

**Appendix
for
DC_7A_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	23.78	23.77	23.80	22.59	30.00	Pass
15KHz	5MHz	LCH	DFT-QPSK	23.67	23.66	23.82	22.61	30.00	Pass
15KHz	5MHz	LCH	DFT-16QAM	23.50	23.45	23.85	22.64	30.00	Pass
15KHz	5MHz	LCH	DFT-64QAM	22.39	22.35	22.53	21.32	30.00	Pass
15KHz	5MHz	LCH	DFT-256QAM	19.98	19.98	20.37	19.16	30.00	Pass
15KHz	5MHz	LCH	CP-QPSK	23.27	23.34	23.27	22.13	30.00	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	23.44	23.48	23.49	22.28	30.00	Pass
15KHz	5MHz	MCH	DFT-QPSK	23.43	23.37	23.48	22.27	30.00	Pass
15KHz	5MHz	MCH	DFT-16QAM	23.34	23.34	23.58	22.37	30.00	Pass
15KHz	5MHz	MCH	DFT-64QAM	21.86	21.89	22.24	21.03	30.00	Pass
15KHz	5MHz	MCH	DFT-256QAM	19.72	19.73	20.02	18.81	30.00	Pass
15KHz	5MHz	MCH	CP-QPSK	22.98	23.11	23.10	21.90	30.00	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	23.57	23.55	23.60	22.39	30.00	Pass
15KHz	5MHz	HCH	DFT-QPSK	23.47	23.45	23.62	22.41	30.00	Pass
15KHz	5MHz	HCH	DFT-16QAM	23.13	23.15	23.64	22.43	30.00	Pass
15KHz	5MHz	HCH	DFT-64QAM	22.09	22.15	22.28	21.07	30.00	Pass
15KHz	5MHz	HCH	DFT-256QAM	19.78	19.75	20.08	18.87	30.00	Pass
15KHz	5MHz	HCH	CP-QPSK	23.11	23.19	23.19	21.98	30.00	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	23.75	23.80	23.86	22.65	30.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	23.67	23.65	23.82	22.61	30.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	23.41	23.34	23.97	22.76	30.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	22.41	22.33	22.43	21.22	30.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	20.09	20.03	20.39	19.18	30.00	Pass
15KHz	10MHz	LCH	CP-QPSK	23.27	23.29	23.34	22.13	30.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	23.43	23.43	23.52	22.31	30.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	23.36	23.35	23.51	22.30	30.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	23.32	23.31	23.52	22.31	30.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	22.23	22.20	22.10	21.02	30.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	19.68	19.64	20.06	18.85	30.00	Pass
15KHz	10MHz	MCH	CP-QPSK	22.97	22.97	23.05	21.84	30.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	23.38	23.54	23.60	22.39	30.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	23.32	23.42	23.61	22.40	30.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	23.42	23.53	23.62	22.41	30.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	21.77	21.89	22.18	20.97	30.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	19.80	19.89	20.14	18.93	30.00	Pass
15KHz	10MHz	HCH	CP-QPSK	22.96	23.07	23.12	21.91	30.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	23.89	23.78	23.90	22.69	30.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	23.84	23.66	23.91	22.70	30.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	23.56	23.38	23.85	22.64	30.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	22.48	22.27	22.56	21.35	30.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	20.09	19.96	20.43	19.22	30.00	Pass
15KHz	15MHz	LCH	CP-QPSK	23.40	23.44	23.38	22.23	30.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	23.54	23.58	23.59	22.38	30.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	23.49	23.51	23.64	22.43	30.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	23.44	23.46	23.68	22.47	30.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	22.30	22.34	22.24	21.13	30.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	19.92	19.94	20.15	18.94	30.00	Pass
15KHz	15MHz	MCH	CP-QPSK	23.06	23.28	23.19	22.07	30.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	23.50	23.58	23.62	22.41	30.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	23.45	23.54	23.63	22.42	30.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	23.55	23.65	23.67	22.46	30.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	21.96	21.98	22.24	21.03	30.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	19.74	19.81	20.15	18.94	30.00	Pass
15KHz	15MHz	HCH	CP-QPSK	23.08	23.26	23.25	22.05	30.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	23.92	23.76	23.83	22.71	30.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	23.83	23.65	23.85	22.64	30.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	23.62	23.21	23.88	22.67	30.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	22.51	22.13	22.46	21.30	30.00	Pass

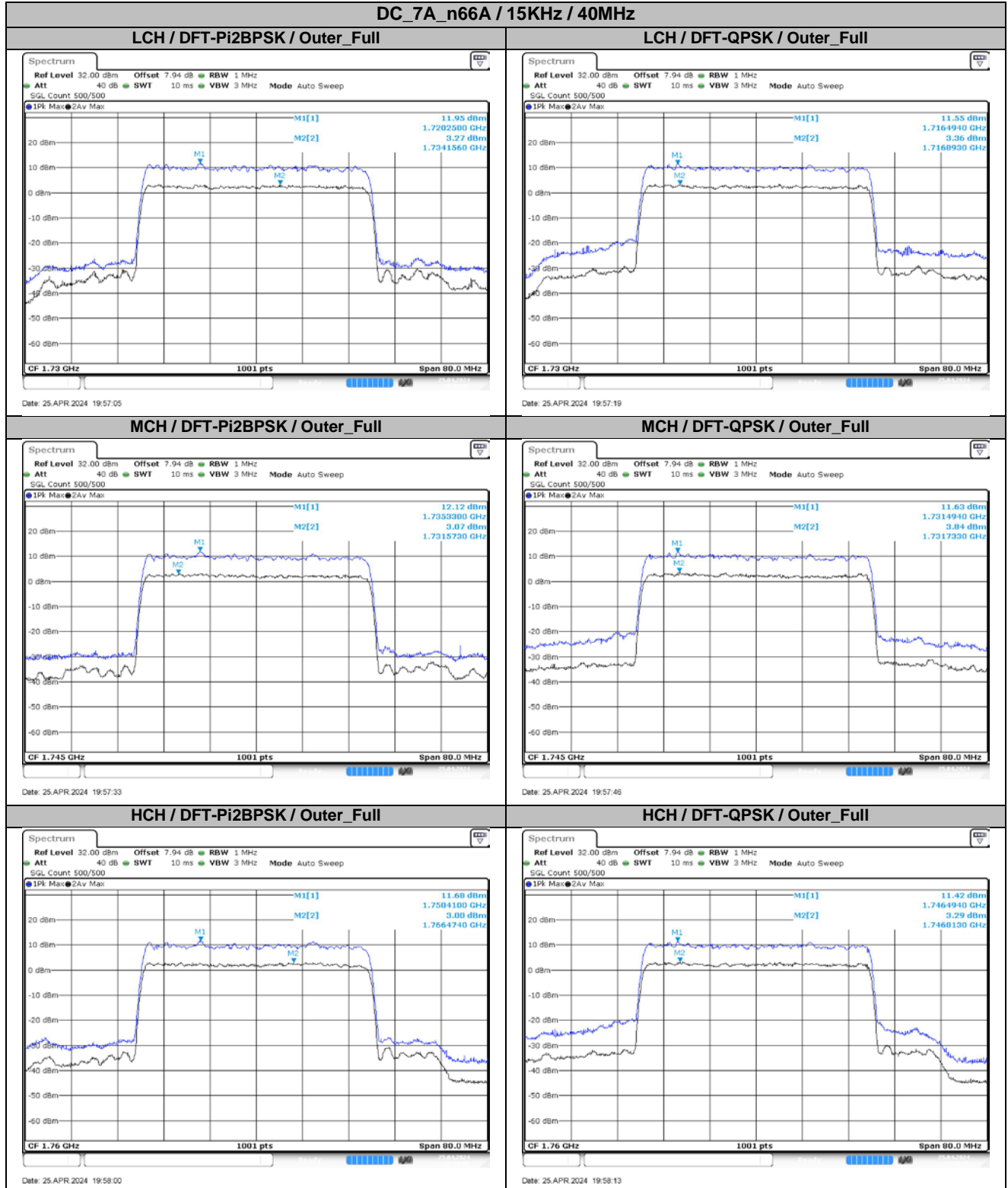
15KHz	20MHz	LCH	DFT-256QAM	20.17	19.90	20.37	19.16	30.00	Pass
15KHz	20MHz	LCH	CP-QPSK	23.40	23.09	23.47	22.26	30.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.53	23.59	23.61	22.40	30.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	23.46	23.48	23.63	22.42	30.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	23.62	23.53	23.68	22.47	30.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	21.94	21.96	22.27	21.06	30.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	19.82	19.82	20.15	18.94	30.00	Pass
15KHz	20MHz	MCH	CP-QPSK	23.09	23.15	23.19	21.98	30.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	23.50	23.54	23.61	22.40	30.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	23.46	23.50	23.62	22.41	30.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	23.52	23.58	23.69	22.48	30.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	21.91	21.97	22.27	21.06	30.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	19.79	19.85	20.16	18.95	30.00	Pass
15KHz	20MHz	HCH	CP-QPSK	23.08	23.15	23.23	22.02	30.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	23.94	23.76	23.88	22.73	30.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	23.87	23.61	23.92	22.71	30.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	23.88	23.61	23.88	22.67	30.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	22.34	22.13	22.52	21.31	30.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	20.40	20.03	20.44	19.23	30.00	Pass
15KHz	30MHz	LCH	CP-QPSK	23.42	23.34	23.48	22.27	30.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	23.58	23.63	23.71	22.50	30.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	23.51	23.55	23.74	22.53	30.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	23.25	23.25	23.72	22.51	30.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	22.36	22.37	22.36	21.16	30.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	20.10	20.01	20.26	19.05	30.00	Pass
15KHz	30MHz	MCH	CP-QPSK	23.16	23.28	23.30	22.09	30.00	Pass
15KHz	30MHz	HCH	DFT-Pi2BPSK	23.53	23.63	23.68	22.47	30.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	23.48	23.57	23.69	22.48	30.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	23.21	23.24	23.67	22.46	30.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	22.32	22.41	22.33	21.20	30.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	20.06	20.04	20.22	19.01	30.00	Pass
15KHz	30MHz	HCH	CP-QPSK	23.10	23.22	23.29	22.08	30.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	23.85	23.76	23.85	22.64	30.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	23.86	23.60	23.89	22.68	30.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	23.83	23.58	23.87	22.66	30.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	22.71	22.46	22.46	21.50	30.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	20.41	20.09	20.43	19.22	30.00	Pass
15KHz	40MHz	LCH	CP-QPSK	23.44	23.36	23.49	22.28	30.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	23.62	23.62	23.72	22.51	30.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	23.55	23.52	23.75	22.54	30.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	23.51	23.48	23.76	22.55	30.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	22.39	22.32	22.33	21.18	30.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	20.09	19.97	20.30	19.09	30.00	Pass
15KHz	40MHz	MCH	CP-QPSK	23.13	23.24	23.36	22.15	30.00	Pass
15KHz	40MHz	HCH	DFT-Pi2BPSK	23.52	23.59	23.71	22.50	30.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	23.47	23.53	23.73	22.52	30.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	23.43	23.47	23.73	22.52	30.00	Pass
15KHz	40MHz	HCH	DFT-64QAM	21.90	21.96	22.30	21.09	30.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	20.12	20.12	20.31	19.10	30.00	Pass
15KHz	40MHz	HCH	CP-QPSK	23.06	23.27	23.29	22.08	30.00	Pass

2. Peak-to-Average Ratio

2.1. Test Results

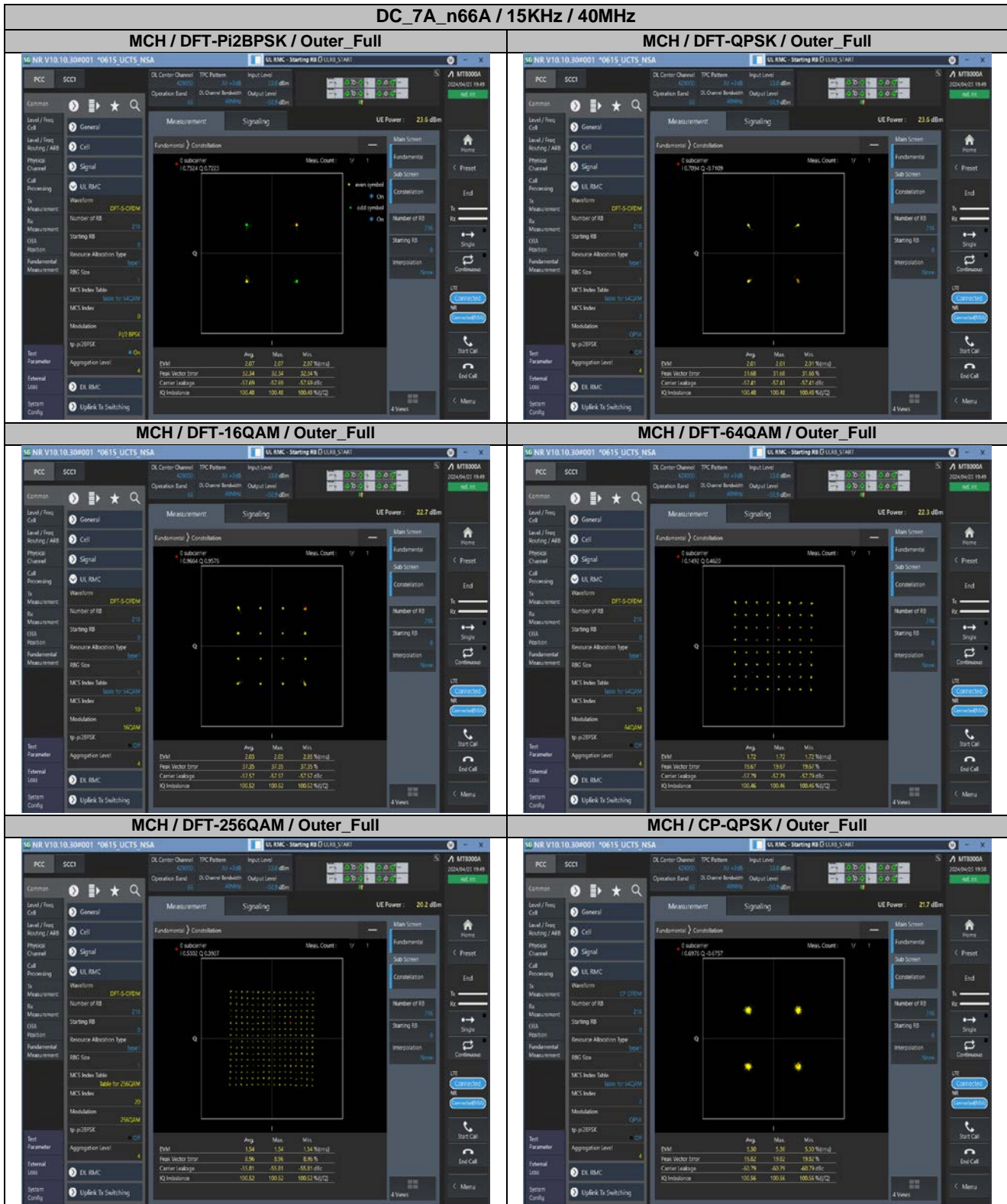
SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	40MHz	LCH	Outer_Full	8.68	8.18	13.00	Pass
15KHz	40MHz	MCH	Outer_Full	9.05	7.79	13.00	Pass
15KHz	40MHz	HCH	Outer_Full	8.69	8.12	13.00	Pass

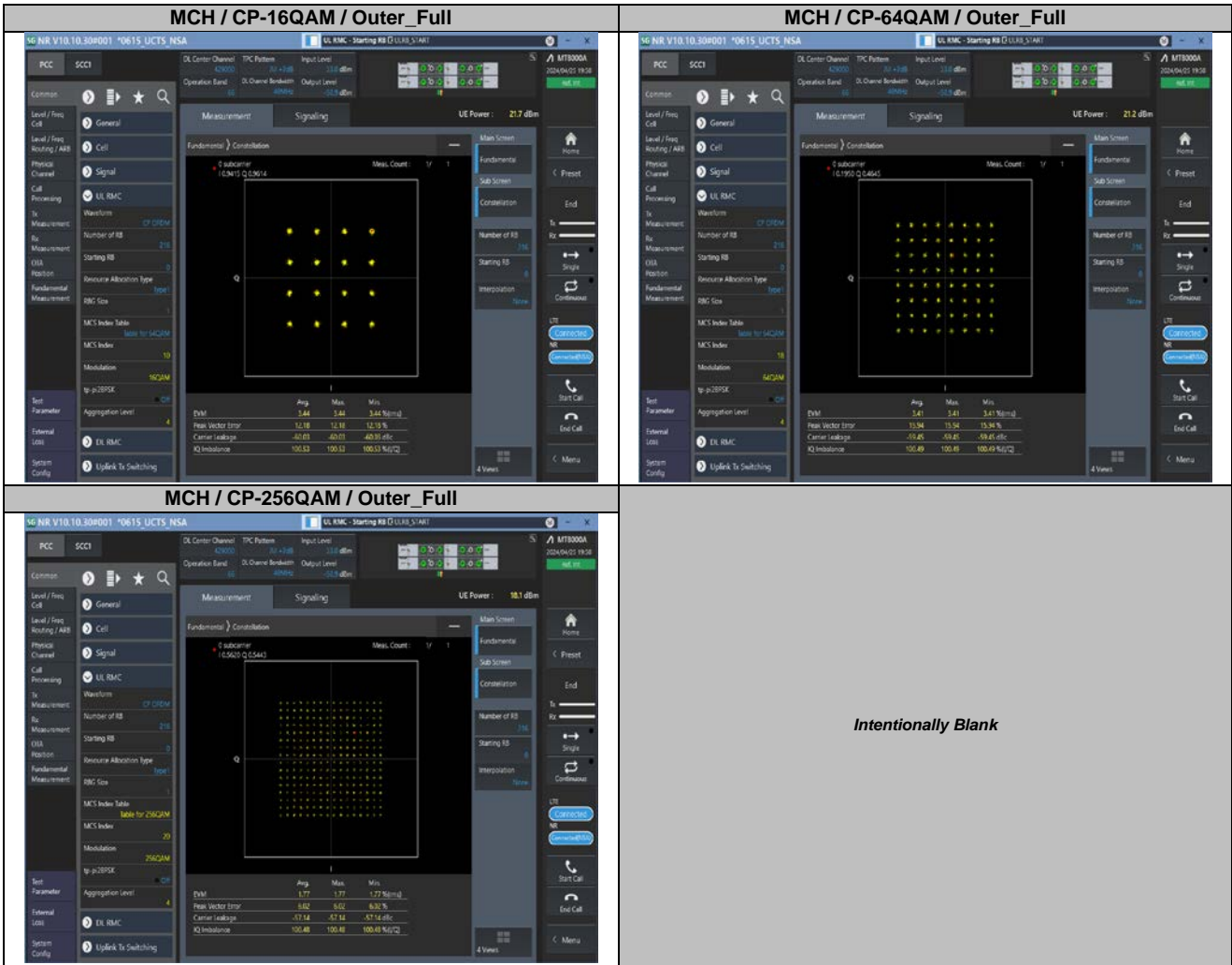
2.2. Test Plots



3. Modulation Characteristics

3.1. Test Plots



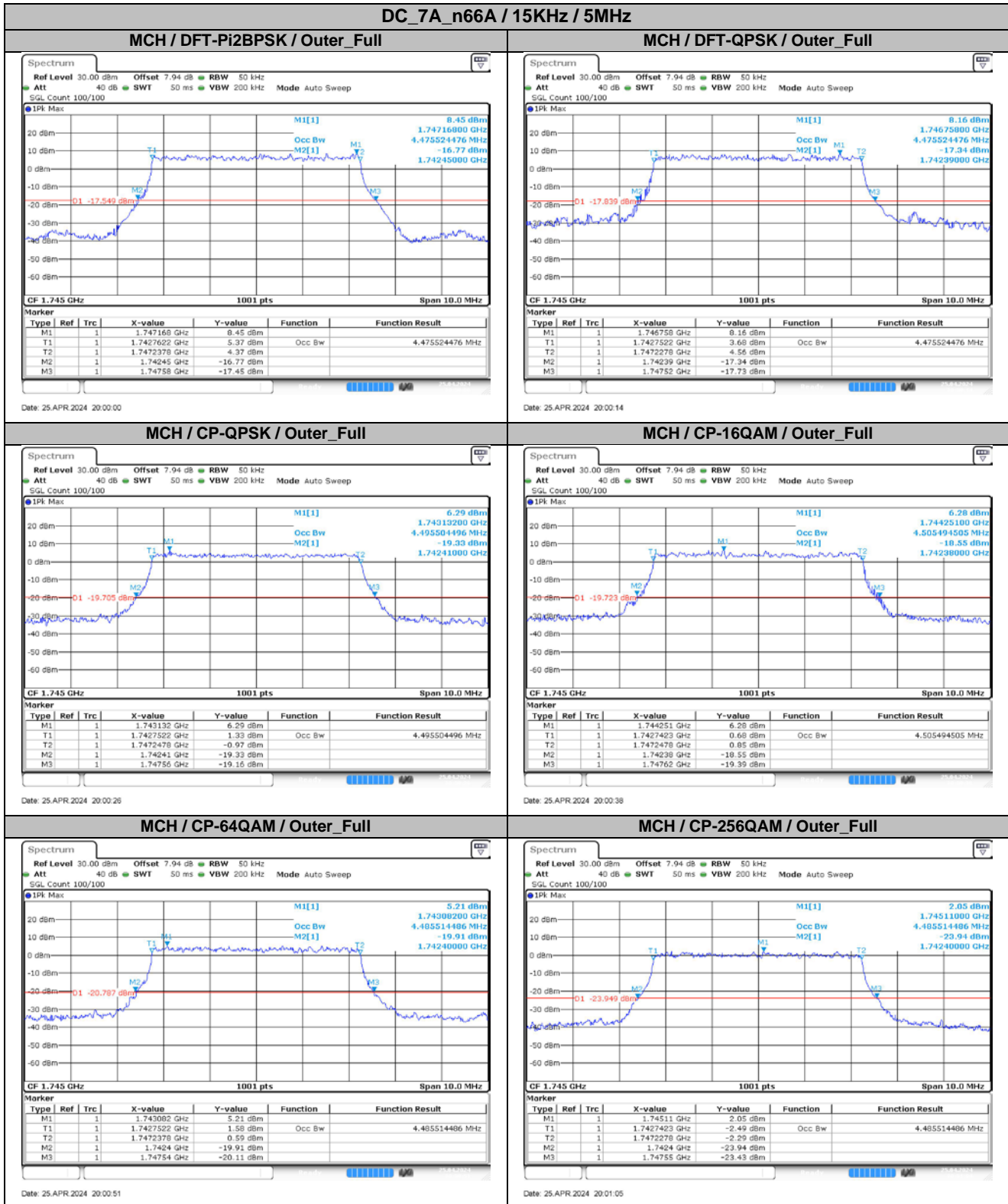


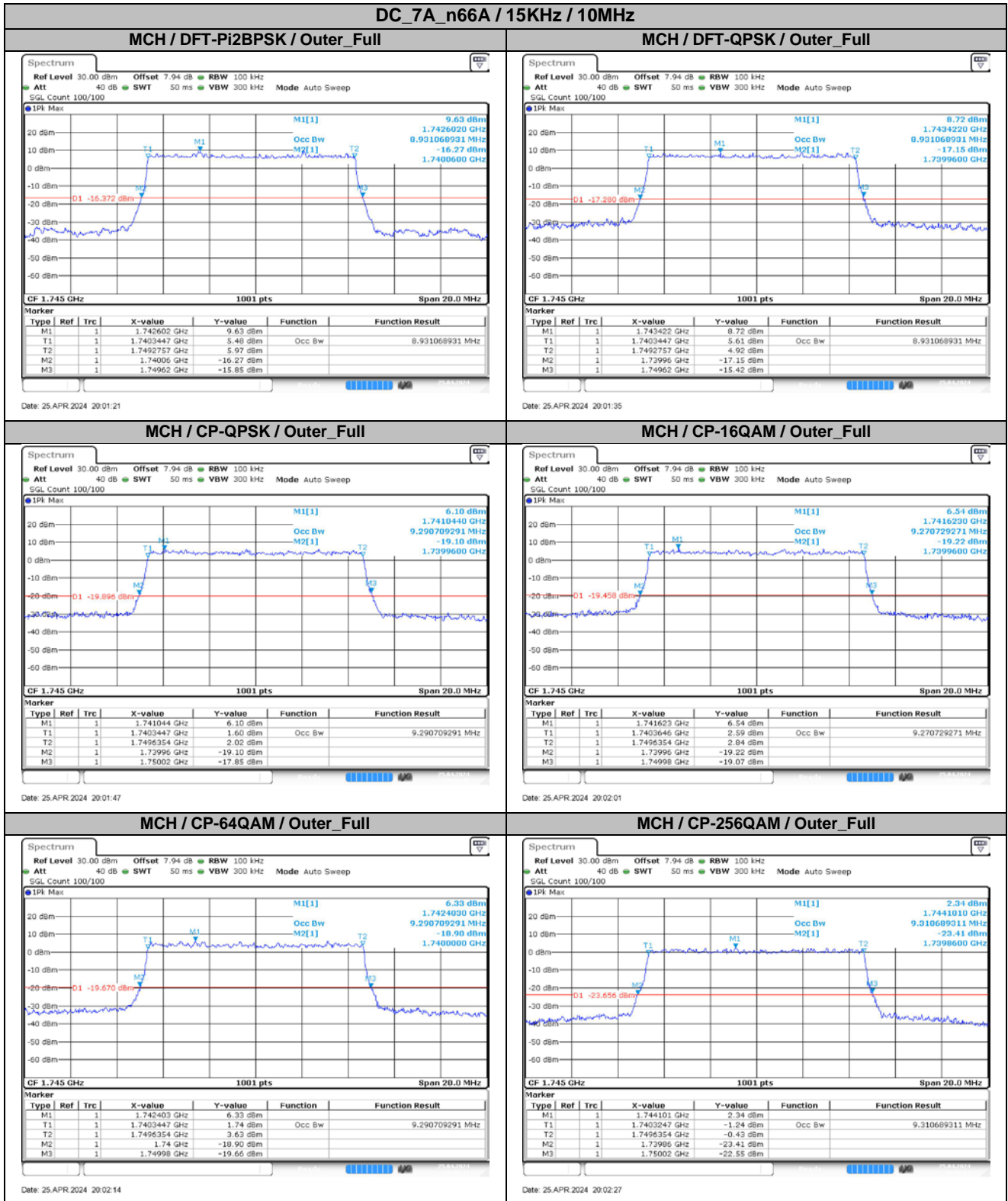
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

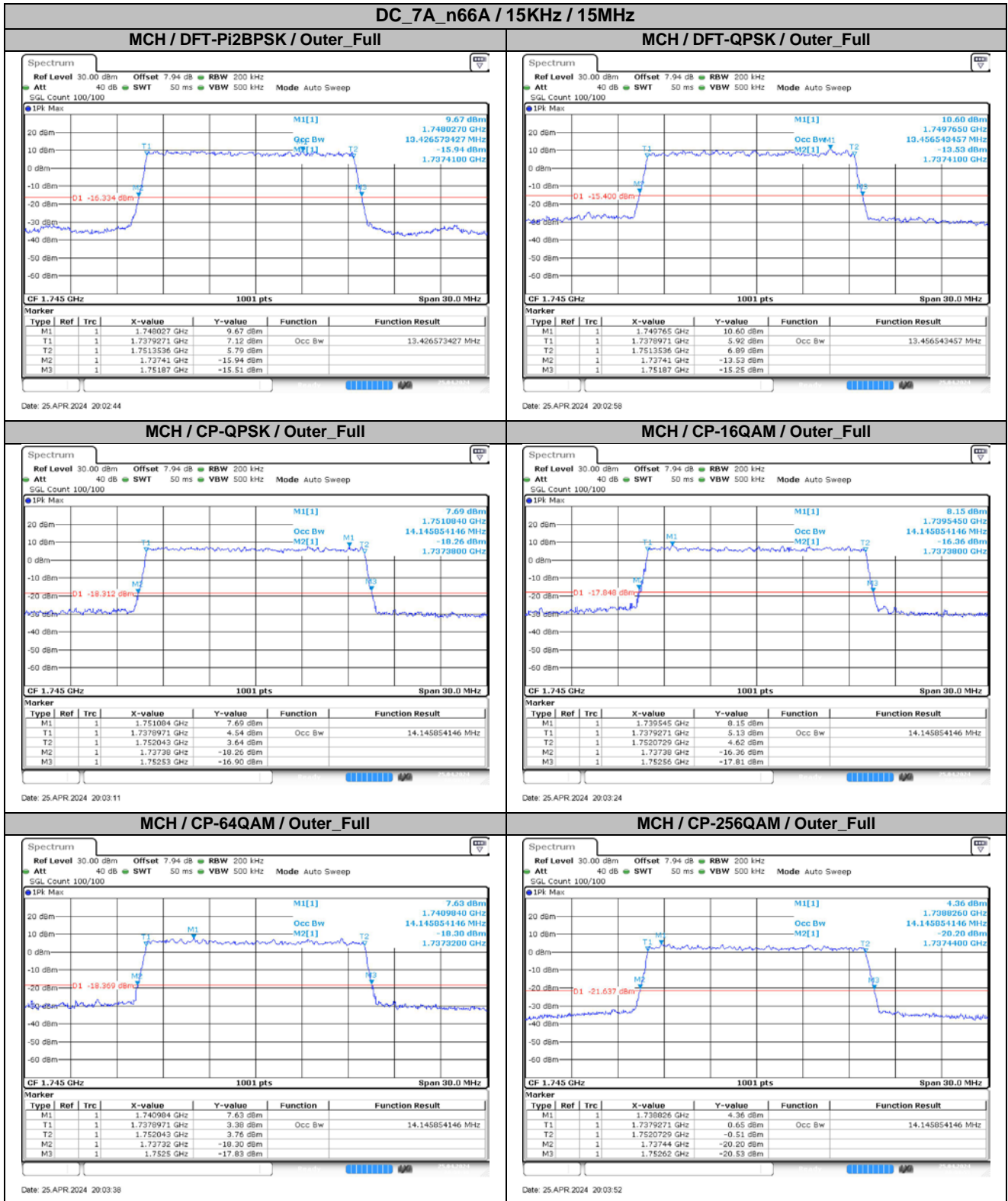
4.1. Test Results

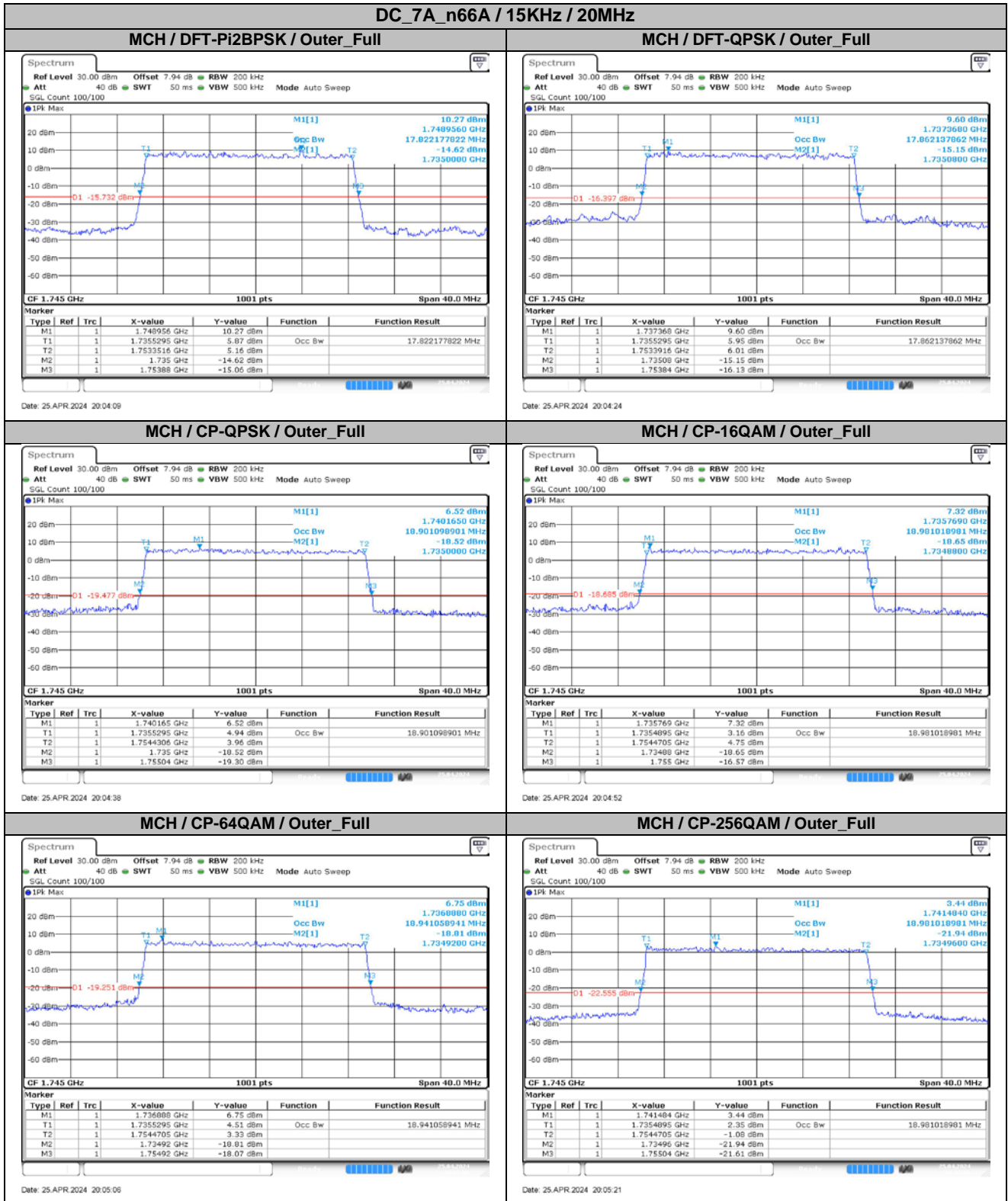
SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.48	5.13	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.48	5.13	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.50	5.15	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.51	5.24	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.49	5.14	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.49	5.15	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.93	9.56	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.93	9.66	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.29	10.06	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.27	10.02	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.29	9.98	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.31	10.16	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.43	14.46	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.46	14.46	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.15	15.15	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.15	15.18	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.15	15.18	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.15	15.18	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.82	18.88	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.86	18.76	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.90	20.04	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.98	20.12	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.94	20.00	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.98	20.08	Pass
15KHz	30MHz	DFT-Pi2BPSK	Outer_Full	28.59	29.70	Pass
15KHz	30MHz	DFT-QPSK	Outer_Full	28.59	29.76	Pass
15KHz	30MHz	CP-QPSK	Outer_Full	28.59	29.82	Pass
15KHz	30MHz	CP-16QAM	Outer_Full	28.53	29.76	Pass
15KHz	30MHz	CP-64QAM	Outer_Full	28.53	29.88	Pass
15KHz	30MHz	CP-256QAM	Outer_Full	28.59	29.88	Pass
15KHz	40MHz	DFT-Pi2BPSK	Outer_Full	38.52	40.16	Pass
15KHz	40MHz	DFT-QPSK	Outer_Full	38.68	40.24	Pass
15KHz	40MHz	CP-QPSK	Outer_Full	38.60	40.32	Pass
15KHz	40MHz	CP-16QAM	Outer_Full	38.60	40.24	Pass
15KHz	40MHz	CP-64QAM	Outer_Full	38.60	40.32	Pass
15KHz	40MHz	CP-256QAM	Outer_Full	38.60	40.24	Pass

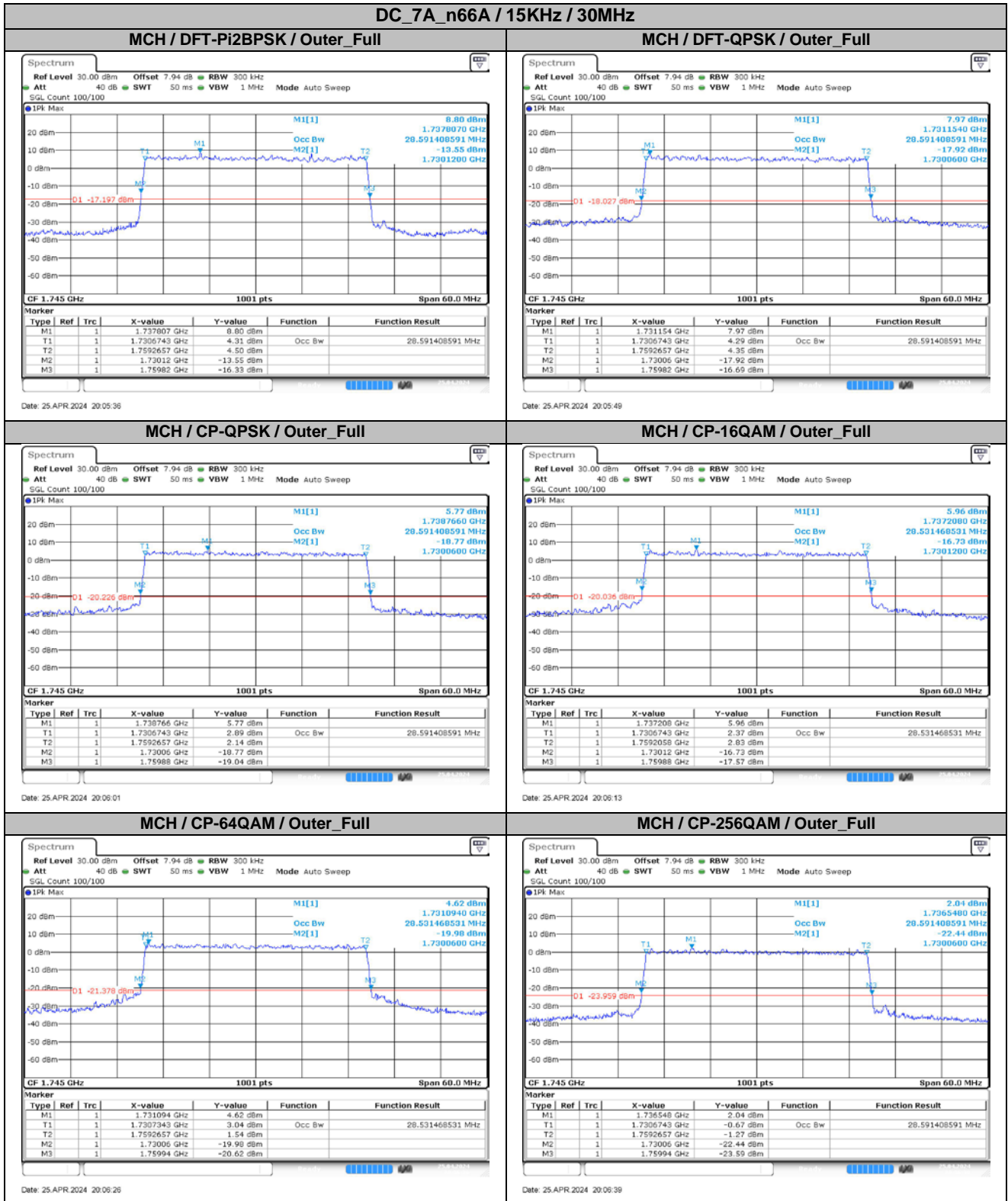
4.2. Test Plots

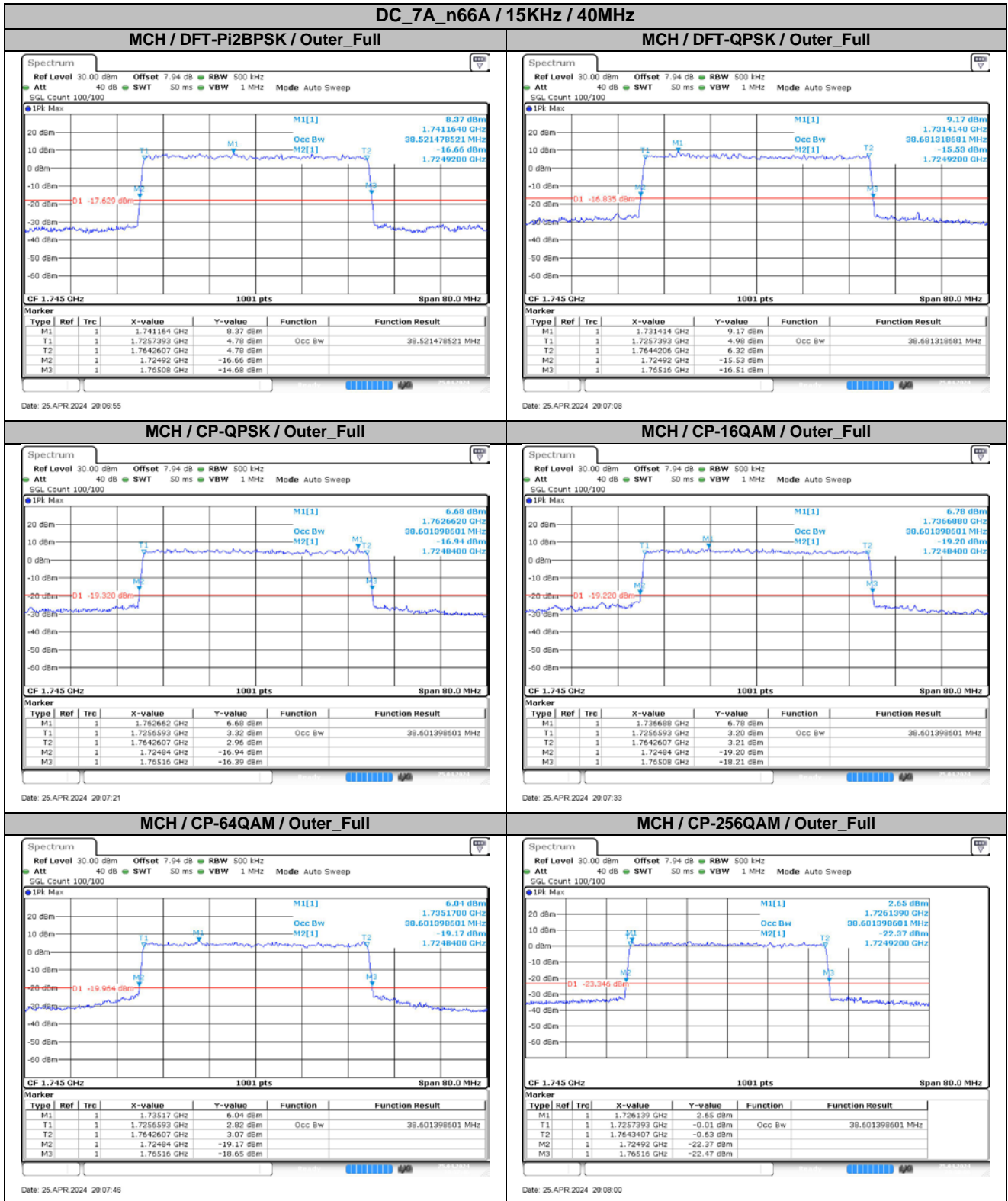












5. Conducted Band Edges

5.1. Test Plots

