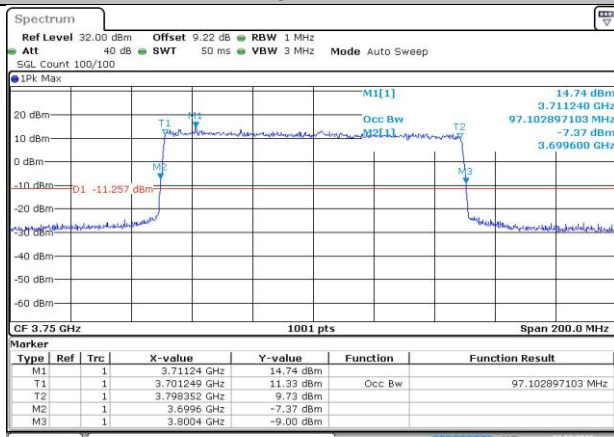
Date: 22 DEC 2023 13:02:38

MCH_DFT-QPSK / Outer_Full



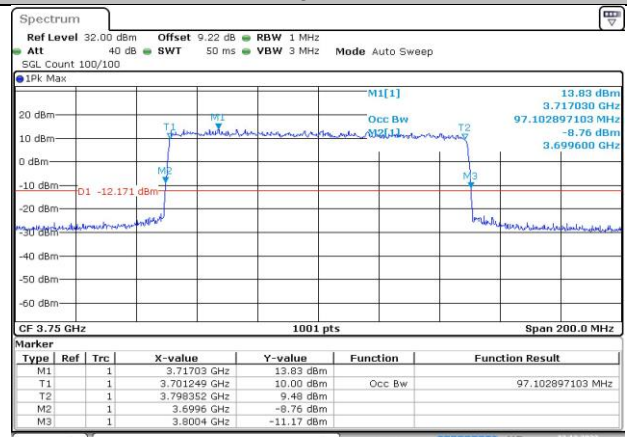
Date: 22 DEC 2023 13:03:02

MCH_CP-QPSK / Outer_Full



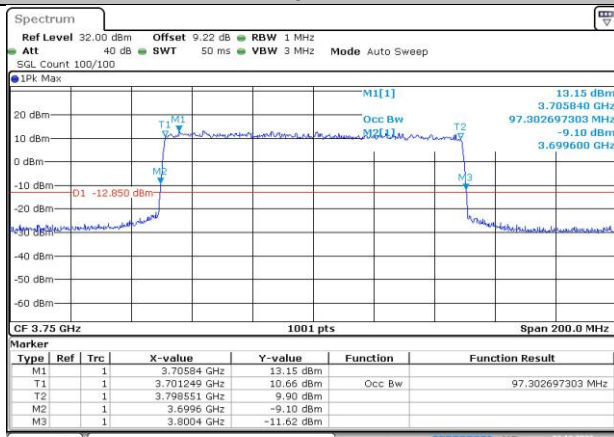
Date: 22 DEC 2023 13:03:15

MCH_CP-16QAM / Outer_Full



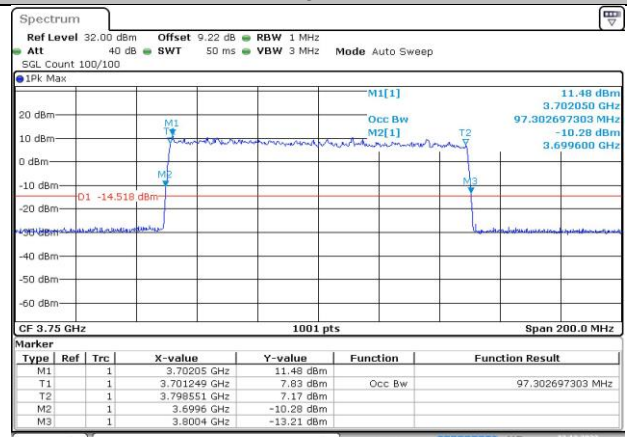
Date: 22 DEC 2023 13:03:26

MCH_CP-64QAM / Outer_Full



Date: 22 DEC 2023 13:03:38

MCH_CP-256QAM / Outer_Full



Date: 22 DEC 2023 13:03:51

5. Conducted Band Edges

5.1. Test Plots

