

**Appendix  
for  
n78A  
(3450-3550)**

## Catalogue

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## 1. Effective Isotropic Radiated Power

### 1.1. Test Results @ Ant2 (Antenna Gain=-1.00dBi)

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	22.95	22.98	22.98	21.98	30.00	Pass
30KHz	10MHz	LCH	DFT-QPSK	22.96	22.98	23.00	22.00	30.00	Pass
30KHz	10MHz	LCH	DFT-16QAM	21.98	22.00	21.94	21.00	30.00	Pass
30KHz	10MHz	LCH	DFT-64QAM	20.63	20.63	20.50	19.63	30.00	Pass
30KHz	10MHz	LCH	DFT-256QAM	18.54	18.54	18.54	17.54	30.00	Pass
30KHz	10MHz	LCH	CP-QPSK	20.98	20.97	21.03	20.03	30.00	Pass
30KHz	10MHz	MCH	DFT-Pi2BPSK	22.95	22.99	22.94	21.99	30.00	Pass
30KHz	10MHz	MCH	DFT-QPSK	23.04	22.98	22.95	22.04	30.00	Pass
30KHz	10MHz	MCH	DFT-16QAM	21.94	21.96	21.87	20.96	30.00	Pass
30KHz	10MHz	MCH	DFT-64QAM	20.61	20.69	20.44	19.69	30.00	Pass
30KHz	10MHz	MCH	DFT-256QAM	18.49	18.54	18.45	17.54	30.00	Pass
30KHz	10MHz	MCH	CP-QPSK	20.95	20.96	20.95	19.96	30.00	Pass
30KHz	10MHz	HCH	DFT-Pi2BPSK	23.49	23.29	23.37	22.49	30.00	Pass
30KHz	10MHz	HCH	DFT-QPSK	23.32	23.24	23.36	22.36	30.00	Pass
30KHz	10MHz	HCH	DFT-16QAM	22.40	22.25	22.28	21.40	30.00	Pass
30KHz	10MHz	HCH	DFT-64QAM	20.91	20.82	20.88	19.91	30.00	Pass
30KHz	10MHz	HCH	DFT-256QAM	18.93	18.84	18.88	17.93	30.00	Pass
30KHz	10MHz	HCH	CP-QPSK	21.37	21.24	21.35	20.37	30.00	Pass
30KHz	15MHz	LCH	DFT-Pi2BPSK	23.03	23.19	23.14	22.19	30.00	Pass
30KHz	15MHz	LCH	DFT-QPSK	23.01	23.17	23.14	22.17	30.00	Pass
30KHz	15MHz	LCH	DFT-16QAM	21.94	22.12	22.14	21.14	30.00	Pass
30KHz	15MHz	LCH	DFT-64QAM	20.61	20.74	20.58	19.74	30.00	Pass
30KHz	15MHz	LCH	DFT-256QAM	18.57	18.70	18.67	17.70	30.00	Pass
30KHz	15MHz	LCH	CP-QPSK	21.06	21.27	21.16	20.27	30.00	Pass
30KHz	15MHz	MCH	DFT-Pi2BPSK	22.75	23.08	22.98	22.08	30.00	Pass
30KHz	15MHz	MCH	DFT-QPSK	22.93	23.10	23.00	22.10	30.00	Pass
30KHz	15MHz	MCH	DFT-16QAM	21.94	22.10	22.04	21.10	30.00	Pass
30KHz	15MHz	MCH	DFT-64QAM	20.49	20.63	20.51	19.63	30.00	Pass
30KHz	15MHz	MCH	DFT-256QAM	18.52	18.65	18.59	17.65	30.00	Pass
30KHz	15MHz	MCH	CP-QPSK	21.04	21.18	21.04	20.18	30.00	Pass
30KHz	15MHz	HCH	DFT-Pi2BPSK	23.41	23.32	23.43	22.43	30.00	Pass
30KHz	15MHz	HCH	DFT-QPSK	23.39	23.35	23.46	22.46	30.00	Pass
30KHz	15MHz	HCH	DFT-16QAM	22.34	22.21	22.47	21.47	30.00	Pass
30KHz	15MHz	HCH	DFT-64QAM	20.94	20.91	20.94	19.94	30.00	Pass
30KHz	15MHz	HCH	DFT-256QAM	18.99	18.88	19.00	18.00	30.00	Pass
30KHz	15MHz	HCH	CP-QPSK	21.47	21.33	21.42	20.47	30.00	Pass
30KHz	20MHz	LCH	DFT-Pi2BPSK	23.13	23.27	23.19	22.27	30.00	Pass
30KHz	20MHz	LCH	DFT-QPSK	23.00	23.15	23.16	22.16	30.00	Pass
30KHz	20MHz	LCH	DFT-16QAM	22.02	22.20	22.25	21.25	30.00	Pass
30KHz	20MHz	LCH	DFT-64QAM	20.69	20.90	20.65	19.90	30.00	Pass
30KHz	20MHz	LCH	DFT-256QAM	18.61	18.81	18.63	17.81	30.00	Pass
30KHz	20MHz	LCH	CP-QPSK	21.08	21.29	21.15	20.29	30.00	Pass
30KHz	20MHz	MCH	DFT-Pi2BPSK	22.98	23.10	23.05	22.10	30.00	Pass
30KHz	20MHz	MCH	DFT-QPSK	22.94	23.09	23.01	22.09	30.00	Pass
30KHz	20MHz	MCH	DFT-16QAM	21.97	22.12	22.08	21.12	30.00	Pass
30KHz	20MHz	MCH	DFT-64QAM	20.52	20.71	20.48	19.71	30.00	Pass
30KHz	20MHz	MCH	DFT-256QAM	18.60	18.68	18.50	17.68	30.00	Pass
30KHz	20MHz	MCH	CP-QPSK	21.03	21.19	20.98	20.19	30.00	Pass
30KHz	20MHz	HCH	DFT-Pi2BPSK	23.43	23.25	23.46	22.46	30.00	Pass
30KHz	20MHz	HCH	DFT-QPSK	23.38	23.29	23.46	22.46	30.00	Pass
30KHz	20MHz	HCH	DFT-16QAM	22.39	22.31	22.48	21.48	30.00	Pass
30KHz	20MHz	HCH	DFT-64QAM	20.96	20.83	20.94	19.96	30.00	Pass
30KHz	20MHz	HCH	DFT-256QAM	18.96	18.84	18.92	17.96	30.00	Pass
30KHz	20MHz	HCH	CP-QPSK	21.41	21.21	21.43	20.43	30.00	Pass
30KHz	30MHz	LCH	DFT-Pi2BPSK	23.11	23.14	23.18	22.18	30.00	Pass
30KHz	30MHz	LCH	DFT-QPSK	23.06	23.18	23.18	22.18	30.00	Pass
30KHz	30MHz	LCH	DFT-16QAM	22.06	22.15	22.17	21.17	30.00	Pass
30KHz	30MHz	LCH	DFT-64QAM	20.71	20.87	20.62	19.87	30.00	Pass

30KHz	30MHz	LCH	DFT-256QAM	18.63	18.75	18.70	17.75	30.00	Pass
30KHz	30MHz	LCH	CP-QPSK	21.04	21.13	21.18	20.18	30.00	Pass
30KHz	30MHz	MCH	DFT-Pi2BPSK	23.12	23.16	22.95	22.16	30.00	Pass
30KHz	30MHz	MCH	DFT-QPSK	23.11	23.22	22.96	22.22	30.00	Pass
30KHz	30MHz	MCH	DFT-16QAM	22.13	22.19	21.94	21.19	30.00	Pass
30KHz	30MHz	MCH	DFT-64QAM	20.83	20.79	20.47	19.83	30.00	Pass
30KHz	30MHz	MCH	DFT-256QAM	18.71	18.80	18.50	17.80	30.00	Pass
30KHz	30MHz	MCH	CP-QPSK	21.14	21.18	20.91	20.18	30.00	Pass
30KHz	30MHz	HCH	DFT-Pi2BPSK	23.40	23.29	23.44	22.44	30.00	Pass
30KHz	30MHz	HCH	DFT-QPSK	23.39	23.33	23.42	22.42	30.00	Pass
30KHz	30MHz	HCH	DFT-16QAM	22.35	22.29	22.39	21.39	30.00	Pass
30KHz	30MHz	HCH	DFT-64QAM	21.03	21.00	20.89	20.03	30.00	Pass
30KHz	30MHz	HCH	DFT-256QAM	18.94	18.83	18.98	17.98	30.00	Pass
30KHz	30MHz	HCH	CP-QPSK	21.42	21.43	21.42	20.43	30.00	Pass
30KHz	40MHz	LCH	DFT-Pi2BPSK	23.14	23.02	23.26	22.26	30.00	Pass
30KHz	40MHz	LCH	DFT-QPSK	23.15	23.05	23.26	22.26	30.00	Pass
30KHz	40MHz	LCH	DFT-16QAM	22.08	21.97	22.14	21.14	30.00	Pass
30KHz	40MHz	LCH	DFT-64QAM	20.61	20.64	20.72	19.72	30.00	Pass
30KHz	40MHz	LCH	DFT-256QAM	18.71	18.57	18.64	17.71	30.00	Pass
30KHz	40MHz	LCH	CP-QPSK	21.10	20.95	21.15	20.15	30.00	Pass
30KHz	40MHz	MCH	DFT-Pi2BPSK	23.30	23.28	23.02	22.30	30.00	Pass
30KHz	40MHz	MCH	DFT-QPSK	23.31	23.25	23.02	22.31	30.00	Pass
30KHz	40MHz	MCH	DFT-16QAM	22.23	22.18	22.02	21.23	30.00	Pass
30KHz	40MHz	MCH	DFT-64QAM	20.90	20.82	20.47	19.90	30.00	Pass
30KHz	40MHz	MCH	DFT-256QAM	18.79	18.80	18.56	17.80	30.00	Pass
30KHz	40MHz	MCH	CP-QPSK	21.39	21.29	21.06	20.39	30.00	Pass
30KHz	40MHz	HCH	DFT-Pi2BPSK	23.37	23.28	23.39	22.39	30.00	Pass
30KHz	40MHz	HCH	DFT-QPSK	23.35	23.34	23.39	22.39	30.00	Pass
30KHz	40MHz	HCH	DFT-16QAM	22.28	22.16	22.38	21.38	30.00	Pass
30KHz	40MHz	HCH	DFT-64QAM	20.90	20.85	20.88	19.90	30.00	Pass
30KHz	40MHz	HCH	DFT-256QAM	18.87	18.90	18.95	17.95	30.00	Pass
30KHz	40MHz	HCH	CP-QPSK	21.45	21.40	21.26	20.45	30.00	Pass
30KHz	50MHz	LCH	DFT-Pi2BPSK	22.93	22.77	23.13	22.13	30.00	Pass
30KHz	50MHz	LCH	DFT-QPSK	22.89	22.70	23.14	22.14	30.00	Pass
30KHz	50MHz	LCH	DFT-16QAM	21.91	21.71	22.10	21.10	30.00	Pass
30KHz	50MHz	LCH	DFT-64QAM	20.46	20.24	20.73	19.73	30.00	Pass
30KHz	50MHz	LCH	DFT-256QAM	18.45	18.27	18.60	17.60	30.00	Pass
30KHz	50MHz	LCH	CP-QPSK	20.92	20.71	21.13	20.13	30.00	Pass
30KHz	50MHz	MCH	DFT-Pi2BPSK	23.07	23.02	22.92	22.07	30.00	Pass
30KHz	50MHz	MCH	DFT-QPSK	23.05	23.06	22.85	22.06	30.00	Pass
30KHz	50MHz	MCH	DFT-16QAM	22.10	22.02	21.86	21.10	30.00	Pass
30KHz	50MHz	MCH	DFT-64QAM	20.61	20.59	20.43	19.61	30.00	Pass
30KHz	50MHz	MCH	DFT-256QAM	18.66	18.61	18.51	17.66	30.00	Pass
30KHz	50MHz	MCH	CP-QPSK	21.05	21.09	20.88	20.09	30.00	Pass
30KHz	50MHz	HCH	DFT-Pi2BPSK	22.79	23.02	23.17	22.17	30.00	Pass
30KHz	50MHz	HCH	DFT-QPSK	22.91	22.99	23.19	22.19	30.00	Pass
30KHz	50MHz	HCH	DFT-16QAM	21.86	21.98	22.07	21.07	30.00	Pass
30KHz	50MHz	HCH	DFT-64QAM	20.39	20.54	20.80	19.80	30.00	Pass
30KHz	50MHz	HCH	DFT-256QAM	18.35	18.58	18.69	17.69	30.00	Pass
30KHz	50MHz	HCH	CP-QPSK	20.89	21.00	21.14	20.14	30.00	Pass
30KHz	60MHz	LCH	DFT-Pi2BPSK	22.95	22.86	23.04	22.04	30.00	Pass
30KHz	60MHz	LCH	DFT-QPSK	22.87	22.85	22.99	21.99	30.00	Pass
30KHz	60MHz	LCH	DFT-16QAM	21.93	21.85	21.98	20.98	30.00	Pass
30KHz	60MHz	LCH	DFT-64QAM	20.46	20.38	20.55	19.55	30.00	Pass
30KHz	60MHz	LCH	DFT-256QAM	18.51	18.42	18.51	17.51	30.00	Pass
30KHz	60MHz	LCH	CP-QPSK	20.99	20.90	21.03	20.03	30.00	Pass
30KHz	60MHz	MCH	DFT-Pi2BPSK	23.16	23.09	22.91	22.16	30.00	Pass
30KHz	60MHz	MCH	DFT-QPSK	23.16	23.06	22.85	22.16	30.00	Pass
30KHz	60MHz	MCH	DFT-16QAM	22.17	22.07	21.92	21.17	30.00	Pass
30KHz	60MHz	MCH	DFT-64QAM	20.71	20.65	20.39	19.71	30.00	Pass
30KHz	60MHz	MCH	DFT-256QAM	18.72	18.61	18.46	17.72	30.00	Pass
30KHz	60MHz	MCH	CP-QPSK	21.25	21.13	20.90	20.25	30.00	Pass

30KHz	60MHz	HCH	DFT-Pi2BPSK	22.95	22.97	23.10	22.10	30.00	Pass
30KHz	60MHz	HCH	DFT-QPSK	22.86	22.94	23.06	22.06	30.00	Pass
30KHz	60MHz	HCH	DFT-16QAM	21.91	21.98	22.13	21.13	30.00	Pass
30KHz	60MHz	HCH	DFT-64QAM	20.44	20.51	20.58	19.58	30.00	Pass
30KHz	60MHz	HCH	DFT-256QAM	18.42	18.49	18.59	17.59	30.00	Pass
30KHz	60MHz	HCH	CP-QPSK	20.96	21.00	21.10	20.10	30.00	Pass
30KHz	70MHz	LCH	DFT-Pi2BPSK	22.97	22.82	22.90	21.97	30.00	Pass
30KHz	70MHz	LCH	DFT-QPSK	22.98	22.89	22.90	21.98	30.00	Pass
30KHz	70MHz	LCH	DFT-16QAM	21.91	21.72	21.85	20.91	30.00	Pass
30KHz	70MHz	LCH	DFT-64QAM	20.57	20.53	20.42	19.57	30.00	Pass
30KHz	70MHz	LCH	DFT-256QAM	18.48	18.41	18.40	17.48	30.00	Pass
30KHz	70MHz	LCH	CP-QPSK	20.97	20.81	20.85	19.97	30.00	Pass
30KHz	70MHz	MCH	DFT-Pi2BPSK	23.21	22.96	22.87	22.21	30.00	Pass
30KHz	70MHz	MCH	DFT-QPSK	23.20	22.97	22.86	22.20	30.00	Pass
30KHz	70MHz	MCH	DFT-16QAM	22.19	22.05	21.81	21.19	30.00	Pass
30KHz	70MHz	MCH	DFT-64QAM	20.80	20.69	20.32	19.80	30.00	Pass
30KHz	70MHz	MCH	DFT-256QAM	18.70	18.53	18.37	17.70	30.00	Pass
30KHz	70MHz	MCH	CP-QPSK	21.18	20.97	20.82	20.18	30.00	Pass
30KHz	70MHz	HCH	DFT-Pi2BPSK	23.11	22.95	23.04	22.11	30.00	Pass
30KHz	70MHz	HCH	DFT-QPSK	23.14	22.87	22.99	22.14	30.00	Pass
30KHz	70MHz	HCH	DFT-16QAM	22.12	21.93	21.95	21.12	30.00	Pass
30KHz	70MHz	HCH	DFT-64QAM	20.79	20.58	20.49	19.79	30.00	Pass
30KHz	70MHz	HCH	DFT-256QAM	18.66	18.51	18.45	17.66	30.00	Pass
30KHz	70MHz	HCH	CP-QPSK	21.09	20.92	21.00	20.09	30.00	Pass
30KHz	80MHz	LCH	DFT-Pi2BPSK	22.97	22.97	22.86	21.97	30.00	Pass
30KHz	80MHz	LCH	DFT-QPSK	23.00	22.96	22.86	22.00	30.00	Pass
30KHz	80MHz	LCH	DFT-16QAM	21.90	22.05	21.86	21.05	30.00	Pass
30KHz	80MHz	LCH	DFT-64QAM	20.65	20.64	20.35	19.65	30.00	Pass
30KHz	80MHz	LCH	DFT-256QAM	18.42	18.54	18.34	17.54	30.00	Pass
30KHz	80MHz	LCH	CP-QPSK	20.97	21.07	20.87	20.07	30.00	Pass
30KHz	80MHz	MCH	DFT-Pi2BPSK	23.10	23.04	22.87	22.10	30.00	Pass
30KHz	80MHz	MCH	DFT-QPSK	23.15	22.97	22.90	22.15	30.00	Pass
30KHz	80MHz	MCH	DFT-16QAM	22.10	22.03	21.85	21.10	30.00	Pass
30KHz	80MHz	MCH	DFT-64QAM	20.73	20.65	20.39	19.73	30.00	Pass
30KHz	80MHz	MCH	DFT-256QAM	18.59	18.57	18.34	17.59	30.00	Pass
30KHz	80MHz	MCH	CP-QPSK	21.09	21.01	20.86	20.09	30.00	Pass
30KHz	80MHz	HCH	DFT-Pi2BPSK	23.24	22.94	22.92	22.24	30.00	Pass
30KHz	80MHz	HCH	DFT-QPSK	23.24	22.88	22.91	22.24	30.00	Pass
30KHz	80MHz	HCH	DFT-16QAM	22.06	21.85	21.95	21.06	30.00	Pass
30KHz	80MHz	HCH	DFT-64QAM	20.83	20.59	20.41	19.83	30.00	Pass
30KHz	80MHz	HCH	DFT-256QAM	18.76	18.49	18.47	17.76	30.00	Pass
30KHz	80MHz	HCH	CP-QPSK	21.15	20.92	20.87	20.15	30.00	Pass
30KHz	90MHz	LCH	DFT-Pi2BPSK	22.86	22.95	22.90	21.95	30.00	Pass
30KHz	90MHz	LCH	DFT-QPSK	22.87	22.99	22.88	21.99	30.00	Pass
30KHz	90MHz	LCH	DFT-16QAM	21.81	21.92	21.87	20.92	30.00	Pass
30KHz	90MHz	LCH	DFT-64QAM	20.54	20.61	20.35	19.61	30.00	Pass
30KHz	90MHz	LCH	DFT-256QAM	18.44	18.56	18.41	17.56	30.00	Pass
30KHz	90MHz	LCH	CP-QPSK	20.89	20.99	20.84	19.99	30.00	Pass
30KHz	90MHz	MCH	DFT-Pi2BPSK	22.96	23.01	22.90	22.01	30.00	Pass
30KHz	90MHz	MCH	DFT-QPSK	23.02	22.95	22.88	22.02	30.00	Pass
30KHz	90MHz	MCH	DFT-16QAM	21.96	22.04	21.88	21.04	30.00	Pass
30KHz	90MHz	MCH	DFT-64QAM	20.66	20.75	20.39	19.75	30.00	Pass
30KHz	90MHz	MCH	DFT-256QAM	18.49	18.56	18.38	17.56	30.00	Pass
30KHz	90MHz	MCH	CP-QPSK	21.00	20.99	20.89	20.00	30.00	Pass
30KHz	90MHz	HCH	DFT-Pi2BPSK	23.05	23.03	22.99	22.05	30.00	Pass
30KHz	90MHz	HCH	DFT-QPSK	22.98	22.98	22.91	21.98	30.00	Pass
30KHz	90MHz	HCH	DFT-16QAM	22.09	22.03	21.95	21.09	30.00	Pass
30KHz	90MHz	HCH	DFT-64QAM	20.75	20.70	20.45	19.75	30.00	Pass
30KHz	90MHz	HCH	DFT-256QAM	18.63	18.57	18.42	17.63	30.00	Pass
30KHz	90MHz	HCH	CP-QPSK	21.01	21.00	20.97	20.01	30.00	Pass
30KHz	100MHz	MCH	DFT-Pi2BPSK	22.88	23.01	22.94	22.01	30.00	Pass
30KHz	100MHz	MCH	DFT-QPSK	22.91	22.97	22.92	21.97	30.00	Pass

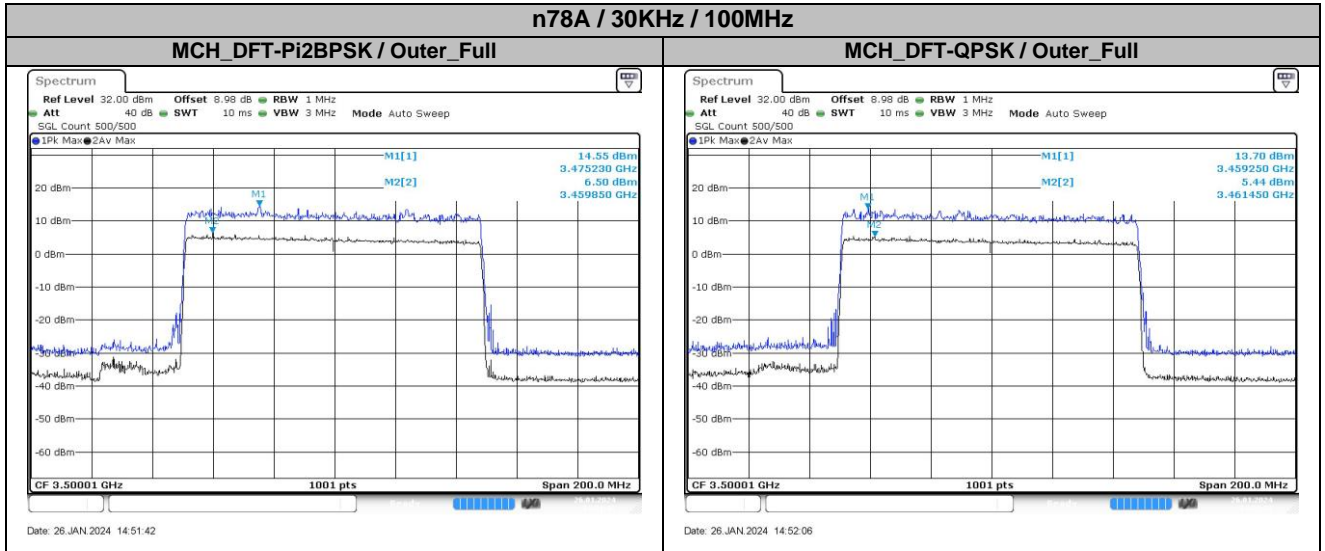
30KHz	100MHz	MCH	DFT-16QAM	21.89	22.01	21.90	21.01	30.00	Pass
30KHz	100MHz	MCH	DFT-64QAM	20.44	20.47	20.44	19.47	30.00	Pass
30KHz	100MHz	MCH	DFT-256QAM	18.39	18.54	18.43	17.54	30.00	Pass
30KHz	100MHz	MCH	CP-QPSK	20.89	20.98	20.91	19.98	30.00	Pass

## 2. Peak-to-Average Ratio

### 2.1. Test Results

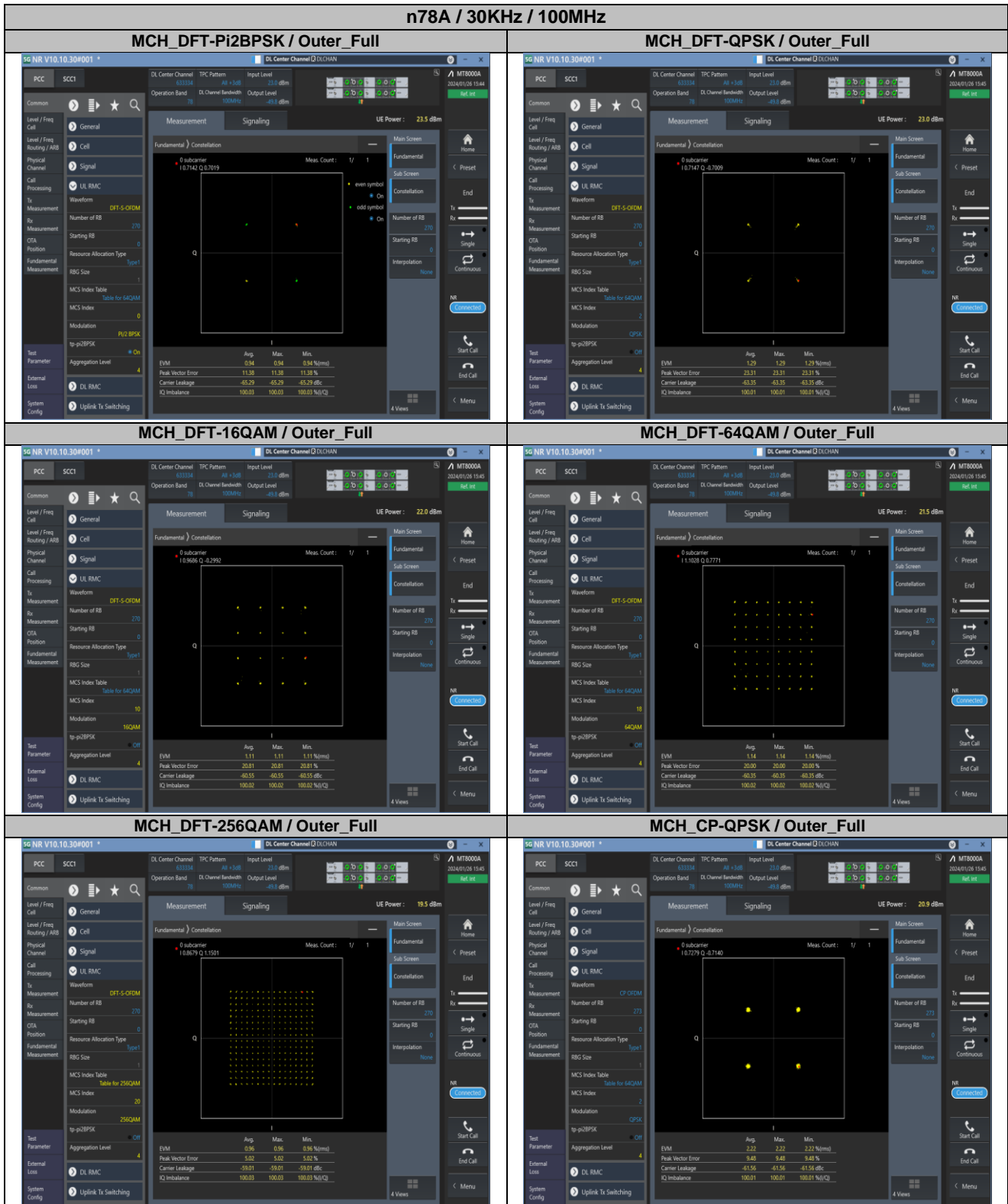
SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
30KHz	100MHz	MCH	Outer_Full	8.05	8.26	13.00	Pass

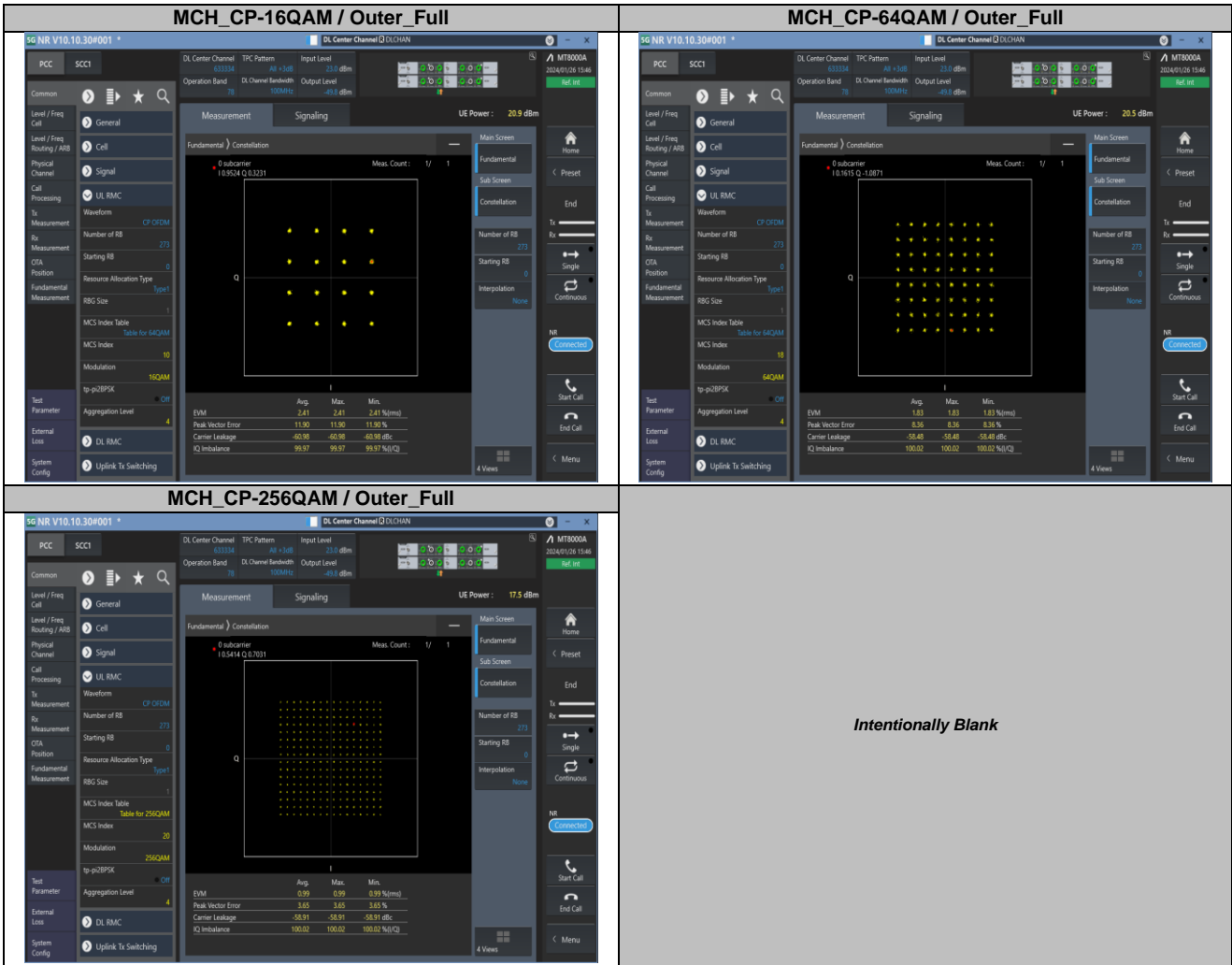
### 2.2. Test Plots



### 3. Modulation Characteristics

#### 3.1. Test Plots





### 4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

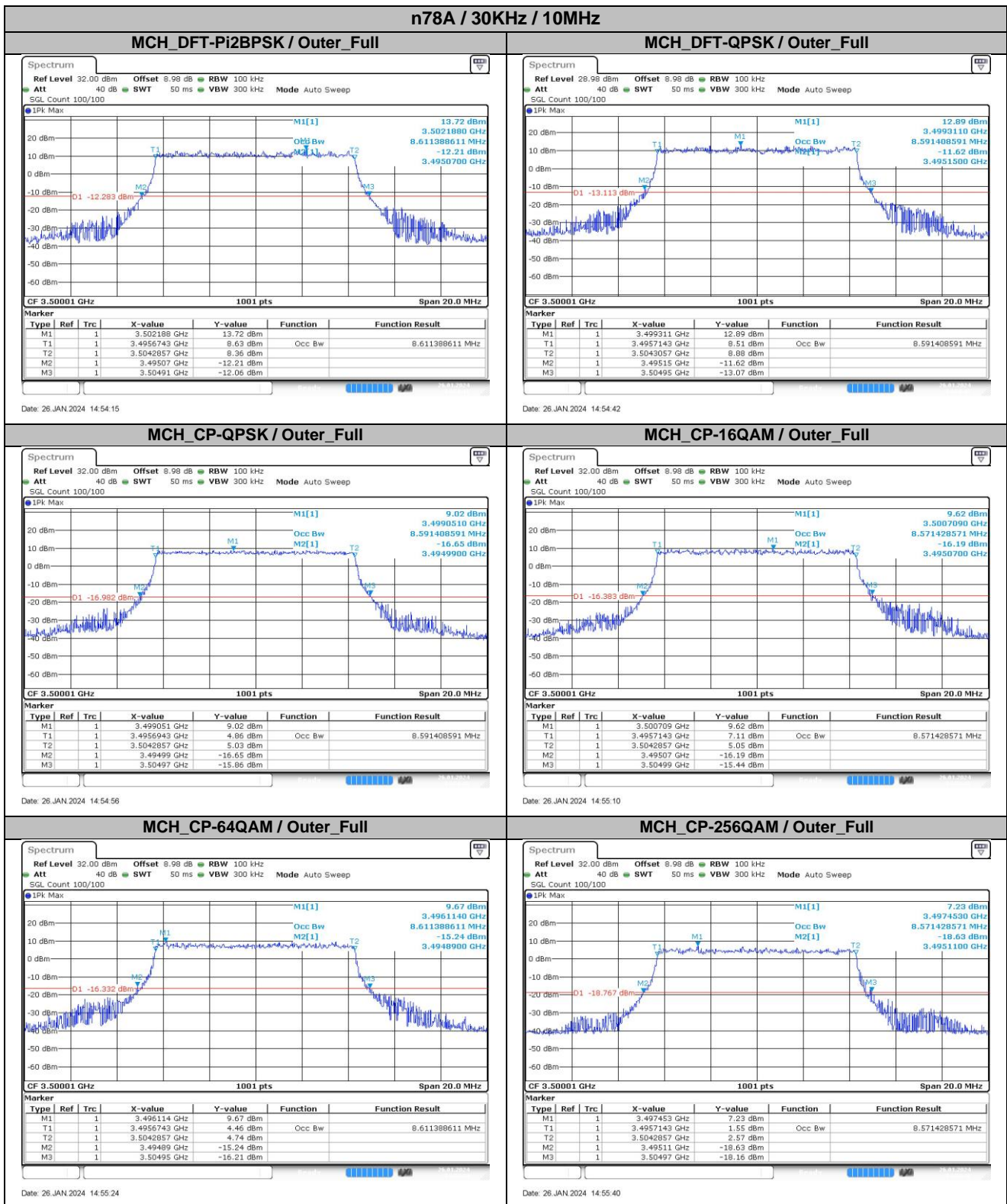
#### 4.1. Test Results

SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
30KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.61	9.84	Pass
30KHz	10MHz	DFT-QPSK	Outer_Full	8.59	9.80	Pass
30KHz	10MHz	CP-QPSK	Outer_Full	8.59	9.98	Pass
30KHz	10MHz	CP-16QAM	Outer_Full	8.57	9.92	Pass
30KHz	10MHz	CP-64QAM	Outer_Full	8.61	10.06	Pass
30KHz	10MHz	CP-256QAM	Outer_Full	8.57	9.86	Pass
30KHz	15MHz	DFT-Pi2BPSK	Outer_Full	12.92	14.61	Pass
30KHz	15MHz	DFT-QPSK	Outer_Full	12.92	14.43	Pass
30KHz	15MHz	CP-QPSK	Outer_Full	13.64	15.33	Pass
30KHz	15MHz	CP-16QAM	Outer_Full	13.64	15.36	Pass
30KHz	15MHz	CP-64QAM	Outer_Full	13.64	15.18	Pass
30KHz	15MHz	CP-256QAM	Outer_Full	13.61	15.12	Pass
30KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.90	19.48	Pass
30KHz	20MHz	DFT-QPSK	Outer_Full	17.86	19.44	Pass
30KHz	20MHz	CP-QPSK	Outer_Full	18.18	19.72	Pass
30KHz	20MHz	CP-16QAM	Outer_Full	18.22	19.80	Pass
30KHz	20MHz	CP-64QAM	Outer_Full	18.26	20.08	Pass
30KHz	20MHz	CP-256QAM	Outer_Full	18.18	19.80	Pass
30KHz	30MHz	DFT-Pi2BPSK	Outer_Full	26.85	28.44	Pass
30KHz	30MHz	DFT-QPSK	Outer_Full	26.85	28.92	Pass
30KHz	30MHz	CP-QPSK	Outer_Full	27.87	29.88	Pass



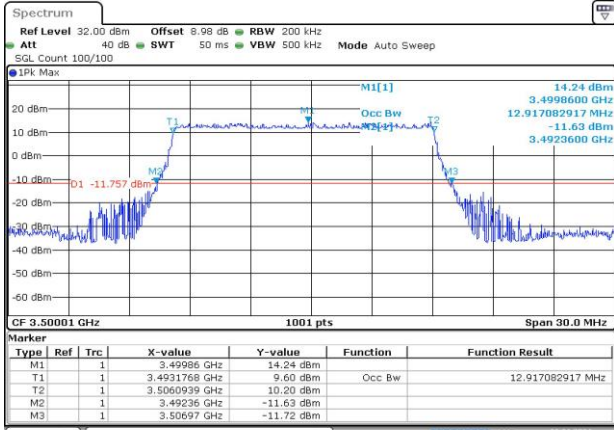
30KHz	30MHz	CP-16QAM	Outer_Full	27.93	31.44	Pass
30KHz	30MHz	CP-64QAM	Outer_Full	27.81	29.88	Pass
30KHz	30MHz	CP-256QAM	Outer_Full	27.87	29.76	Pass
30KHz	40MHz	DFT-Pi2BPSK	Outer_Full	35.72	37.84	Pass
30KHz	40MHz	DFT-QPSK	Outer_Full	35.80	38.16	Pass
30KHz	40MHz	CP-QPSK	Outer_Full	37.96	40.88	Pass
30KHz	40MHz	CP-16QAM	Outer_Full	37.80	40.16	Pass
30KHz	40MHz	CP-64QAM	Outer_Full	37.88	40.32	Pass
30KHz	40MHz	CP-256QAM	Outer_Full	37.96	40.32	Pass
30KHz	50MHz	DFT-Pi2BPSK	Outer_Full	45.65	47.80	Pass
30KHz	50MHz	DFT-QPSK	Outer_Full	45.65	48.10	Pass
30KHz	50MHz	CP-QPSK	Outer_Full	47.45	49.80	Pass
30KHz	50MHz	CP-16QAM	Outer_Full	47.45	49.80	Pass
30KHz	50MHz	CP-64QAM	Outer_Full	47.45	50.20	Pass
30KHz	50MHz	CP-256QAM	Outer_Full	47.45	49.70	Pass
30KHz	60MHz	DFT-Pi2BPSK	Outer_Full	57.90	60.84	Pass
30KHz	60MHz	DFT-QPSK	Outer_Full	57.90	61.44	Pass
30KHz	60MHz	CP-QPSK	Outer_Full	57.78	60.36	Pass
30KHz	60MHz	CP-16QAM	Outer_Full	57.78	60.36	Pass
30KHz	60MHz	CP-64QAM	Outer_Full	57.90	60.24	Pass
30KHz	60MHz	CP-256QAM	Outer_Full	57.66	60.00	Pass
30KHz	70MHz	DFT-Pi2BPSK	Outer_Full	64.34	66.64	Pass
30KHz	70MHz	DFT-QPSK	Outer_Full	64.34	67.90	Pass
30KHz	70MHz	CP-QPSK	Outer_Full	67.55	70.00	Pass
30KHz	70MHz	CP-16QAM	Outer_Full	67.55	69.86	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	77.04	80.64	Pass
30KHz	80MHz	CP-QPSK	Outer_Full	77.36	81.60	Pass
30KHz	80MHz	CP-16QAM	Outer_Full	77.52	80.80	Pass
30KHz	80MHz	CP-64QAM	Outer_Full	77.52	80.96	Pass
30KHz	80MHz	CP-256QAM	Outer_Full	77.36	80.96	Pass
30KHz	90MHz	DFT-Pi2BPSK	Outer_Full	86.67	90.00	Pass
30KHz	90MHz	DFT-QPSK	Outer_Full	86.49	90.18	Pass
30KHz	90MHz	CP-QPSK	Outer_Full	87.21	91.08	Pass
30KHz	90MHz	CP-16QAM	Outer_Full	87.39	90.72	Pass
30KHz	90MHz	CP-64QAM	Outer_Full	87.39	90.90	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	96.30	100.20	Pass
30KHz	100MHz	CP-QPSK	Outer_Full	97.10	100.80	Pass
30KHz	100MHz	CP-16QAM	Outer_Full	97.30	102.00	Pass
30KHz	100MHz	CP-64QAM	Outer_Full	97.30	100.80	Pass
30KHz	100MHz	CP-256QAM	Outer_Full	97.30	101.00	Pass

4.2. Test Plots



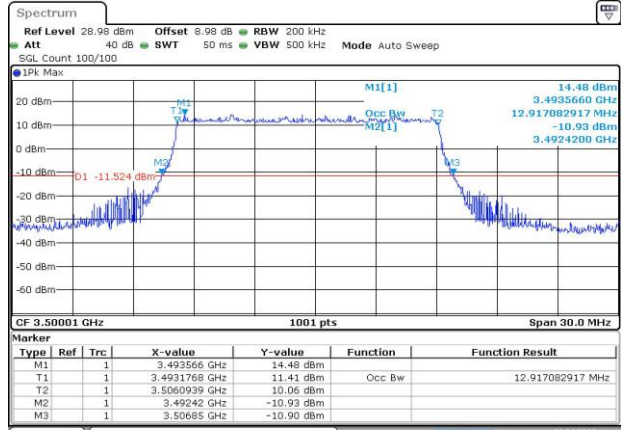
n78A / 30KHz / 15MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



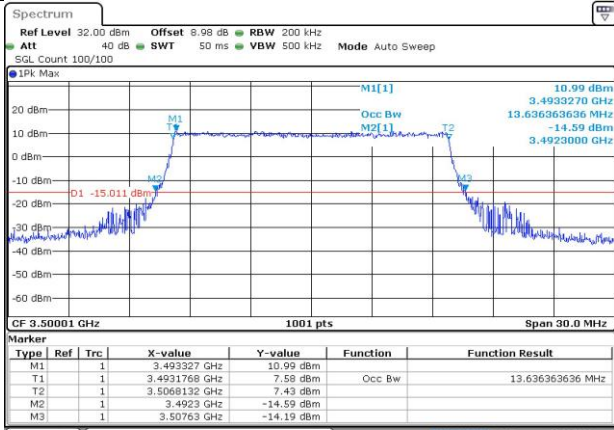
Date: 26.JAN.2024 14:56:21

MCH\_DFT-QPSK / Outer\_Full



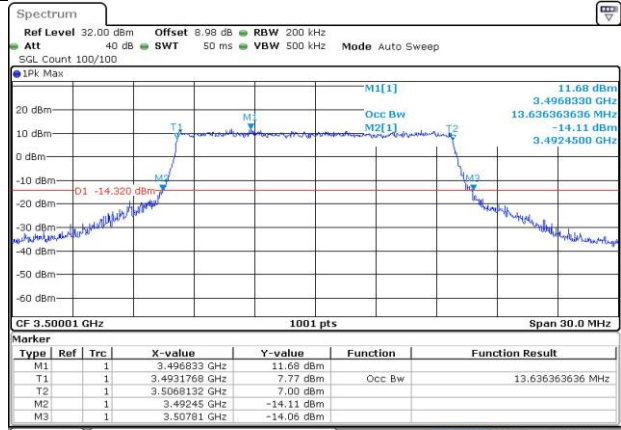
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MCH\_CP-QPSK / Outer\_Full



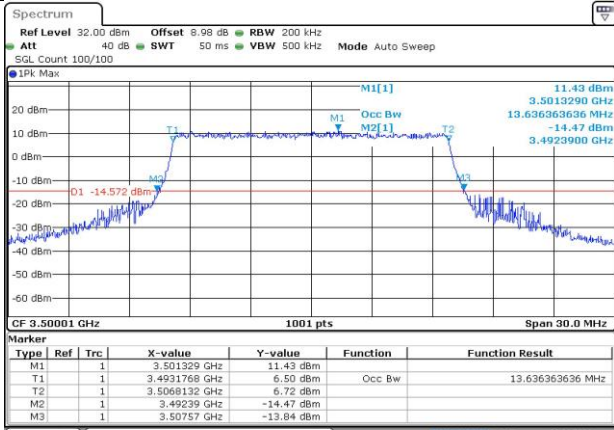
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MCH\_CP-16QAM / Outer\_Full



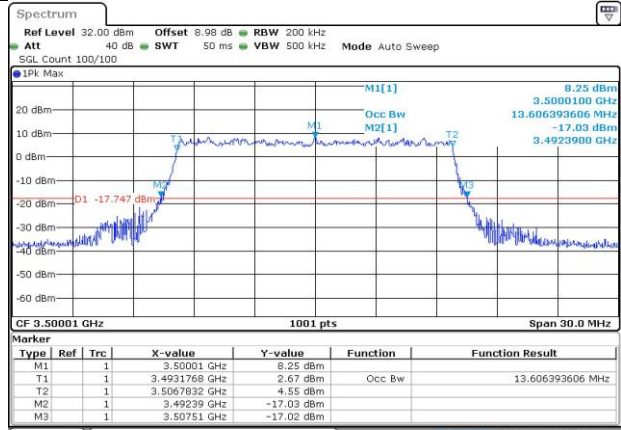
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MCH\_CP-64QAM / Outer\_Full



Date: 26.JAN.2024 14:57:33

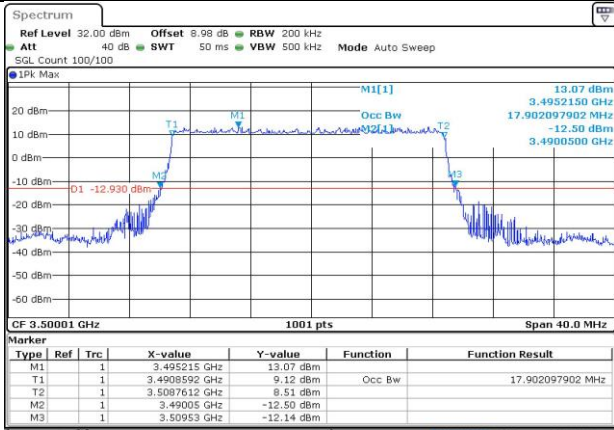
MCH\_CP-256QAM / Outer\_Full



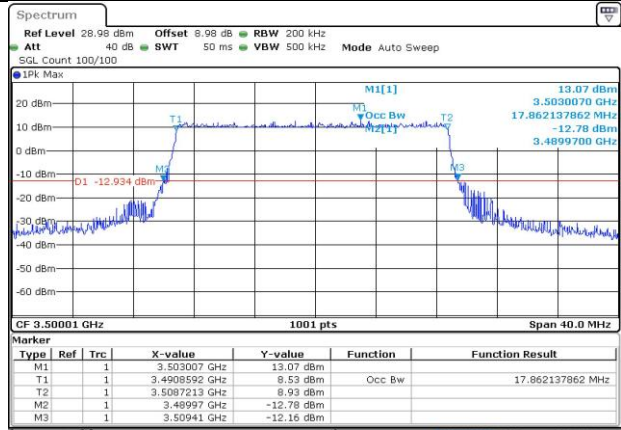
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n78A / 30KHz / 20MHz

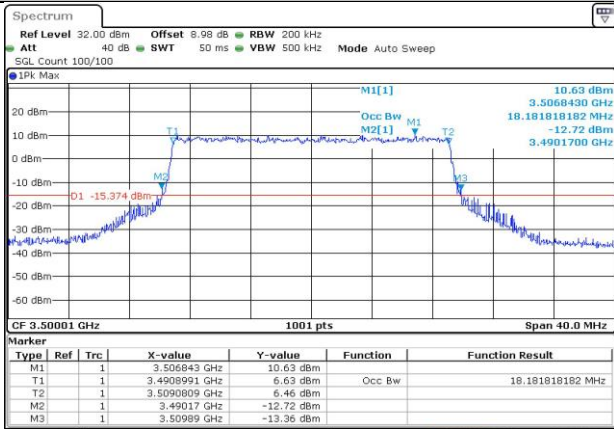
MCH\_DFT-Pi2BPSK / Outer\_Full



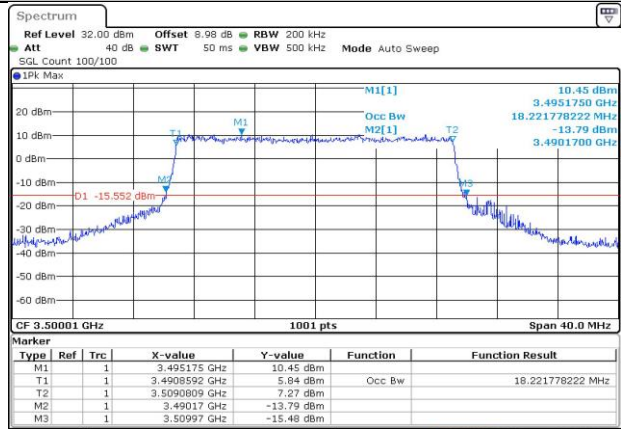
MCH\_DFT-QPSK / Outer\_Full



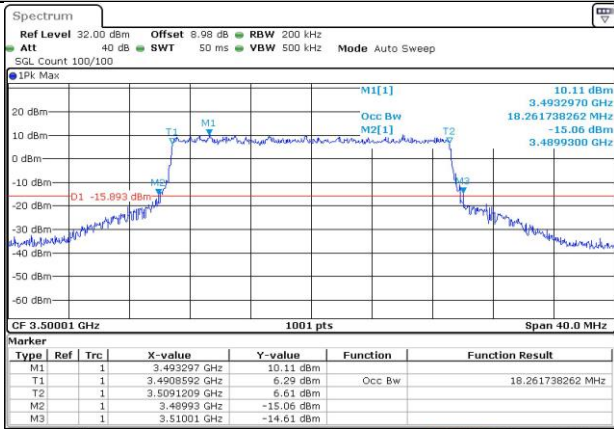
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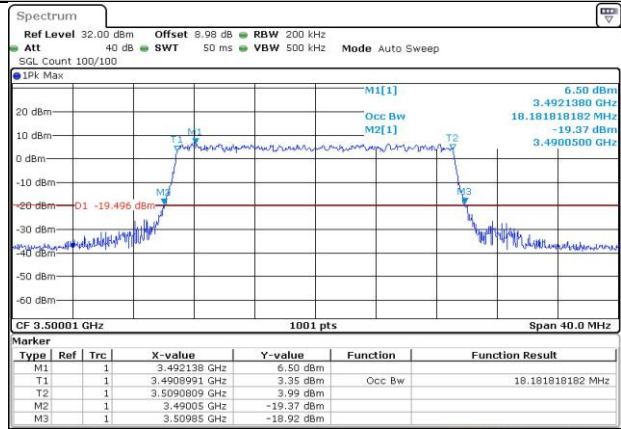
MCH\_CP-16QAM / Outer\_Full



MCH\_CP-64QAM / Outer\_Full

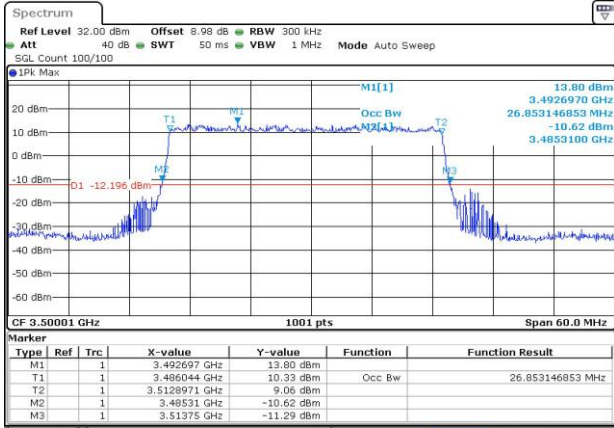


MCH\_CP-256QAM / Outer\_Full



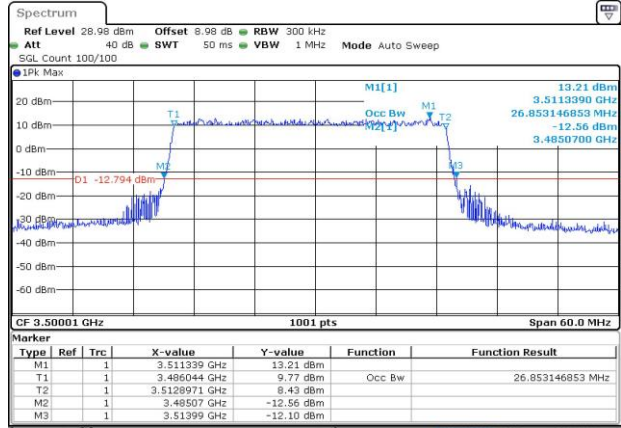
n78A / 30KHz / 30MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



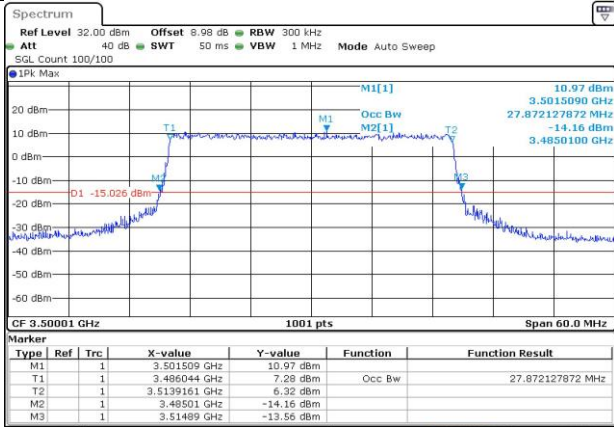
Date: 26.JAN.2024 15:00:10

MCH\_DFT-QPSK / Outer\_Full



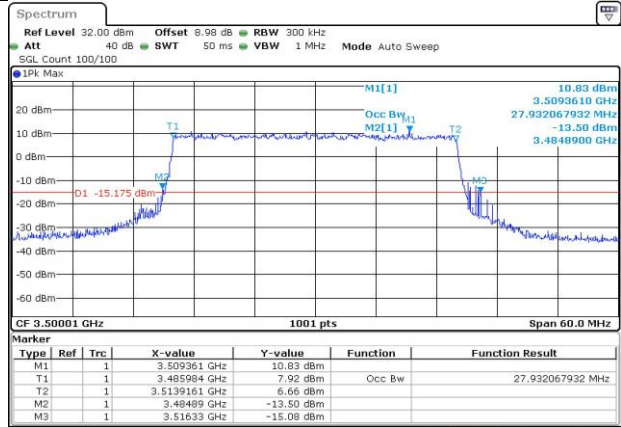
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MCH\_CP-QPSK / Outer\_Full



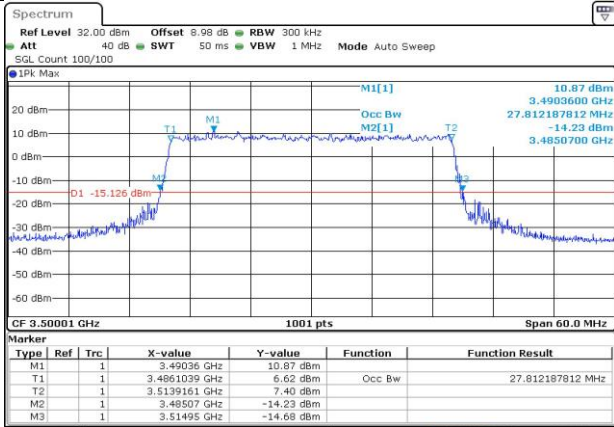
Date: 26.JAN.2024 15:00:53

MCH\_CP-16QAM / Outer\_Full



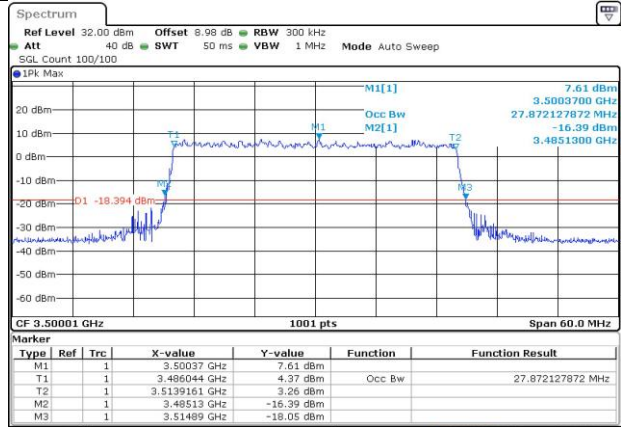
Date: 26.JAN.2024 15:01:06

MCH\_CP-64QAM / Outer\_Full



Date: 26.JAN.2024 15:01:20

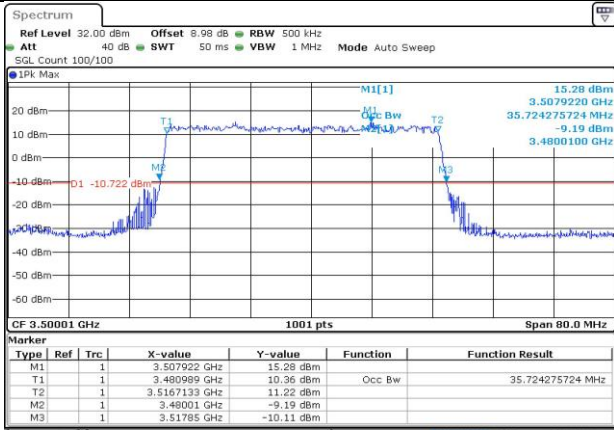
MCH\_CP-256QAM / Outer\_Full



Date: 26.JAN.2024 15:01:33

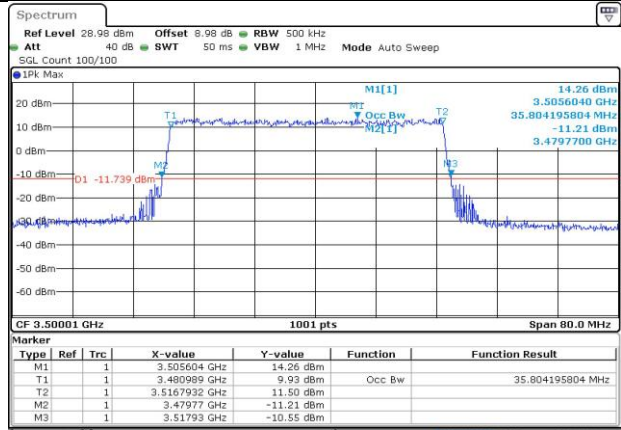
n78A / 30KHz / 40MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



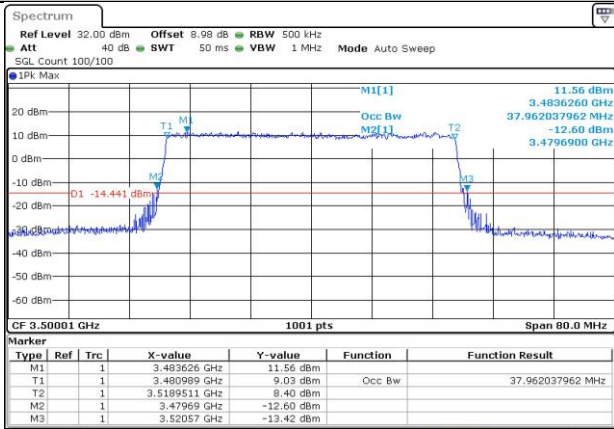
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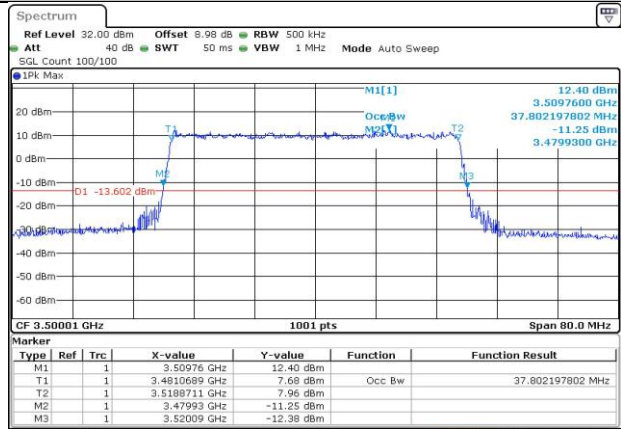
Date: 26.JAN.2024 15:02:25

MCH\_CP-QPSK / Outer\_Full



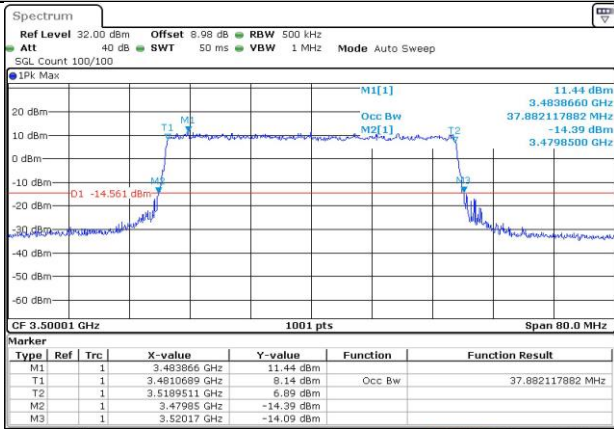
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MCH\_CP-16QAM / Outer\_Full



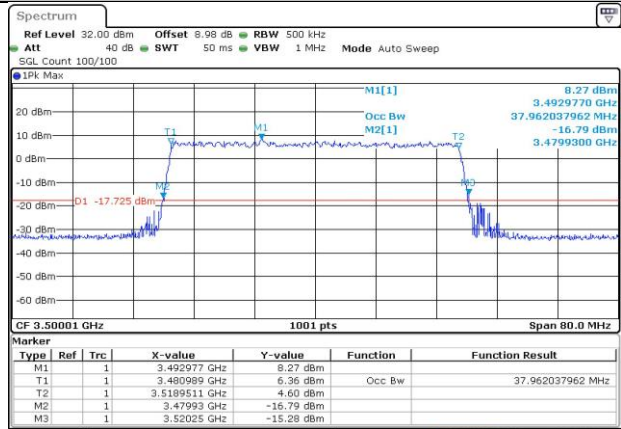
Date: 26.JAN.2024 15:02:51

MCH\_CP-64QAM / Outer\_Full



Date: 26.JAN.2024 15:03:04

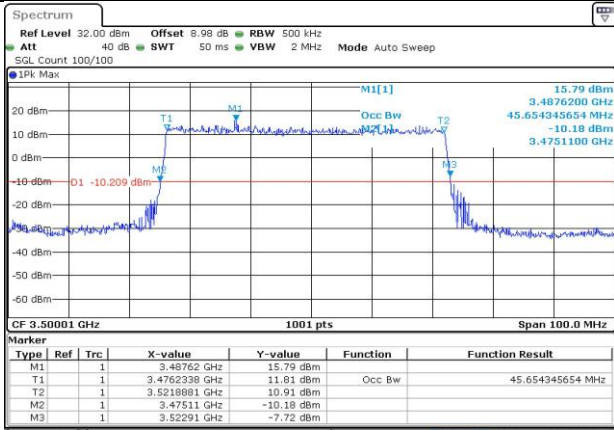
MCH\_CP-256QAM / Outer\_Full



Date: 26.JAN.2024 15:03:18

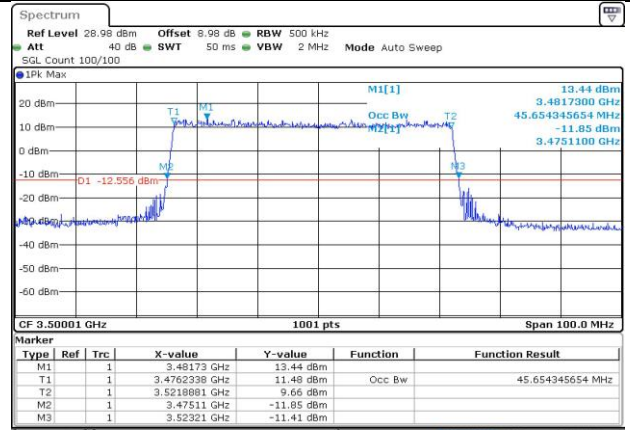
n78A / 30KHz / 50MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



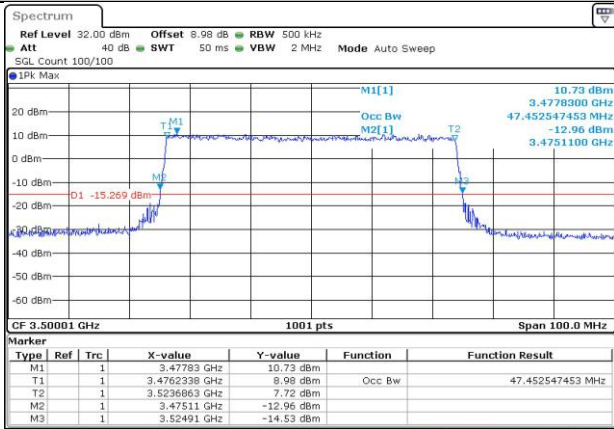
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MCH\_DFT-QPSK / Outer\_Full



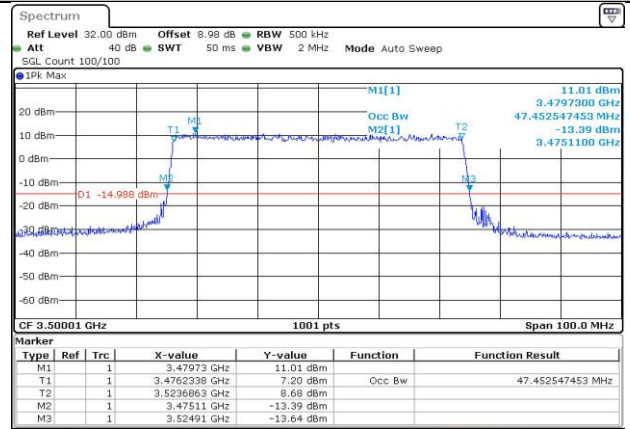
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MCH\_CP-QPSK / Outer\_Full



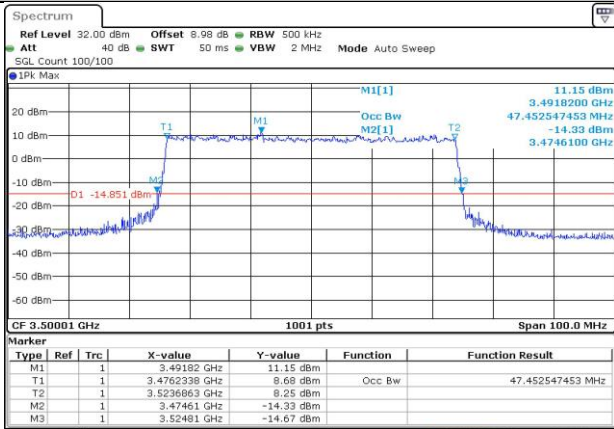
Date: 26.JAN.2024 15:04:31

MCH\_CP-16QAM / Outer\_Full



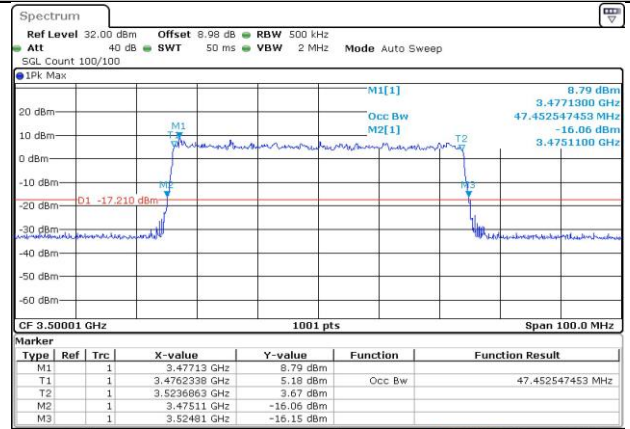
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MCH\_CP-64QAM / Outer\_Full



Date: 26.JAN.2024 15:04:58

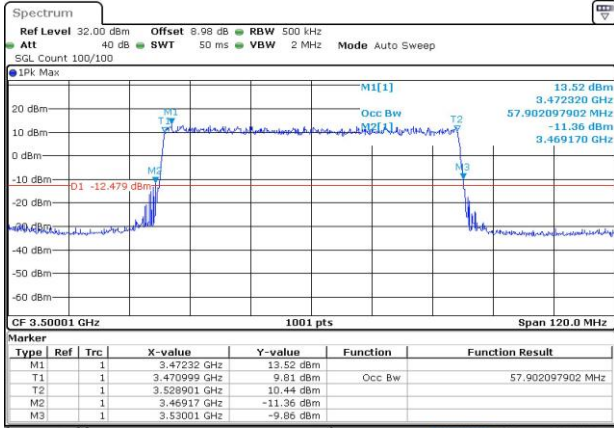
MCH\_CP-256QAM / Outer\_Full



Date: 26.JAN.2024 15:05:12

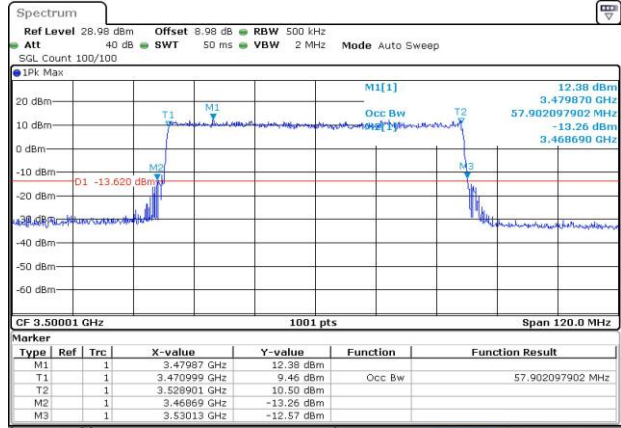
n78A / 30KHz / 60MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



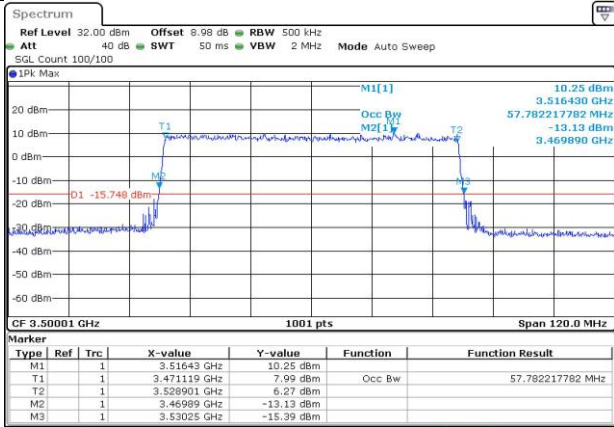
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MCH\_DFT-QPSK / Outer\_Full



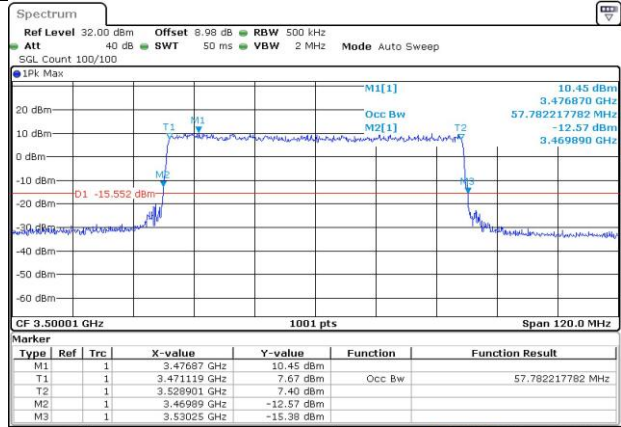
Date: 26.JAN.2024 15:09:30

MCH\_CP-QPSK / Outer\_Full



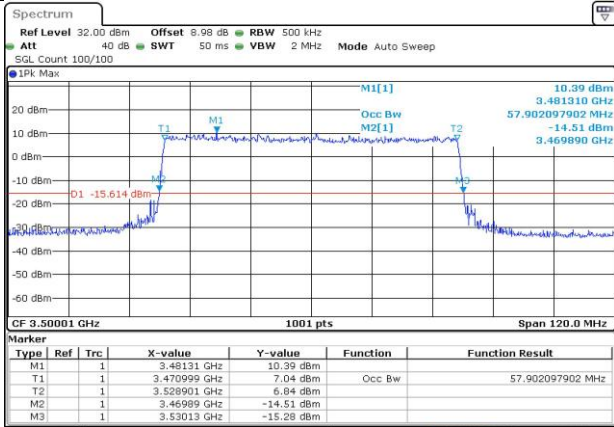
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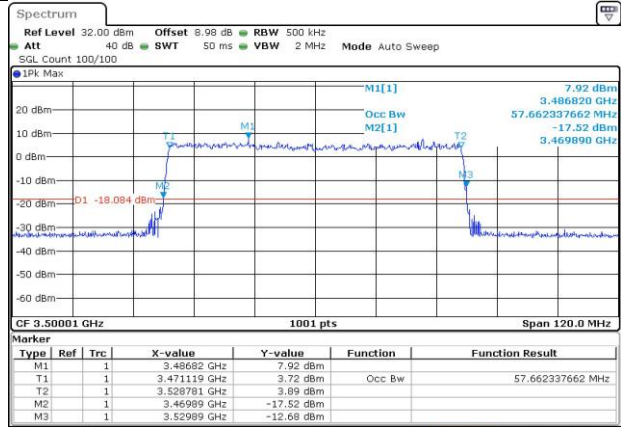
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MCH\_CP-64QAM / Outer\_Full



Date: 26.JAN.2024 15:10:09

MCH\_CP-256QAM / Outer\_Full

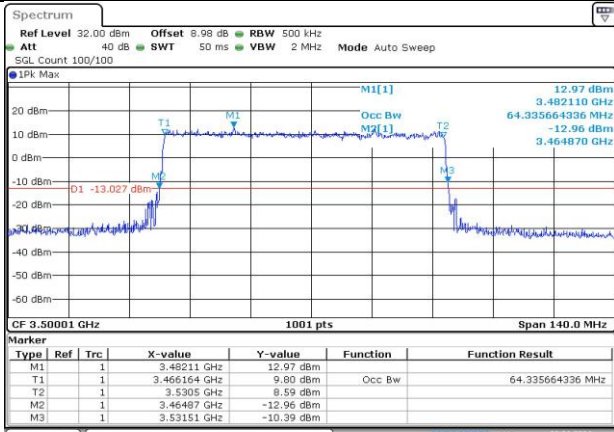


Date: 26.JAN.2024 15:10:23



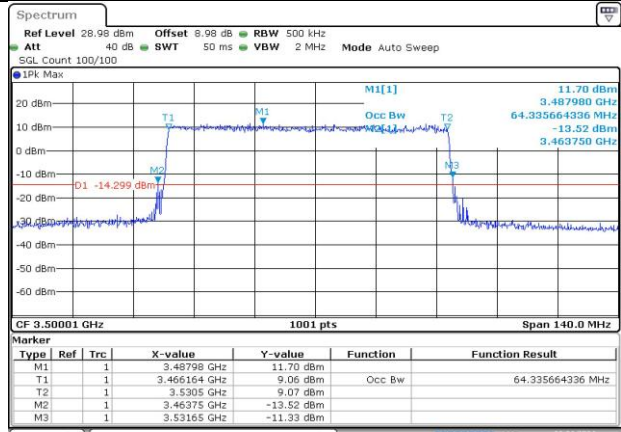
n78A / 30KHz / 70MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



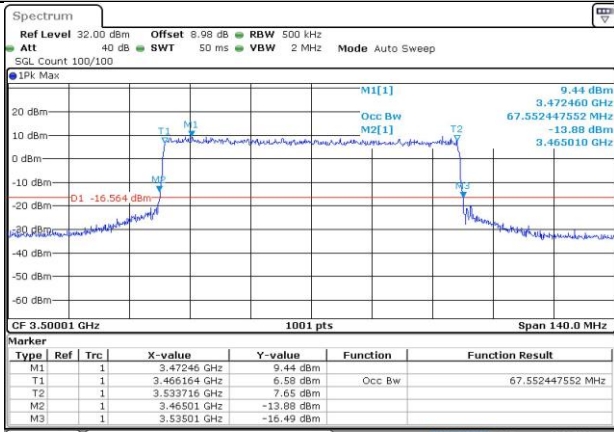
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MCH\_DFT-QPSK / Outer\_Full



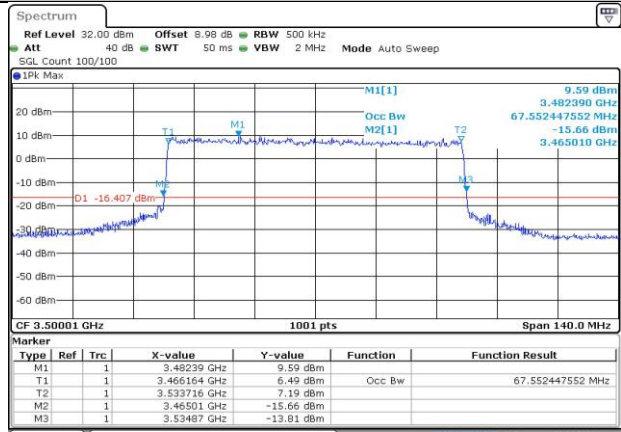
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MCH\_CP-QPSK / Outer\_Full



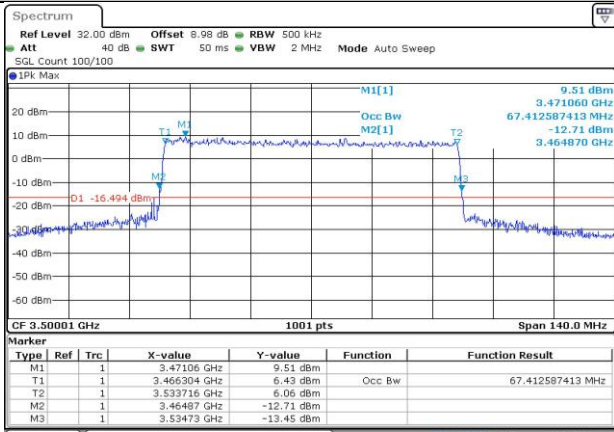
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MCH\_CP-16QAM / Outer\_Full



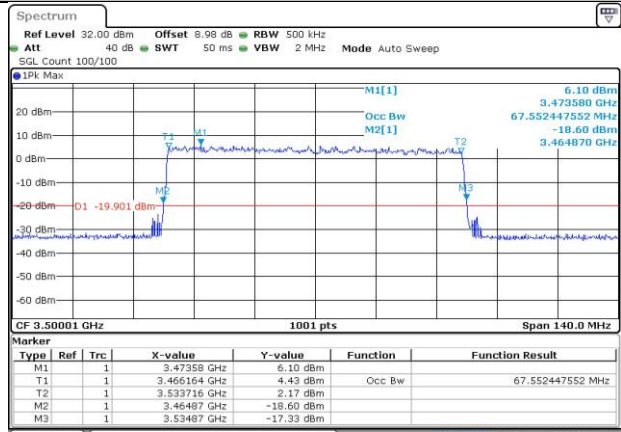
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MCH\_CP-64QAM / Outer\_Full



Date: 26.JAN.2024 15:12:48

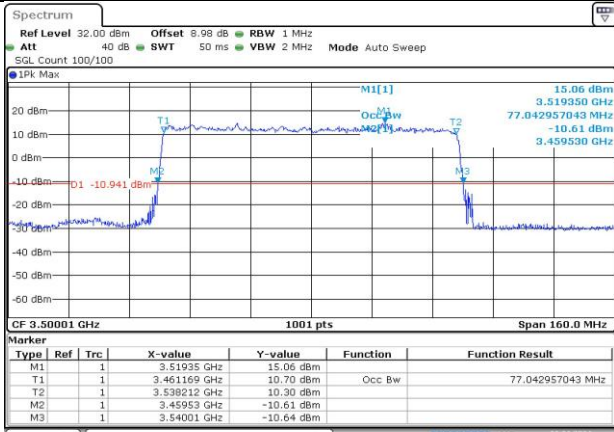
MCH\_CP-256QAM / Outer\_Full



Date: 26.JAN.2024 15:13:02

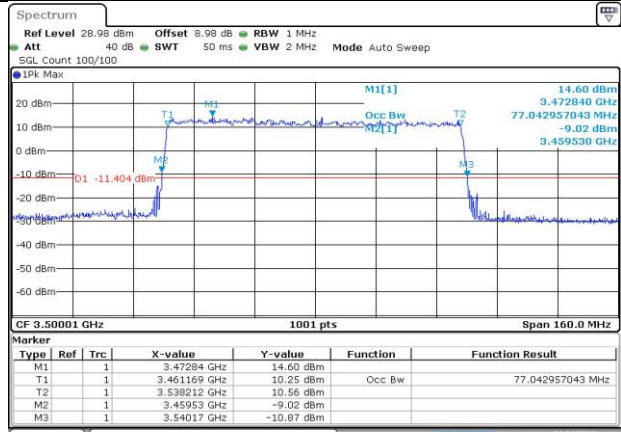
n78A / 30KHz / 80MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



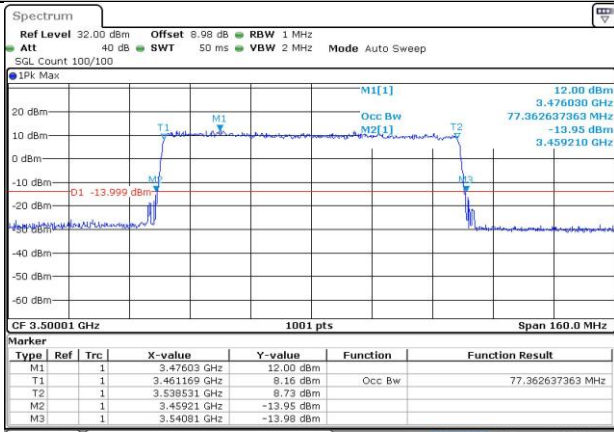
Date: 26.JAN.2024 15:13:24

MCH\_DFT-QPSK / Outer\_Full



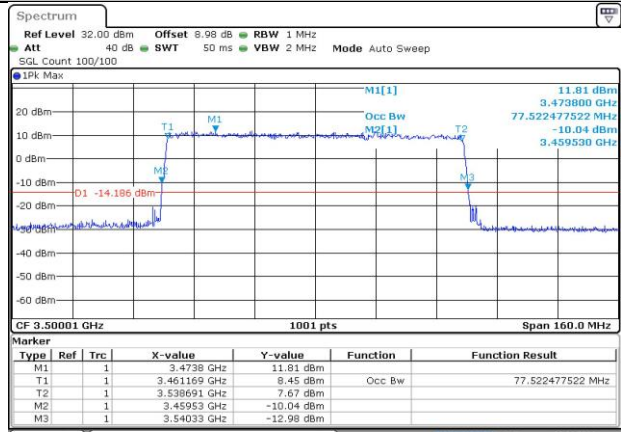
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MCH\_CP-QPSK / Outer\_Full



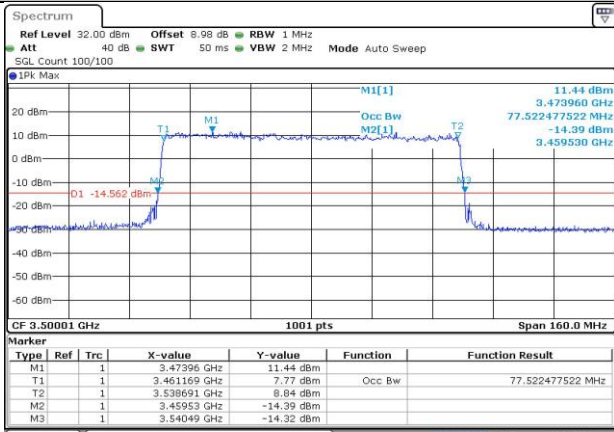
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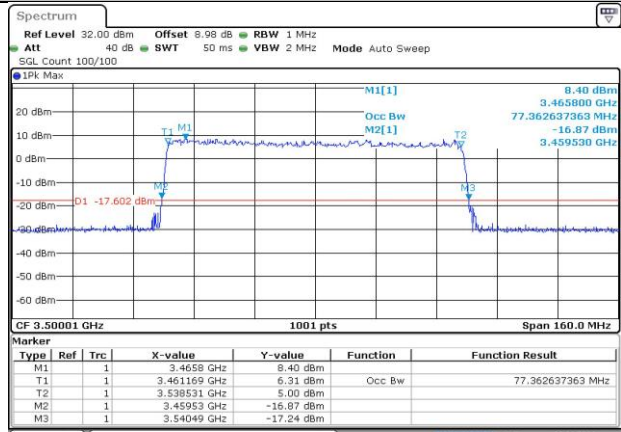
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MCH\_CP-64QAM / Outer\_Full



Date: 26.JAN.2024 15:14:28

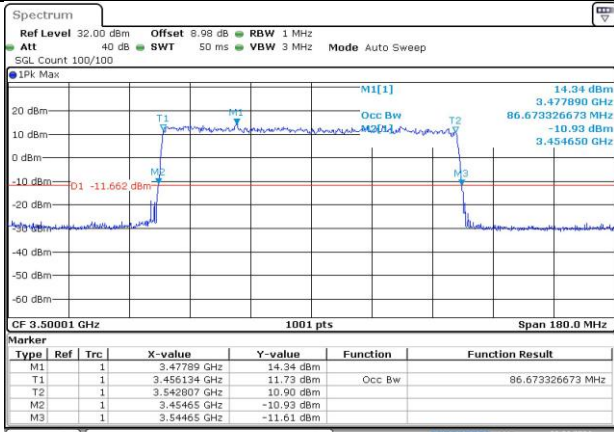
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Date: 26.JAN.2024 15:14:42

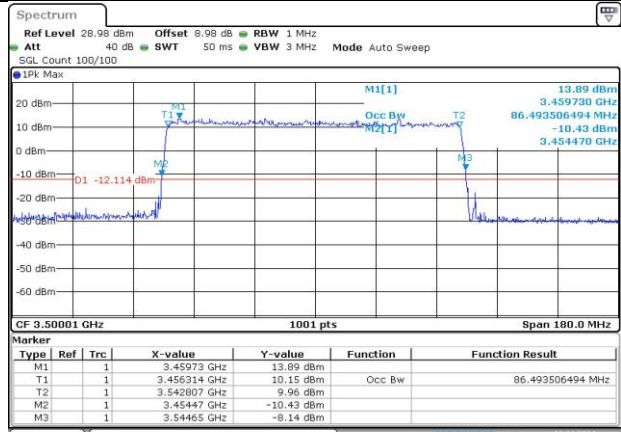
n78A / 30KHz / 90MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



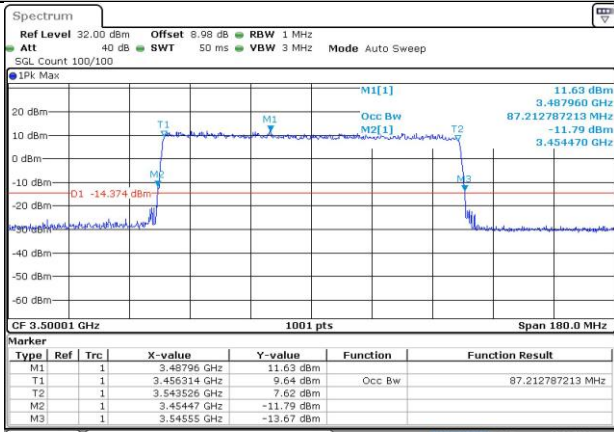
Date: 26.JAN.2024 15:15:04

MCH\_DFT-QPSK / Outer\_Full



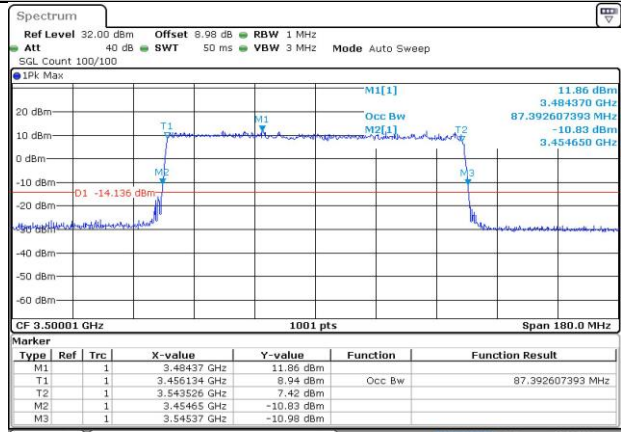
Date: 26.JAN.2024 15:15:29

MCH\_CP-QPSK / Outer\_Full



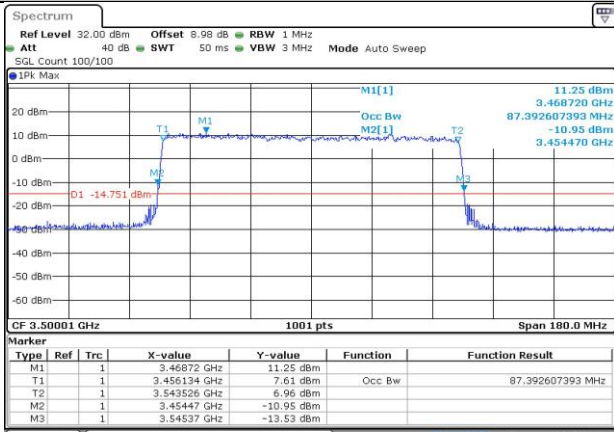
Date: 26.JAN.2024 15:15:43

MCH\_CP-16QAM / Outer\_Full



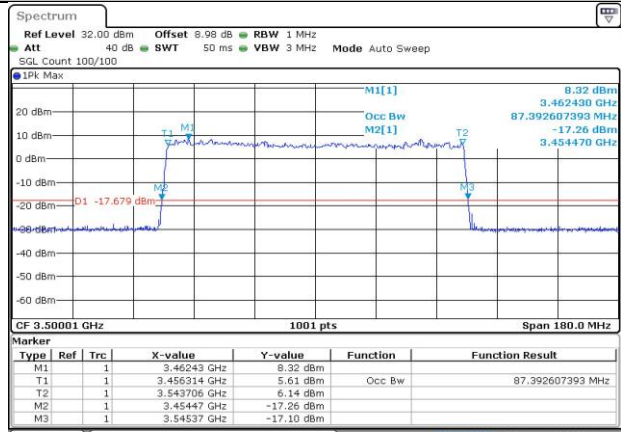
Date: 26.JAN.2024 15:15:56

MCH\_CP-64QAM / Outer\_Full



Date: 26.JAN.2024 15:16:09

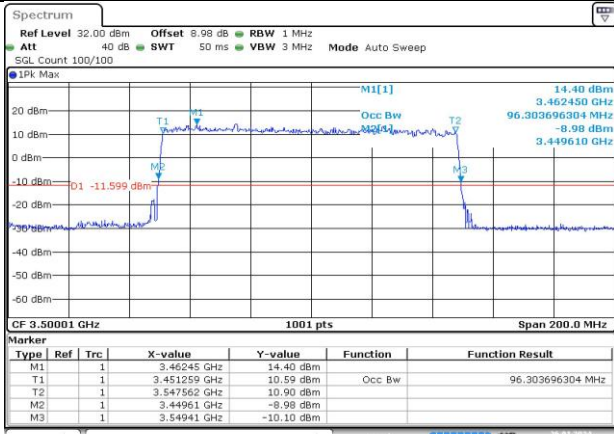
MCH\_CP-256QAM / Outer\_Full



Date: 26.JAN.2024 15:16:23

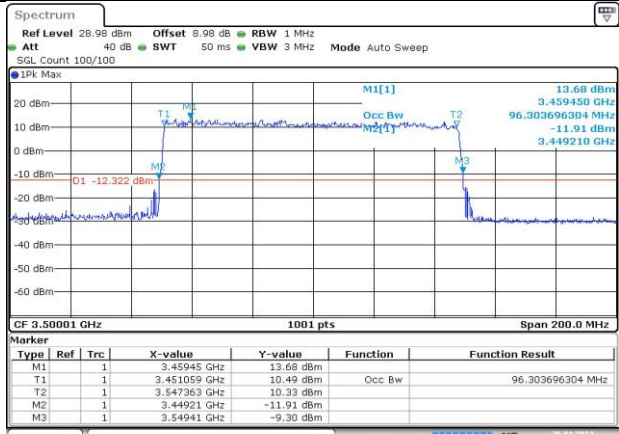
n78A / 30KHz / 100MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



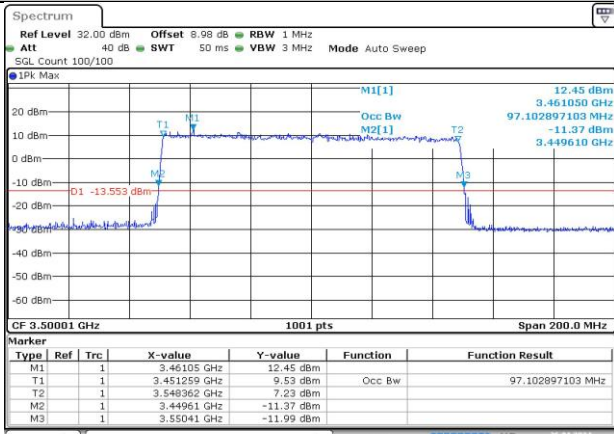
Date: 26.JAN.2024 15:16:42

MCH\_DFT-QPSK / Outer\_Full



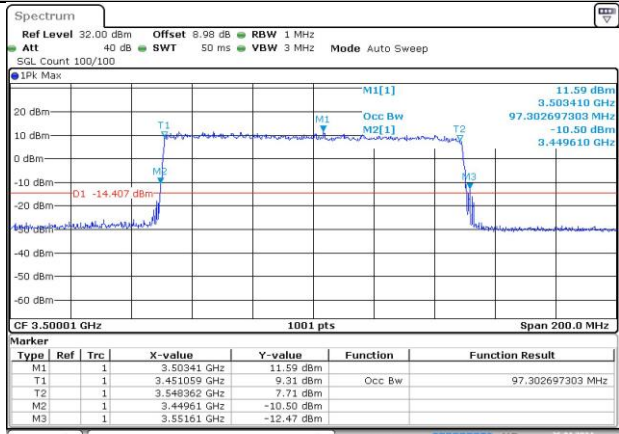
Date: 26.JAN.2024 15:17:07

MCH\_CP-QPSK / Outer\_Full



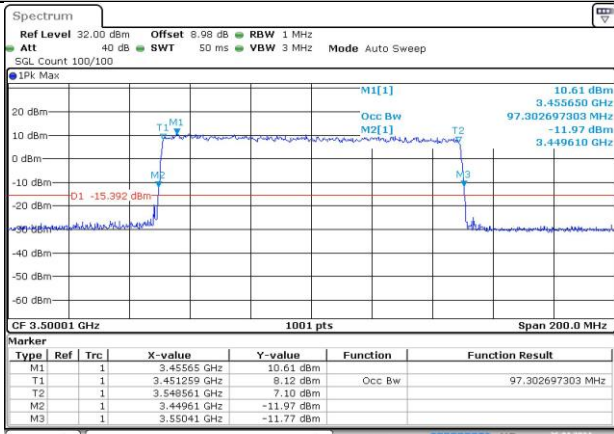
Date: 26.JAN.2024 15:17:21

MCH\_CP-16QAM / Outer\_Full



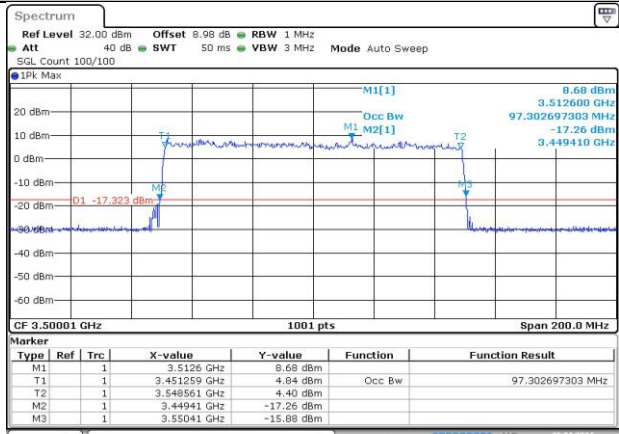
Date: 26.JAN.2024 15:17:33

MCH\_CP-64QAM / Outer\_Full



Date: 26.JAN.2024 15:17:46

MCH\_CP-256QAM / Outer\_Full



Date: 26.JAN.2024 15:21:34

### 5. Conducted Band Edges

#### 5.1. Test Plots

