

**Appendix
for
DC_2A_n7A
(2500-2570)**

Catalogue

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant1 (Antenna Gain=-2.48dBi)

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	23.23	23.27	23.07	20.79	33.00	Pass
15KHz	5MHz	LCH	DFT-QPSK	23.01	23.07	23.17	20.69	33.00	Pass
15KHz	5MHz	LCH	DFT-16QAM	22.92	23.02	23.19	20.71	33.00	Pass
15KHz	5MHz	LCH	DFT-64QAM	21.61	21.70	21.70	19.22	33.00	Pass
15KHz	5MHz	LCH	DFT-256QAM	19.09	19.20	19.52	17.04	33.00	Pass
15KHz	5MHz	LCH	CP-QPSK	22.37	22.58	22.58	20.10	33.00	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	23.05	23.11	23.14	20.66	33.00	Pass
15KHz	5MHz	MCH	DFT-QPSK	22.97	23.02	23.19	20.71	33.00	Pass
15KHz	5MHz	MCH	DFT-16QAM	22.85	22.96	23.21	20.73	33.00	Pass
15KHz	5MHz	MCH	DFT-64QAM	21.59	21.62	21.63	19.15	33.00	Pass
15KHz	5MHz	MCH	DFT-256QAM	19.06	19.18	19.45	16.97	33.00	Pass
15KHz	5MHz	MCH	CP-QPSK	22.39	22.57	22.54	20.09	33.00	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	23.16	23.17	23.27	20.79	33.00	Pass
15KHz	5MHz	HCH	DFT-QPSK	23.13	23.13	23.14	20.66	33.00	Pass
15KHz	5MHz	HCH	DFT-16QAM	22.97	23.09	23.17	20.69	33.00	Pass
15KHz	5MHz	HCH	DFT-64QAM	21.38	21.78	21.83	19.35	33.00	Pass
15KHz	5MHz	HCH	DFT-256QAM	19.27	19.29	19.64	17.16	33.00	Pass
15KHz	5MHz	HCH	CP-QPSK	22.53	22.70	22.68	20.22	33.00	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	23.18	23.25	23.18	20.77	33.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	22.99	23.07	23.12	20.64	33.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	22.96	23.03	23.09	20.61	33.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	21.48	21.53	21.51	19.05	33.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	19.17	19.16	19.53	17.05	33.00	Pass
15KHz	10MHz	LCH	CP-QPSK	22.41	22.51	22.49	20.03	33.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	23.05	23.11	23.07	20.63	33.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	23.01	23.07	23.06	20.59	33.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	22.85	22.96	23.05	20.57	33.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	21.36	21.56	21.44	19.08	33.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	19.22	19.24	19.53	17.05	33.00	Pass
15KHz	10MHz	MCH	CP-QPSK	22.41	22.49	22.41	20.01	33.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	23.19	23.22	23.23	20.75	33.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	23.13	23.15	23.28	20.80	33.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	23.11	23.09	23.25	20.77	33.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	21.63	21.64	21.65	19.17	33.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	19.31	19.29	19.56	17.08	33.00	Pass
15KHz	10MHz	HCH	CP-QPSK	22.54	22.61	22.58	20.13	33.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	23.40	23.37	23.39	20.92	33.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	23.19	23.18	23.45	20.97	33.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	23.12	23.12	23.40	20.92	33.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	21.78	21.83	21.84	19.36	33.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	19.23	19.29	19.73	17.25	33.00	Pass
15KHz	15MHz	LCH	CP-QPSK	22.58	22.80	22.85	20.37	33.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	23.19	23.32	23.36	20.88	33.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	23.19	23.32	23.35	20.87	33.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	23.09	23.13	23.38	20.90	33.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	21.76	21.86	21.80	19.38	33.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	19.35	19.51	19.70	17.22	33.00	Pass
15KHz	15MHz	MCH	CP-QPSK	22.60	22.84	22.73	20.36	33.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	23.30	23.25	23.36	20.88	33.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	23.29	23.19	23.38	20.90	33.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	23.41	23.29	23.38	20.93	33.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	21.58	21.47	21.78	19.30	33.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	19.49	19.48	19.82	17.34	33.00	Pass
15KHz	15MHz	HCH	CP-QPSK	22.68	22.79	22.78	20.31	33.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	23.34	23.34	23.35	20.87	33.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	23.20	23.21	23.40	20.92	33.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	23.10	23.17	23.33	20.85	33.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	21.84	21.84	21.83	19.36	33.00	Pass

15KHz	20MHz	LCH	DFT-256QAM	19.29	19.34	19.70	17.22	33.00	Pass
15KHz	20MHz	LCH	CP-QPSK	22.61	22.69	22.77	20.29	33.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.22	23.35	23.39	20.91	33.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	23.18	23.28	23.36	20.88	33.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	23.24	23.35	23.31	20.87	33.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	21.83	21.93	21.85	19.45	33.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	19.39	19.47	19.74	17.26	33.00	Pass
15KHz	20MHz	MCH	CP-QPSK	22.57	22.71	22.76	20.28	33.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	23.25	23.24	23.39	20.91	33.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	23.24	23.19	23.43	20.95	33.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	23.32	23.31	23.43	20.95	33.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	21.55	21.49	21.90	19.42	33.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	19.33	19.34	19.82	17.34	33.00	Pass
15KHz	20MHz	HCH	CP-QPSK	22.63	22.60	22.80	20.32	33.00	Pass
15KHz	25MHz	LCH	DFT-Pi2BPSK	23.37	23.46	23.35	20.98	33.00	Pass
15KHz	25MHz	LCH	DFT-QPSK	23.23	23.28	23.39	20.91	33.00	Pass
15KHz	25MHz	LCH	DFT-16QAM	23.25	23.10	23.34	20.86	33.00	Pass
15KHz	25MHz	LCH	DFT-64QAM	21.72	21.64	21.84	19.36	33.00	Pass
15KHz	25MHz	LCH	DFT-256QAM	19.45	19.52	19.73	17.25	33.00	Pass
15KHz	25MHz	LCH	CP-QPSK	22.62	22.76	22.79	20.31	33.00	Pass
15KHz	25MHz	MCH	DFT-Pi2BPSK	23.22	23.36	23.41	20.93	33.00	Pass
15KHz	25MHz	MCH	DFT-QPSK	23.21	23.31	23.38	20.90	33.00	Pass
15KHz	25MHz	MCH	DFT-16QAM	23.29	23.44	23.28	20.96	33.00	Pass
15KHz	25MHz	MCH	DFT-64QAM	21.47	21.63	21.83	19.35	33.00	Pass
15KHz	25MHz	MCH	DFT-256QAM	19.43	19.50	19.74	17.26	33.00	Pass
15KHz	25MHz	MCH	CP-QPSK	22.64	22.84	22.81	20.36	33.00	Pass
15KHz	25MHz	HCH	DFT-Pi2BPSK	23.33	23.28	23.43	20.95	33.00	Pass
15KHz	25MHz	HCH	DFT-QPSK	23.32	23.23	23.45	20.97	33.00	Pass
15KHz	25MHz	HCH	DFT-16QAM	23.22	23.15	23.33	20.85	33.00	Pass
15KHz	25MHz	HCH	DFT-64QAM	21.94	21.90	21.95	19.47	33.00	Pass
15KHz	25MHz	HCH	DFT-256QAM	19.48	19.41	19.83	17.35	33.00	Pass
15KHz	25MHz	HCH	CP-QPSK	22.72	22.77	22.86	20.38	33.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	23.10	23.16	23.07	20.68	33.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	22.98	23.01	23.18	20.70	33.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	22.88	22.85	23.05	20.57	33.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	21.64	21.64	21.58	19.16	33.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	19.07	19.23	19.46	16.98	33.00	Pass
15KHz	30MHz	LCH	CP-QPSK	22.32	22.51	22.53	20.05	33.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	23.06	23.09	23.10	20.62	33.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	23.00	23.07	23.12	20.64	33.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	22.83	22.88	22.99	20.51	33.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	21.66	21.72	21.59	19.24	33.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	19.21	19.33	19.49	17.01	33.00	Pass
15KHz	30MHz	MCH	CP-QPSK	22.42	22.49	22.46	20.01	33.00	Pass
15KHz	30MHz	HCH	DFT-Pi2BPSK	23.26	23.35	23.43	20.95	33.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	23.32	23.34	23.48	21.00	33.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	23.11	23.25	23.36	20.88	33.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	21.62	21.79	21.88	19.40	33.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	19.47	19.60	19.83	17.35	33.00	Pass
15KHz	30MHz	HCH	CP-QPSK	22.60	22.79	22.85	20.37	33.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	23.10	23.18	23.12	20.70	33.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	22.97	23.01	23.23	20.75	33.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	23.09	23.07	23.16	20.68	33.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	21.63	21.67	21.61	19.19	33.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	19.09	19.16	19.54	17.06	33.00	Pass
15KHz	40MHz	LCH	CP-QPSK	22.32	22.53	22.57	20.09	33.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	22.99	23.16	23.15	20.68	33.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	22.99	23.15	23.14	20.67	33.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	22.87	23.02	23.06	20.58	33.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	21.61	21.75	21.52	19.27	33.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	19.21	19.39	19.47	16.99	33.00	Pass
15KHz	40MHz	MCH	CP-QPSK	22.36	22.65	22.54	20.17	33.00	Pass

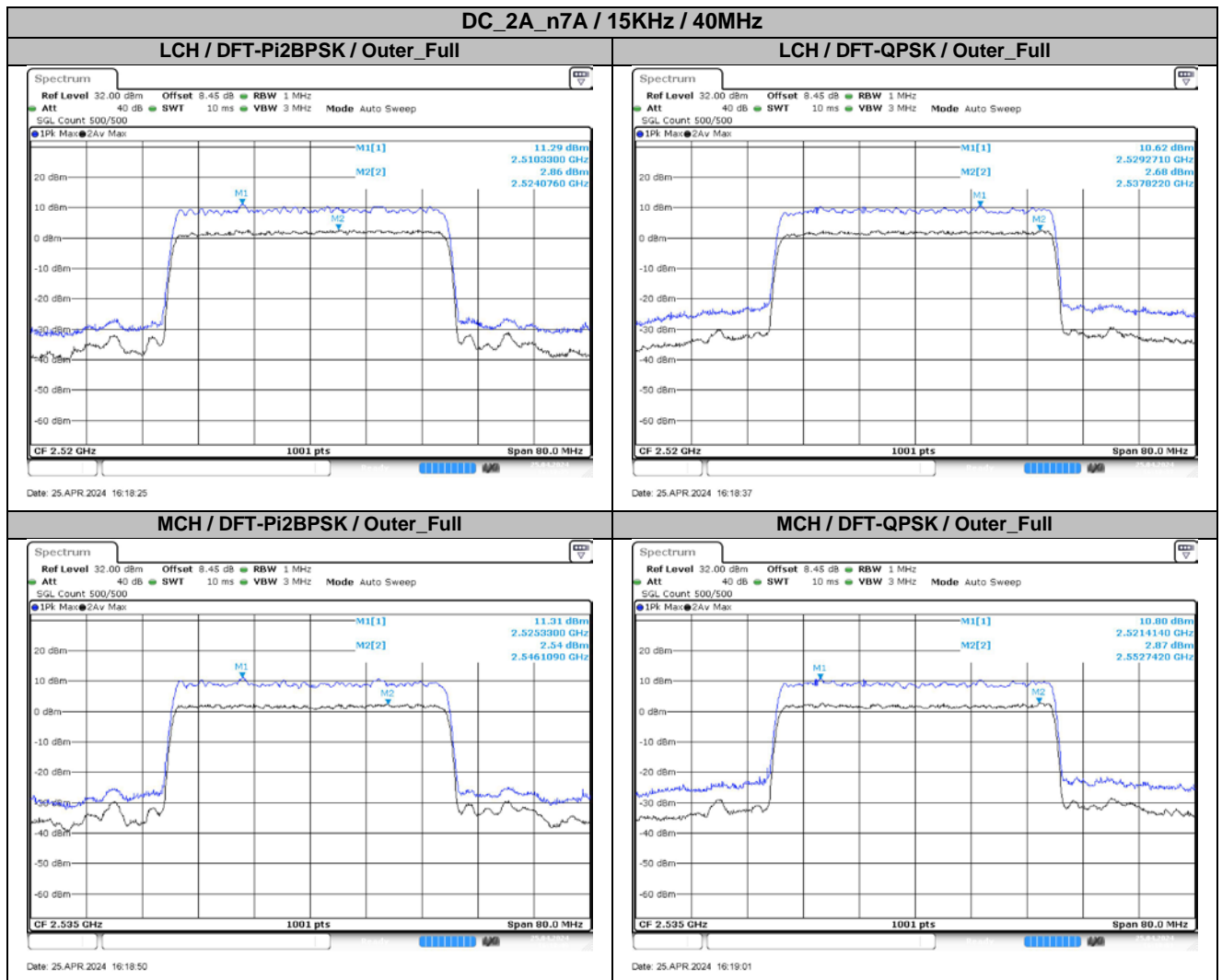
15KHz	40MHz	HCH	DFT-Pi2BPSK	23.02	23.14	23.23	20.75	33.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	22.94	23.13	23.28	20.80	33.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	22.80	22.98	23.22	20.74	33.00	Pass
15KHz	40MHz	HCH	DFT-64QAM	21.38	21.58	21.69	19.21	33.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	19.19	19.40	19.68	17.20	33.00	Pass
15KHz	40MHz	HCH	CP-QPSK	22.37	22.61	22.68	20.20	33.00	Pass

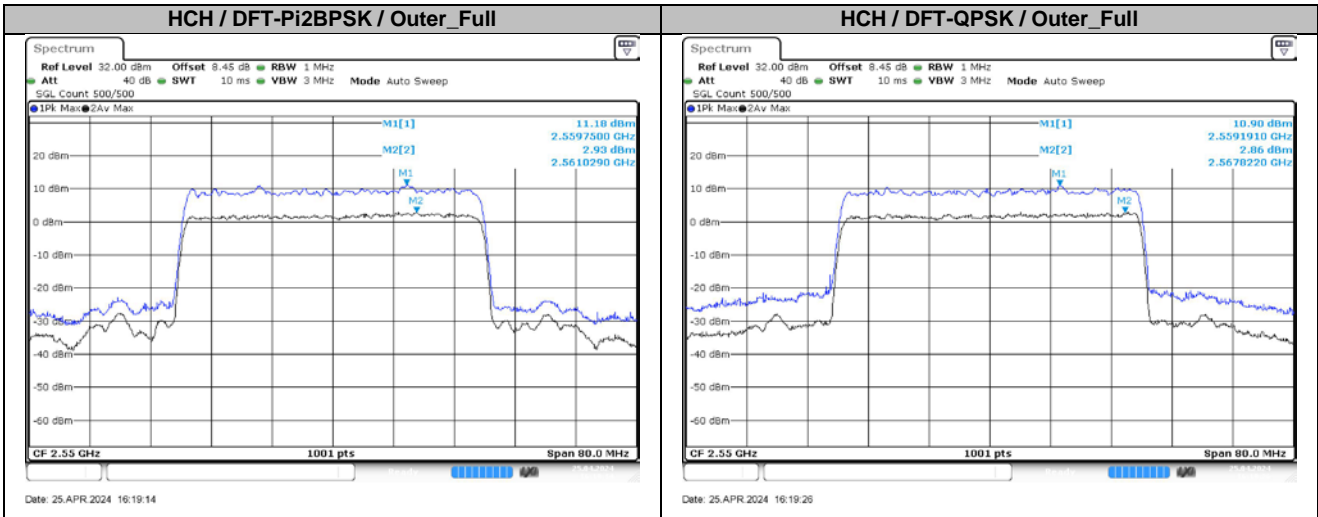
2. Peak-to-Average Ratio

2.1. Test Results

SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	40MHz	LCH	Outer_Full	8.43	7.94	13.00	Pass
15KHz	40MHz	MCH	Outer_Full	8.76	7.93	13.00	Pass
15KHz	40MHz	HCH	Outer_Full	8.25	8.04	13.00	Pass

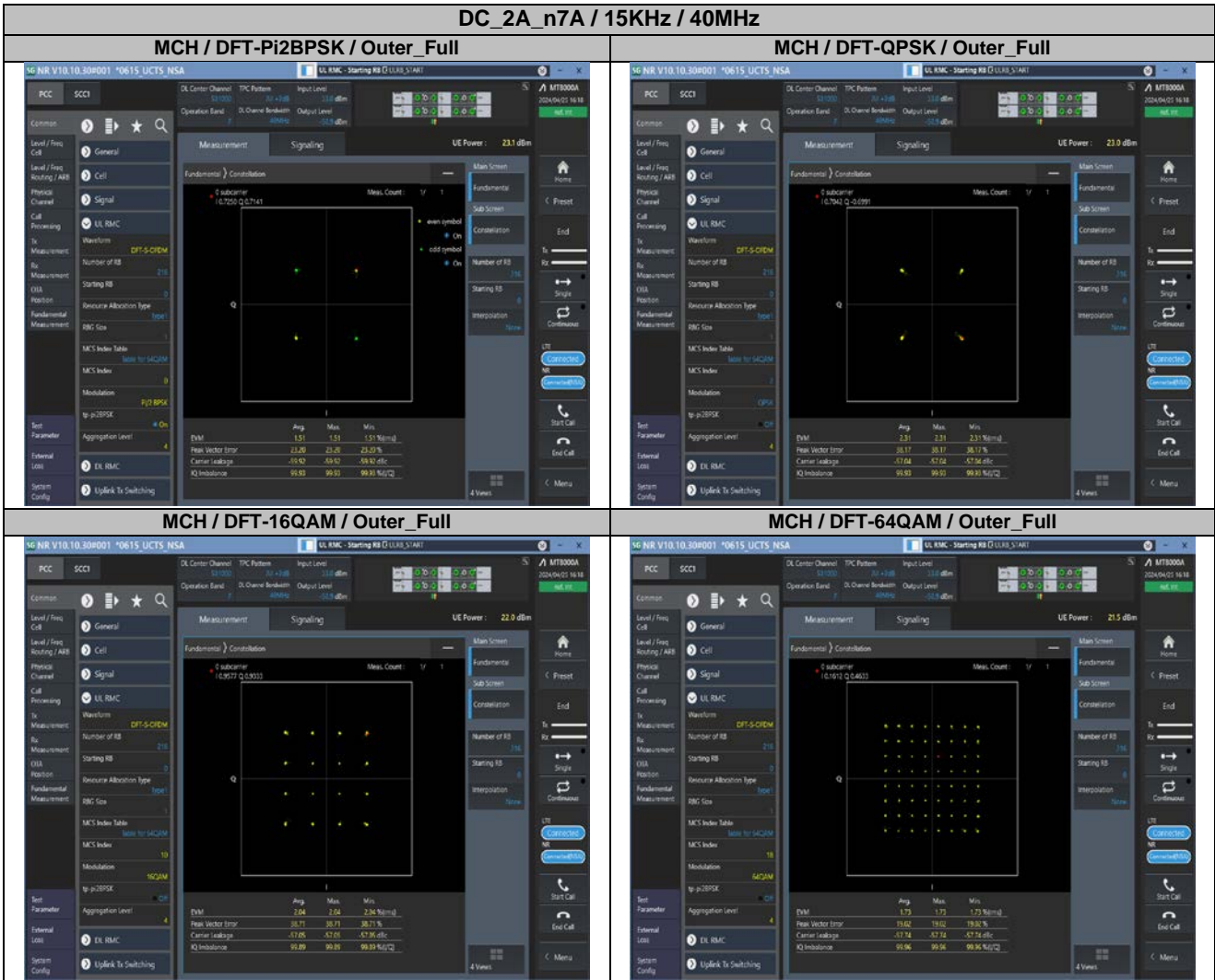
2.2. Test Plots

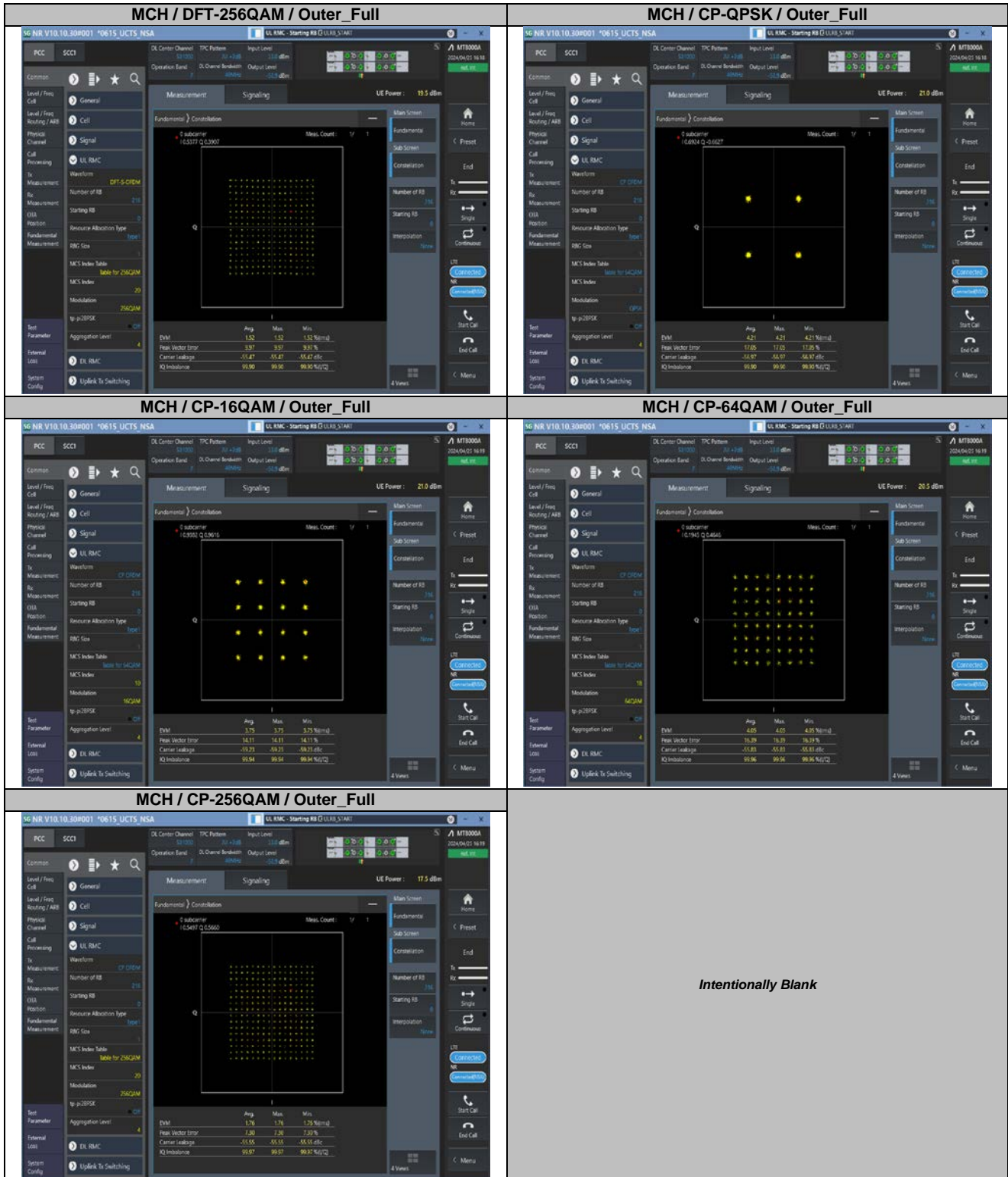




3. Modulation Characteristics

3.1. Test Plots



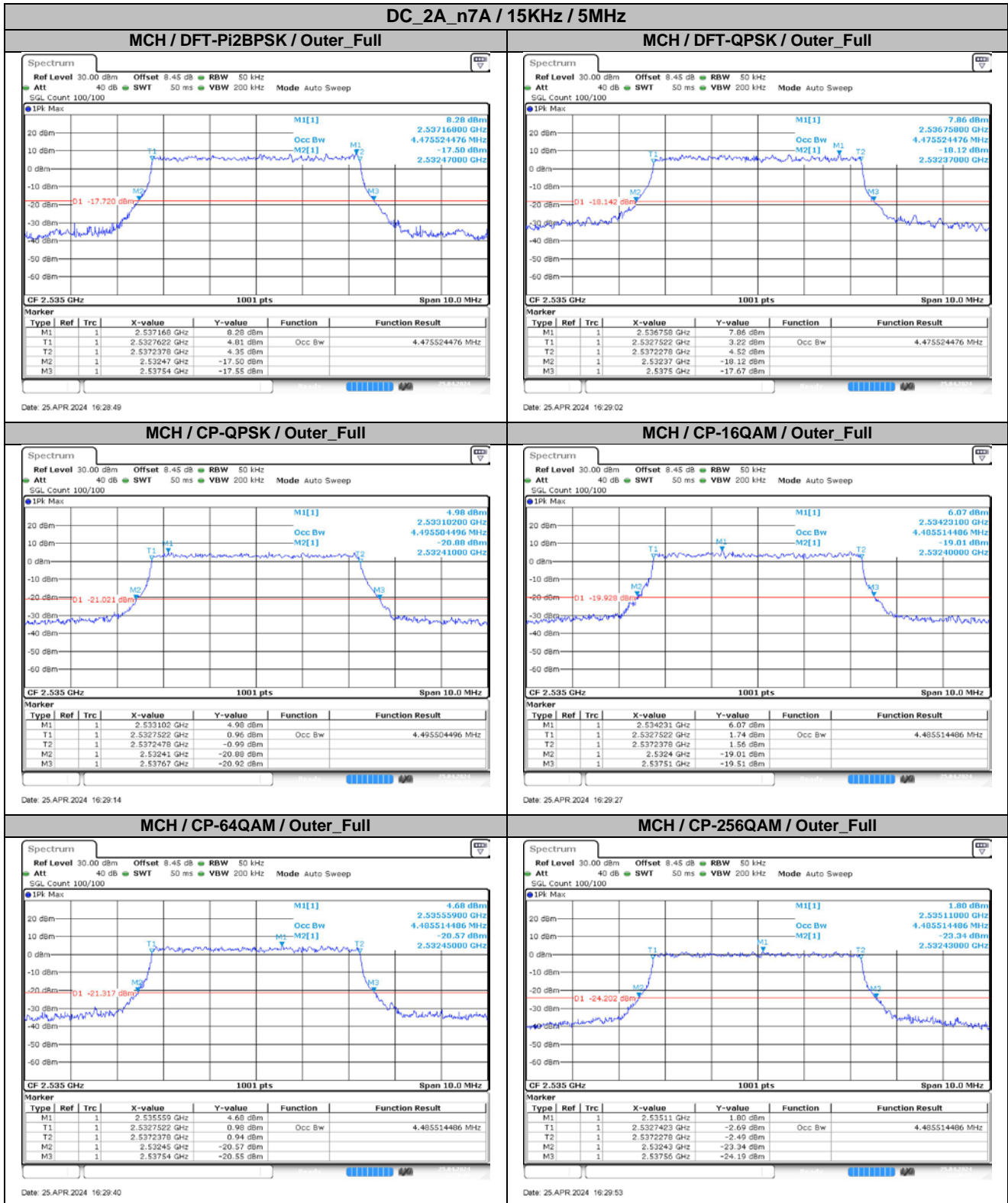


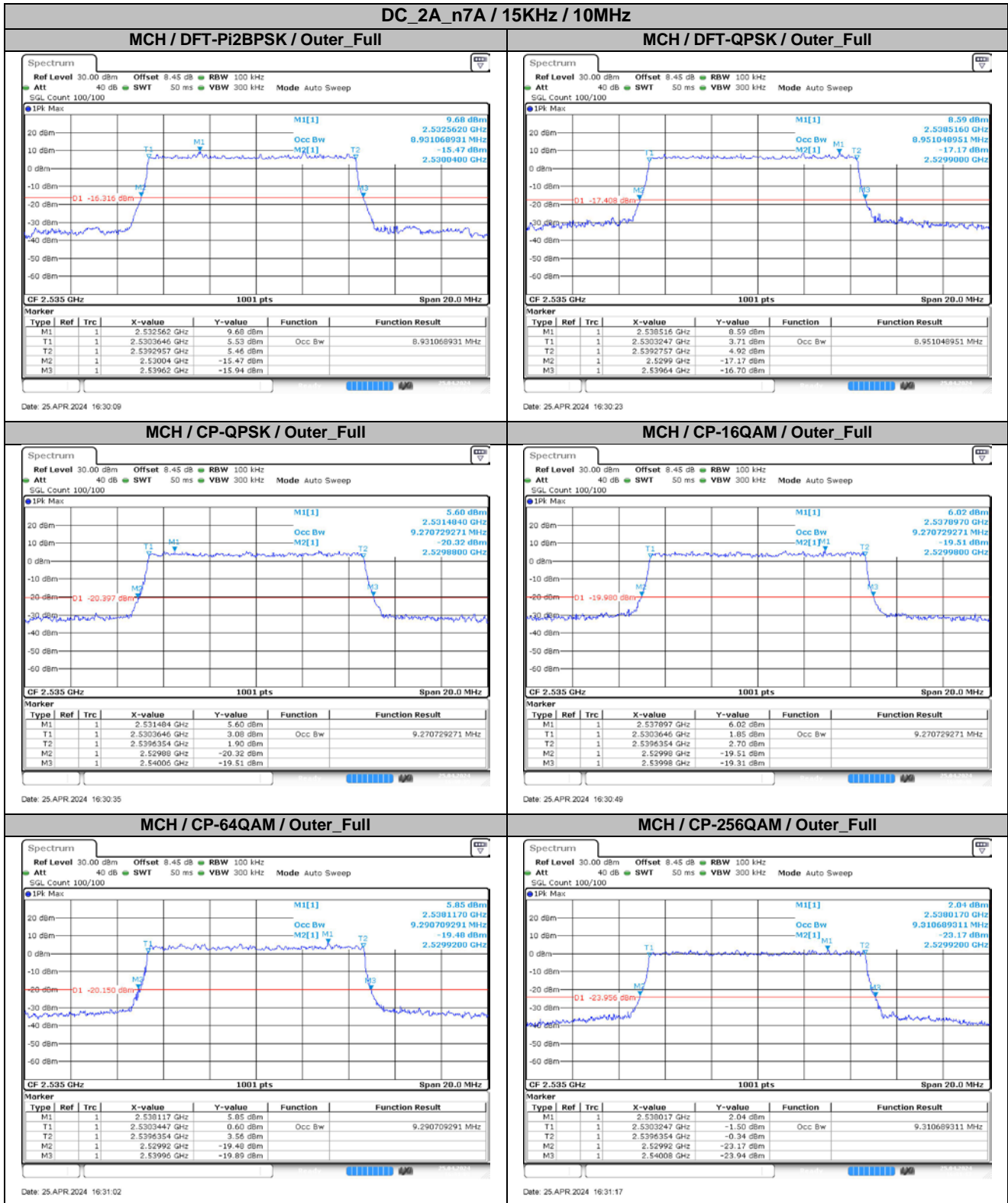
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

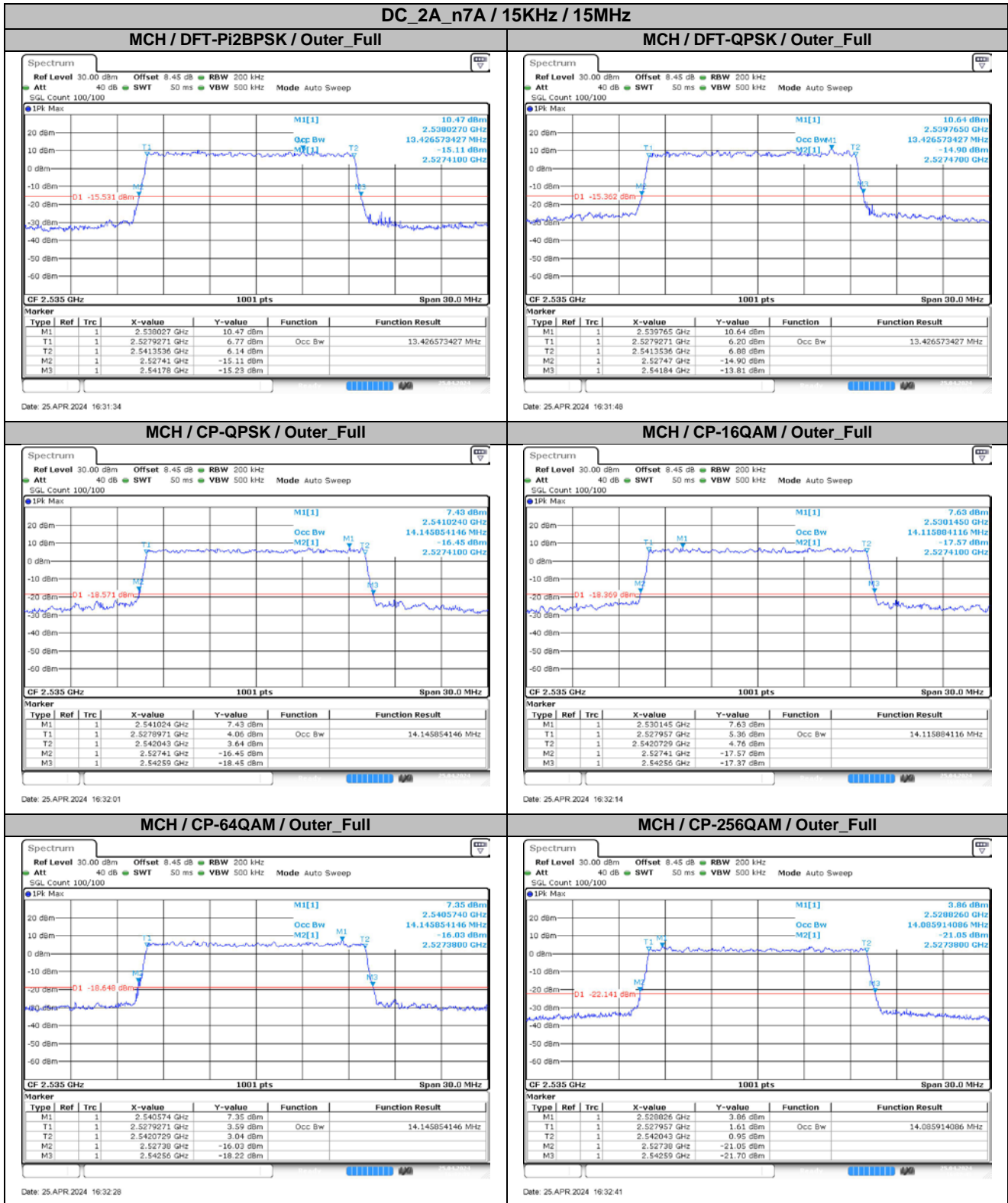
4.1. Test Results

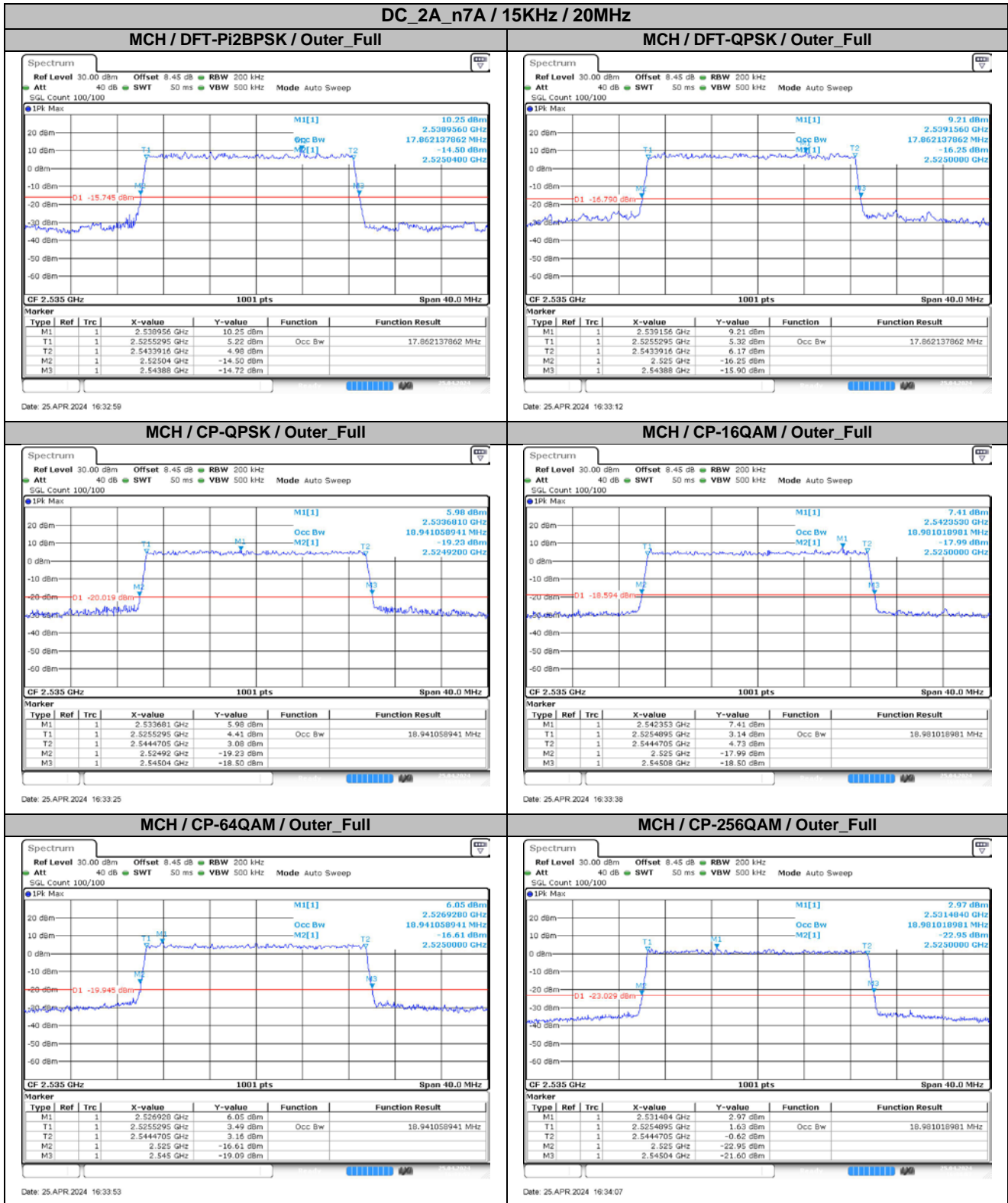
SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.48	5.07	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.48	5.13	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.50	5.26	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.49	5.11	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.49	5.09	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.49	5.13	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.93	9.58	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.95	9.74	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.27	10.18	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.27	10.00	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.29	10.04	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.31	10.16	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.43	14.37	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.43	14.37	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.15	15.18	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.12	15.15	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.15	15.18	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.09	15.21	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.86	18.84	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.86	18.88	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.94	20.12	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.98	20.08	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.94	20.00	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.98	20.04	Pass
15KHz	25MHz	DFT-Pi2BPSK	Outer_Full	22.88	24.10	Pass
15KHz	25MHz	DFT-QPSK	Outer_Full	22.98	24.00	Pass
15KHz	25MHz	CP-QPSK	Outer_Full	23.73	25.05	Pass
15KHz	25MHz	CP-16QAM	Outer_Full	23.78	24.95	Pass
15KHz	25MHz	CP-64QAM	Outer_Full	23.73	25.00	Pass
15KHz	25MHz	CP-256QAM	Outer_Full	23.73	24.95	Pass
15KHz	30MHz	DFT-Pi2BPSK	Outer_Full	28.53	29.82	Pass
15KHz	30MHz	DFT-QPSK	Outer_Full	28.53	29.82	Pass
15KHz	30MHz	CP-QPSK	Outer_Full	28.59	30.00	Pass
15KHz	30MHz	CP-16QAM	Outer_Full	28.59	29.88	Pass
15KHz	30MHz	CP-64QAM	Outer_Full	28.53	30.42	Pass
15KHz	30MHz	CP-256QAM	Outer_Full	28.59	29.94	Pass
15KHz	40MHz	DFT-Pi2BPSK	Outer_Full	38.52	40.32	Pass
15KHz	40MHz	DFT-QPSK	Outer_Full	38.68	40.32	Pass
15KHz	40MHz	CP-QPSK	Outer_Full	38.52	40.24	Pass
15KHz	40MHz	CP-16QAM	Outer_Full	38.60	40.16	Pass
15KHz	40MHz	CP-64QAM	Outer_Full	38.68	40.40	Pass
15KHz	40MHz	CP-256QAM	Outer_Full	38.60	40.24	Pass

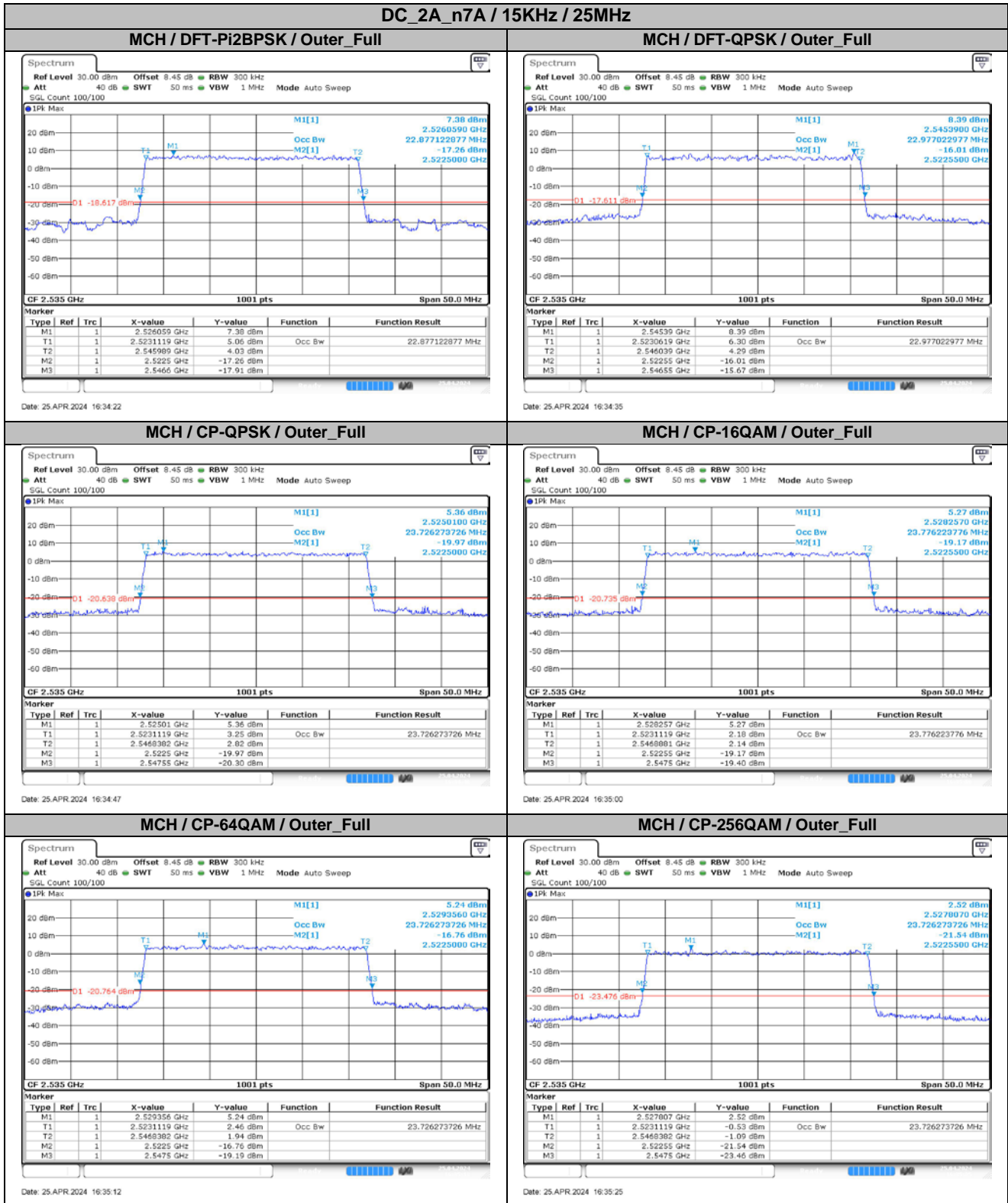
4.2. Test Plots

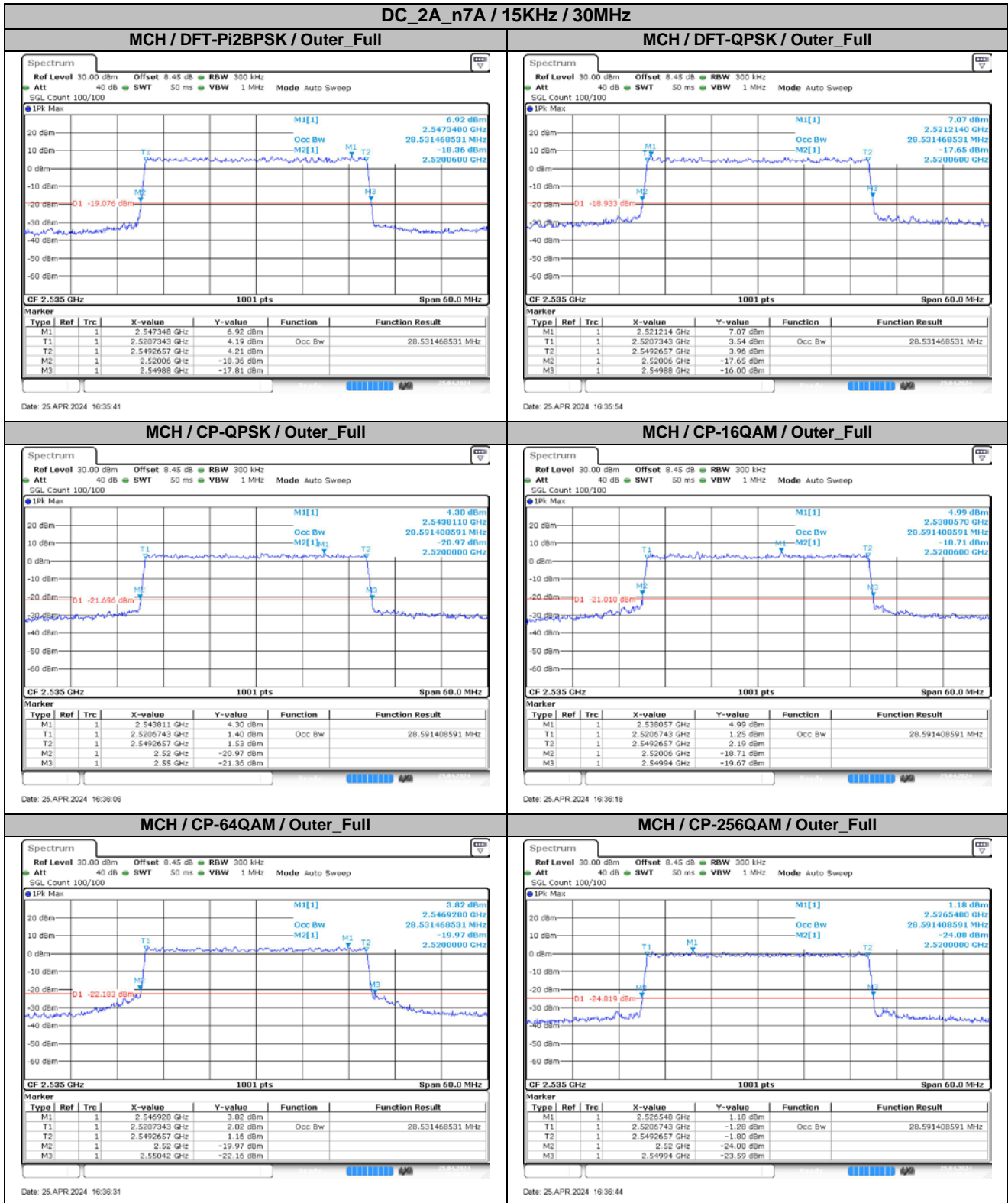


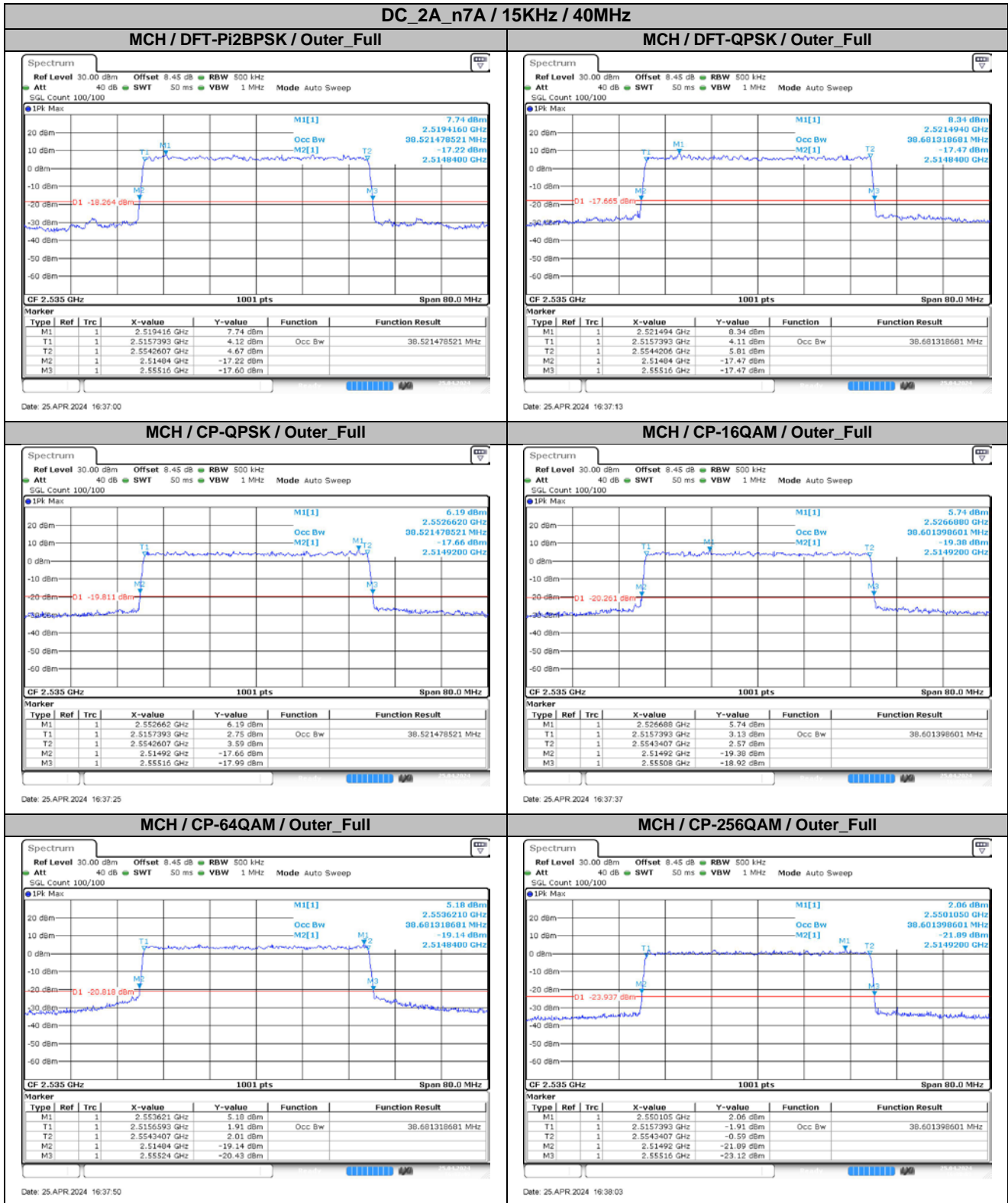












5. Conducted Band Edges

5.1. Test Plots

