

**Appendix
for
DC_2A_n66A
(1710-1780)**

Catalogue

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant1 (Antenna Gain=-1.21dBi)

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	23.72	23.76	23.72	22.55	30.00	Pass
15KHz	5MHz	LCH	DFT-QPSK	23.64	23.64	23.76	22.55	30.00	Pass
15KHz	5MHz	LCH	DFT-16QAM	23.45	23.59	23.68	22.47	30.00	Pass
15KHz	5MHz	LCH	DFT-64QAM	22.29	22.48	22.49	21.28	30.00	Pass
15KHz	5MHz	LCH	DFT-256QAM	19.97	19.92	20.32	19.11	30.00	Pass
15KHz	5MHz	LCH	CP-QPSK	23.17	23.26	23.16	22.05	30.00	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	23.41	23.43	23.41	22.22	30.00	Pass
15KHz	5MHz	MCH	DFT-QPSK	23.36	23.33	23.47	22.26	30.00	Pass
15KHz	5MHz	MCH	DFT-16QAM	23.26	23.24	23.45	22.24	30.00	Pass
15KHz	5MHz	MCH	DFT-64QAM	22.14	22.13	22.15	20.94	30.00	Pass
15KHz	5MHz	MCH	DFT-256QAM	19.77	19.70	19.95	18.74	30.00	Pass
15KHz	5MHz	MCH	CP-QPSK	22.97	23.03	23.04	21.83	30.00	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	23.37	23.38	23.42	22.21	30.00	Pass
15KHz	5MHz	HCH	DFT-QPSK	23.32	23.36	23.43	22.22	30.00	Pass
15KHz	5MHz	HCH	DFT-16QAM	23.26	23.25	23.45	22.24	30.00	Pass
15KHz	5MHz	HCH	DFT-64QAM	22.12	22.15	22.14	20.94	30.00	Pass
15KHz	5MHz	HCH	DFT-256QAM	19.58	19.60	19.94	18.73	30.00	Pass
15KHz	5MHz	HCH	CP-QPSK	22.90	23.00	22.99	21.79	30.00	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	23.91	23.96	23.96	22.75	30.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	23.85	23.82	23.91	22.70	30.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	23.32	23.54	23.93	22.72	30.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	22.26	22.47	22.53	21.32	30.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	20.26	20.16	20.47	19.26	30.00	Pass
15KHz	10MHz	LCH	CP-QPSK	23.23	23.36	23.30	22.15	30.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	23.38	23.40	23.46	22.25	30.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	23.36	23.33	23.44	22.23	30.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	23.25	23.24	23.48	22.27	30.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	22.13	22.10	22.07	20.92	30.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	19.59	19.59	19.97	18.76	30.00	Pass
15KHz	10MHz	MCH	CP-QPSK	22.91	22.95	22.94	21.74	30.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	23.37	23.45	23.43	22.24	30.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	23.34	23.34	23.47	22.26	30.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	22.96	22.98	23.54	22.33	30.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	21.91	21.91	22.05	20.84	30.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	19.57	19.59	19.95	18.74	30.00	Pass
15KHz	10MHz	HCH	CP-QPSK	22.92	22.86	22.96	21.75	30.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	23.85	23.84	23.86	22.65	30.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	23.78	23.72	23.89	22.68	30.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	23.17	23.26	23.92	22.71	30.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	22.28	22.45	22.51	21.30	30.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	20.20	20.10	20.38	19.17	30.00	Pass
15KHz	15MHz	LCH	CP-QPSK	23.09	23.29	23.33	22.12	30.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	23.56	23.60	23.59	22.39	30.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	23.48	23.48	23.57	22.36	30.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	22.93	23.05	23.62	22.41	30.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	21.97	22.09	22.16	20.95	30.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	19.75	19.80	20.09	18.88	30.00	Pass
15KHz	15MHz	MCH	CP-QPSK	23.02	23.17	23.12	21.96	30.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	23.53	23.56	23.60	22.39	30.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	23.45	23.50	23.62	22.41	30.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	22.63	23.21	23.57	22.36	30.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	21.60	22.14	22.19	20.98	30.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	19.77	19.73	20.05	18.84	30.00	Pass
15KHz	15MHz	HCH	CP-QPSK	22.74	23.26	23.15	22.05	30.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	23.92	23.70	23.87	22.71	30.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	23.82	23.59	23.91	22.70	30.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	23.07	22.24	23.92	22.71	30.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	22.04	21.21	22.53	21.32	30.00	Pass

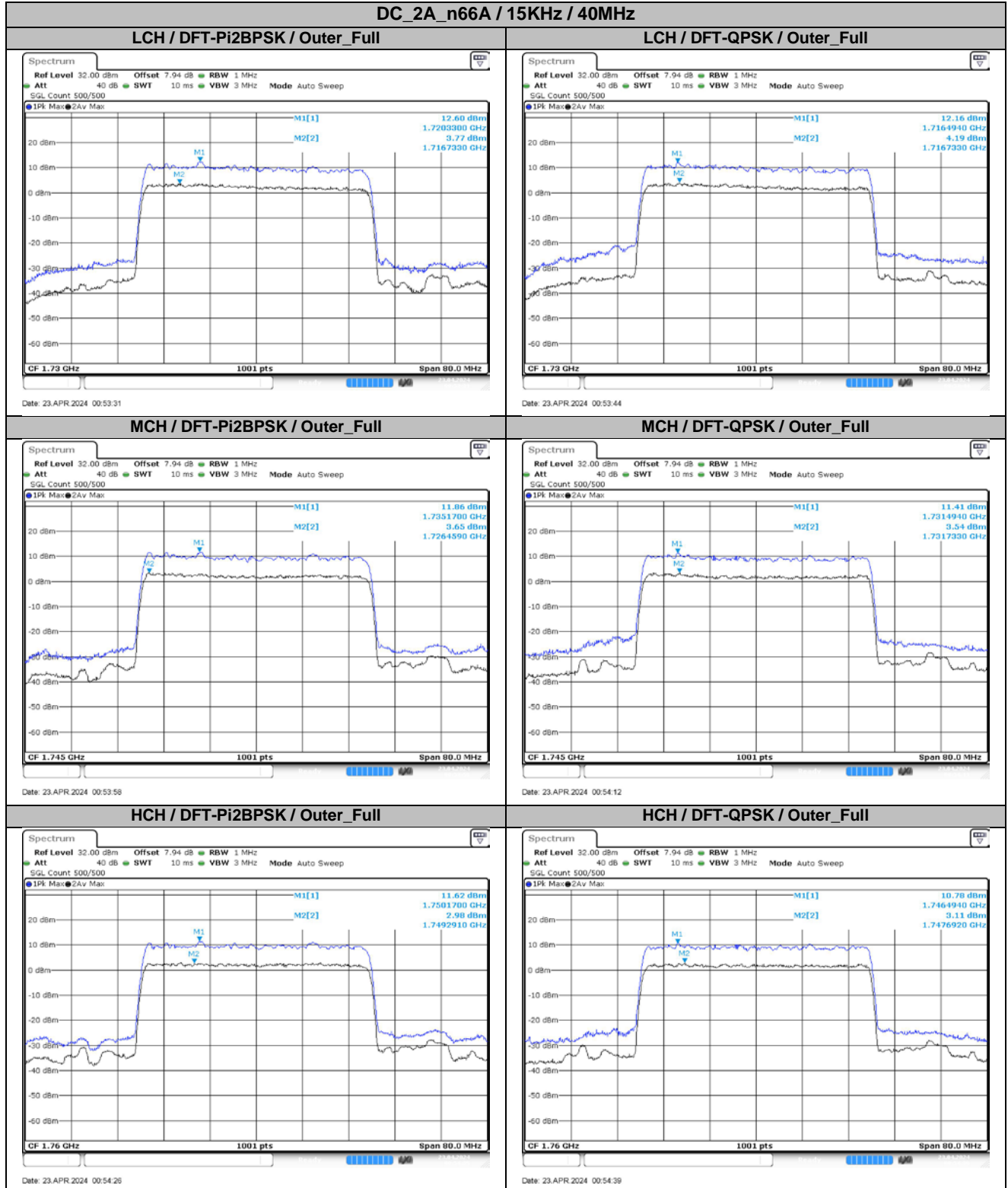
15KHz	20MHz	LCH	DFT-256QAM	20.25	19.72	20.41	19.20	30.00	Pass
15KHz	20MHz	LCH	CP-QPSK	23.05	22.28	23.20	21.99	30.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.55	23.57	23.61	22.40	30.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	23.50	23.46	23.56	22.35	30.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	22.72	22.73	23.49	22.28	30.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	21.87	21.90	22.17	20.96	30.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	19.84	19.85	20.09	18.88	30.00	Pass
15KHz	20MHz	MCH	CP-QPSK	22.80	22.77	23.02	21.81	30.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	23.50	23.56	23.59	22.38	30.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	23.46	23.45	23.60	22.39	30.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	22.33	23.23	23.37	22.16	30.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	21.26	22.10	22.14	20.93	30.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	19.72	19.75	20.08	18.87	30.00	Pass
15KHz	20MHz	HCH	CP-QPSK	22.48	23.11	22.88	21.90	30.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	23.91	23.74	23.87	22.70	30.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	23.85	23.66	23.90	22.69	30.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	23.66	23.01	23.83	22.62	30.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	22.53	22.07	22.51	21.32	30.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	20.31	20.00	20.41	19.20	30.00	Pass
15KHz	30MHz	LCH	CP-QPSK	23.44	23.05	23.47	22.26	30.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	23.56	23.60	23.73	22.52	30.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	23.51	23.56	23.71	22.50	30.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	23.24	23.00	23.28	22.07	30.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	22.15	22.02	22.06	20.94	30.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	20.00	19.93	20.23	19.02	30.00	Pass
15KHz	30MHz	MCH	CP-QPSK	23.12	23.04	22.86	21.91	30.00	Pass
15KHz	30MHz	HCH	DFT-Pi2BPSK	23.59	23.64	23.69	22.48	30.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	23.53	23.58	23.68	22.47	30.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	22.96	22.82	23.42	22.21	30.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	22.02	21.95	22.24	21.03	30.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	19.95	19.92	20.23	19.02	30.00	Pass
15KHz	30MHz	HCH	CP-QPSK	23.08	22.94	23.00	21.87	30.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	23.91	23.73	23.81	22.70	30.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	23.84	23.63	23.87	22.66	30.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	23.85	23.13	23.88	22.67	30.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	22.69	22.08	22.47	21.48	30.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	20.46	20.18	20.39	19.25	30.00	Pass
15KHz	40MHz	LCH	CP-QPSK	23.48	23.02	23.46	22.27	30.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	23.60	23.62	23.75	22.54	30.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	23.57	23.52	23.76	22.55	30.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	23.27	23.00	23.34	22.13	30.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	22.22	22.05	22.07	21.01	30.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	20.10	20.02	20.30	19.09	30.00	Pass
15KHz	40MHz	MCH	CP-QPSK	23.17	23.15	22.87	21.96	30.00	Pass
15KHz	40MHz	HCH	DFT-Pi2BPSK	23.55	23.59	23.77	22.56	30.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	23.51	23.55	23.76	22.55	30.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	23.12	22.95	23.37	22.16	30.00	Pass
15KHz	40MHz	HCH	DFT-64QAM	22.04	22.01	22.13	20.92	30.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	20.00	19.94	20.28	19.07	30.00	Pass
15KHz	40MHz	HCH	CP-QPSK	22.93	22.90	22.89	21.72	30.00	Pass

2. Peak-to-Average Ratio

2.1. Test Results

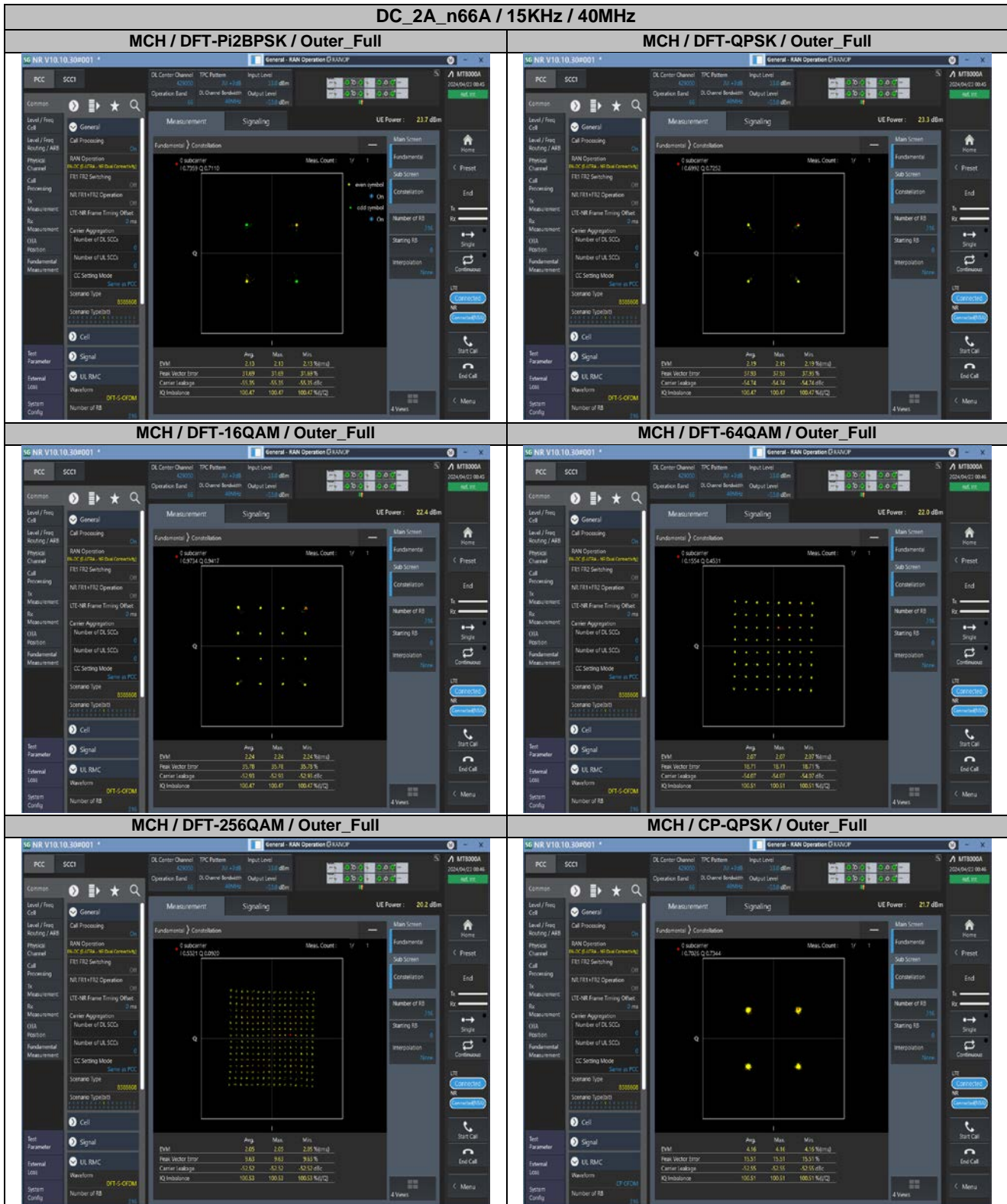
SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	40MHz	LCH	Outer_Full	8.82	7.97	13.00	Pass
15KHz	40MHz	MCH	Outer_Full	8.21	7.87	13.00	Pass
15KHz	40MHz	HCH	Outer_Full	8.64	7.68	13.00	Pass

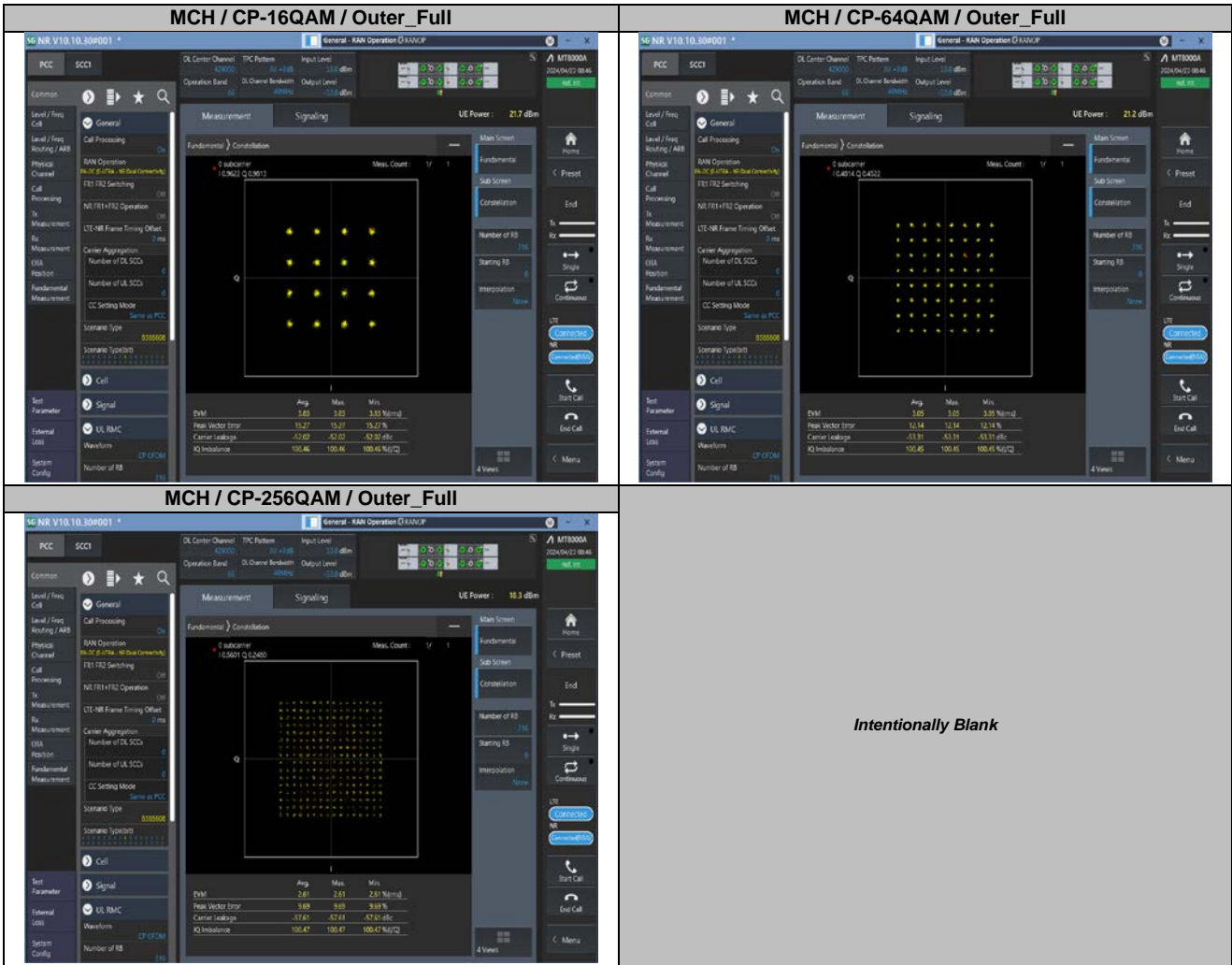
2.2. Test Plots



3. Modulation Characteristics

3.1. Test Plots



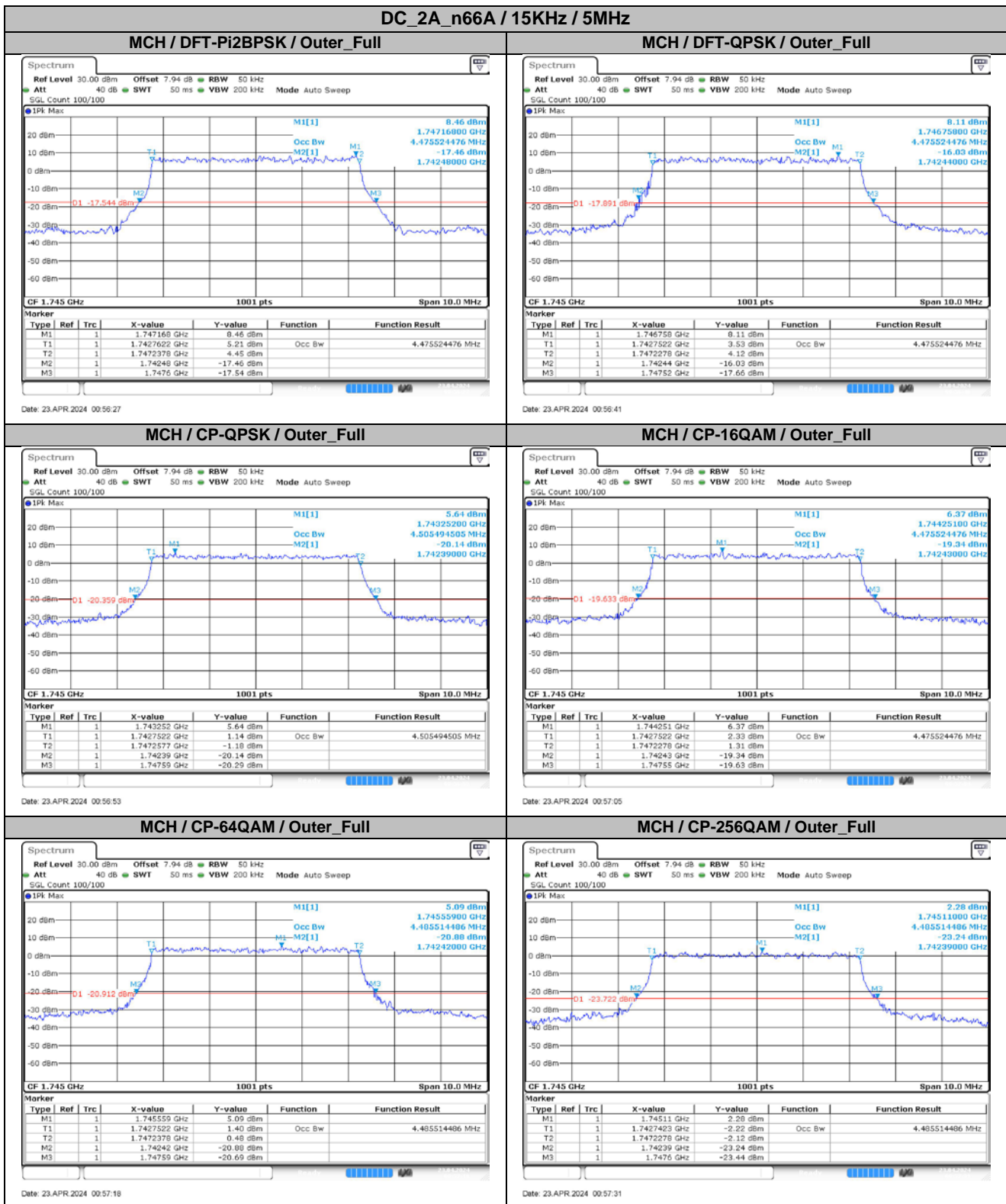


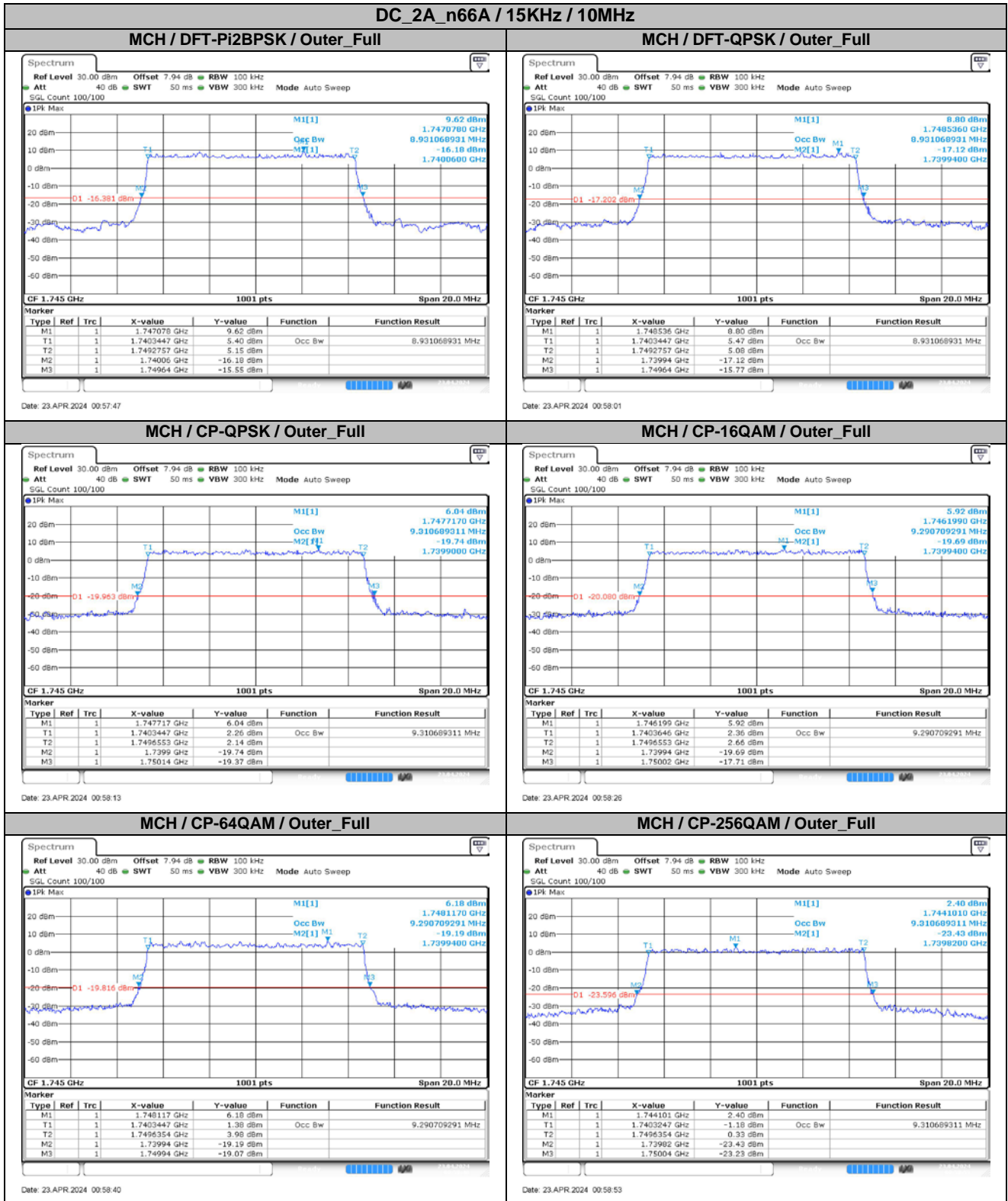
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

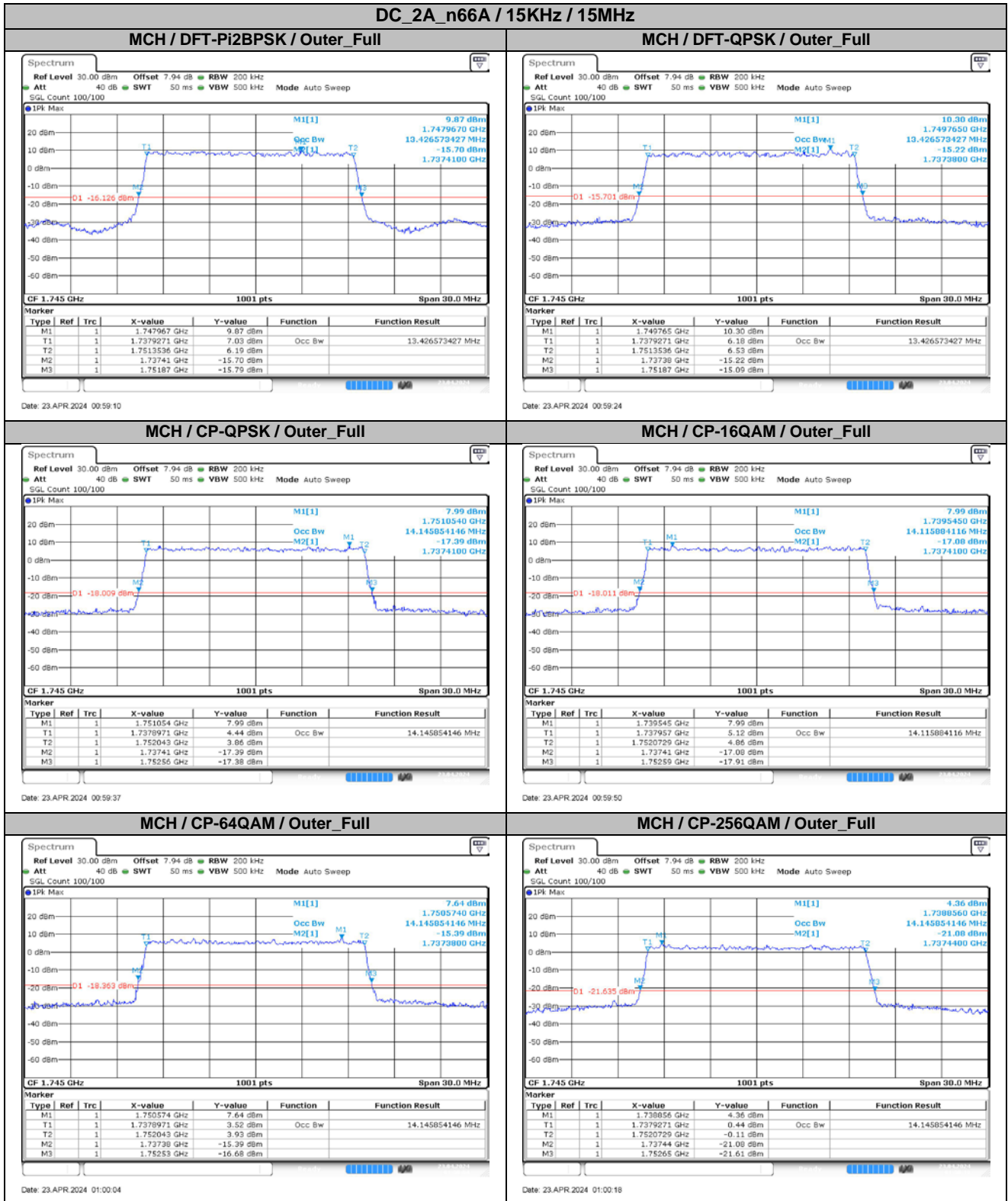
4.1. Test Results

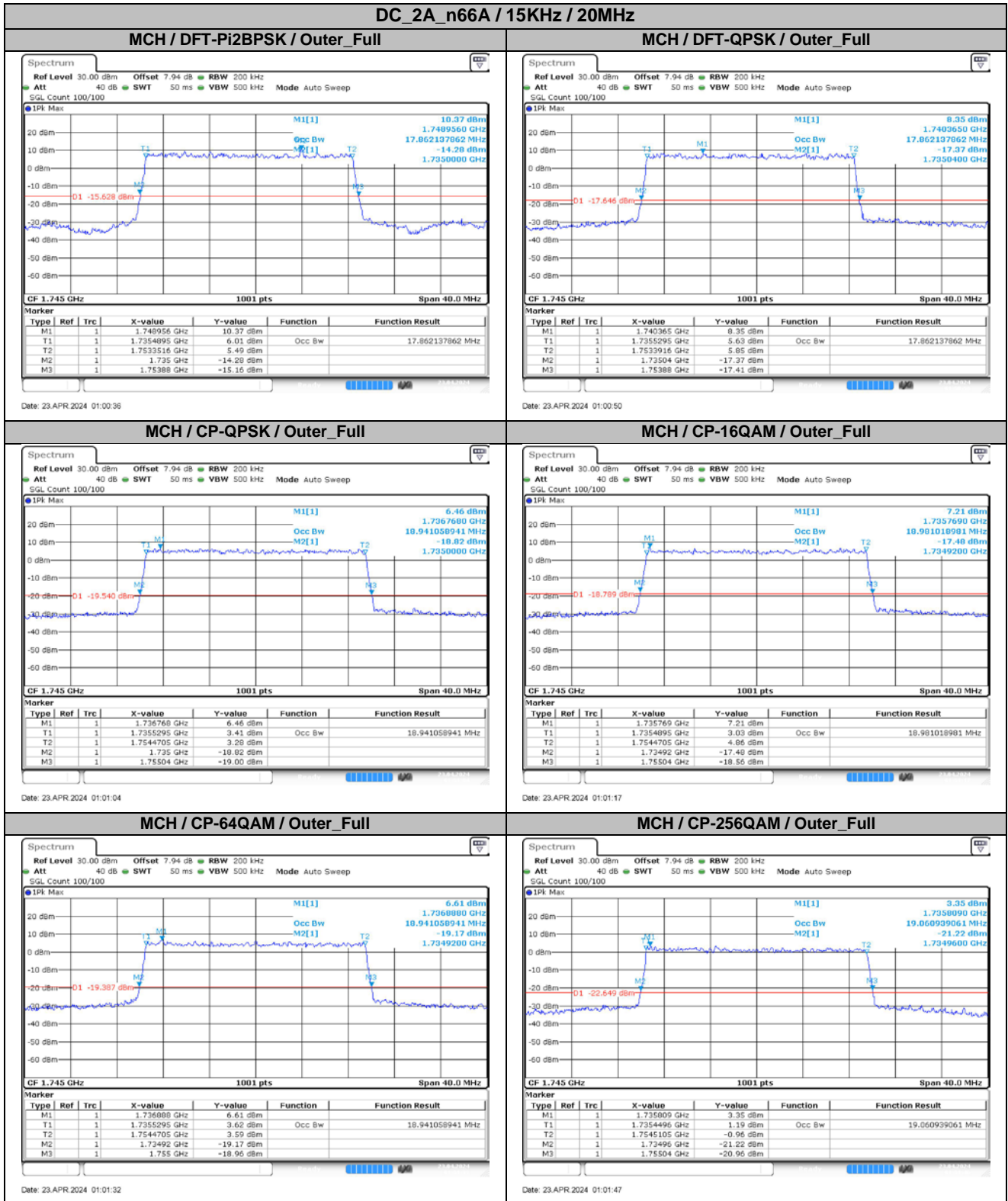
SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.48	5.12	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.48	5.08	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.51	5.20	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.48	5.12	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.49	5.17	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.49	5.21	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.93	9.58	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.93	9.70	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.31	10.24	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.29	10.08	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.29	10.00	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.31	10.22	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.43	14.46	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.43	14.49	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.15	15.15	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.12	15.18	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.15	15.15	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.15	15.21	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.86	18.88	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.86	18.84	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.94	20.04	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.98	20.12	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.94	20.08	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	19.06	20.08	Pass
15KHz	30MHz	DFT-Pi2BPSK	Outer_Full	28.59	29.82	Pass
15KHz	30MHz	DFT-QPSK	Outer_Full	28.59	29.76	Pass
15KHz	30MHz	CP-QPSK	Outer_Full	28.59	29.94	Pass
15KHz	30MHz	CP-16QAM	Outer_Full	28.59	29.76	Pass
15KHz	30MHz	CP-64QAM	Outer_Full	28.53	29.94	Pass
15KHz	30MHz	CP-256QAM	Outer_Full	28.59	29.88	Pass
15KHz	40MHz	DFT-Pi2BPSK	Outer_Full	38.60	40.16	Pass
15KHz	40MHz	DFT-QPSK	Outer_Full	38.76	40.16	Pass
15KHz	40MHz	CP-QPSK	Outer_Full	38.60	40.24	Pass
15KHz	40MHz	CP-16QAM	Outer_Full	38.60	40.24	Pass
15KHz	40MHz	CP-64QAM	Outer_Full	38.60	40.40	Pass
15KHz	40MHz	CP-256QAM	Outer_Full	38.60	40.24	Pass

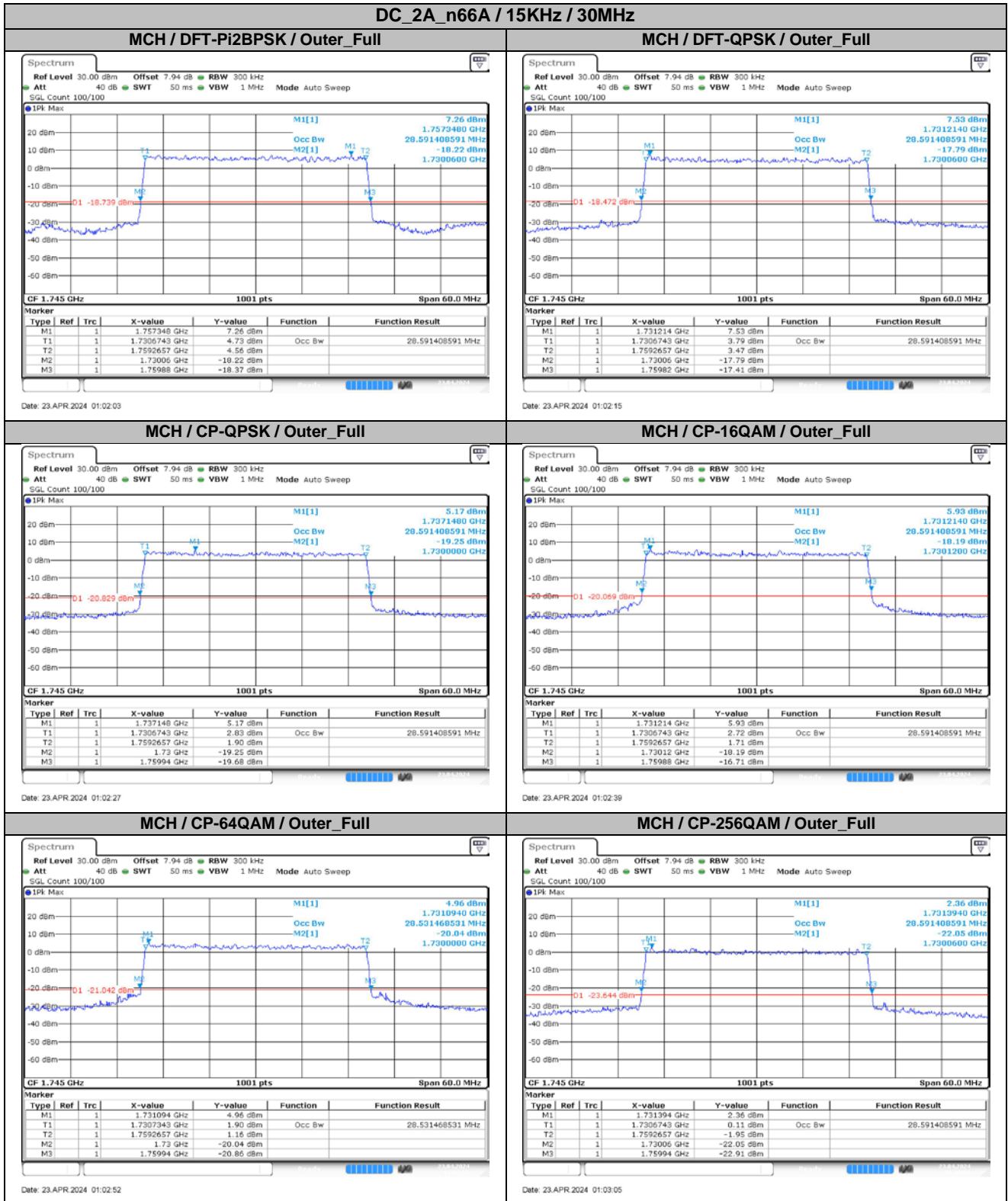
4.2. Test Plots

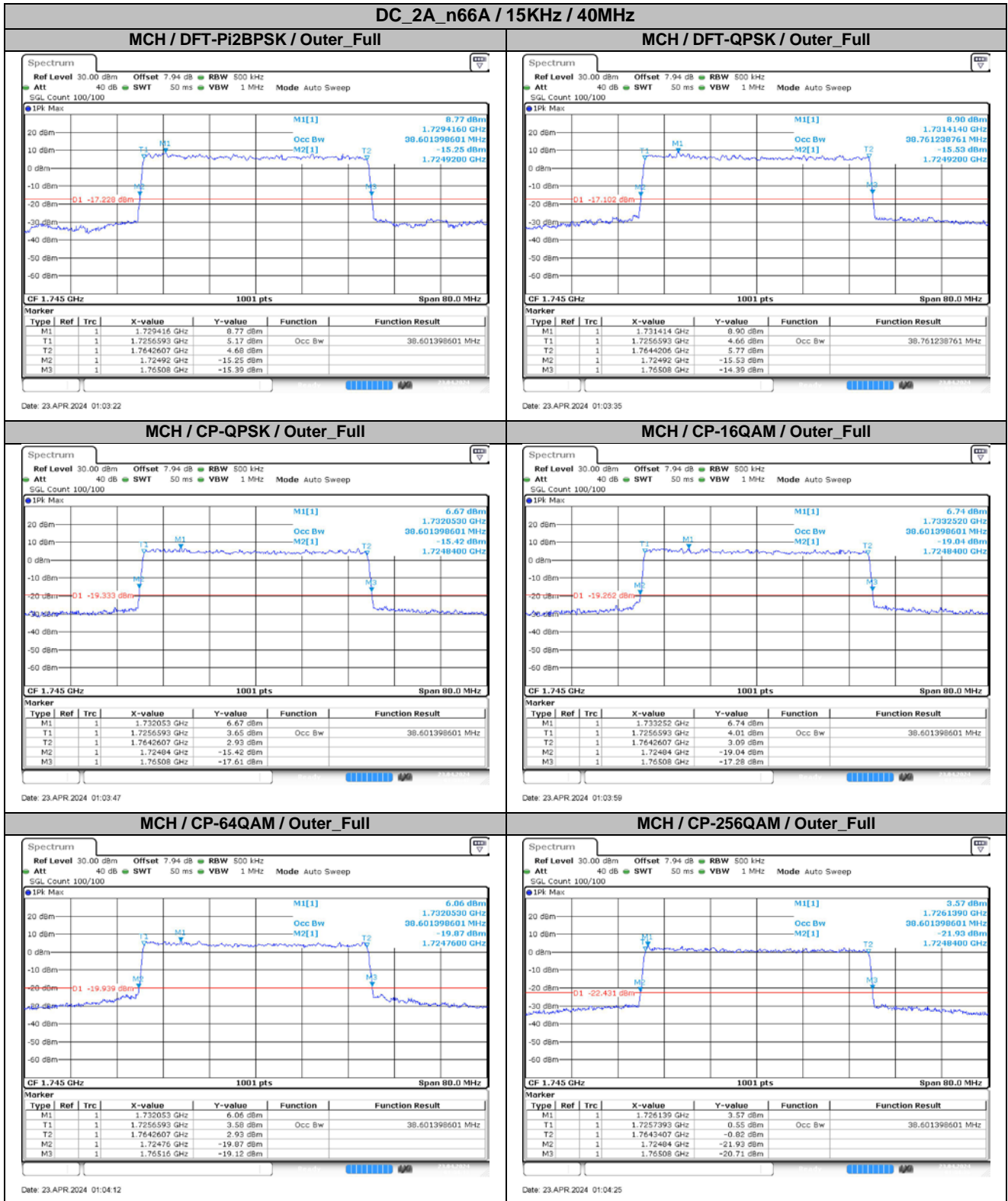












5. Conducted Band Edges

5.1. Test Plots

