

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

Catalogue

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant4 (Antenna Gain=-0.50dBi)

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	22.96	22.92	22.94	22.46	33.00	Pass
15KHz	5MHz	LCH	DFT-QPSK	22.84	22.95	23.00	22.50	33.00	Pass
15KHz	5MHz	LCH	DFT-16QAM	21.53	21.50	21.98	21.48	33.00	Pass
15KHz	5MHz	LCH	DFT-64QAM	20.77	20.86	20.61	20.36	33.00	Pass
15KHz	5MHz	LCH	DFT-256QAM	17.76	18.14	18.34	17.84	33.00	Pass
15KHz	5MHz	LCH	CP-QPSK	21.26	21.44	21.33	20.94	33.00	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	23.27	22.83	22.87	22.77	33.00	Pass
15KHz	5MHz	MCH	DFT-QPSK	22.79	22.77	22.83	22.33	33.00	Pass
15KHz	5MHz	MCH	DFT-16QAM	21.32	21.52	21.85	21.35	33.00	Pass
15KHz	5MHz	MCH	DFT-64QAM	20.40	20.97	20.58	20.47	33.00	Pass
15KHz	5MHz	MCH	DFT-256QAM	18.02	18.47	18.39	17.97	33.00	Pass
15KHz	5MHz	MCH	CP-QPSK	21.36	21.38	21.44	20.94	33.00	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	22.75	22.73	22.81	22.31	33.00	Pass
15KHz	5MHz	HCH	DFT-QPSK	22.66	22.58	22.90	22.40	33.00	Pass
15KHz	5MHz	HCH	DFT-16QAM	21.24	21.29	21.94	21.44	33.00	Pass
15KHz	5MHz	HCH	DFT-64QAM	20.96	20.58	20.28	20.46	33.00	Pass
15KHz	5MHz	HCH	DFT-256QAM	17.96	17.93	18.32	17.82	33.00	Pass
15KHz	5MHz	HCH	CP-QPSK	21.66	21.25	21.06	21.16	33.00	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	22.87	22.89	22.90	22.40	33.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	22.73	23.12	22.88	22.62	33.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	22.27	21.93	21.94	21.77	33.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	20.68	20.74	20.39	20.24	33.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	17.97	18.38	18.40	17.90	33.00	Pass
15KHz	10MHz	LCH	CP-QPSK	21.32	21.41	21.07	20.91	33.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	22.98	22.90	22.94	22.48	33.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	22.80	22.77	22.89	22.39	33.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	21.47	21.45	21.92	21.42	33.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	20.52	20.54	20.38	20.04	33.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	18.05	18.04	18.31	17.81	33.00	Pass
15KHz	10MHz	MCH	CP-QPSK	21.51	21.36	21.33	21.01	33.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	22.79	22.78	23.09	22.59	33.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	22.73	22.62	23.08	22.58	33.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	21.81	22.07	21.77	21.57	33.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	20.70	20.95	20.57	20.45	33.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	17.92	17.89	18.54	18.04	33.00	Pass
15KHz	10MHz	HCH	CP-QPSK	21.34	21.23	21.11	20.84	33.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	22.85	23.02	23.00	22.52	33.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	22.78	23.04	22.88	22.54	33.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	21.43	21.64	21.92	21.42	33.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	20.46	20.63	20.40	20.13	33.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	18.00	18.10	18.28	17.78	33.00	Pass
15KHz	15MHz	LCH	CP-QPSK	21.32	21.54	21.39	21.04	33.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	23.07	22.83	22.89	22.57	33.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	23.01	22.76	22.92	22.51	33.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	21.88	21.55	21.93	21.43	33.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	20.41	20.12	20.38	19.91	33.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	18.32	18.02	18.36	17.86	33.00	Pass
15KHz	15MHz	MCH	CP-QPSK	21.55	21.32	21.45	21.05	33.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	22.86	22.80	22.93	22.43	33.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	22.86	22.73	22.90	22.40	33.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	21.68	21.55	21.95	21.45	33.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	20.19	20.10	20.48	19.98	33.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	18.07	17.91	18.29	17.79	33.00	Pass
15KHz	15MHz	HCH	CP-QPSK	21.41	21.34	21.41	20.91	33.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	22.80	23.47	23.00	22.97	33.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	22.80	23.43	23.05	22.93	33.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	21.37	22.22	22.04	21.72	33.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	20.16	20.99	20.53	20.49	33.00	Pass

15KHz	20MHz	LCH	DFT-256QAM	18.09	19.00	18.41	18.50	33.00	Pass
15KHz	20MHz	LCH	CP-QPSK	21.37	22.05	21.49	21.55	33.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.19	22.82	23.01	22.69	33.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	23.09	22.75	22.94	22.59	33.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	21.80	21.51	21.91	21.41	33.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	20.83	20.50	20.49	20.33	33.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	18.29	18.06	18.38	17.88	33.00	Pass
15KHz	20MHz	MCH	CP-QPSK	21.68	21.34	21.44	21.18	33.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	23.03	22.82	22.80	22.53	33.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	22.80	22.64	22.93	22.43	33.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	21.54	21.37	21.86	21.36	33.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	20.18	20.03	20.33	19.83	33.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	18.08	17.90	18.33	17.83	33.00	Pass
15KHz	20MHz	HCH	CP-QPSK	21.48	21.21	21.33	20.98	33.00	Pass
15KHz	25MHz	LCH	DFT-Pi2BPSK	22.87	23.00	23.19	22.69	33.00	Pass
15KHz	25MHz	LCH	DFT-QPSK	22.87	22.98	23.23	22.73	33.00	Pass
15KHz	25MHz	LCH	DFT-16QAM	21.37	21.61	22.11	21.61	33.00	Pass
15KHz	25MHz	LCH	DFT-64QAM	20.42	20.74	20.74	20.24	33.00	Pass
15KHz	25MHz	LCH	DFT-256QAM	18.39	18.52	18.64	18.14	33.00	Pass
15KHz	25MHz	LCH	CP-QPSK	21.36	21.68	21.76	21.26	33.00	Pass
15KHz	25MHz	MCH	DFT-Pi2BPSK	23.21	22.90	22.96	22.71	33.00	Pass
15KHz	25MHz	MCH	DFT-QPSK	23.12	22.86	23.00	22.62	33.00	Pass
15KHz	25MHz	MCH	DFT-16QAM	21.72	21.48	21.94	21.44	33.00	Pass
15KHz	25MHz	MCH	DFT-64QAM	20.83	20.60	20.47	20.33	33.00	Pass
15KHz	25MHz	MCH	DFT-256QAM	18.79	18.17	18.35	18.29	33.00	Pass
15KHz	25MHz	MCH	CP-QPSK	21.69	21.46	21.51	21.19	33.00	Pass
15KHz	25MHz	HCH	DFT-Pi2BPSK	22.91	22.80	22.89	22.41	33.00	Pass
15KHz	25MHz	HCH	DFT-QPSK	22.87	22.71	22.90	22.40	33.00	Pass
15KHz	25MHz	HCH	DFT-16QAM	21.93	21.80	21.89	21.43	33.00	Pass
15KHz	25MHz	HCH	DFT-64QAM	20.80	20.71	20.46	20.30	33.00	Pass
15KHz	25MHz	HCH	DFT-256QAM	18.65	18.12	18.37	18.15	33.00	Pass
15KHz	25MHz	HCH	CP-QPSK	21.42	21.37	21.44	20.94	33.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	22.86	23.05	23.35	22.85	33.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	22.77	23.02	23.42	22.92	33.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	21.46	21.66	22.23	21.73	33.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	20.16	20.33	20.78	20.28	33.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	18.11	18.35	18.83	18.33	33.00	Pass
15KHz	30MHz	LCH	CP-QPSK	21.35	21.63	21.79	21.29	33.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	23.25	22.89	22.99	22.75	33.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	23.19	22.77	23.01	22.69	33.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	22.25	21.89	21.94	21.75	33.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	20.89	20.53	20.48	20.39	33.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	18.65	18.07	18.39	18.15	33.00	Pass
15KHz	30MHz	MCH	CP-QPSK	21.80	21.42	21.41	21.30	33.00	Pass
15KHz	30MHz	HCH	DFT-Pi2BPSK	22.88	22.72	22.88	22.38	33.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	22.78	22.63	22.87	22.37	33.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	21.58	21.34	21.86	21.36	33.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	20.07	20.02	20.42	19.92	33.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	17.93	17.84	18.39	17.89	33.00	Pass
15KHz	30MHz	HCH	CP-QPSK	21.29	21.25	21.34	20.84	33.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	22.85	22.85	23.35	22.85	33.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	22.76	22.77	23.32	22.82	33.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	21.45	21.41	22.28	21.78	33.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	20.49	20.54	20.69	20.19	33.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	18.04	18.06	18.78	18.28	33.00	Pass
15KHz	40MHz	LCH	CP-QPSK	21.33	21.48	21.80	21.30	33.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	23.18	23.02	23.13	22.68	33.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	23.10	22.96	23.12	22.62	33.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	21.75	21.54	22.06	21.56	33.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	21.06	20.65	20.54	20.56	33.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	18.26	18.16	18.58	18.08	33.00	Pass
15KHz	40MHz	MCH	CP-QPSK	21.76	21.61	21.55	21.26	33.00	Pass

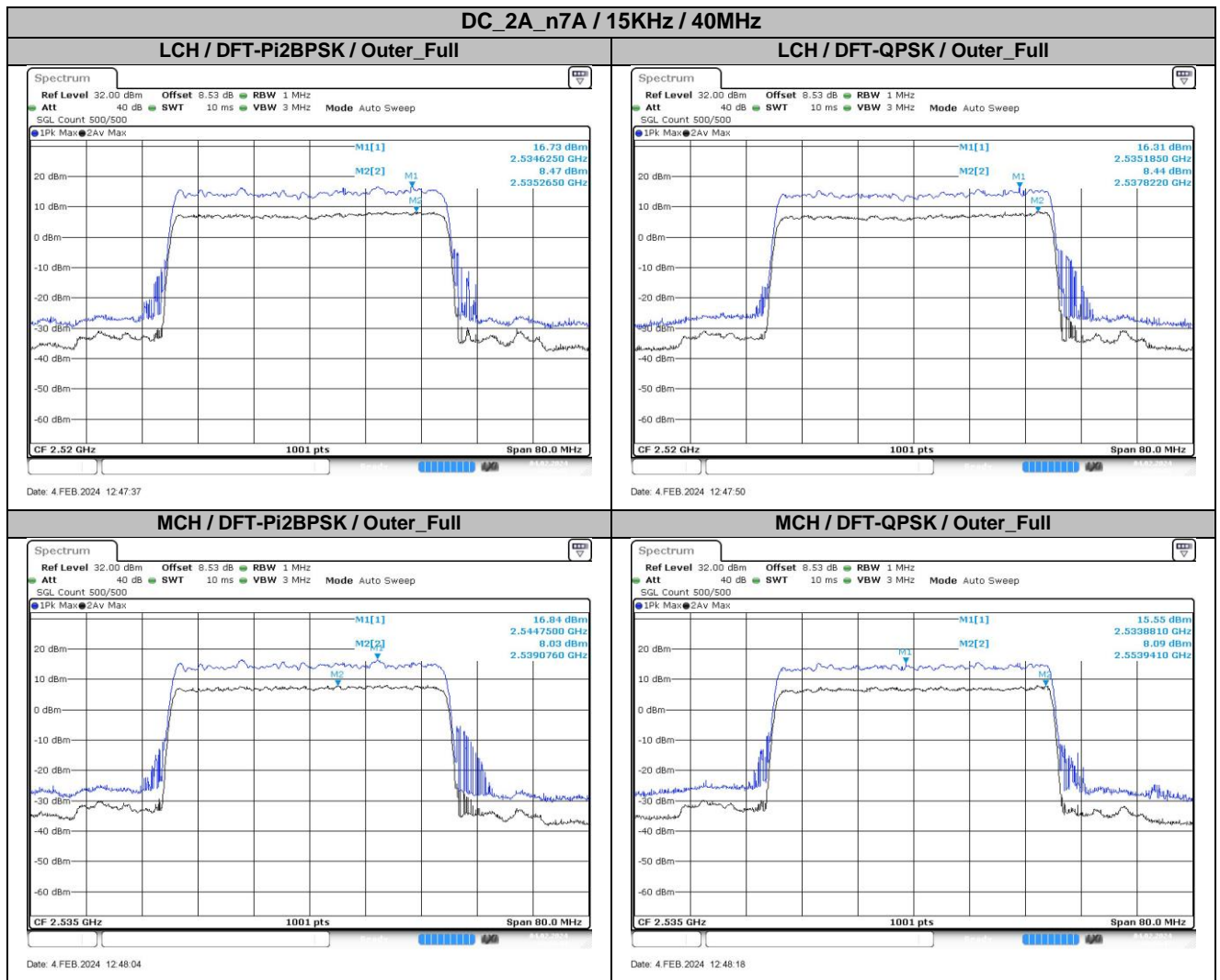
15KHz	40MHz	HCH	DFT-Pi2BPSK	23.02	22.74	22.88	22.52	33.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	22.93	22.67	22.91	22.43	33.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	21.74	21.49	21.94	21.44	33.00	Pass
15KHz	40MHz	HCH	DFT-64QAM	20.25	20.08	20.35	19.85	33.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	18.27	18.02	18.37	17.87	33.00	Pass
15KHz	40MHz	HCH	CP-QPSK	21.49	21.34	21.43	20.99	33.00	Pass

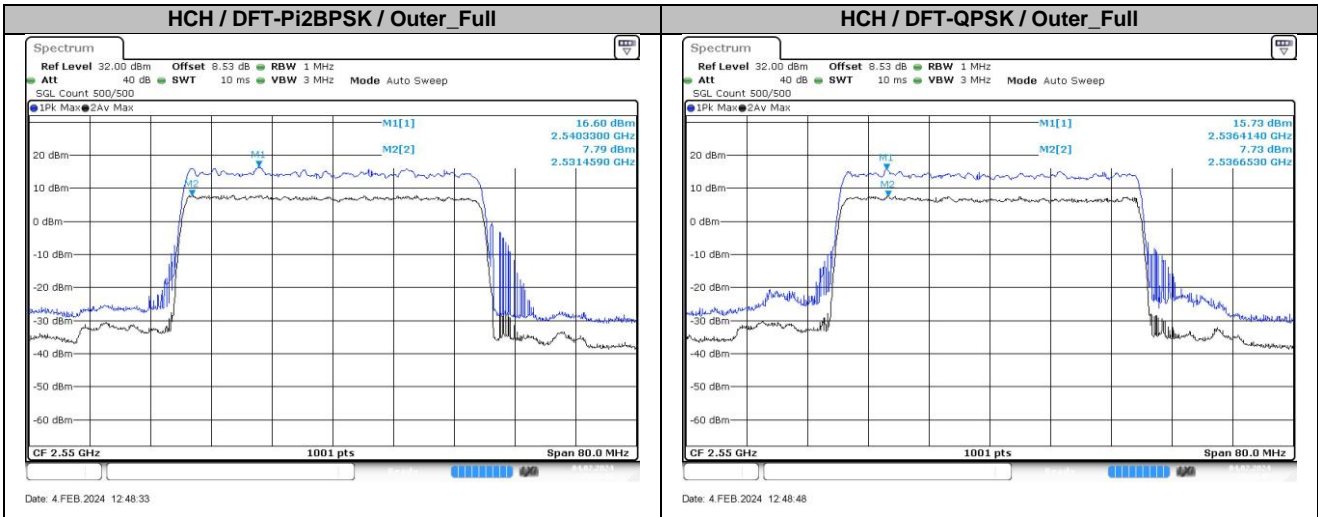
2. Peak-to-Average Ratio

2.1. Test Results

SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	40MHz	LCH	Outer_Full	8.26	7.87	13.00	Pass
15KHz	40MHz	MCH	Outer_Full	8.81	7.46	13.00	Pass
15KHz	40MHz	HCH	Outer_Full	8.81	8.00	13.00	Pass

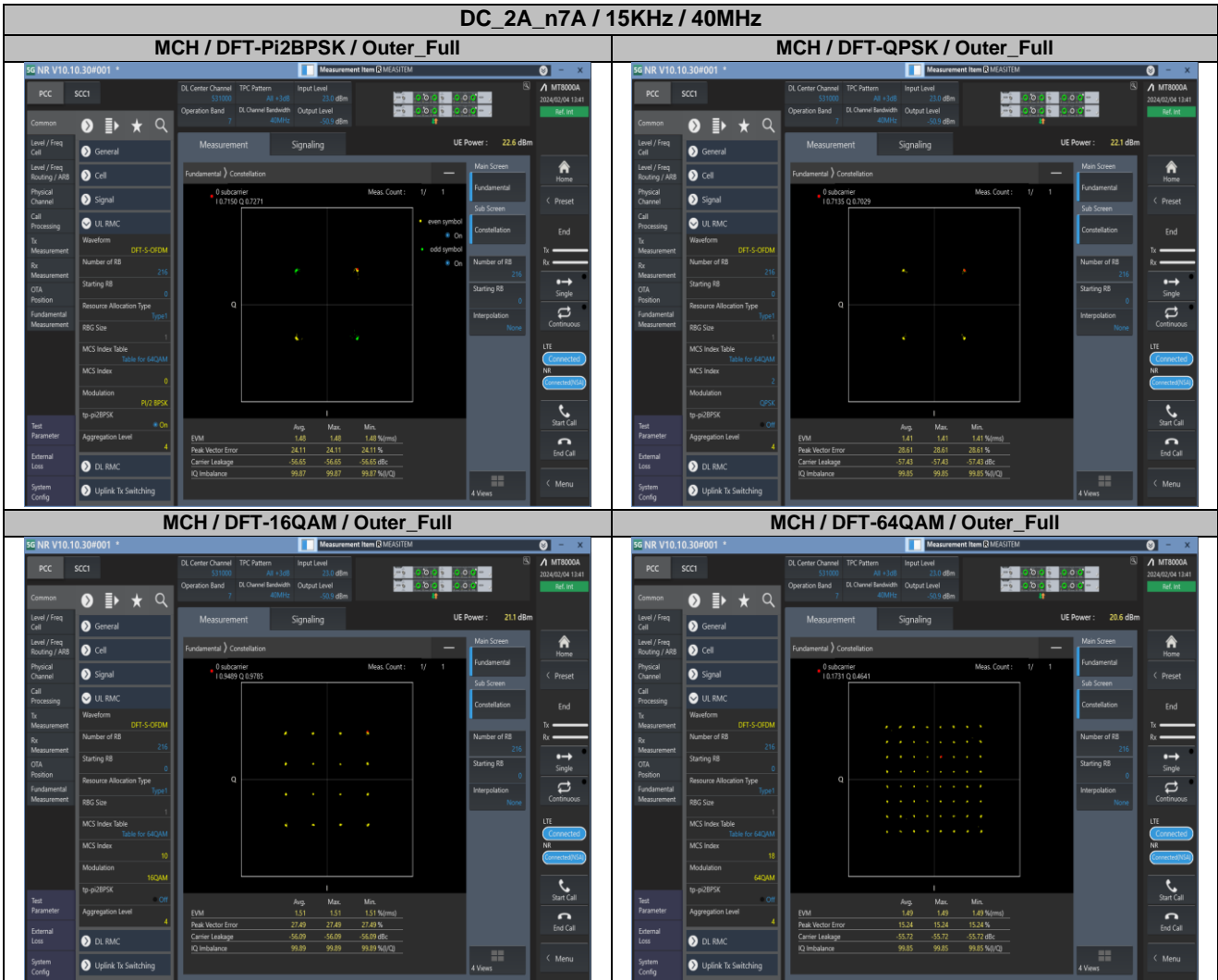
2.2. Test Plots

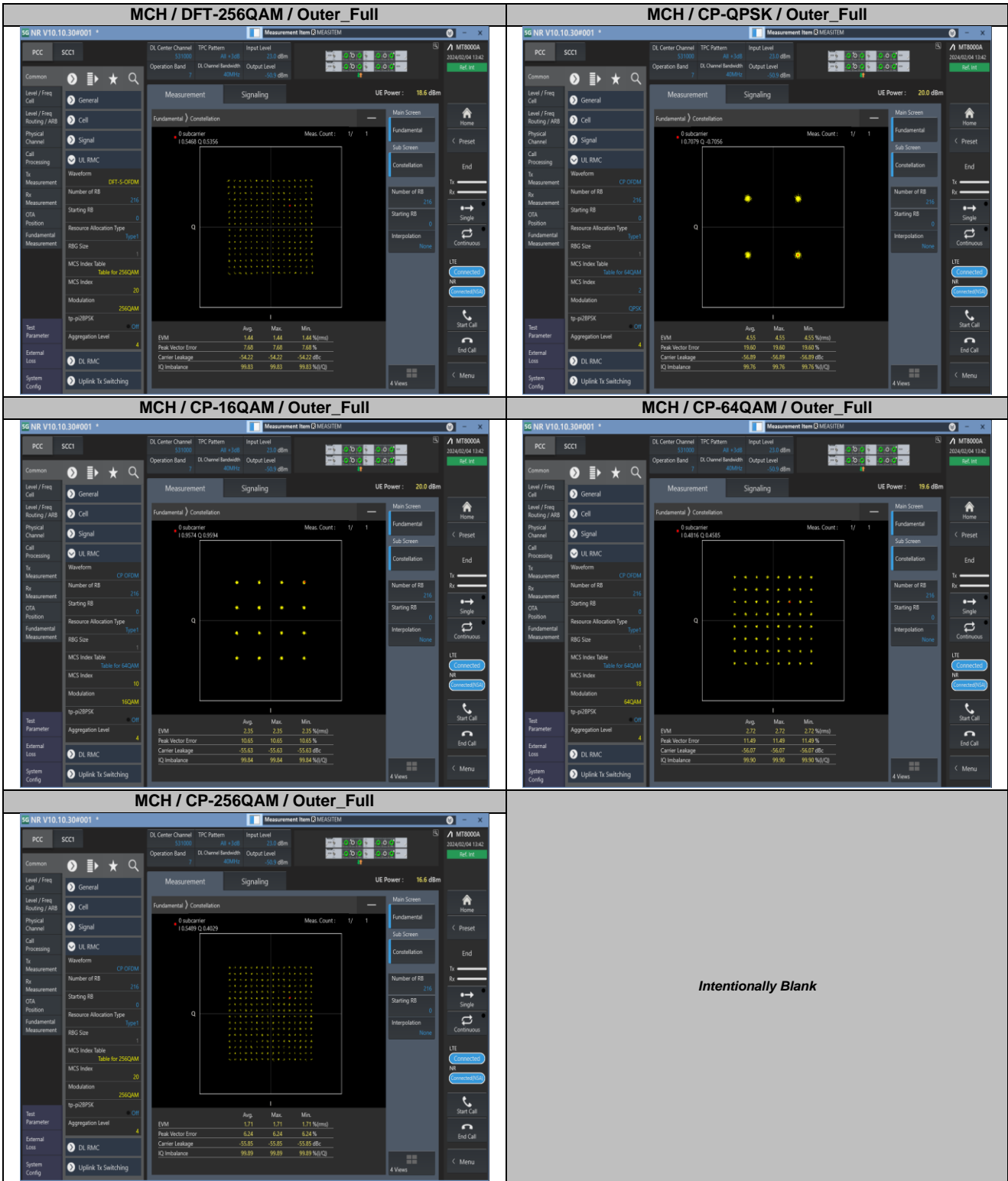




3. Modulation Characteristics

3.1. Test Plots



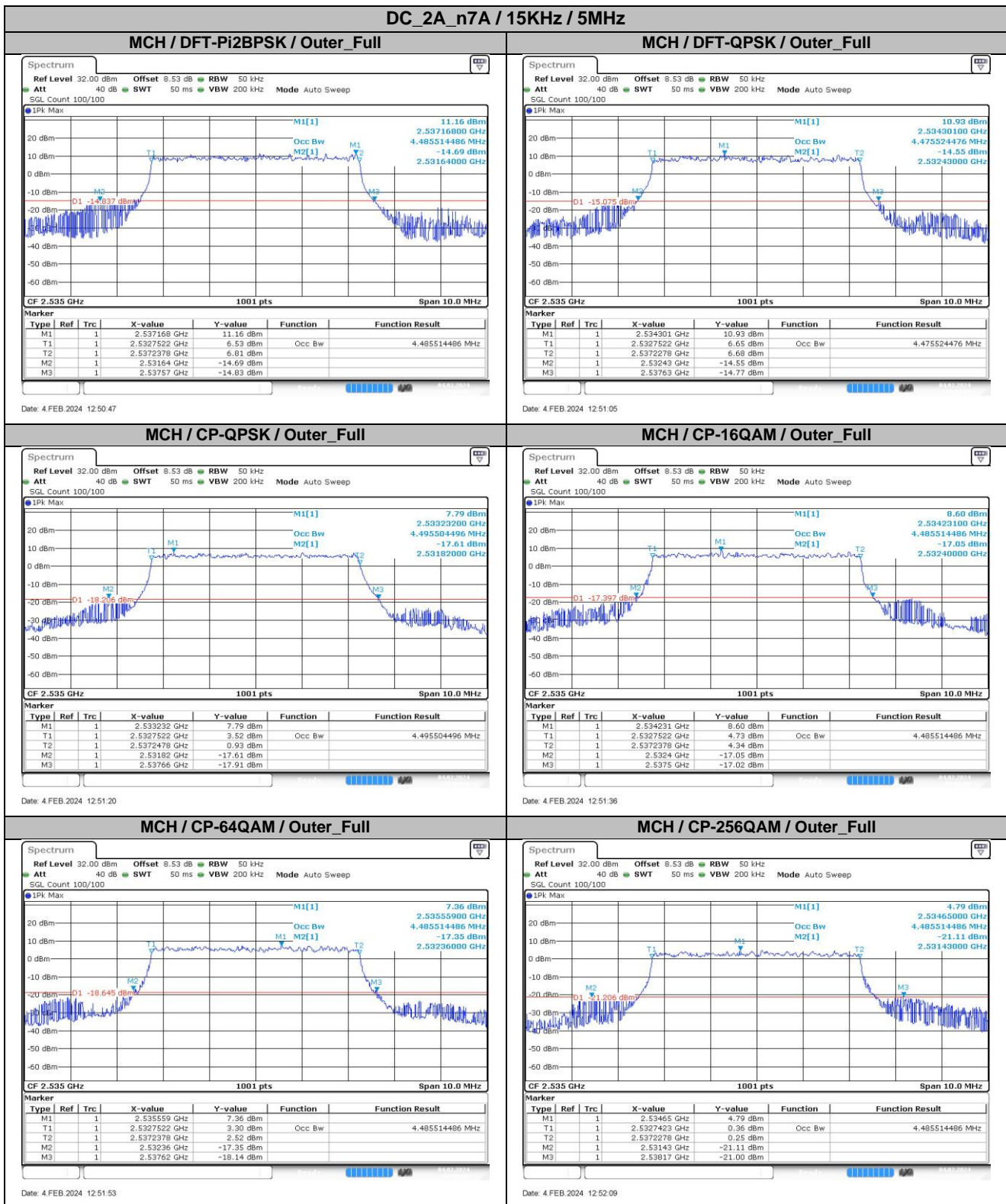


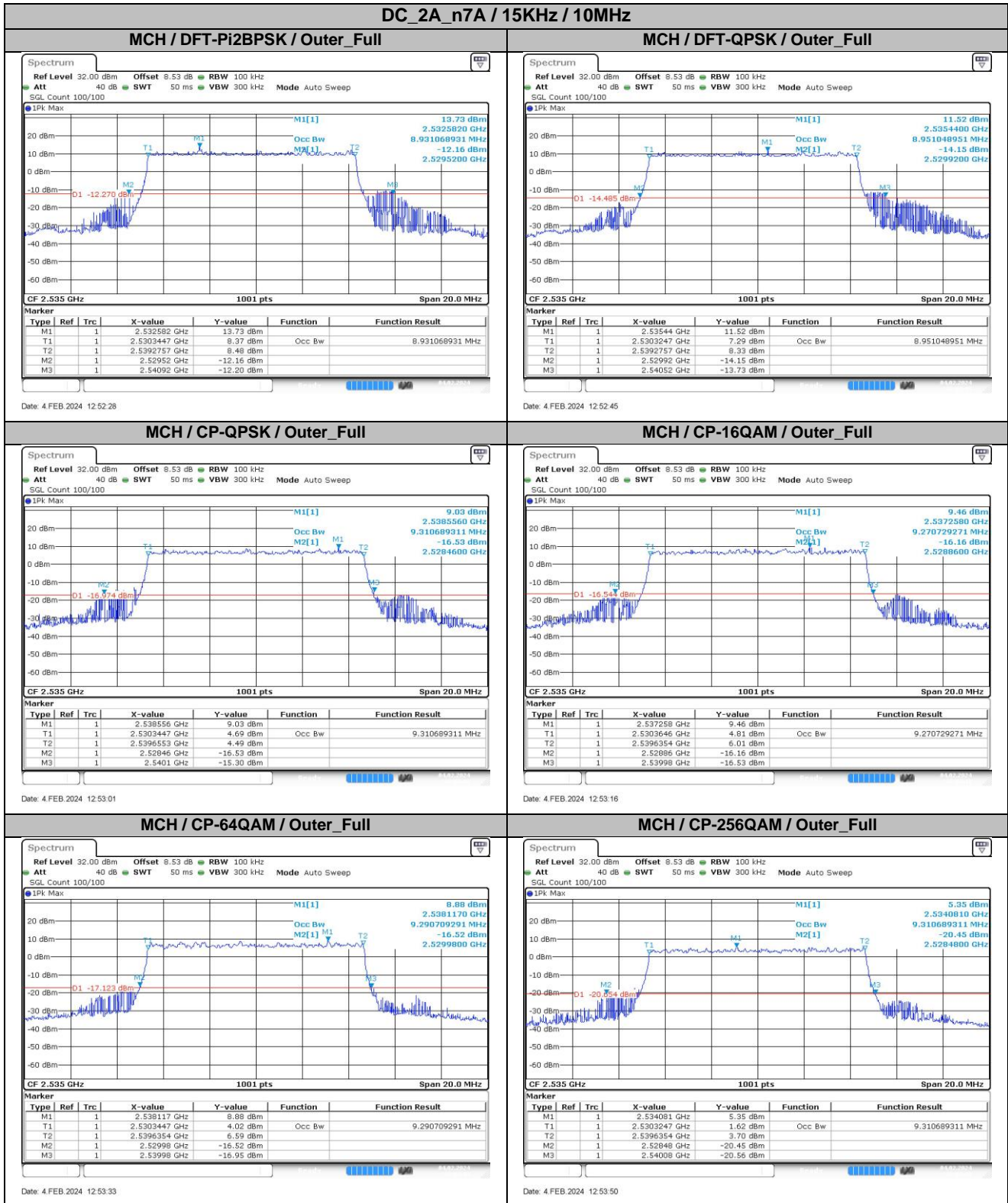
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

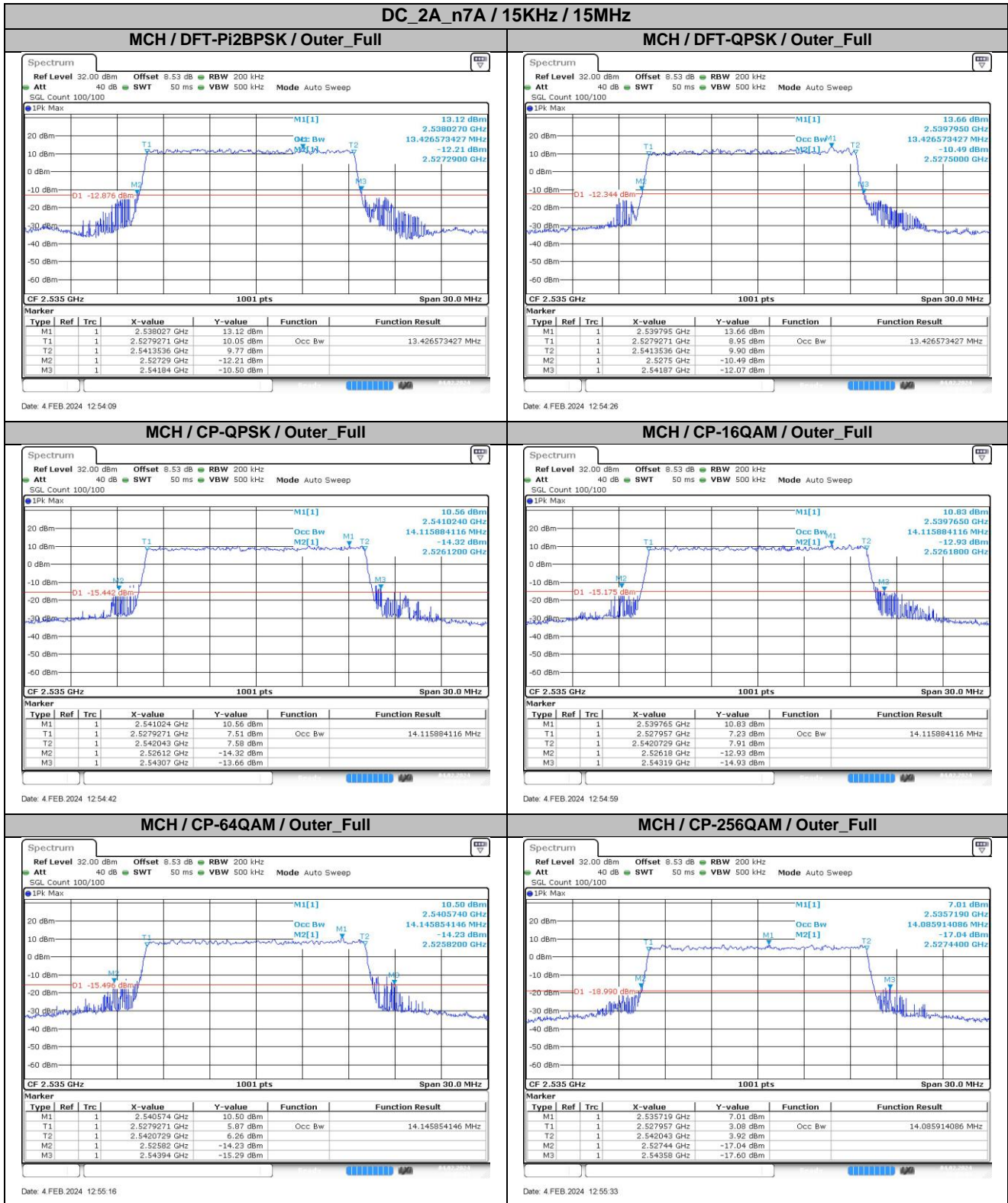
4.1. Test Results

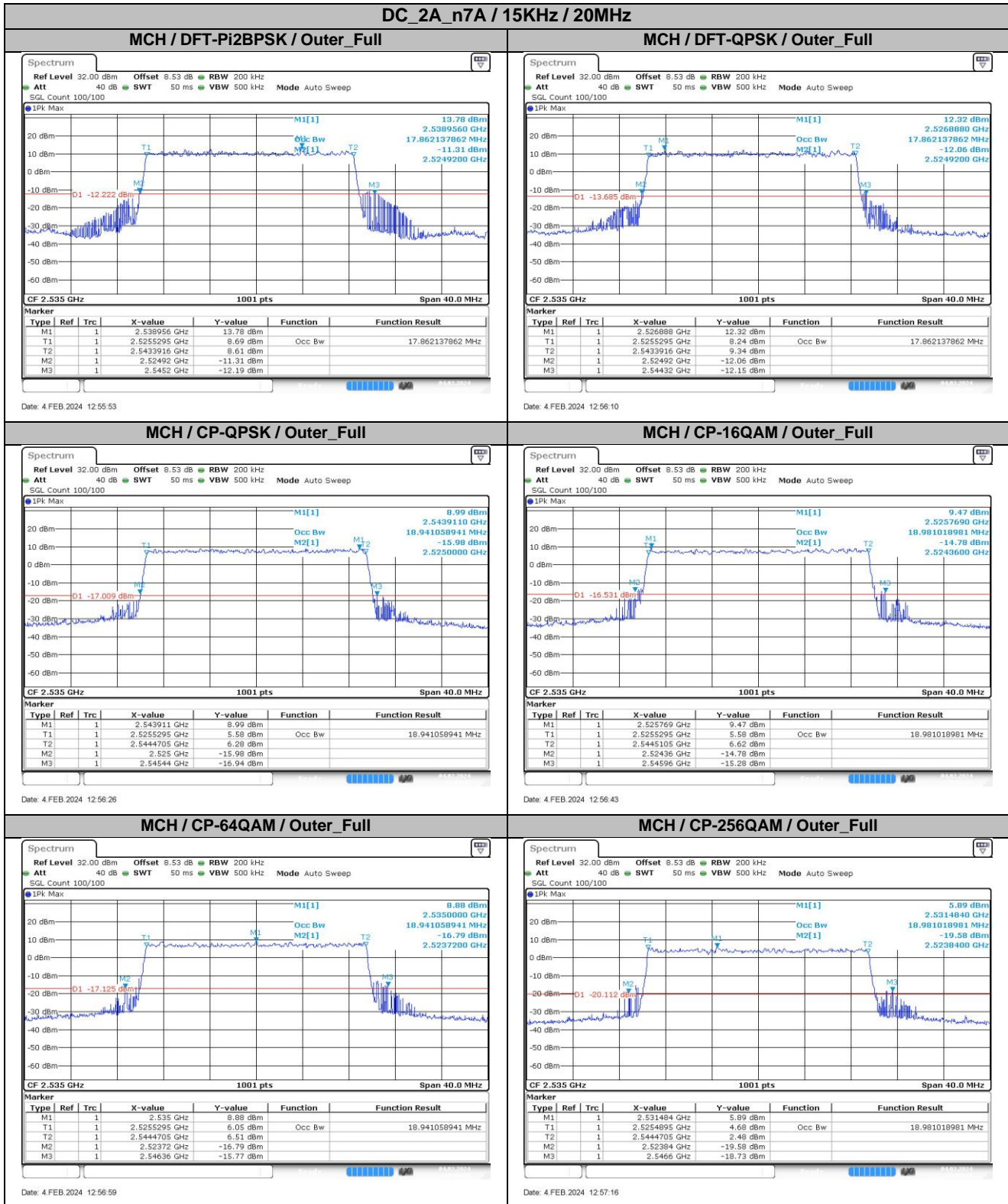
SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.49	5.93	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.48	5.20	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.50	5.84	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.49	5.10	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.49	5.26	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.49	6.74	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.93	11.40	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.95	10.60	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.31	11.64	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.27	11.12	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.29	10.00	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.31	11.60	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.43	14.55	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.43	14.37	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.12	16.95	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.12	17.01	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.15	18.12	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.09	16.14	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.86	20.28	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.86	19.40	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.94	20.44	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.98	21.60	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.94	22.64	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.98	22.76	Pass
15KHz	25MHz	DFT-Pi2BPSK	Outer_Full	22.88	25.40	Pass
15KHz	25MHz	DFT-QPSK	Outer_Full	22.93	25.60	Pass
15KHz	25MHz	CP-QPSK	Outer_Full	23.68	27.60	Pass
15KHz	25MHz	CP-16QAM	Outer_Full	23.73	25.40	Pass
15KHz	25MHz	CP-64QAM	Outer_Full	23.73	27.10	Pass
15KHz	25MHz	CP-256QAM	Outer_Full	23.73	26.10	Pass
15KHz	30MHz	DFT-Pi2BPSK	Outer_Full	28.53	31.86	Pass
15KHz	30MHz	DFT-QPSK	Outer_Full	28.53	29.94	Pass
15KHz	30MHz	CP-QPSK	Outer_Full	28.53	31.86	Pass
15KHz	30MHz	CP-16QAM	Outer_Full	28.53	31.74	Pass
15KHz	30MHz	CP-64QAM	Outer_Full	28.47	30.30	Pass
15KHz	30MHz	CP-256QAM	Outer_Full	28.53	30.72	Pass
15KHz	40MHz	DFT-Pi2BPSK	Outer_Full	38.52	41.84	Pass
15KHz	40MHz	DFT-QPSK	Outer_Full	38.68	40.88	Pass
15KHz	40MHz	CP-QPSK	Outer_Full	38.52	40.40	Pass
15KHz	40MHz	CP-16QAM	Outer_Full	38.52	44.32	Pass
15KHz	40MHz	CP-64QAM	Outer_Full	38.60	42.24	Pass
15KHz	40MHz	CP-256QAM	Outer_Full	38.60	41.52	Pass

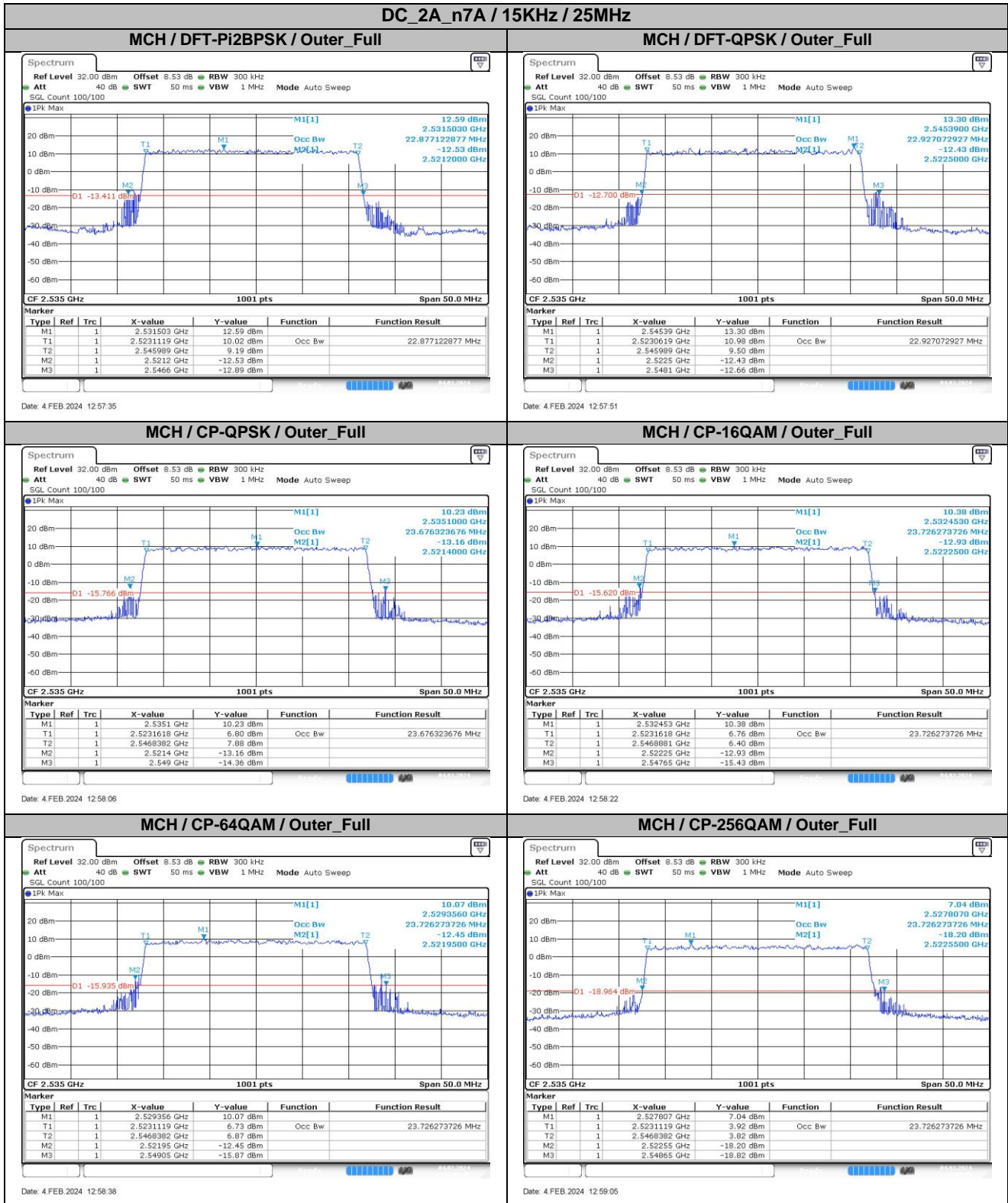
4.2. Test Plots

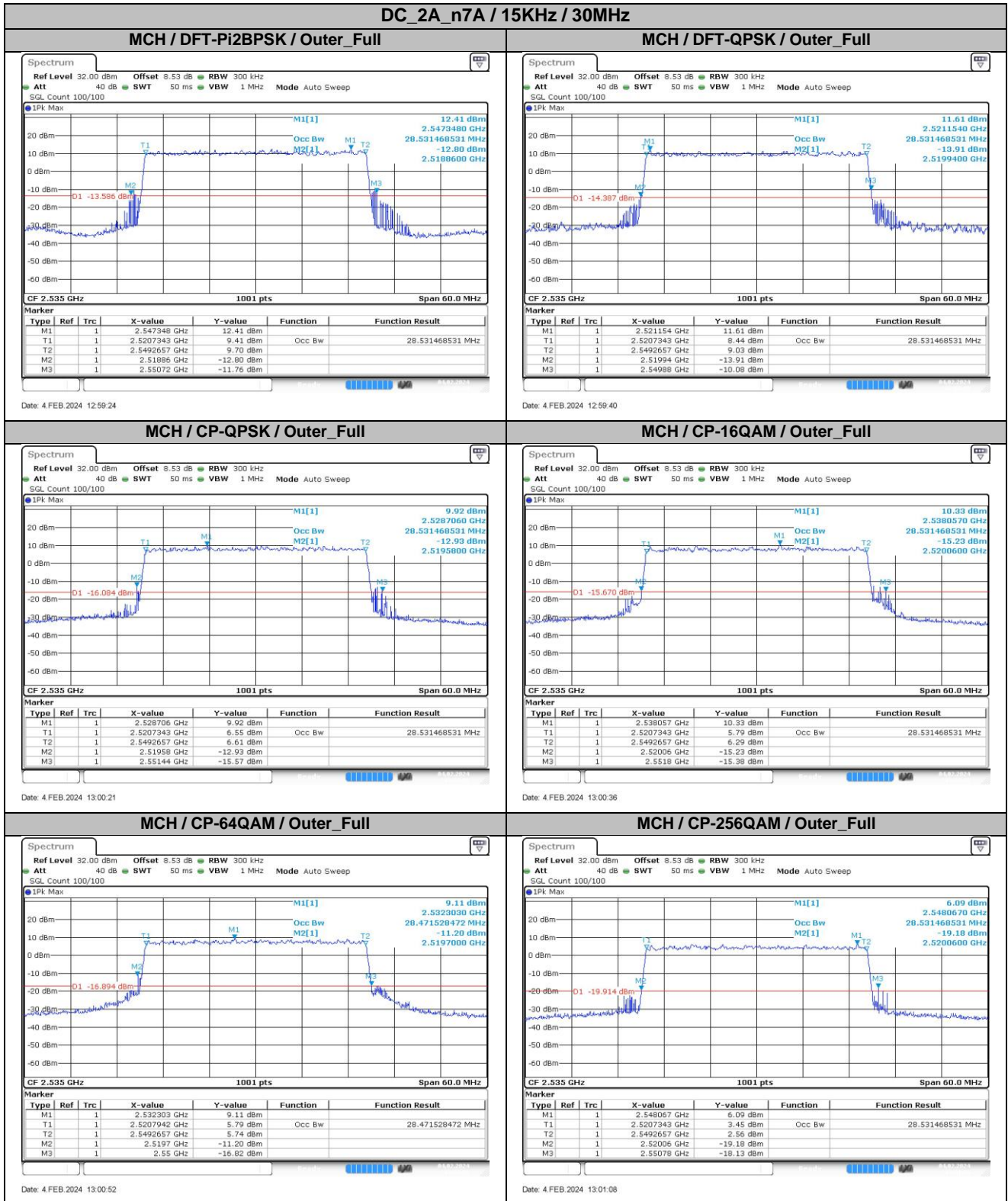


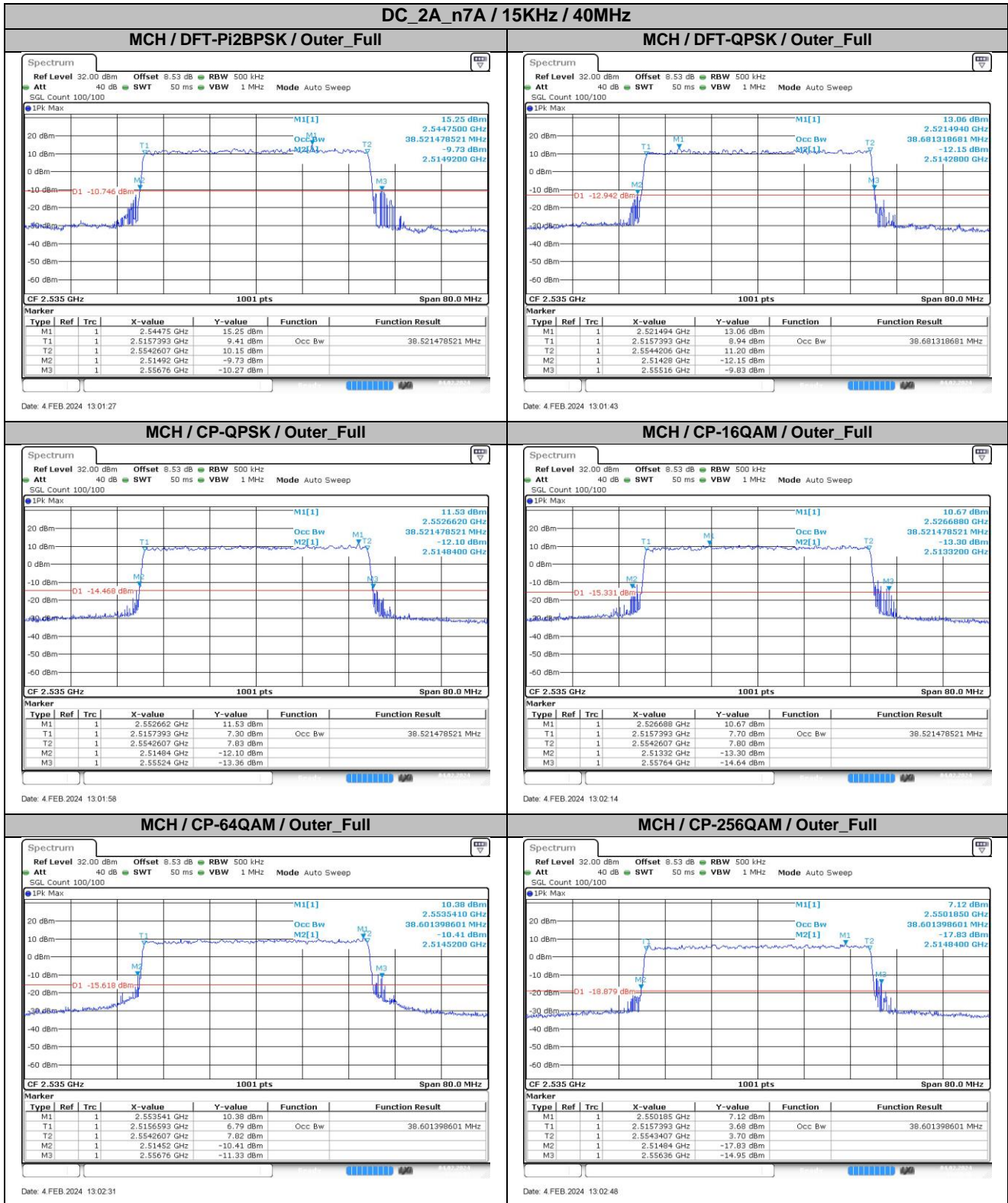












5. Conducted Band Edges

5.1. Test Plots

