

**Appendix
for
n26A
(824-849)**

Catalogue

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1. Effective Radiated Power

1.1. Test Results @ Ant0 (Antenna Gain=-6.90dBi)

SCS	Bandwidth	Channel	Modulation	Conducted Result (dBm)			Max ERP (dBm)	Limit (dBm)	Verdict
				Inner_1RB_Left	Inner_1RB_Right	Inner_Full			
15KHz	5MHz	LCH	DFT-Pi2BPSK	22.45	22.56	22.38	13.91	38.45	Pass
15KHz	5MHz	LCH	DFT-QPSK	22.20	22.26	22.30	13.65	38.45	Pass
15KHz	5MHz	LCH	DFT-16QAM	21.84	21.86	21.40	13.21	38.45	Pass
15KHz	5MHz	LCH	DFT-64QAM	19.17	19.25	19.82	11.17	38.45	Pass
15KHz	5MHz	LCH	DFT-256QAM	18.66	18.74	17.96	10.09	38.45	Pass
15KHz	5MHz	LCH	CP-QPSK	21.36	21.31	20.74	12.71	38.45	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	22.41	22.39	22.31	13.76	38.45	Pass
15KHz	5MHz	MCH	DFT-QPSK	22.25	22.19	22.30	13.65	38.45	Pass
15KHz	5MHz	MCH	DFT-16QAM	21.75	21.69	21.49	13.10	38.45	Pass
15KHz	5MHz	MCH	DFT-64QAM	20.35	20.26	19.82	11.70	38.45	Pass
15KHz	5MHz	MCH	DFT-256QAM	18.35	18.31	17.78	9.70	38.45	Pass
15KHz	5MHz	MCH	CP-QPSK	20.84	20.94	20.92	12.29	38.45	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	22.12	22.09	22.18	13.53	38.45	Pass
15KHz	5MHz	HCH	DFT-QPSK	22.17	22.12	22.15	13.52	38.45	Pass
15KHz	5MHz	HCH	DFT-16QAM	21.25	21.20	21.26	12.61	38.45	Pass
15KHz	5MHz	HCH	DFT-64QAM	20.24	20.20	19.68	11.59	38.45	Pass
15KHz	5MHz	HCH	DFT-256QAM	18.00	17.93	17.80	9.35	38.45	Pass
15KHz	5MHz	HCH	CP-QPSK	20.93	20.99	20.74	12.34	38.45	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	22.28	22.25	22.43	13.78	38.45	Pass
15KHz	10MHz	LCH	DFT-QPSK	22.47	22.46	22.38	13.82	38.45	Pass
15KHz	10MHz	LCH	DFT-16QAM	21.68	21.57	21.55	13.03	38.45	Pass
15KHz	10MHz	LCH	DFT-64QAM	20.14	20.03	20.19	11.54	38.45	Pass
15KHz	10MHz	LCH	DFT-256QAM	18.02	17.99	18.04	9.39	38.45	Pass
15KHz	10MHz	LCH	CP-QPSK	21.64	20.97	20.99	12.99	38.45	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	22.56	22.63	22.29	13.98	38.45	Pass
15KHz	10MHz	MCH	DFT-QPSK	22.61	22.53	22.36	13.96	38.45	Pass
15KHz	10MHz	MCH	DFT-16QAM	21.58	21.55	21.47	12.93	38.45	Pass
15KHz	10MHz	MCH	DFT-64QAM	20.82	20.75	19.89	12.17	38.45	Pass
15KHz	10MHz	MCH	DFT-256QAM	18.61	18.52	17.81	9.96	38.45	Pass
15KHz	10MHz	MCH	CP-QPSK	20.61	20.51	20.90	12.25	38.45	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	22.40	22.24	22.20	13.75	38.45	Pass
15KHz	10MHz	HCH	DFT-QPSK	22.65	22.56	22.25	14.00	38.45	Pass
15KHz	10MHz	HCH	DFT-16QAM	21.75	21.59	21.40	13.10	38.45	Pass
15KHz	10MHz	HCH	DFT-64QAM	20.12	20.00	19.83	11.47	38.45	Pass
15KHz	10MHz	HCH	DFT-256QAM	17.95	17.83	17.75	9.30	38.45	Pass
15KHz	10MHz	HCH	CP-QPSK	20.60	20.55	20.81	12.16	38.45	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	22.64	22.55	22.36	13.99	38.45	Pass
15KHz	15MHz	LCH	DFT-QPSK	21.97	21.87	22.41	13.76	38.45	Pass
15KHz	15MHz	LCH	DFT-16QAM	21.73	21.63	21.38	13.08	38.45	Pass
15KHz	15MHz	LCH	DFT-64QAM	19.97	19.72	20.01	11.36	38.45	Pass
15KHz	15MHz	LCH	DFT-256QAM	17.84	17.70	17.90	9.25	38.45	Pass
15KHz	15MHz	LCH	CP-QPSK	21.09	21.15	20.95	12.50	38.45	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	22.53	22.33	22.30	13.88	38.45	Pass
15KHz	15MHz	MCH	DFT-QPSK	22.58	22.32	22.29	13.93	38.45	Pass
15KHz	15MHz	MCH	DFT-16QAM	21.76	21.55	21.26	13.11	38.45	Pass
15KHz	15MHz	MCH	DFT-64QAM	20.48	20.29	19.87	11.83	38.45	Pass
15KHz	15MHz	MCH	DFT-256QAM	18.51	18.35	17.75	9.86	38.45	Pass
15KHz	15MHz	MCH	CP-QPSK	20.61	20.77	20.80	12.15	38.45	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	22.24	22.02	22.14	13.59	38.45	Pass
15KHz	15MHz	HCH	DFT-QPSK	22.09	22.00	22.25	13.60	38.45	Pass
15KHz	15MHz	HCH	DFT-16QAM	21.63	21.39	21.26	12.98	38.45	Pass
15KHz	15MHz	HCH	DFT-64QAM	20.47	20.32	19.74	11.82	38.45	Pass
15KHz	15MHz	HCH	DFT-256QAM	18.26	18.11	17.88	9.61	38.45	Pass
15KHz	15MHz	HCH	CP-QPSK	20.95	20.67	20.72	12.30	38.45	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	22.33	22.13	22.36	13.71	38.45	Pass
15KHz	20MHz	LCH	DFT-QPSK	22.49	22.28	22.32	13.84	38.45	Pass
15KHz	20MHz	LCH	DFT-16QAM	21.63	21.43	21.45	12.98	38.45	Pass
15KHz	20MHz	LCH	DFT-64QAM	20.23	20.05	19.98	11.58	38.45	Pass

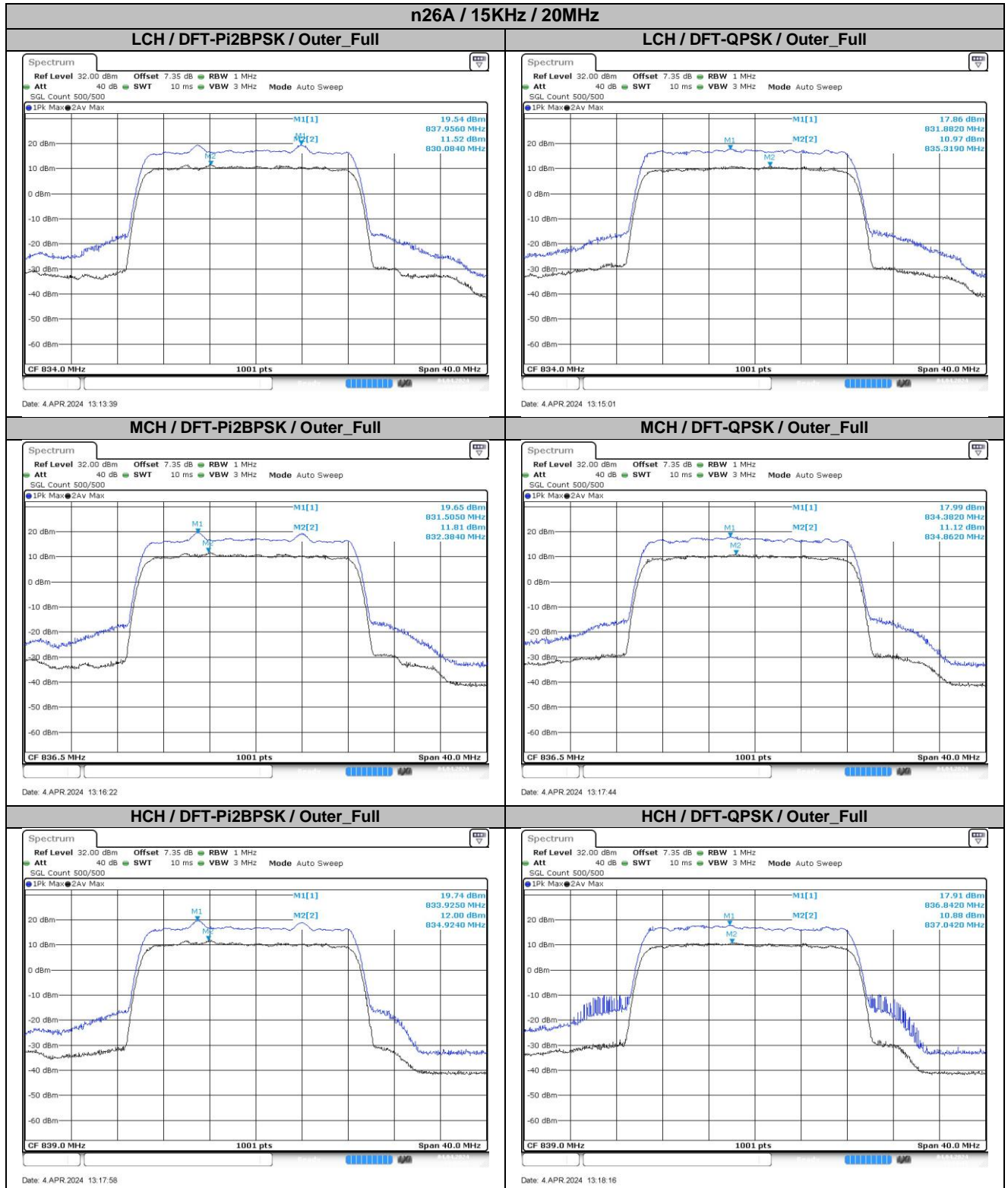
15KHz	20MHz	LCH	DFT-256QAM	18.06	17.88	17.89	9.41	38.45	Pass
15KHz	20MHz	LCH	CP-QPSK	20.89	20.75	20.79	12.24	38.45	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	22.35	22.13	22.30	13.70	38.45	Pass
15KHz	20MHz	MCH	DFT-QPSK	22.10	21.83	22.25	13.60	38.45	Pass
15KHz	20MHz	MCH	DFT-16QAM	21.88	21.62	21.34	13.23	38.45	Pass
15KHz	20MHz	MCH	DFT-64QAM	20.39	20.22	19.85	11.74	38.45	Pass
15KHz	20MHz	MCH	DFT-256QAM	18.23	18.10	17.82	9.58	38.45	Pass
15KHz	20MHz	MCH	CP-QPSK	20.76	20.60	20.91	12.26	38.45	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	22.23	21.97	22.18	13.58	38.45	Pass
15KHz	20MHz	HCH	DFT-QPSK	22.35	22.03	22.26	13.70	38.45	Pass
15KHz	20MHz	HCH	DFT-16QAM	21.96	21.69	21.29	13.31	38.45	Pass
15KHz	20MHz	HCH	DFT-64QAM	19.84	19.52	19.79	11.19	38.45	Pass
15KHz	20MHz	HCH	DFT-256QAM	18.31	18.10	17.85	9.66	38.45	Pass
15KHz	20MHz	HCH	CP-QPSK	21.07	20.86	20.81	12.42	38.45	Pass

2. Peak-to-Average Ratio

2.1. Test Results

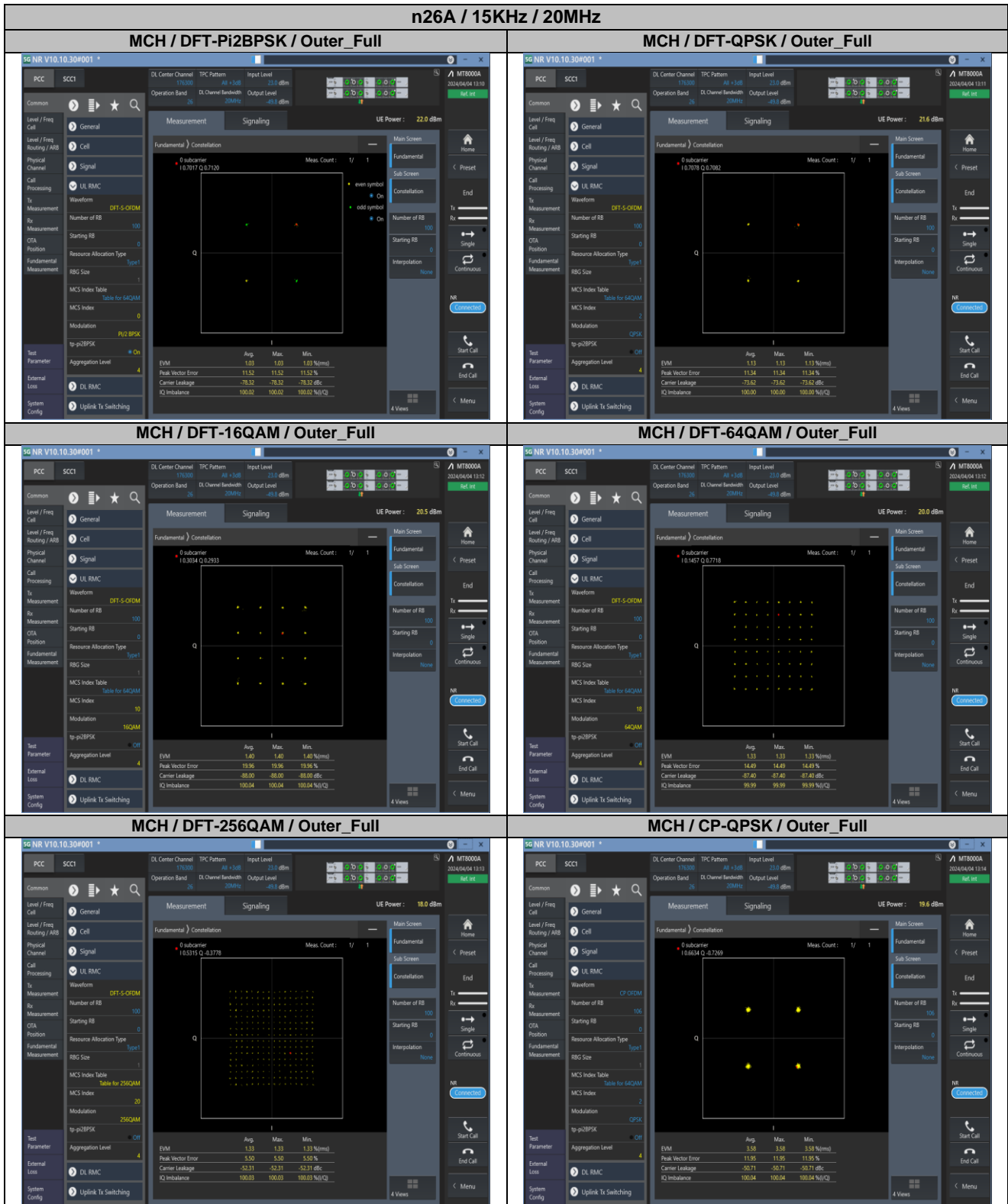
SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	20MHz	LCH	Outer_Full	8.02	6.89	13.00	Pass
15KHz	20MHz	MCH	Outer_Full	7.83	6.87	13.00	Pass
15KHz	20MHz	HCH	Outer_Full	7.74	7.03	13.00	Pass

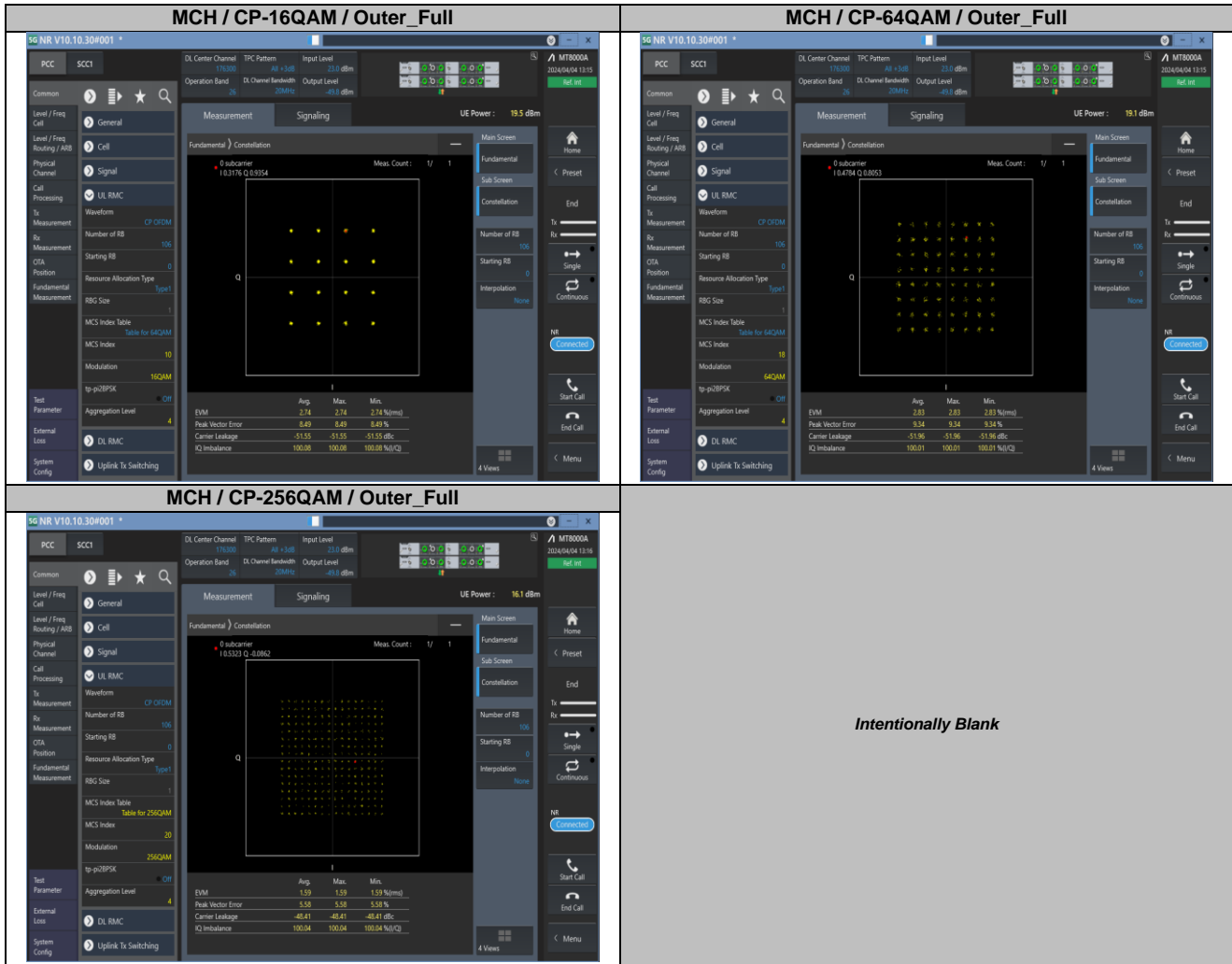
2.2. Test Plots



3. Modulation Characteristics

3.1. Test Plots





Intentionally Blank

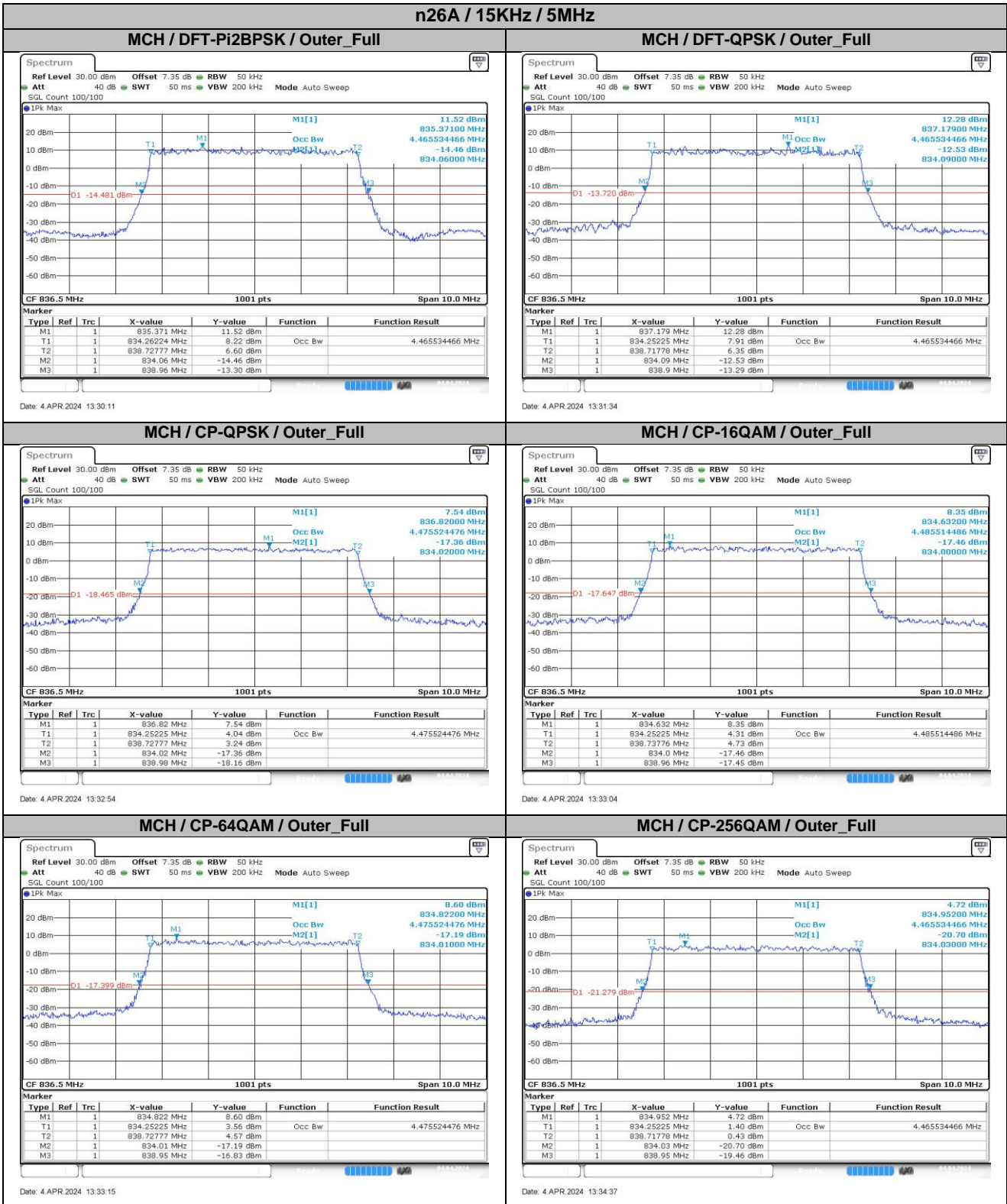
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

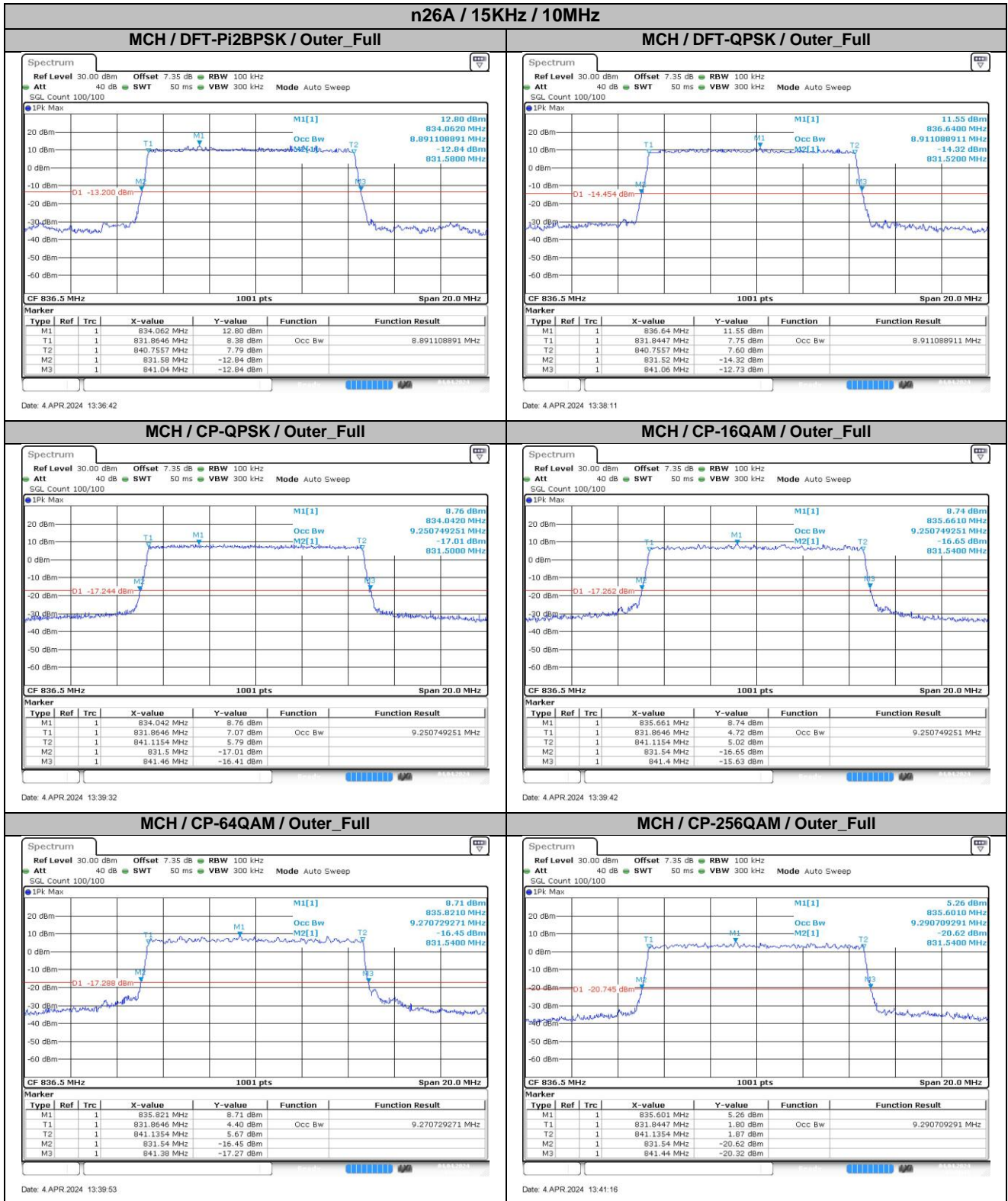
4.1. Test Results

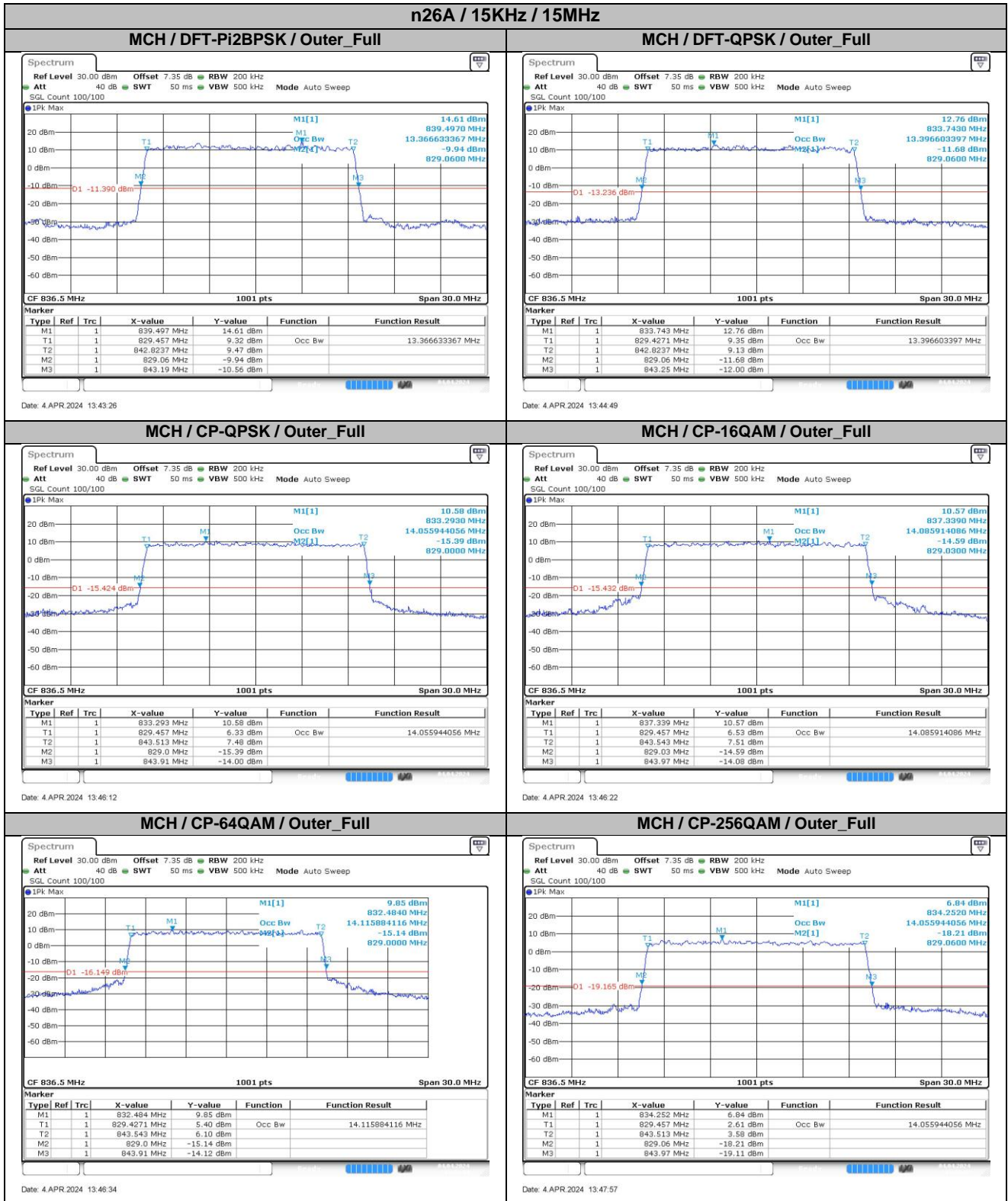
SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.47	4.90	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.47	4.81	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.48	4.96	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.49	4.96	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.48	4.94	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.47	4.92	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.89	9.46	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.91	9.54	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.25	9.96	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.25	9.86	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.27	9.84	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.29	9.90	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.37	14.13	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.40	14.19	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.06	14.91	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.09	14.94	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.12	14.91	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.06	14.91	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.82	18.72	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.78	18.72	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.86	19.80	Pass

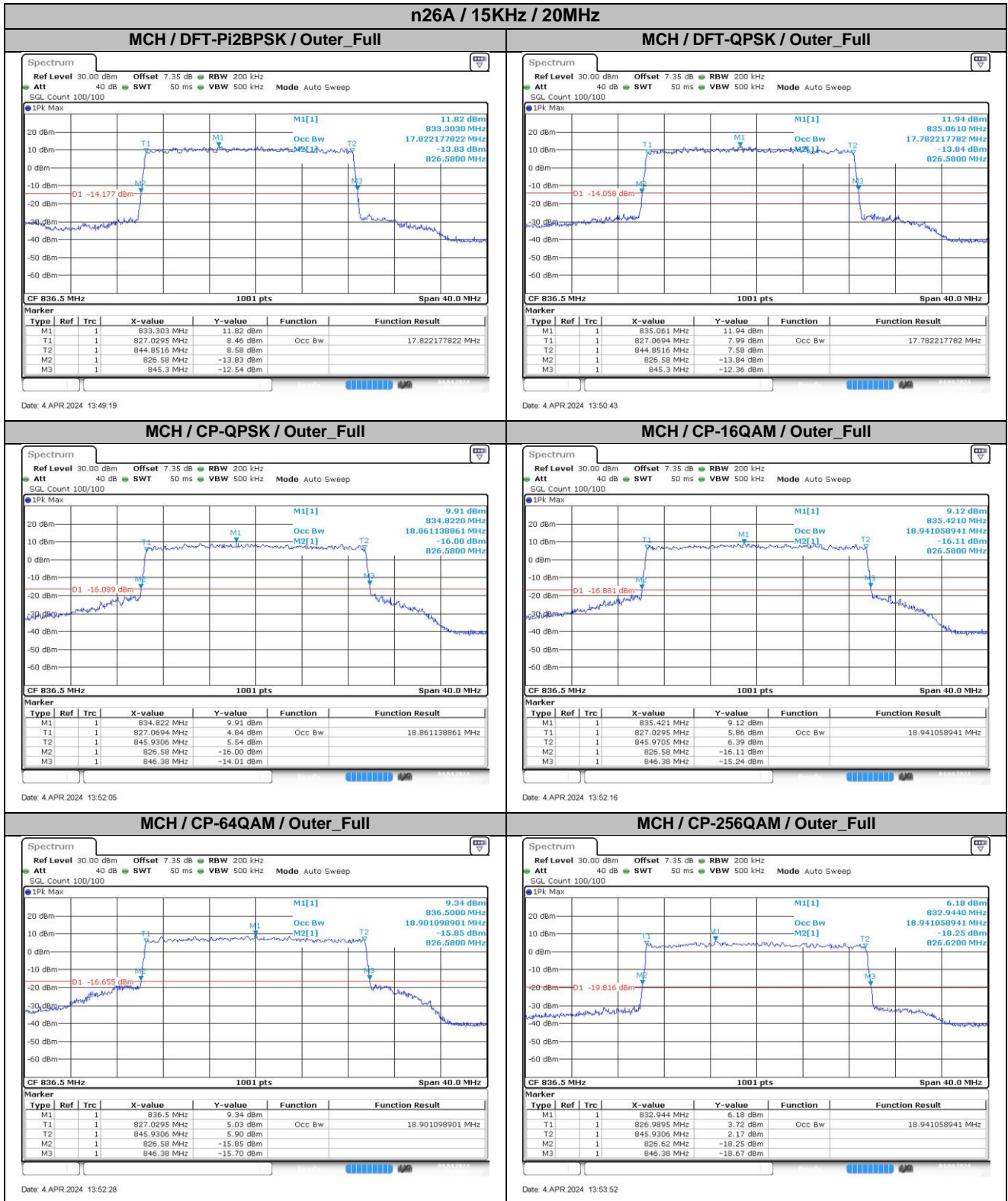
15KHz	20MHz	CP-16QAM	Outer_Full	18.94	19.80	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.90	19.80	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.94	19.76	Pass

4.2. Test Plots









5. Conducted Band Edges

5.1. Test Plots

