

**Appendix
for
DC_66A_n38A
(2570-2620)**

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			
30KHz	10MHz	LCH	DFT-Pi2BPSK	23.36	23.30	23.37	20.89	33.00	Pass
30KHz	10MHz	LCH	DFT-QPSK	23.36	23.27	23.37	20.89	33.00	Pass
30KHz	10MHz	LCH	DFT-16QAM	23.09	22.98	22.86	20.61	33.00	Pass
30KHz	10MHz	LCH	DFT-64QAM	21.58	21.47	21.45	19.10	33.00	Pass
30KHz	10MHz	LCH	DFT-256QAM	19.47	19.43	19.49	17.01	33.00	Pass
30KHz	10MHz	LCH	CP-QPSK	22.42	22.28	22.46	19.98	33.00	Pass
30KHz	10MHz	MCH	DFT-Pi2BPSK	23.38	23.37	23.43	20.95	33.00	Pass
30KHz	10MHz	MCH	DFT-QPSK	23.36	23.38	23.44	20.96	33.00	Pass
30KHz	10MHz	MCH	DFT-16QAM	23.12	23.08	22.94	20.64	33.00	Pass
30KHz	10MHz	MCH	DFT-64QAM	21.62	21.59	21.57	19.14	33.00	Pass
30KHz	10MHz	MCH	DFT-256QAM	19.49	19.55	19.54	17.07	33.00	Pass
30KHz	10MHz	MCH	CP-QPSK	22.55	22.39	22.48	20.07	33.00	Pass
30KHz	10MHz	HCH	DFT-Pi2BPSK	23.46	23.42	23.50	21.02	33.00	Pass
30KHz	10MHz	HCH	DFT-QPSK	23.43	23.38	23.51	21.03	33.00	Pass
30KHz	10MHz	HCH	DFT-16QAM	23.15	23.15	23.07	20.67	33.00	Pass
30KHz	10MHz	HCH	DFT-64QAM	21.66	21.66	21.60	19.18	33.00	Pass
30KHz	10MHz	HCH	DFT-256QAM	19.60	19.49	19.56	17.12	33.00	Pass
30KHz	10MHz	HCH	CP-QPSK	22.56	22.53	22.59	20.11	33.00	Pass
30KHz	15MHz	LCH	DFT-Pi2BPSK	23.41	23.58	23.54	21.10	33.00	Pass
30KHz	15MHz	LCH	DFT-QPSK	23.38	23.53	23.49	21.05	33.00	Pass
30KHz	15MHz	LCH	DFT-16QAM	22.90	23.11	23.10	20.63	33.00	Pass
30KHz	15MHz	LCH	DFT-64QAM	21.59	21.67	21.58	19.19	33.00	Pass
30KHz	15MHz	LCH	DFT-256QAM	19.49	19.65	19.70	17.22	33.00	Pass
30KHz	15MHz	LCH	CP-QPSK	22.46	22.72	22.60	20.24	33.00	Pass
30KHz	15MHz	MCH	DFT-Pi2BPSK	23.52	23.59	23.71	21.23	33.00	Pass
30KHz	15MHz	MCH	DFT-QPSK	23.54	23.56	23.64	21.16	33.00	Pass
30KHz	15MHz	MCH	DFT-16QAM	23.14	23.19	23.19	20.71	33.00	Pass
30KHz	15MHz	MCH	DFT-64QAM	21.64	21.76	21.69	19.28	33.00	Pass
30KHz	15MHz	MCH	DFT-256QAM	19.61	19.69	19.82	17.34	33.00	Pass
30KHz	15MHz	MCH	CP-QPSK	22.57	22.73	22.72	20.25	33.00	Pass
30KHz	15MHz	HCH	DFT-Pi2BPSK	23.63	23.59	23.60	21.15	33.00	Pass
30KHz	15MHz	HCH	DFT-QPSK	23.58	23.54	23.64	21.16	33.00	Pass
30KHz	15MHz	HCH	DFT-16QAM	23.09	23.15	23.21	20.73	33.00	Pass
30KHz	15MHz	HCH	DFT-64QAM	21.70	21.71	21.70	19.23	33.00	Pass
30KHz	15MHz	HCH	DFT-256QAM	19.70	19.68	19.78	17.30	33.00	Pass
30KHz	15MHz	HCH	CP-QPSK	22.68	22.69	22.71	20.23	33.00	Pass
30KHz	20MHz	LCH	DFT-Pi2BPSK	23.39	23.58	23.56	21.10	33.00	Pass
30KHz	20MHz	LCH	DFT-QPSK	23.27	23.53	23.39	21.05	33.00	Pass
30KHz	20MHz	LCH	DFT-16QAM	22.92	22.96	23.09	20.61	33.00	Pass
30KHz	20MHz	LCH	DFT-64QAM	21.61	21.69	21.54	19.21	33.00	Pass
30KHz	20MHz	LCH	DFT-256QAM	19.48	19.61	19.51	17.13	33.00	Pass
30KHz	20MHz	LCH	CP-QPSK	22.33	22.54	22.52	20.06	33.00	Pass
30KHz	20MHz	MCH	DFT-Pi2BPSK	23.50	23.60	23.61	21.13	33.00	Pass
30KHz	20MHz	MCH	DFT-QPSK	23.42	23.56	23.60	21.12	33.00	Pass
30KHz	20MHz	MCH	DFT-16QAM	23.11	23.18	23.24	20.76	33.00	Pass
30KHz	20MHz	MCH	DFT-64QAM	21.70	21.98	21.75	19.50	33.00	Pass
30KHz	20MHz	MCH	DFT-256QAM	19.62	19.72	19.74	17.26	33.00	Pass
30KHz	20MHz	MCH	CP-QPSK	22.49	22.73	22.70	20.25	33.00	Pass
30KHz	20MHz	HCH	DFT-Pi2BPSK	23.58	23.59	23.64	21.16	33.00	Pass
30KHz	20MHz	HCH	DFT-QPSK	23.55	23.54	23.62	21.14	33.00	Pass
30KHz	20MHz	HCH	DFT-16QAM	23.20	23.09	23.24	20.76	33.00	Pass
30KHz	20MHz	HCH	DFT-64QAM	21.78	21.77	21.71	19.30	33.00	Pass
30KHz	20MHz	HCH	DFT-256QAM	19.73	19.70	19.70	17.25	33.00	Pass
30KHz	20MHz	HCH	CP-QPSK	22.67	22.64	22.72	20.24	33.00	Pass
30KHz	30MHz	LCH	DFT-Pi2BPSK	23.46	23.80	23.53	21.32	33.00	Pass
30KHz	30MHz	LCH	DFT-QPSK	23.35	23.67	23.49	21.19	33.00	Pass
30KHz	30MHz	LCH	DFT-16QAM	22.95	23.23	23.10	20.75	33.00	Pass
30KHz	30MHz	LCH	DFT-64QAM	21.61	21.90	21.60	19.42	33.00	Pass

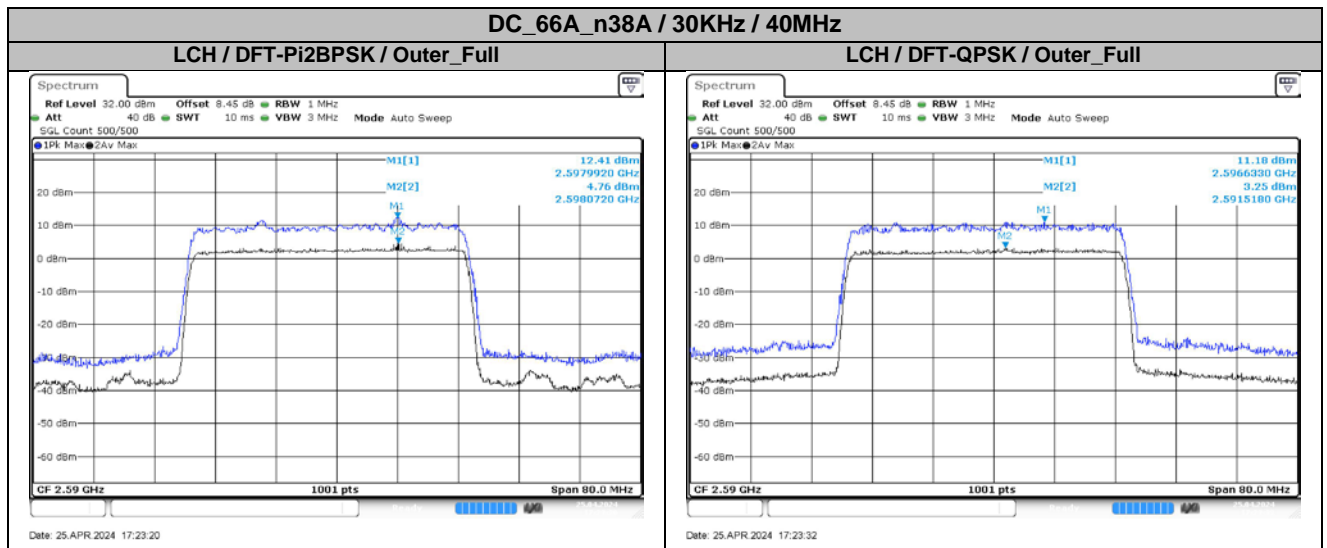
30KHz	30MHz	LCH	DFT-256QAM	19.48	19.71	19.66	17.23	33.00	Pass
30KHz	30MHz	LCH	CP-QPSK	22.45	22.97	22.58	20.49	33.00	Pass
30KHz	30MHz	MCH	DFT-Pi2BPSK	23.53	23.77	23.59	21.29	33.00	Pass
30KHz	30MHz	MCH	DFT-QPSK	23.49	23.77	23.59	21.29	33.00	Pass
30KHz	30MHz	MCH	DFT-16QAM	23.13	23.28	23.18	20.80	33.00	Pass
30KHz	30MHz	MCH	DFT-64QAM	21.66	22.02	21.71	19.54	33.00	Pass
30KHz	30MHz	MCH	DFT-256QAM	19.64	19.85	19.70	17.37	33.00	Pass
30KHz	30MHz	MCH	CP-QPSK	22.74	23.04	22.63	20.56	33.00	Pass
30KHz	30MHz	HCH	DFT-Pi2BPSK	23.58	23.73	23.69	21.25	33.00	Pass
30KHz	30MHz	HCH	DFT-QPSK	23.55	23.76	23.75	21.28	33.00	Pass
30KHz	30MHz	HCH	DFT-16QAM	23.20	23.33	23.20	20.85	33.00	Pass
30KHz	30MHz	HCH	DFT-64QAM	21.74	21.92	21.85	19.44	33.00	Pass
30KHz	30MHz	HCH	DFT-256QAM	19.73	19.91	19.85	17.43	33.00	Pass
30KHz	30MHz	HCH	CP-QPSK	22.68	22.89	22.82	20.41	33.00	Pass
30KHz	40MHz	LCH	DFT-Pi2BPSK	23.53	23.86	23.60	21.38	33.00	Pass
30KHz	40MHz	LCH	DFT-QPSK	23.37	23.75	23.63	21.27	33.00	Pass
30KHz	40MHz	LCH	DFT-16QAM	23.20	23.38	23.14	20.90	33.00	Pass
30KHz	40MHz	LCH	DFT-64QAM	21.67	22.04	21.71	19.56	33.00	Pass
30KHz	40MHz	LCH	DFT-256QAM	19.53	19.95	19.79	17.47	33.00	Pass
30KHz	40MHz	LCH	CP-QPSK	22.48	22.85	22.70	20.37	33.00	Pass
30KHz	40MHz	MCH	DFT-Pi2BPSK	23.47	23.80	23.64	21.32	33.00	Pass
30KHz	40MHz	MCH	DFT-QPSK	23.47	23.72	23.65	21.24	33.00	Pass
30KHz	40MHz	MCH	DFT-16QAM	23.15	23.36	23.21	20.88	33.00	Pass
30KHz	40MHz	MCH	DFT-64QAM	21.73	22.11	21.70	19.63	33.00	Pass
30KHz	40MHz	MCH	DFT-256QAM	19.60	20.00	19.78	17.52	33.00	Pass
30KHz	40MHz	MCH	CP-QPSK	22.56	22.79	22.71	20.31	33.00	Pass
30KHz	40MHz	HCH	DFT-Pi2BPSK	23.45	23.72	23.62	21.24	33.00	Pass
30KHz	40MHz	HCH	DFT-QPSK	23.39	23.68	23.64	21.20	33.00	Pass
30KHz	40MHz	HCH	DFT-16QAM	23.04	23.39	23.21	20.91	33.00	Pass
30KHz	40MHz	HCH	DFT-64QAM	21.77	21.98	21.69	19.50	33.00	Pass
30KHz	40MHz	HCH	DFT-256QAM	19.49	19.88	19.72	17.40	33.00	Pass
30KHz	40MHz	HCH	CP-QPSK	22.46	22.87	22.71	20.39	33.00	Pass

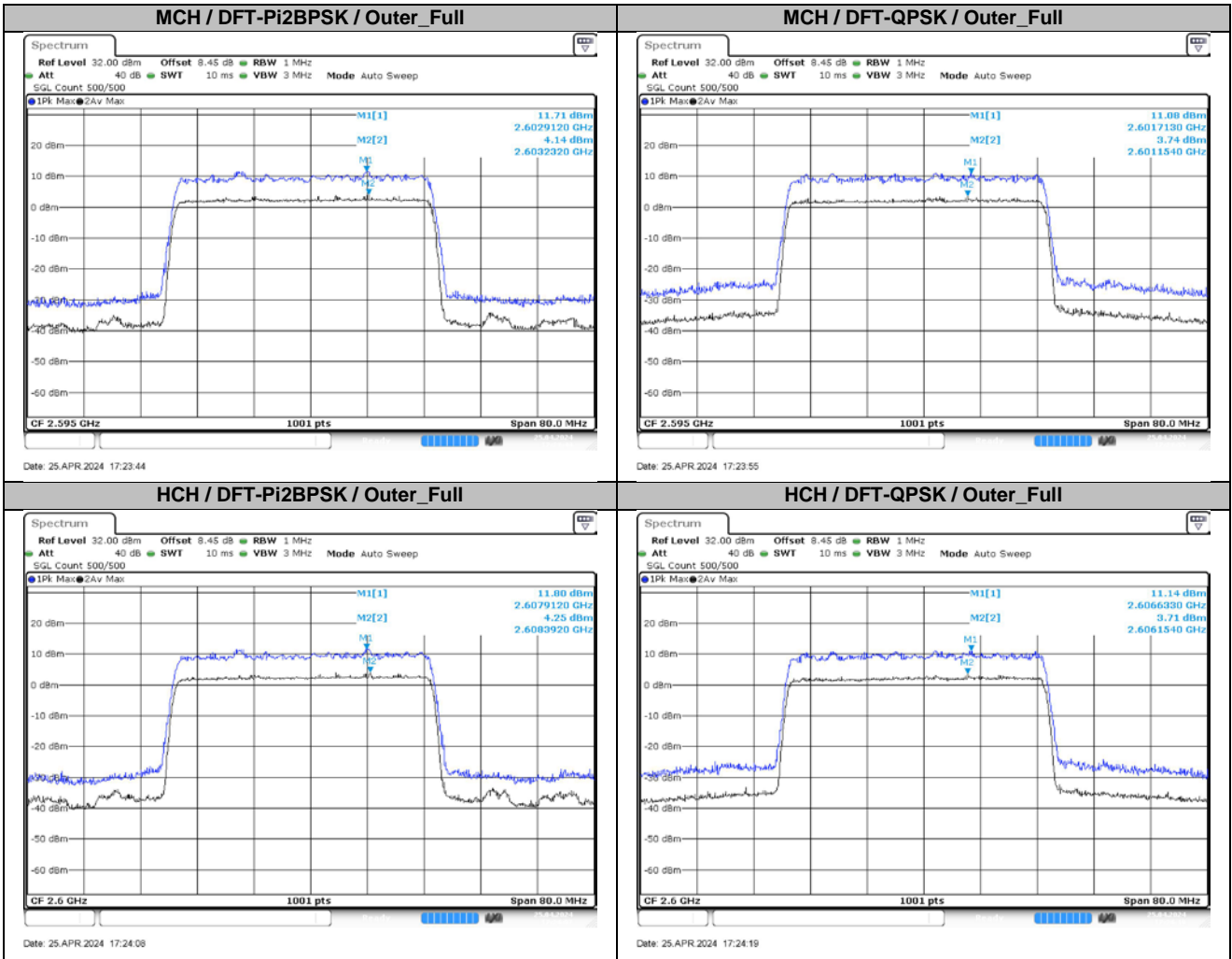
2. Peak-to-Average Ratio

2.1. Test Results

SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
30KHz	40MHz	LCH	Outer_Full	7.65	7.93	13.00	Pass
30KHz	40MHz	MCH	Outer_Full	7.57	7.33	13.00	Pass
30KHz	40MHz	HCH	Outer_Full	7.55	7.43	13.00	Pass

2.2. Test Plots

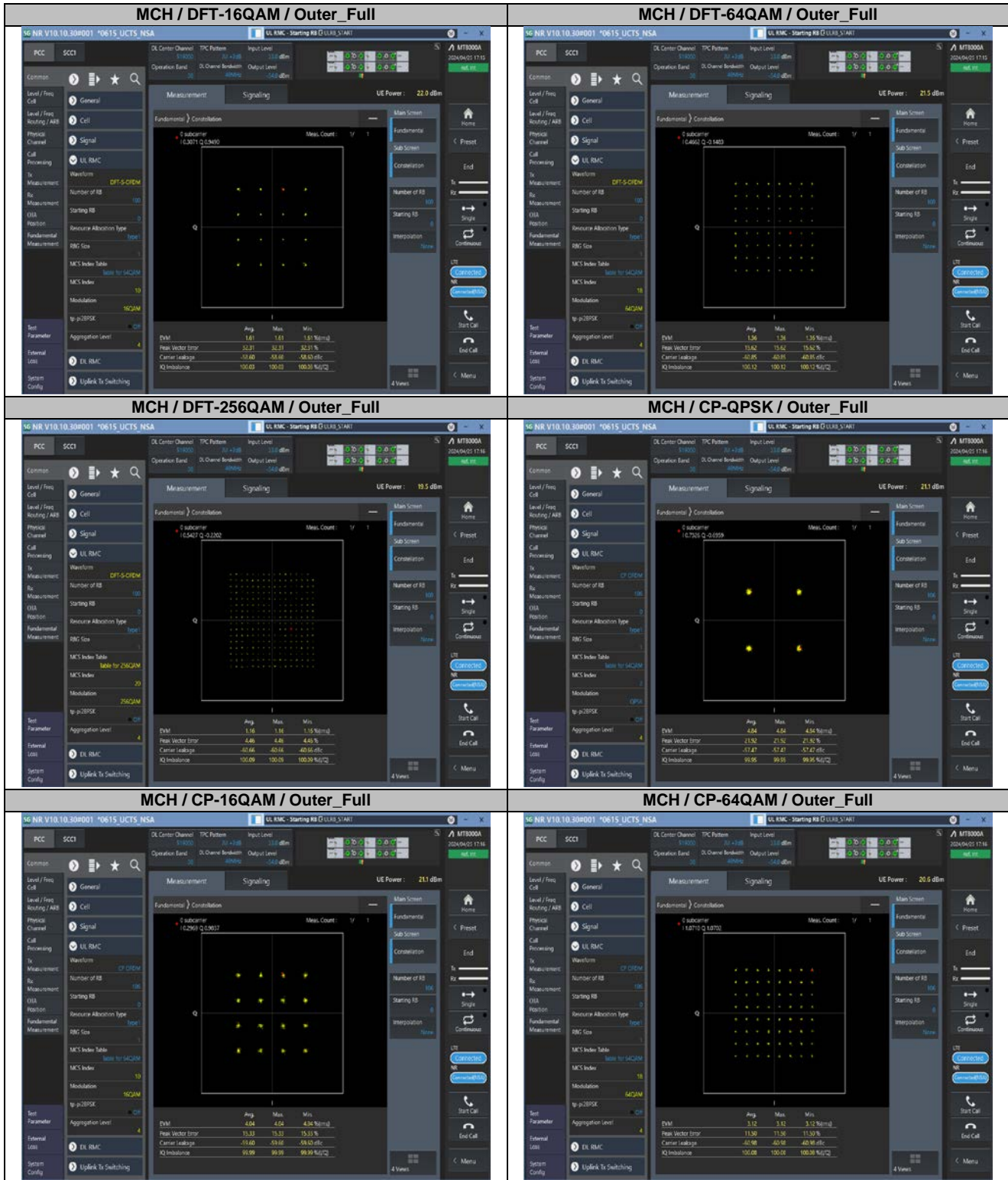


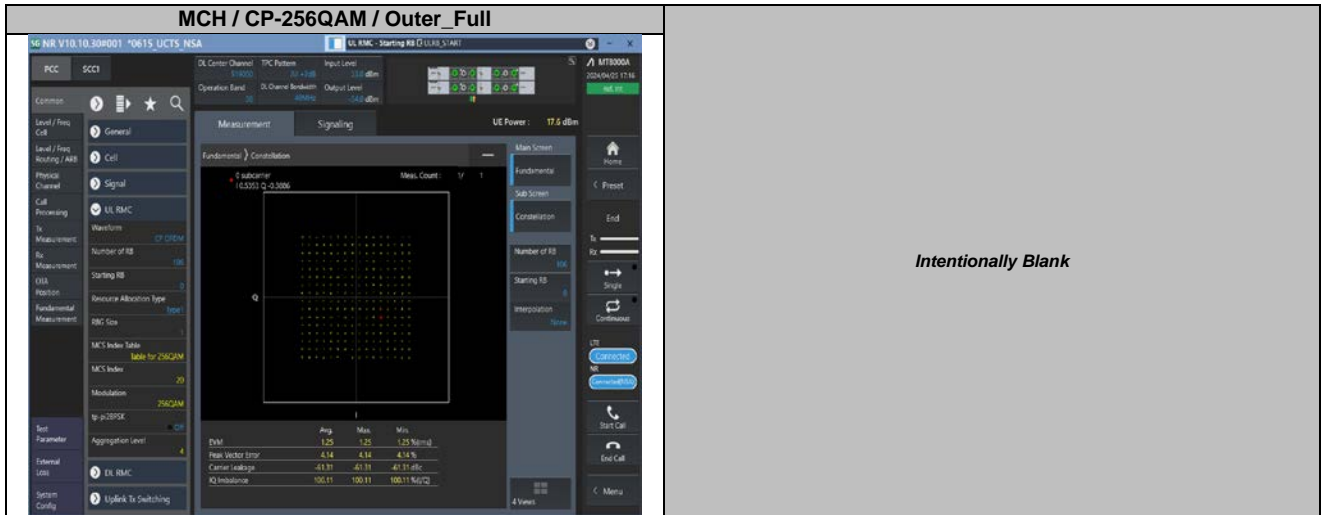


3. Modulation Characteristics

3.1. Test Plots





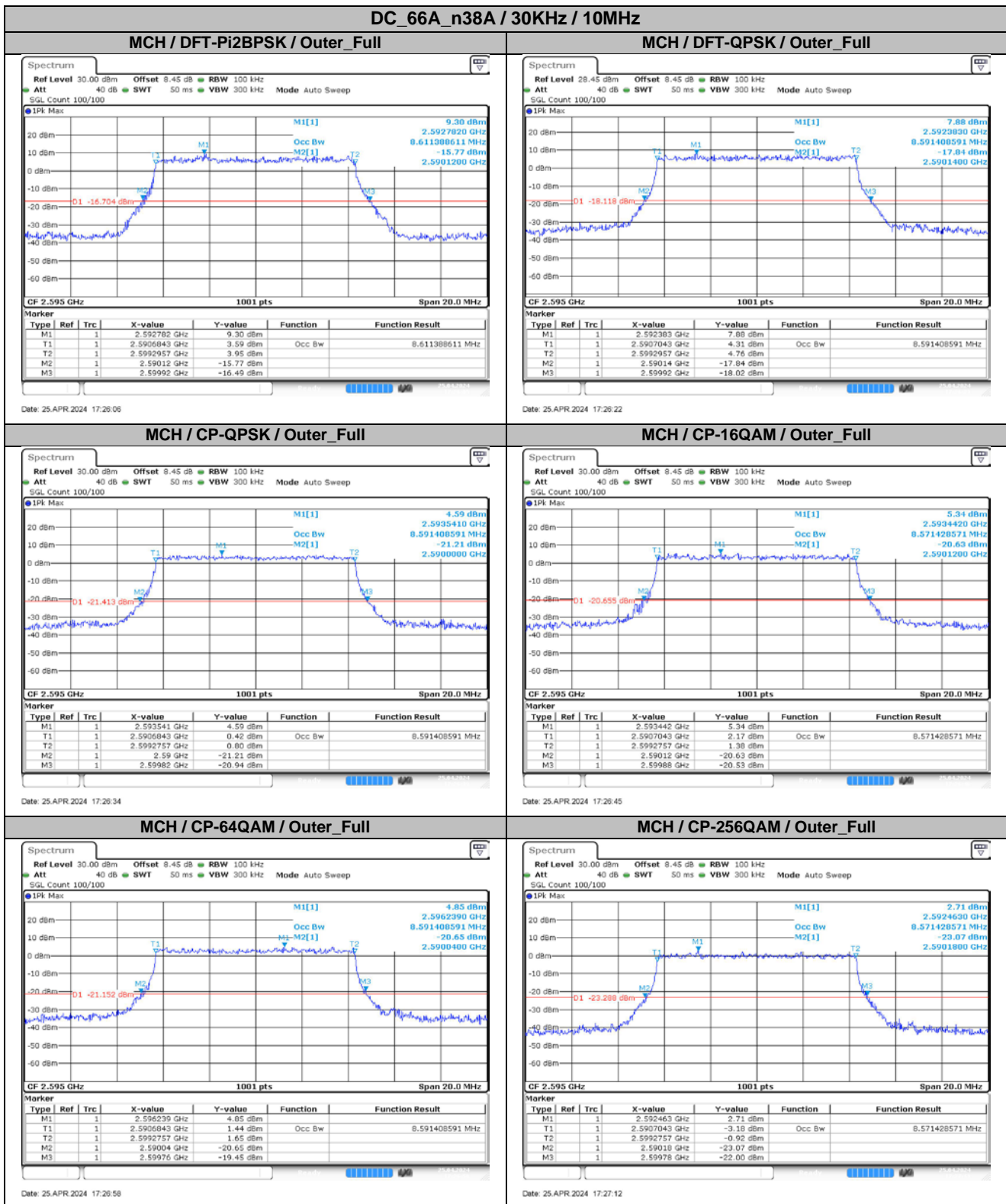


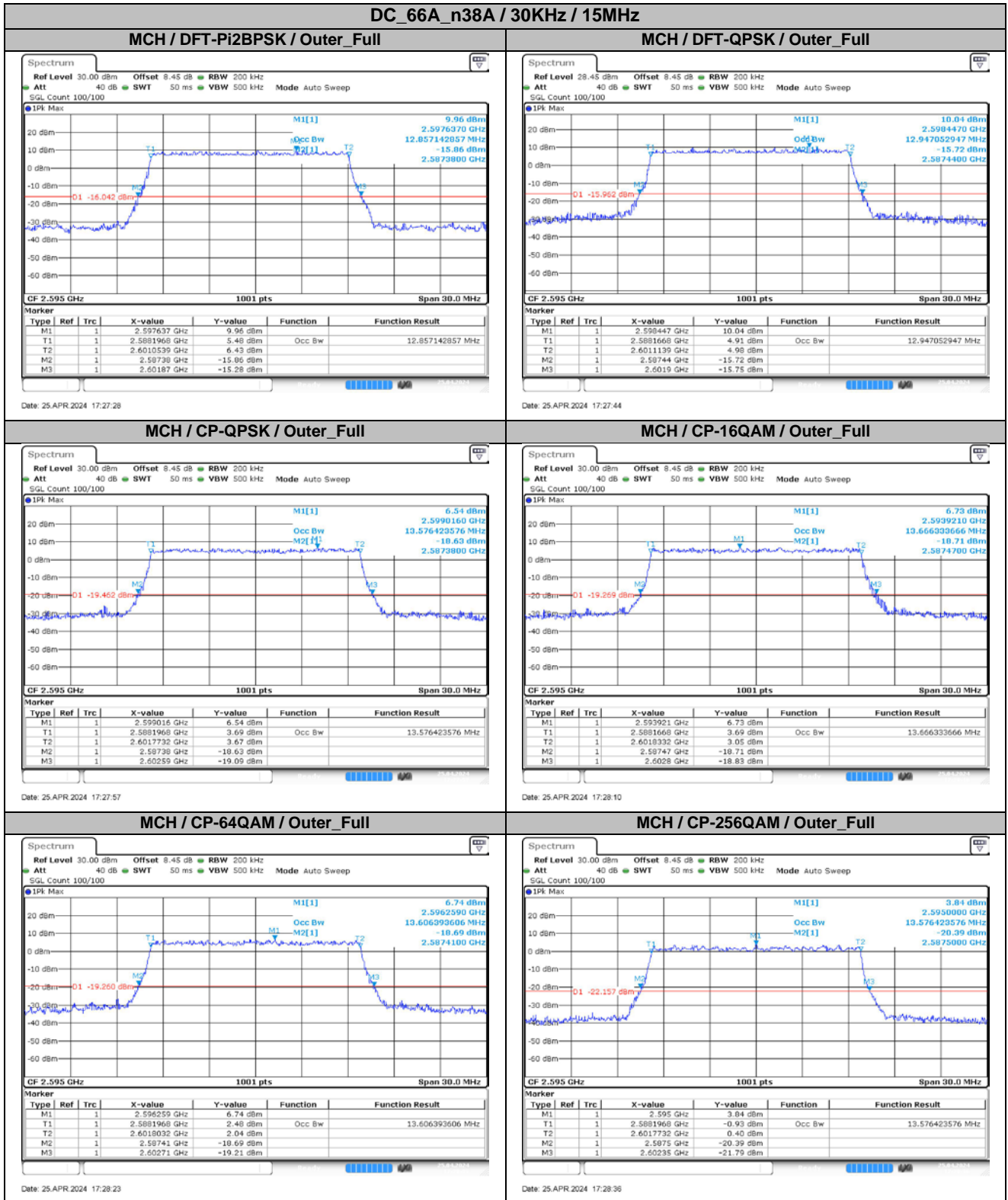
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

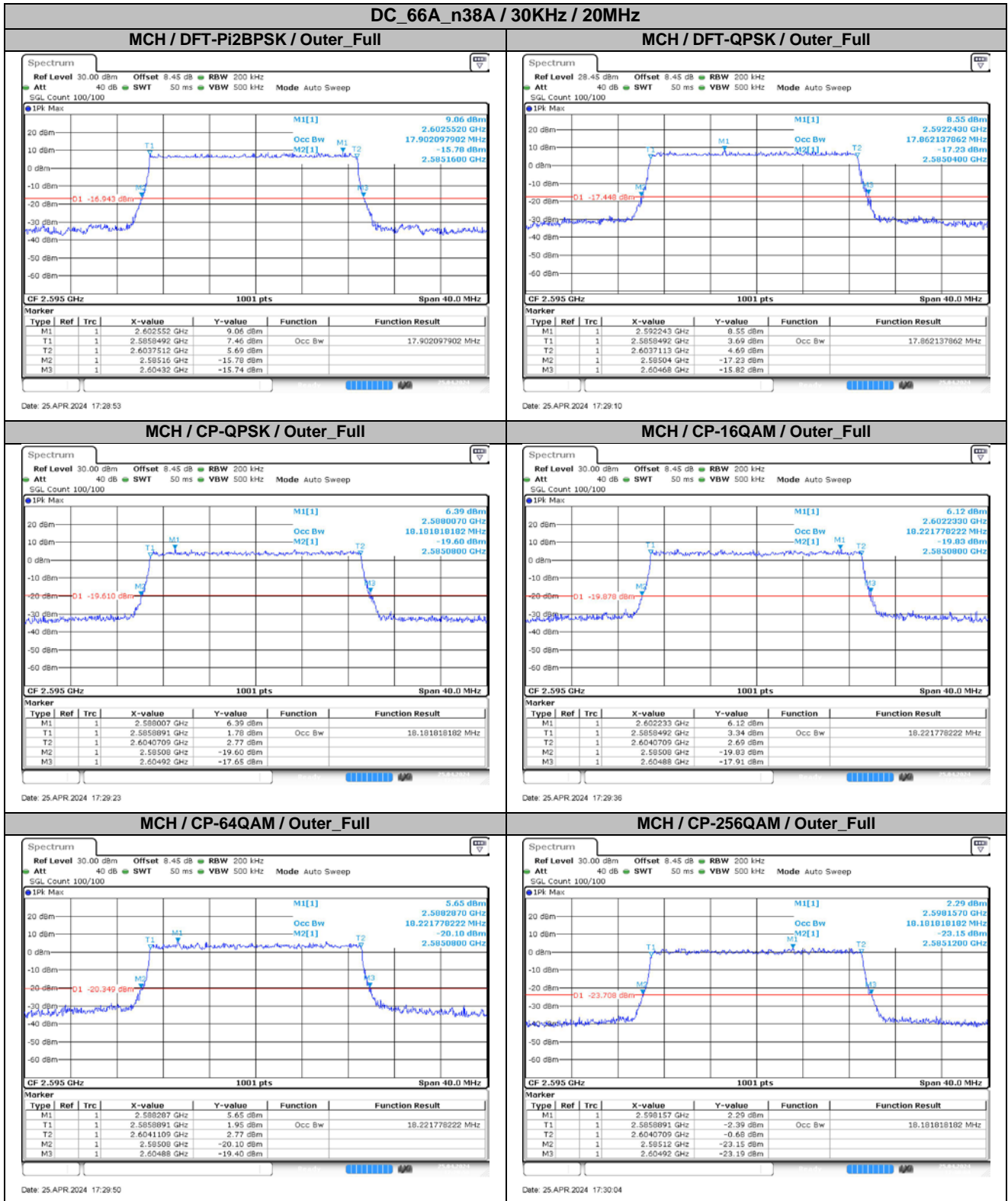
4.1. Test Results

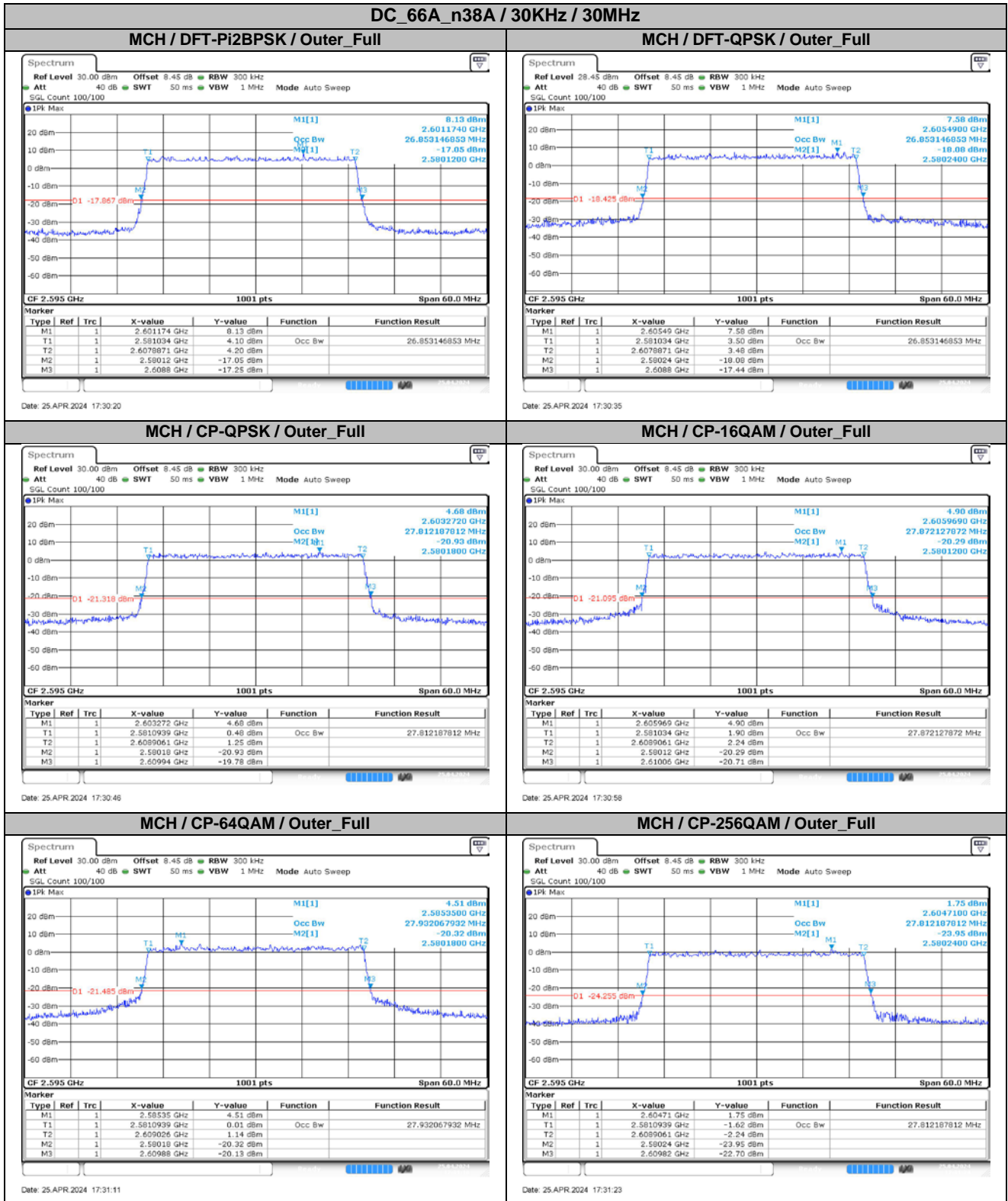
SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
30KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.61	9.80	Pass
30KHz	10MHz	DFT-QPSK	Outer_Full	8.59	9.78	Pass
30KHz	10MHz	CP-QPSK	Outer_Full	8.59	9.82	Pass
30KHz	10MHz	CP-16QAM	Outer_Full	8.57	9.76	Pass
30KHz	10MHz	CP-64QAM	Outer_Full	8.59	9.72	Pass
30KHz	10MHz	CP-256QAM	Outer_Full	8.57	9.60	Pass
30KHz	15MHz	DFT-Pi2BPSK	Outer_Full	12.86	14.49	Pass
30KHz	15MHz	DFT-QPSK	Outer_Full	12.95	14.46	Pass
30KHz	15MHz	CP-QPSK	Outer_Full	13.58	15.21	Pass
30KHz	15MHz	CP-16QAM	Outer_Full	13.67	15.33	Pass
30KHz	15MHz	CP-64QAM	Outer_Full	13.61	15.30	Pass
30KHz	15MHz	CP-256QAM	Outer_Full	13.58	14.85	Pass
30KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.90	19.16	Pass
30KHz	20MHz	DFT-QPSK	Outer_Full	17.86	19.64	Pass
30KHz	20MHz	CP-QPSK	Outer_Full	18.18	19.84	Pass
30KHz	20MHz	CP-16QAM	Outer_Full	18.22	19.80	Pass
30KHz	20MHz	CP-64QAM	Outer_Full	18.22	19.80	Pass
30KHz	20MHz	CP-256QAM	Outer_Full	18.18	19.80	Pass
30KHz	30MHz	DFT-Pi2BPSK	Outer_Full	26.85	28.68	Pass
30KHz	30MHz	DFT-QPSK	Outer_Full	26.85	28.56	Pass
30KHz	30MHz	CP-QPSK	Outer_Full	27.81	29.76	Pass
30KHz	30MHz	CP-16QAM	Outer_Full	27.87	29.94	Pass
30KHz	30MHz	CP-64QAM	Outer_Full	27.93	29.70	Pass
30KHz	30MHz	CP-256QAM	Outer_Full	27.81	29.58	Pass
30KHz	40MHz	DFT-Pi2BPSK	Outer_Full	35.64	37.84	Pass
30KHz	40MHz	DFT-QPSK	Outer_Full	35.72	37.68	Pass
30KHz	40MHz	CP-QPSK	Outer_Full	37.80	40.08	Pass
30KHz	40MHz	CP-16QAM	Outer_Full	37.80	40.00	Pass
30KHz	40MHz	CP-64QAM	Outer_Full	37.88	40.16	Pass
30KHz	40MHz	CP-256QAM	Outer_Full	37.80	40.16	Pass

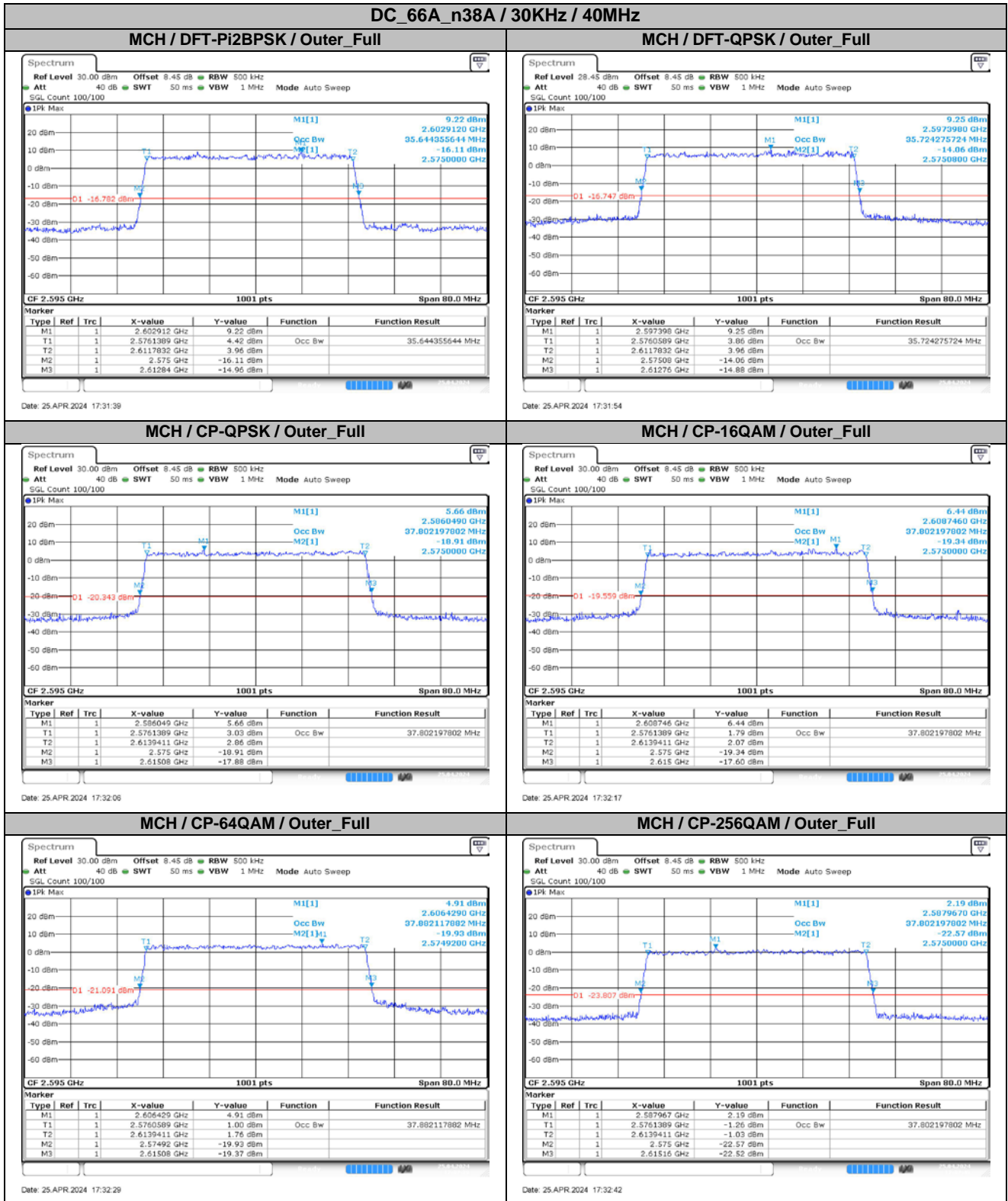
4.2. Test Plots











5. Conducted Band Edges

5.1. Test Plots

