

**Appendix
for
n66A
(1710-1780)**

Catalogue

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant1 (Antenna Gain=-3.00dBi)

SCS	Bandwidth	Channel	Modulation	Conducted Result (dBm)			Max EIRP (dBm)	Limit (dBm)	Verdict
				Inner_1RB_Left	Inner_1RB_Right	Inner_Full			
15KHz	5MHz	LCH	DFT-Pi2BPSK	22.93	23.16	22.79	20.16	30.00	Pass
15KHz	5MHz	LCH	DFT-QPSK	22.85	22.64	22.81	19.85	30.00	Pass
15KHz	5MHz	LCH	DFT-16QAM	22.42	22.40	21.96	19.42	30.00	Pass
15KHz	5MHz	LCH	DFT-64QAM	19.65	19.78	20.25	17.25	30.00	Pass
15KHz	5MHz	LCH	DFT-256QAM	19.20	19.23	18.42	16.23	30.00	Pass
15KHz	5MHz	LCH	CP-QPSK	21.82	21.91	21.28	18.91	30.00	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	23.04	23.09	23.11	20.11	30.00	Pass
15KHz	5MHz	MCH	DFT-QPSK	22.99	23.01	23.10	20.10	30.00	Pass
15KHz	5MHz	MCH	DFT-16QAM	22.49	22.48	22.28	19.49	30.00	Pass
15KHz	5MHz	MCH	DFT-64QAM	21.00	21.02	20.65	18.02	30.00	Pass
15KHz	5MHz	MCH	DFT-256QAM	19.12	19.16	18.59	16.16	30.00	Pass
15KHz	5MHz	MCH	CP-QPSK	21.75	21.58	21.64	18.75	30.00	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	22.77	22.78	22.81	19.81	30.00	Pass
15KHz	5MHz	HCH	DFT-QPSK	22.74	22.82	22.79	19.82	30.00	Pass
15KHz	5MHz	HCH	DFT-16QAM	21.91	21.92	21.94	18.94	30.00	Pass
15KHz	5MHz	HCH	DFT-64QAM	20.76	20.83	20.39	17.83	30.00	Pass
15KHz	5MHz	HCH	DFT-256QAM	18.58	18.60	18.45	15.60	30.00	Pass
15KHz	5MHz	HCH	CP-QPSK	21.59	21.77	21.44	18.77	30.00	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	22.79	22.82	22.86	19.86	30.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	22.96	22.99	22.79	19.99	30.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	22.07	22.01	21.98	19.07	30.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	20.59	20.55	20.60	17.60	30.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	18.45	18.47	18.39	15.47	30.00	Pass
15KHz	10MHz	LCH	CP-QPSK	21.62	21.52	21.51	18.62	30.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	23.44	23.42	23.04	20.44	30.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	23.30	23.30	23.08	20.30	30.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	22.31	22.27	22.22	19.31	30.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	20.40	20.42	20.59	17.59	30.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	19.34	19.33	18.60	16.34	30.00	Pass
15KHz	10MHz	MCH	CP-QPSK	21.34	21.17	21.69	18.69	30.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	22.91	22.85	22.87	19.91	30.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	23.29	23.15	22.83	20.29	30.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	22.32	22.26	21.94	19.32	30.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	20.76	20.71	20.42	17.76	30.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	18.54	18.54	18.36	15.54	30.00	Pass
15KHz	10MHz	HCH	CP-QPSK	21.70	21.16	21.40	18.70	30.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	23.01	23.05	22.84	20.05	30.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	22.41	22.46	22.77	19.77	30.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	22.27	22.28	21.73	19.28	30.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	20.27	20.35	20.47	17.47	30.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	18.12	18.24	18.31	15.31	30.00	Pass
15KHz	15MHz	LCH	CP-QPSK	21.32	21.70	21.56	18.70	30.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	23.16	23.26	23.14	20.26	30.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	23.21	23.28	23.15	20.28	30.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	22.39	22.38	22.08	19.39	30.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	21.10	21.23	20.68	18.23	30.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	19.08	19.24	18.61	16.24	30.00	Pass
15KHz	15MHz	MCH	CP-QPSK	21.42	21.61	21.58	18.61	30.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	22.79	22.66	22.76	19.79	30.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	22.60	22.66	22.77	19.77	30.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	22.07	22.11	21.77	19.11	30.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	21.01	21.06	20.34	18.06	30.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	18.74	18.70	18.49	15.74	30.00	Pass
15KHz	15MHz	HCH	CP-QPSK	21.39	21.35	21.38	18.39	30.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	22.74	22.80	22.80	19.80	30.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	22.90	22.97	22.81	19.97	30.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	22.13	22.08	21.91	19.13	30.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	20.75	20.75	20.41	17.75	30.00	Pass

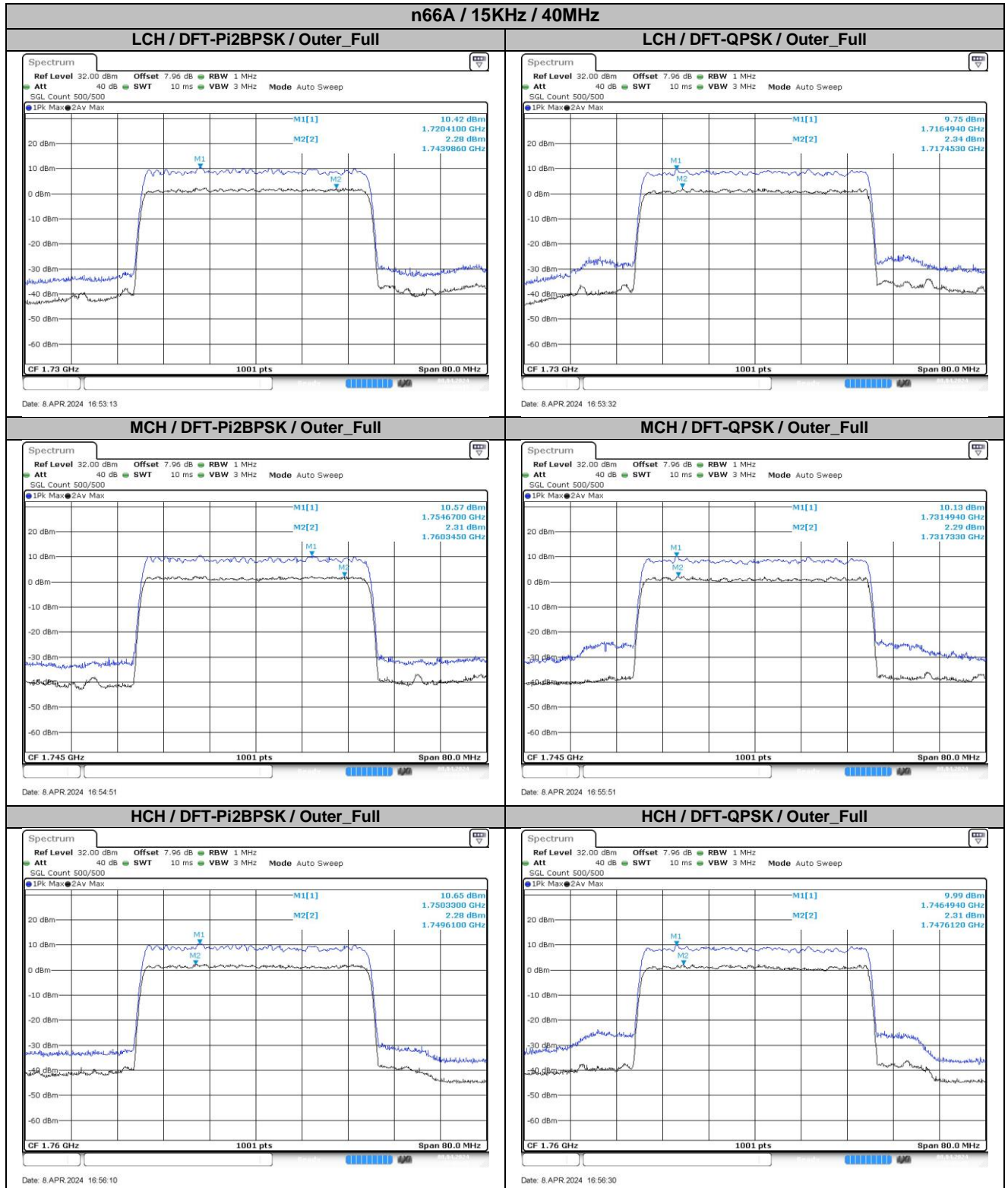
15KHz	20MHz	LCH	DFT-256QAM	18.49	18.50	18.42	15.50	30.00	Pass
15KHz	20MHz	LCH	CP-QPSK	21.39	21.82	21.30	18.82	30.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.05	23.08	23.11	20.11	30.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	22.75	23.02	23.09	20.09	30.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	22.56	21.18	22.07	19.56	30.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	21.11	21.23	20.71	18.23	30.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	18.91	19.07	18.61	16.07	30.00	Pass
15KHz	20MHz	MCH	CP-QPSK	21.50	21.51	21.76	18.76	30.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	22.70	22.62	22.84	19.84	30.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	22.81	22.75	22.77	19.81	30.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	22.38	22.29	21.92	19.38	30.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	20.29	20.17	20.43	17.43	30.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	18.78	18.74	18.41	15.78	30.00	Pass
15KHz	20MHz	HCH	CP-QPSK	21.59	21.57	21.41	18.59	30.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	22.90	23.02	22.83	20.02	30.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	22.85	23.02	22.87	20.02	30.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	22.20	22.16	21.95	19.20	30.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	20.16	20.21	20.41	17.41	30.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	18.36	18.52	18.40	15.52	30.00	Pass
15KHz	30MHz	LCH	CP-QPSK	21.48	21.56	21.40	18.56	30.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	23.05	23.06	23.09	20.09	30.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	23.15	23.16	23.15	20.16	30.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	22.27	22.16	22.29	19.29	30.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	20.98	20.97	20.79	17.98	30.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	19.11	19.22	18.76	16.22	30.00	Pass
15KHz	30MHz	MCH	CP-QPSK	21.75	21.73	21.80	18.80	30.00	Pass
15KHz	30MHz	HCH	DFT-Pi2BPSK	23.05	22.81	22.89	20.05	30.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	23.06	22.84	22.92	20.06	30.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	22.35	22.24	22.02	19.35	30.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	20.98	20.77	20.51	17.98	30.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	18.74	18.76	18.47	15.76	30.00	Pass
15KHz	30MHz	HCH	CP-QPSK	21.66	21.52	21.53	18.66	30.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	22.91	23.01	22.89	20.01	30.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	23.02	23.10	22.89	20.10	30.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	22.22	22.29	22.02	19.29	30.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	20.73	20.82	20.53	17.82	30.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	18.57	18.75	18.57	15.75	30.00	Pass
15KHz	40MHz	LCH	CP-QPSK	21.49	21.58	21.48	18.58	30.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	23.13	23.06	23.08	20.13	30.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	23.01	22.99	23.14	20.14	30.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	22.32	22.31	22.18	19.32	30.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	21.28	21.21	20.71	18.28	30.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	19.03	19.09	18.66	16.09	30.00	Pass
15KHz	40MHz	MCH	CP-QPSK	21.61	21.57	21.66	18.66	30.00	Pass
15KHz	40MHz	HCH	DFT-Pi2BPSK	23.03	22.79	23.01	20.03	30.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	23.04	22.94	22.98	20.04	30.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	22.38	22.19	22.13	19.38	30.00	Pass
15KHz	40MHz	HCH	DFT-64QAM	20.62	20.40	20.64	17.64	30.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	18.94	18.91	18.57	15.94	30.00	Pass
15KHz	40MHz	HCH	CP-QPSK	21.71	21.51	21.57	18.71	30.00	Pass

2. Peak-to-Average Ratio

2.1. Test Results

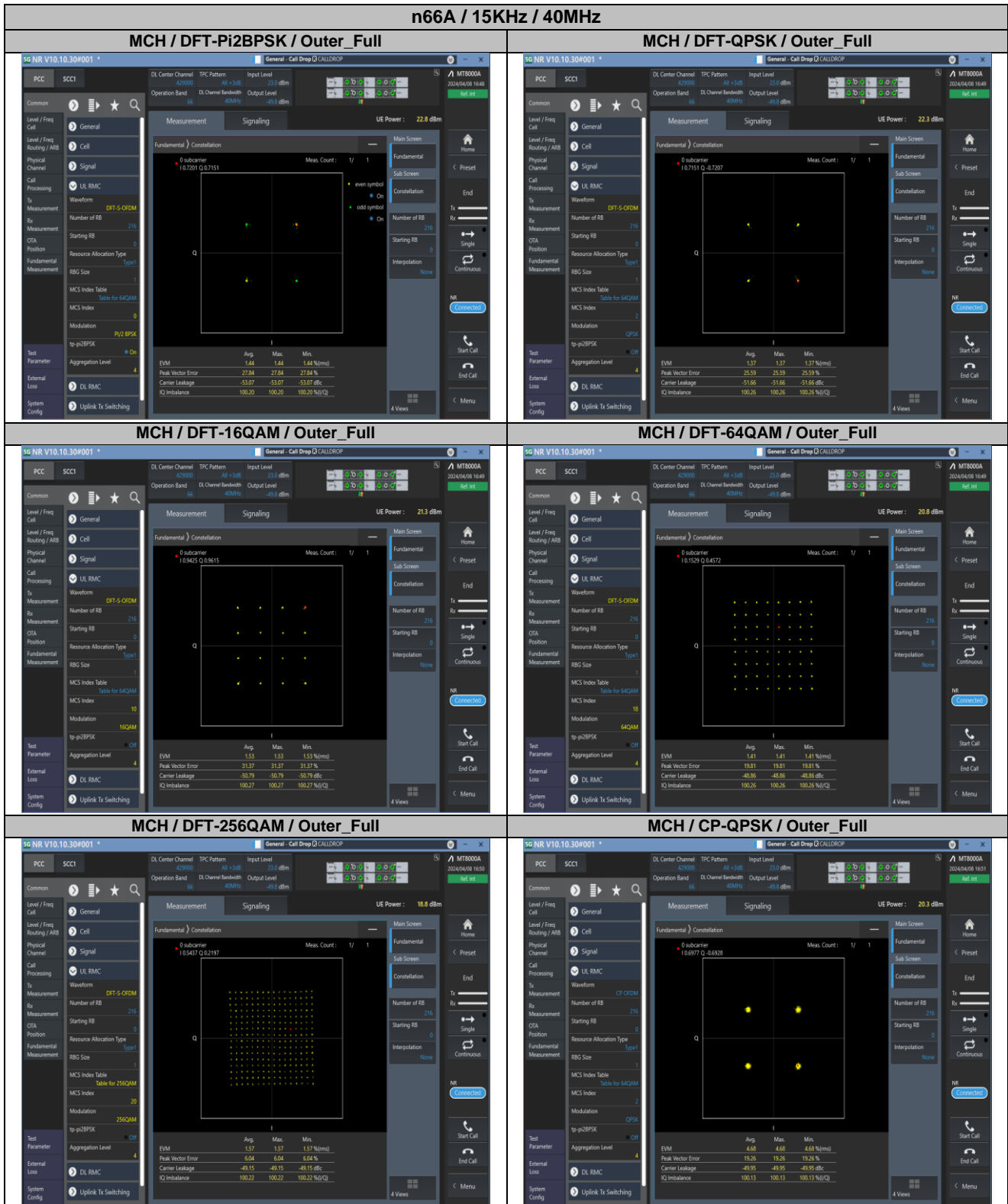
SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	40MHz	LCH	Outer_Full	8.14	7.41	13.00	Pass
15KHz	40MHz	MCH	Outer_Full	8.26	7.84	13.00	Pass
15KHz	40MHz	HCH	Outer_Full	8.37	7.67	13.00	Pass

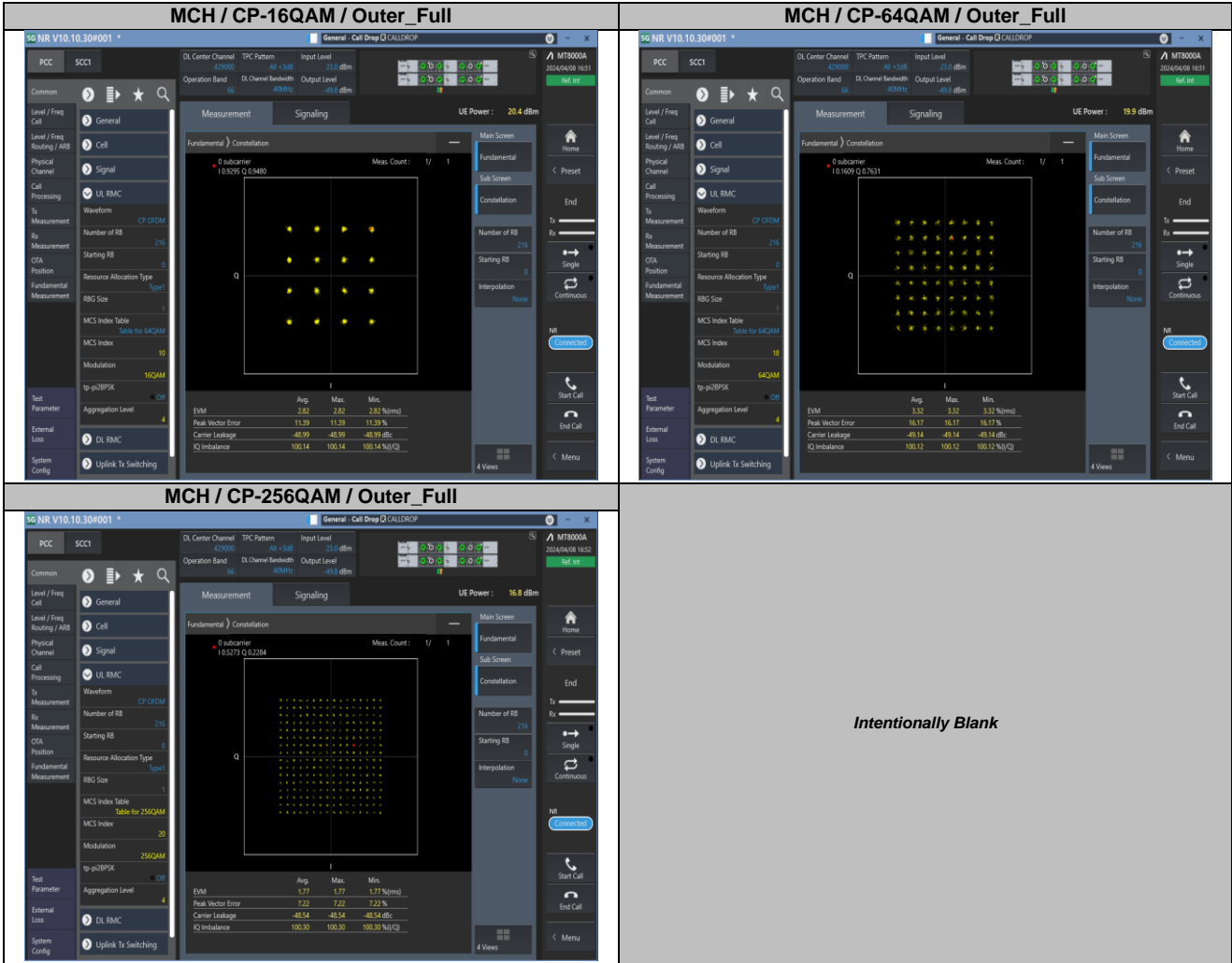
2.2. Test Plots



3. Modulation Characteristics

3.1. Test Plots



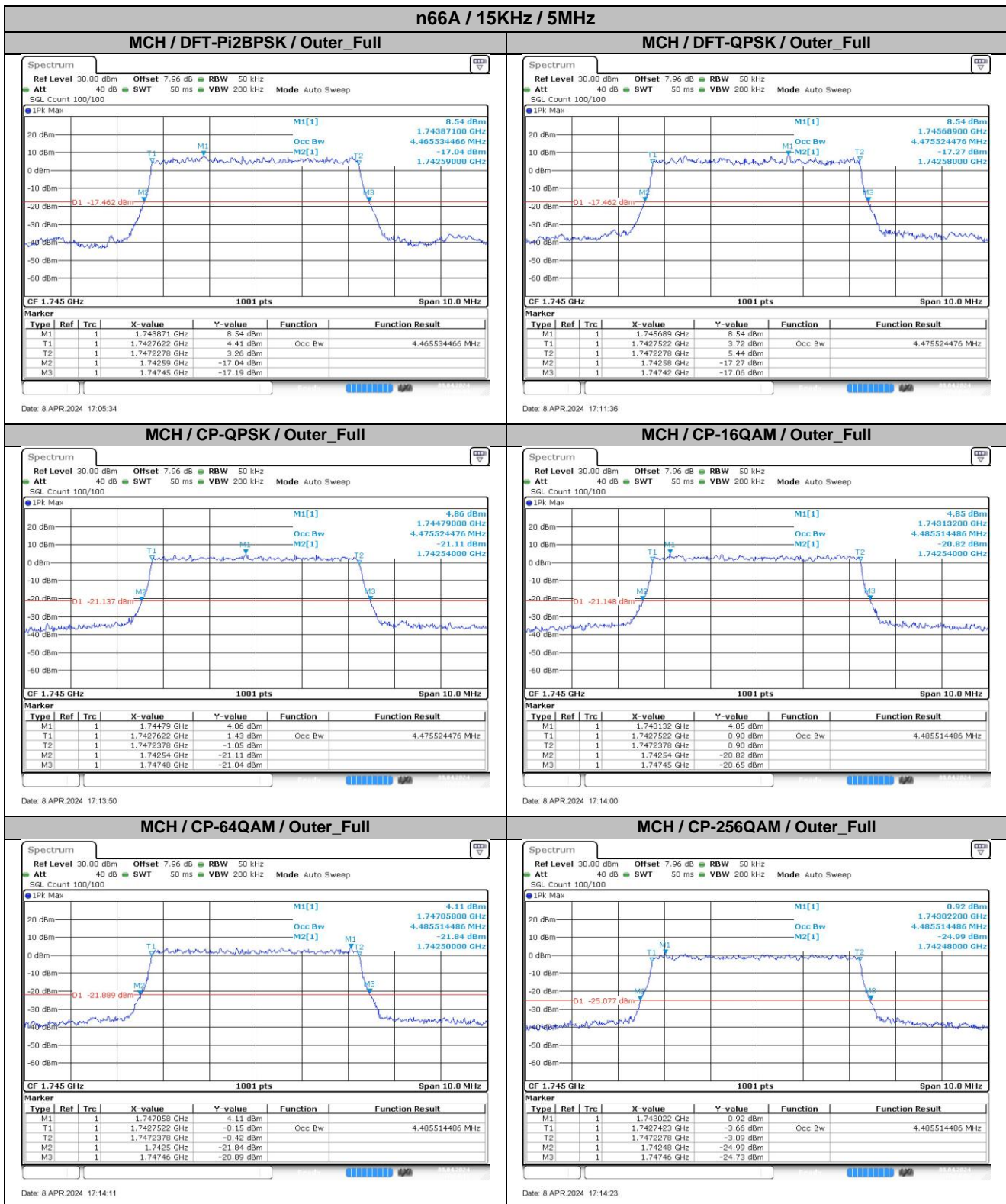


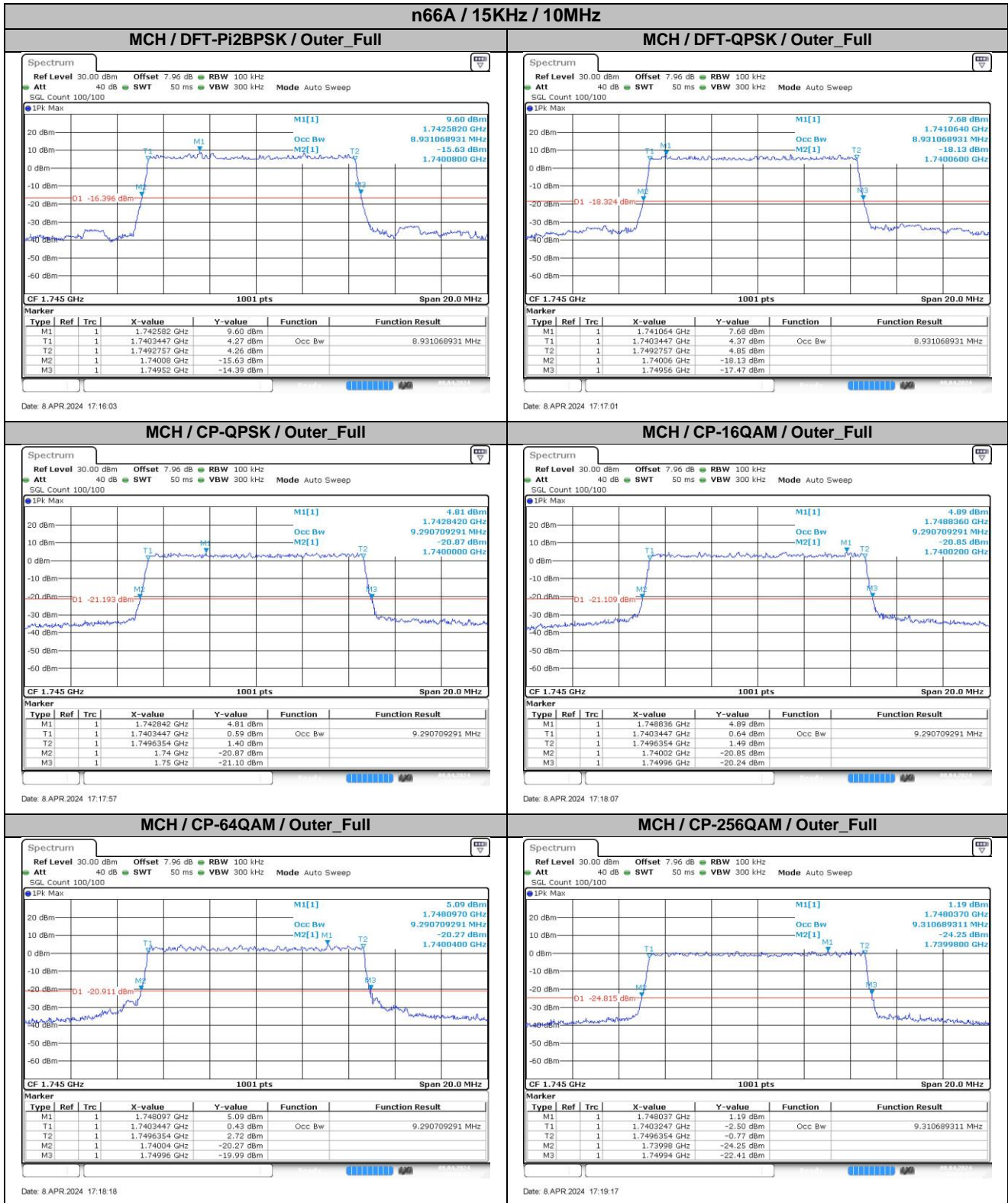
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

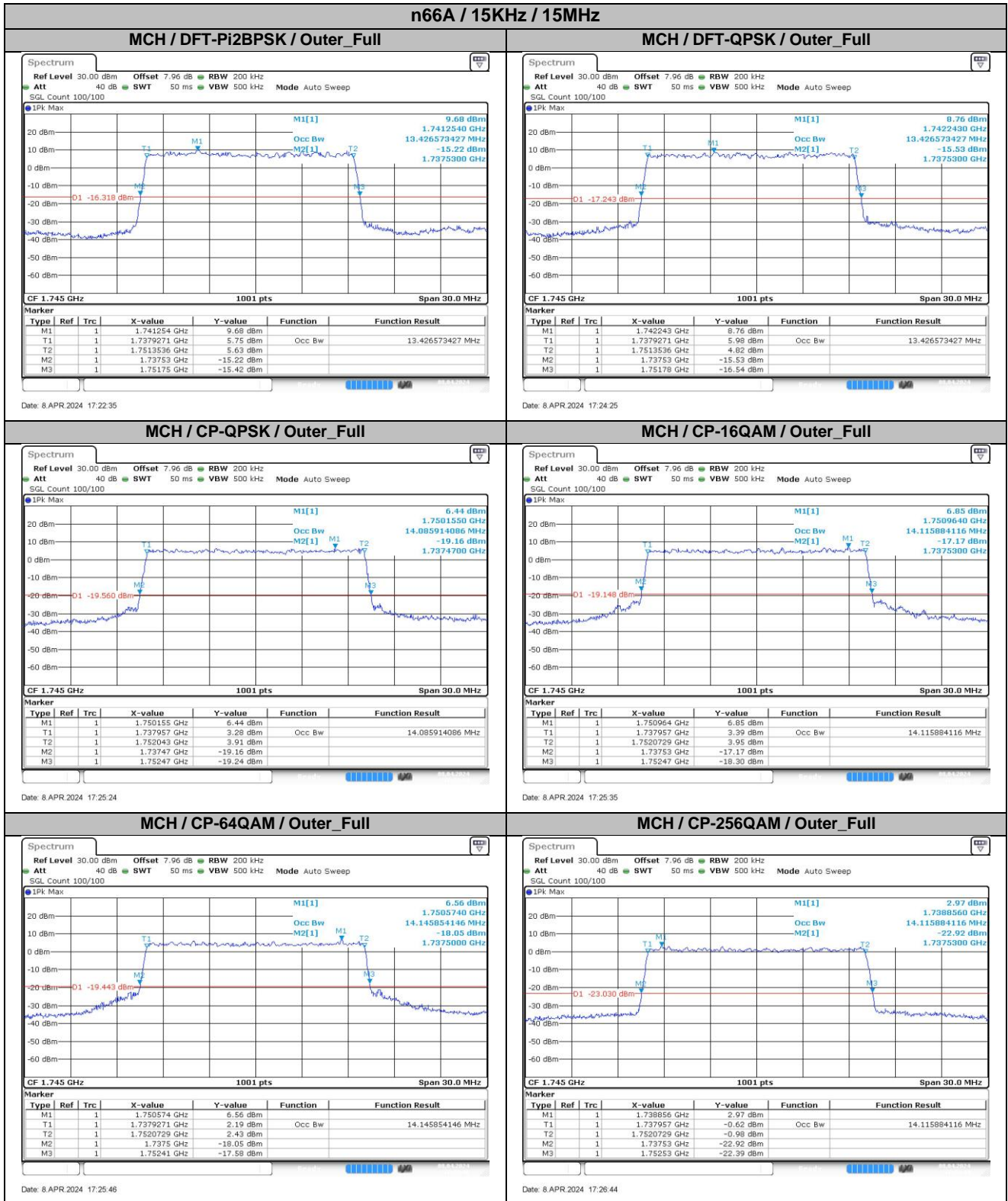
4.1. Test Results

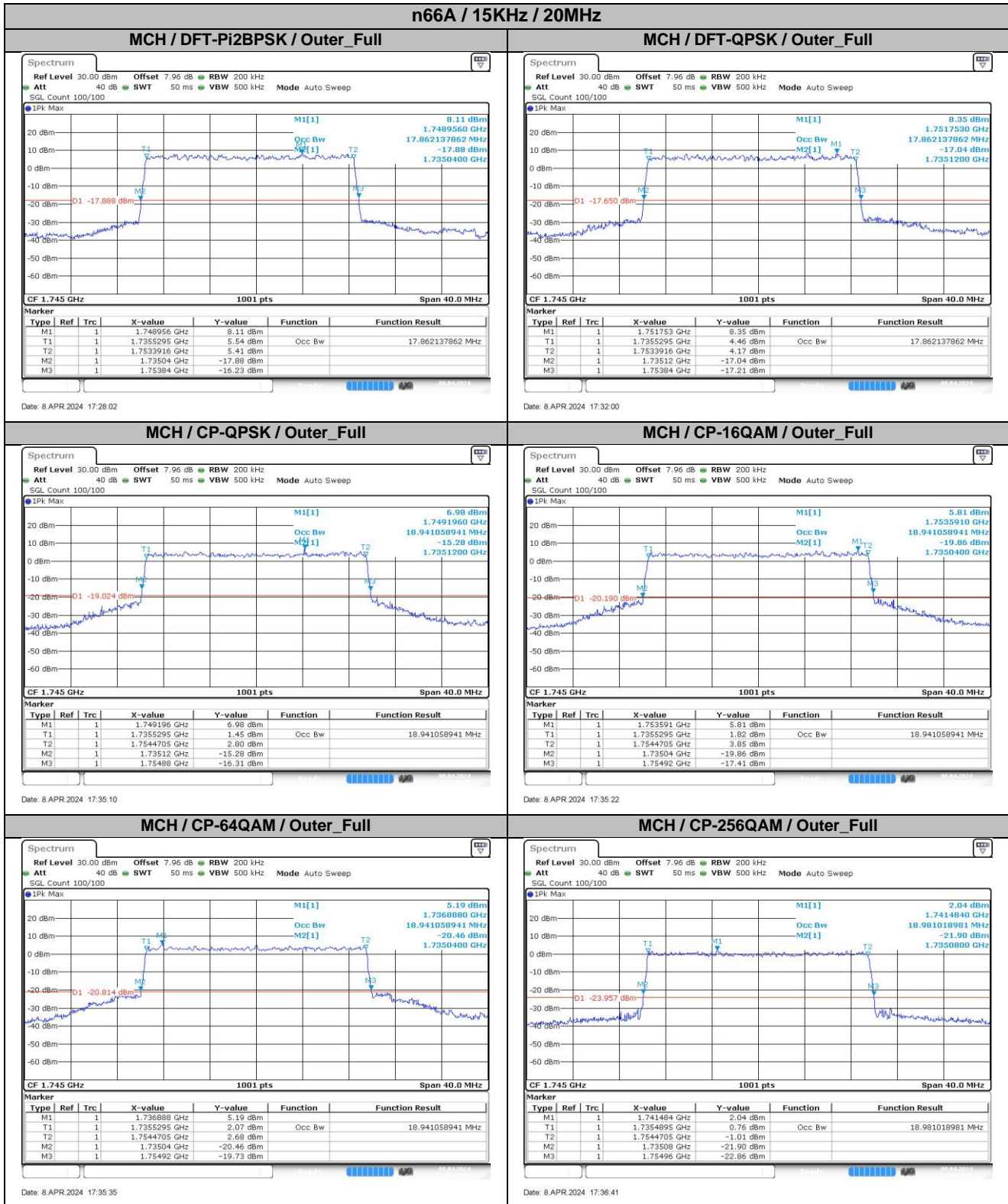
SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.47	4.86	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.48	4.84	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.48	4.94	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.49	4.91	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.49	4.96	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.49	4.98	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.93	9.44	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.93	9.50	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.29	10.00	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.29	9.94	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.29	9.92	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.31	9.96	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.43	14.22	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.43	14.25	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.09	15.00	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.12	14.94	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.15	14.91	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.12	15.00	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.86	18.80	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.86	18.72	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.94	19.76	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.94	19.88	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.94	19.88	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.98	19.88	Pass
15KHz	30MHz	DFT-Pi2BPSK	Outer_Full	28.59	29.70	Pass
15KHz	30MHz	DFT-QPSK	Outer_Full	28.53	29.64	Pass
15KHz	30MHz	CP-QPSK	Outer_Full	28.53	29.64	Pass
15KHz	30MHz	CP-16QAM	Outer_Full	28.59	29.70	Pass
15KHz	30MHz	CP-64QAM	Outer_Full	28.53	32.58	Pass
15KHz	30MHz	CP-256QAM	Outer_Full	28.59	29.76	Pass
15KHz	40MHz	DFT-Pi2BPSK	Outer_Full	38.52	40.08	Pass
15KHz	40MHz	DFT-QPSK	Outer_Full	38.68	40.16	Pass
15KHz	40MHz	CP-QPSK	Outer_Full	38.52	39.68	Pass
15KHz	40MHz	CP-16QAM	Outer_Full	38.52	40.08	Pass
15KHz	40MHz	CP-64QAM	Outer_Full	38.60	40.16	Pass
15KHz	40MHz	CP-256QAM	Outer_Full	38.52	40.16	Pass

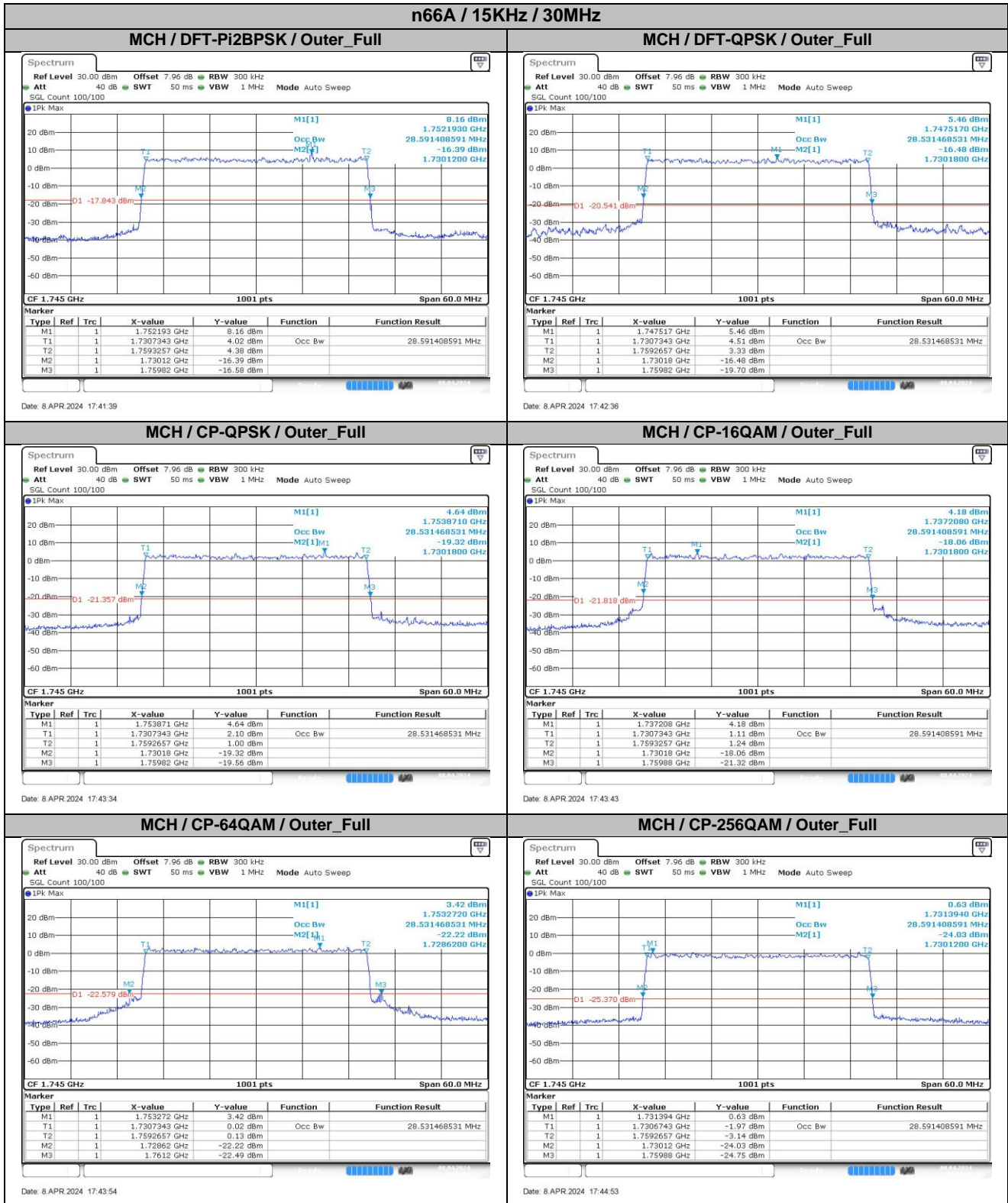
4.2. Test Plots

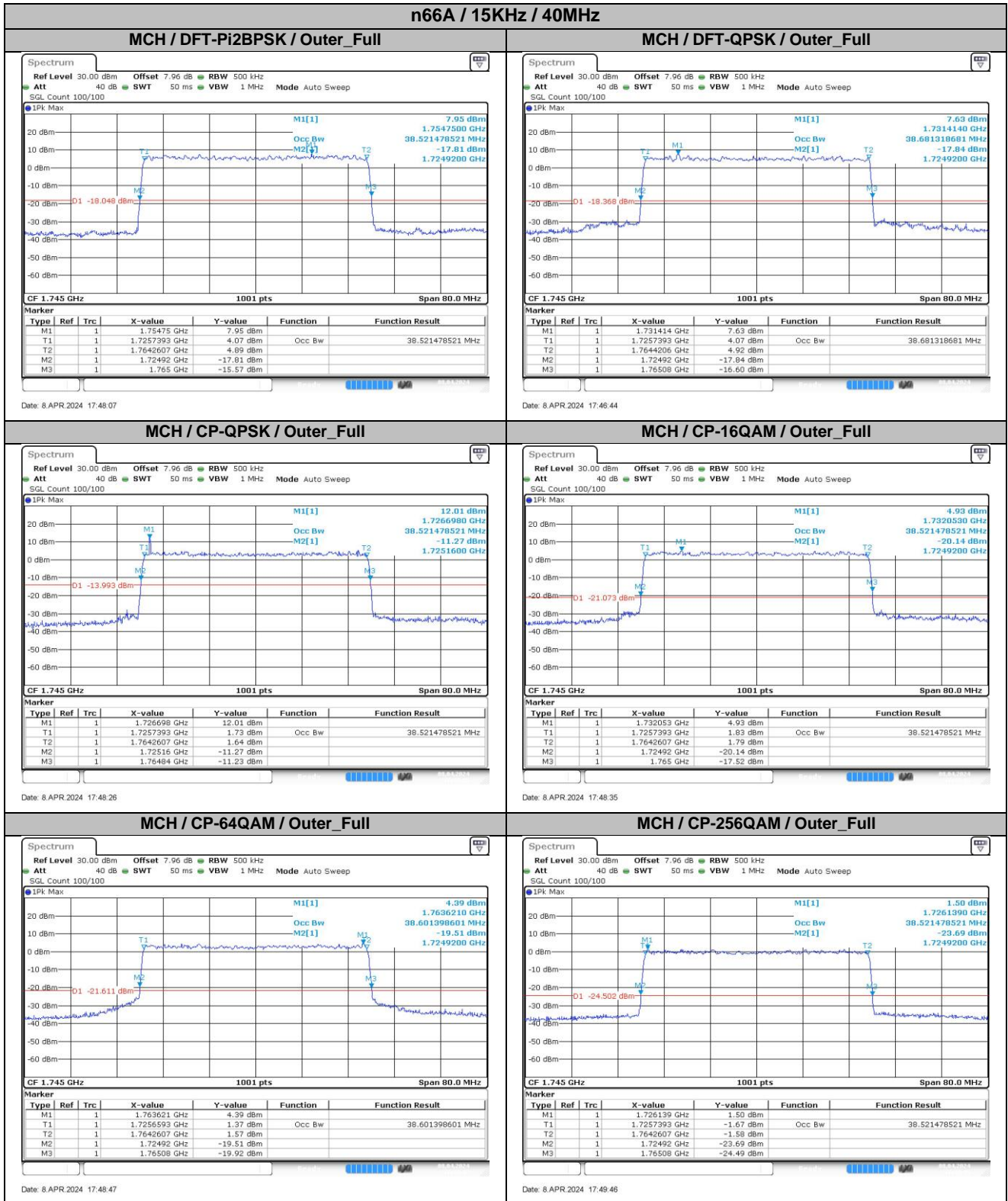












5. Conducted Band Edges

5.1. Test Plots

