

**Appendix
for
n66A
(1710-1780)**

Catalogue

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant1 (Antenna Gain=-1.25dBi)

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	22.75	22.75	22.71	21.50	30.00	Pass
15KHz	5MHz	LCH	DFT-QPSK	22.67	22.71	22.75	21.50	30.00	Pass
15KHz	5MHz	LCH	DFT-16QAM	21.79	21.79	21.86	20.61	30.00	Pass
15KHz	5MHz	LCH	DFT-64QAM	20.45	20.46	20.34	19.21	30.00	Pass
15KHz	5MHz	LCH	DFT-256QAM	17.69	17.64	18.20	16.95	30.00	Pass
15KHz	5MHz	LCH	CP-QPSK	21.21	21.12	21.14	19.96	30.00	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	22.54	22.61	22.50	21.36	30.00	Pass
15KHz	5MHz	MCH	DFT-QPSK	22.51	22.47	22.48	21.26	30.00	Pass
15KHz	5MHz	MCH	DFT-16QAM	21.62	21.55	21.63	20.38	30.00	Pass
15KHz	5MHz	MCH	DFT-64QAM	20.17	20.19	20.14	18.94	30.00	Pass
15KHz	5MHz	MCH	DFT-256QAM	17.52	17.51	18.04	16.79	30.00	Pass
15KHz	5MHz	MCH	CP-QPSK	21.05	21.03	21.11	19.86	30.00	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	22.58	22.67	22.67	21.42	30.00	Pass
15KHz	5MHz	HCH	DFT-QPSK	22.57	22.58	22.62	21.37	30.00	Pass
15KHz	5MHz	HCH	DFT-16QAM	21.70	21.65	21.77	20.52	30.00	Pass
15KHz	5MHz	HCH	DFT-64QAM	20.18	20.42	20.16	19.17	30.00	Pass
15KHz	5MHz	HCH	DFT-256QAM	17.54	17.64	18.13	16.88	30.00	Pass
15KHz	5MHz	HCH	CP-QPSK	21.07	21.03	21.24	19.99	30.00	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	22.61	22.72	22.66	21.47	30.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	22.63	22.74	22.68	21.49	30.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	21.76	21.77	21.67	20.52	30.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	20.40	20.39	20.28	19.15	30.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	17.59	17.69	18.13	16.88	30.00	Pass
15KHz	10MHz	LCH	CP-QPSK	21.00	21.18	21.05	19.93	30.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	22.63	22.66	22.59	21.41	30.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	22.61	22.63	22.61	21.38	30.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	21.55	21.66	21.71	20.46	30.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	20.17	20.39	20.19	19.14	30.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	17.52	17.61	18.06	16.81	30.00	Pass
15KHz	10MHz	MCH	CP-QPSK	21.03	21.10	21.06	19.85	30.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	22.69	22.58	22.66	21.44	30.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	22.62	22.58	22.64	21.39	30.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	21.61	21.67	21.65	20.42	30.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	20.30	20.36	20.20	19.11	30.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	17.57	17.59	18.03	16.78	30.00	Pass
15KHz	10MHz	HCH	CP-QPSK	21.05	21.04	21.06	19.81	30.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	22.86	22.84	22.83	21.61	30.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	22.90	22.96	22.86	21.71	30.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	21.88	21.97	21.93	20.72	30.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	20.57	20.52	20.40	19.32	30.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	17.67	17.83	18.31	17.06	30.00	Pass
15KHz	15MHz	LCH	CP-QPSK	21.20	21.36	21.32	20.11	30.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	22.68	22.85	22.82	21.60	30.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	22.65	22.90	22.69	21.65	30.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	21.62	21.85	21.68	20.60	30.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	20.37	20.47	20.26	19.22	30.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	17.65	17.76	18.07	16.82	30.00	Pass
15KHz	15MHz	MCH	CP-QPSK	21.03	21.24	21.13	19.99	30.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	22.78	22.79	22.76	21.54	30.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	22.73	22.84	22.79	21.59	30.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	21.81	21.83	21.81	20.58	30.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	20.44	20.49	20.31	19.24	30.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	17.75	17.79	18.19	16.94	30.00	Pass
15KHz	15MHz	HCH	CP-QPSK	21.25	21.33	21.28	20.08	30.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	22.94	22.91	22.86	21.69	30.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	22.92	22.94	22.88	21.69	30.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	21.90	21.93	21.84	20.68	30.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	20.61	20.53	20.45	19.36	30.00	Pass

15KHz	20MHz	LCH	DFT-256QAM	17.83	17.79	18.43	17.18	30.00	Pass
15KHz	20MHz	LCH	CP-QPSK	21.39	21.34	21.41	20.16	30.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	22.76	22.83	22.81	21.58	30.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	22.75	22.88	22.75	21.63	30.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	21.69	21.86	21.78	20.61	30.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	20.36	20.52	20.30	19.27	30.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	18.39	18.16	18.31	17.14	30.00	Pass
15KHz	20MHz	MCH	CP-QPSK	21.69	21.20	21.26	20.44	30.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	22.82	22.82	22.80	21.57	30.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	22.76	22.85	22.79	21.60	30.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	21.91	21.88	21.80	20.66	30.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	20.45	20.56	20.31	19.31	30.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	17.80	17.87	18.33	17.08	30.00	Pass
15KHz	20MHz	HCH	CP-QPSK	21.33	21.30	21.28	20.08	30.00	Pass
15KHz	25MHz	LCH	DFT-Pi2BPSK	22.95	23.11	22.87	21.86	30.00	Pass
15KHz	25MHz	LCH	DFT-QPSK	23.02	23.13	22.86	21.88	30.00	Pass
15KHz	25MHz	LCH	DFT-16QAM	21.87	22.20	21.92	20.95	30.00	Pass
15KHz	25MHz	LCH	DFT-64QAM	20.57	20.71	20.41	19.46	30.00	Pass
15KHz	25MHz	LCH	DFT-256QAM	17.74	18.01	18.41	17.16	30.00	Pass
15KHz	25MHz	LCH	CP-QPSK	21.38	21.52	21.46	20.27	30.00	Pass
15KHz	25MHz	MCH	DFT-Pi2BPSK	22.83	22.97	22.79	21.72	30.00	Pass
15KHz	25MHz	MCH	DFT-QPSK	22.76	23.04	22.77	21.79	30.00	Pass
15KHz	25MHz	MCH	DFT-16QAM	21.85	22.07	21.72	20.82	30.00	Pass
15KHz	25MHz	MCH	DFT-64QAM	20.48	20.71	20.25	19.46	30.00	Pass
15KHz	25MHz	MCH	DFT-256QAM	18.34	18.46	18.29	17.21	30.00	Pass
15KHz	25MHz	MCH	CP-QPSK	21.29	21.54	21.34	20.29	30.00	Pass
15KHz	25MHz	HCH	DFT-Pi2BPSK	22.77	23.04	22.83	21.79	30.00	Pass
15KHz	25MHz	HCH	DFT-QPSK	22.86	23.02	22.87	21.77	30.00	Pass
15KHz	25MHz	HCH	DFT-16QAM	21.91	21.99	21.87	20.74	30.00	Pass
15KHz	25MHz	HCH	DFT-64QAM	20.53	20.79	20.38	19.54	30.00	Pass
15KHz	25MHz	HCH	DFT-256QAM	17.78	17.96	18.30	17.05	30.00	Pass
15KHz	25MHz	HCH	CP-QPSK	21.36	21.50	21.38	20.25	30.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	22.88	22.91	22.95	21.70	30.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	22.85	22.99	22.97	21.74	30.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	21.84	21.96	21.89	20.71	30.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	20.52	20.59	20.47	19.34	30.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	17.87	18.08	18.46	17.21	30.00	Pass
15KHz	30MHz	LCH	CP-QPSK	21.41	21.44	21.40	20.19	30.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	22.80	22.82	22.75	21.57	30.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	22.82	22.87	22.72	21.62	30.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	21.87	21.92	21.69	20.67	30.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	20.39	20.52	20.32	19.27	30.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	17.78	17.93	18.27	17.02	30.00	Pass
15KHz	30MHz	MCH	CP-QPSK	21.28	21.34	21.27	20.09	30.00	Pass
15KHz	30MHz	HCH	DFT-Pi2BPSK	22.78	22.92	22.83	21.67	30.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	22.77	22.85	22.74	21.60	30.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	21.75	21.86	21.75	20.61	30.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	20.41	20.61	20.35	19.36	30.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	17.77	18.01	18.33	17.08	30.00	Pass
15KHz	30MHz	HCH	CP-QPSK	21.33	21.42	21.29	20.17	30.00	Pass
15KHz	35MHz	LCH	DFT-Pi2BPSK	22.90	23.09	22.85	21.84	30.00	Pass
15KHz	35MHz	LCH	DFT-QPSK	22.82	23.07	22.88	21.82	30.00	Pass
15KHz	35MHz	LCH	DFT-16QAM	21.85	22.01	21.87	20.76	30.00	Pass
15KHz	35MHz	LCH	DFT-64QAM	20.53	20.74	20.37	19.49	30.00	Pass
15KHz	35MHz	LCH	DFT-256QAM	17.73	17.98	18.36	17.11	30.00	Pass
15KHz	35MHz	LCH	CP-QPSK	21.45	21.62	21.37	20.37	30.00	Pass
15KHz	35MHz	MCH	DFT-Pi2BPSK	22.83	22.97	22.89	21.72	30.00	Pass
15KHz	35MHz	MCH	DFT-QPSK	22.88	23.07	22.83	21.82	30.00	Pass
15KHz	35MHz	MCH	DFT-16QAM	21.85	21.88	21.81	20.63	30.00	Pass
15KHz	35MHz	MCH	DFT-64QAM	20.49	20.66	20.41	19.41	30.00	Pass
15KHz	35MHz	MCH	DFT-256QAM	17.77	17.93	18.38	17.13	30.00	Pass
15KHz	35MHz	MCH	CP-QPSK	21.38	21.53	21.34	20.28	30.00	Pass

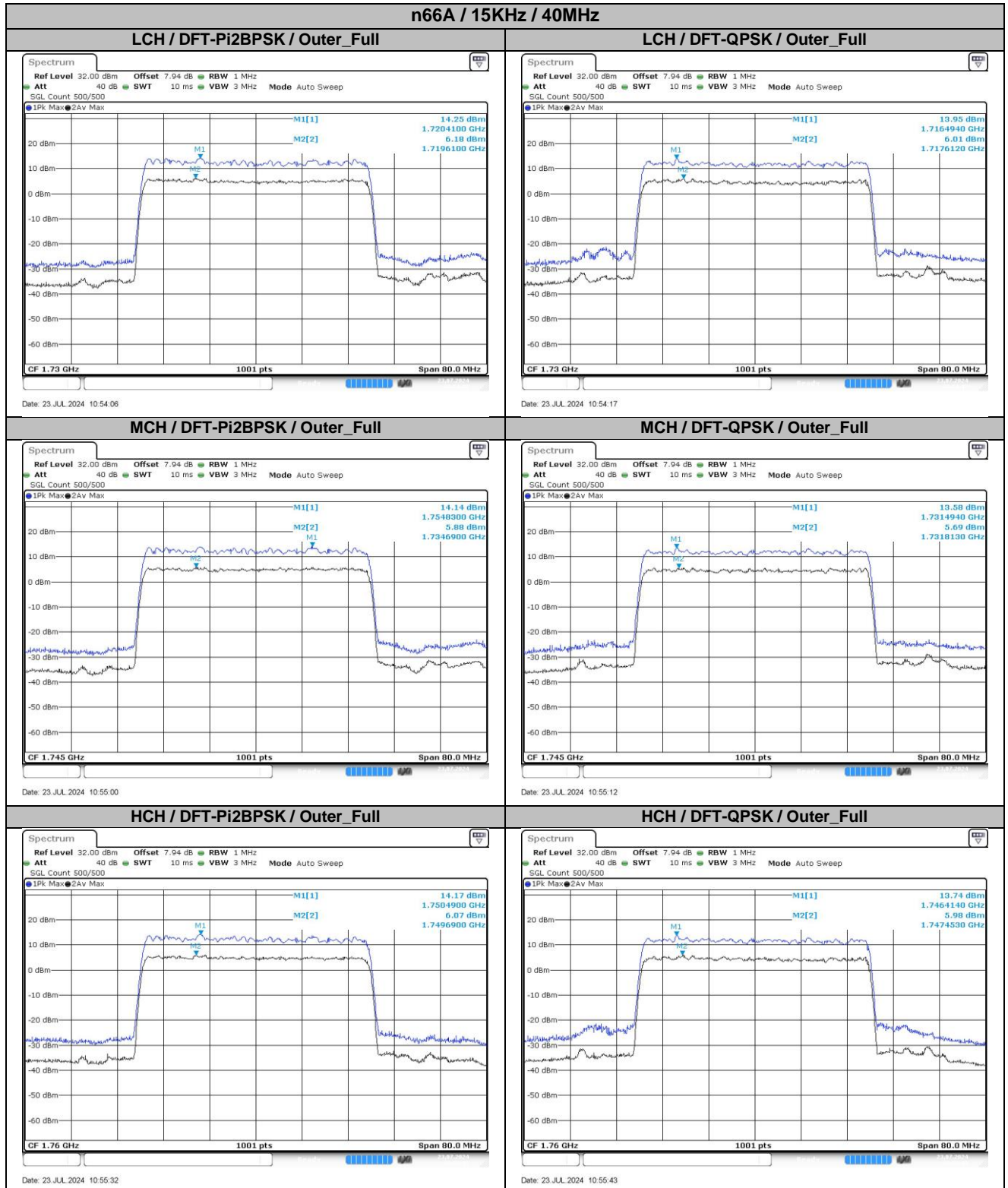
15KHz	35MHz	HCH	DFT-Pi2BPSK	22.81	23.06	22.78	21.81	30.00	Pass
15KHz	35MHz	HCH	DFT-QPSK	22.77	23.06	22.80	21.81	30.00	Pass
15KHz	35MHz	HCH	DFT-16QAM	21.80	22.07	21.86	20.82	30.00	Pass
15KHz	35MHz	HCH	DFT-64QAM	20.52	20.77	20.33	19.52	30.00	Pass
15KHz	35MHz	HCH	DFT-256QAM	17.75	17.99	18.29	17.04	30.00	Pass
15KHz	35MHz	HCH	CP-QPSK	21.29	21.54	21.30	20.29	30.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	22.89	22.92	22.92	21.67	30.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	22.80	22.91	22.95	21.70	30.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	21.85	21.87	21.89	20.64	30.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	20.52	20.68	20.39	19.43	30.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	17.71	18.04	18.39	17.14	30.00	Pass
15KHz	40MHz	LCH	CP-QPSK	21.22	21.45	21.39	20.20	30.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	22.80	22.85	22.91	21.66	30.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	22.78	22.87	22.87	21.62	30.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	21.78	21.93	21.85	20.68	30.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	20.52	20.59	20.38	19.34	30.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	17.59	17.97	18.26	17.01	30.00	Pass
15KHz	40MHz	MCH	CP-QPSK	21.24	21.36	21.41	20.16	30.00	Pass
15KHz	40MHz	HCH	DFT-Pi2BPSK	22.74	22.86	22.85	21.61	30.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	22.77	22.89	22.80	21.64	30.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	21.80	21.88	21.82	20.63	30.00	Pass
15KHz	40MHz	HCH	DFT-64QAM	20.49	20.60	20.27	19.35	30.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	17.75	18.01	18.26	17.01	30.00	Pass
15KHz	40MHz	HCH	CP-QPSK	21.27	21.40	21.28	20.15	30.00	Pass

2. Peak-to-Average Ratio

2.1. Test Results

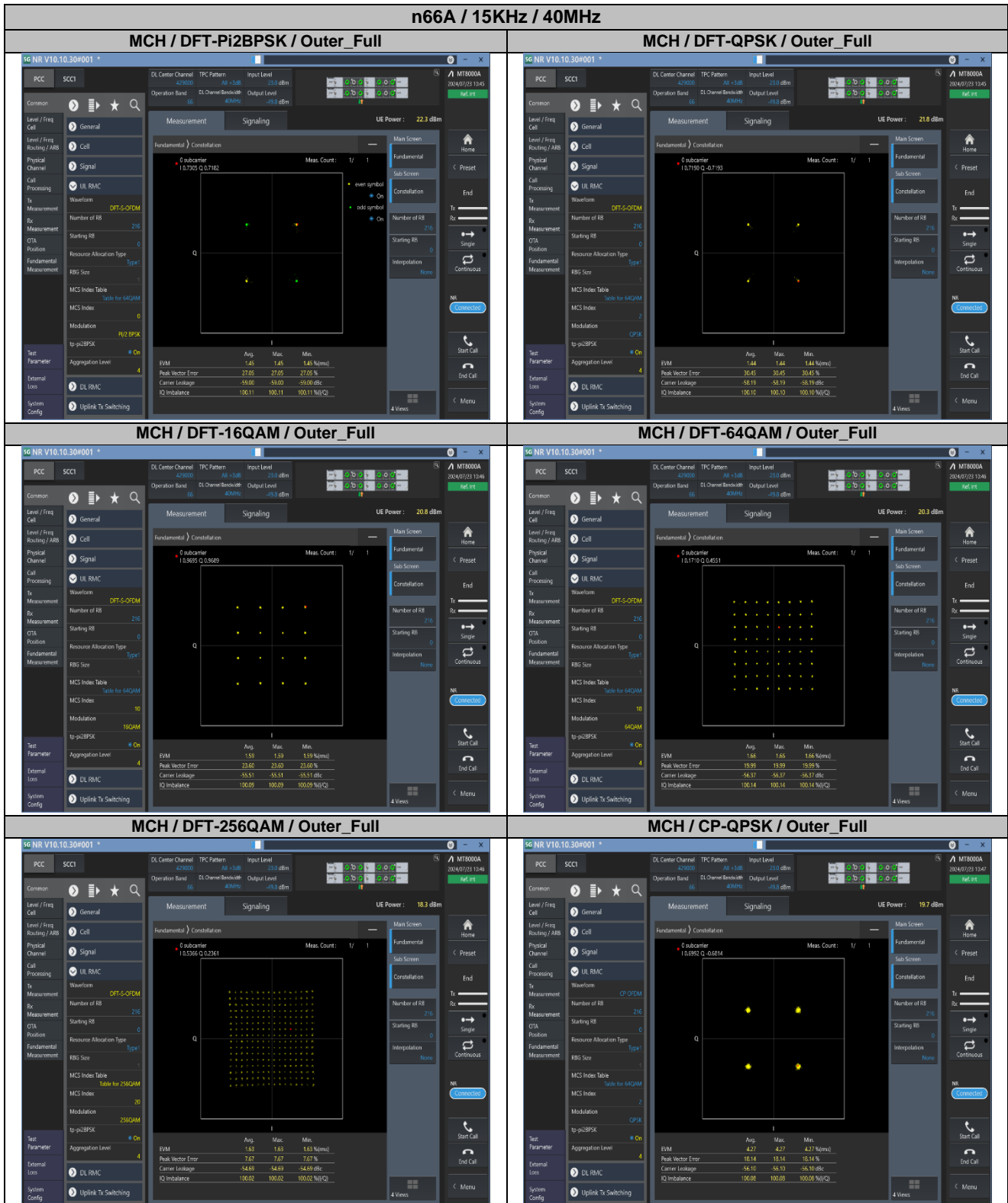
SCS	Bandwidth	Channel	RB	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	40MHz	LCH	Outer_Full	8.07	7.95	13.00	Pass
15KHz	40MHz	MCH	Outer_Full	8.26	7.90	13.00	Pass
15KHz	40MHz	HCH	Outer_Full	8.10	7.76	13.00	Pass

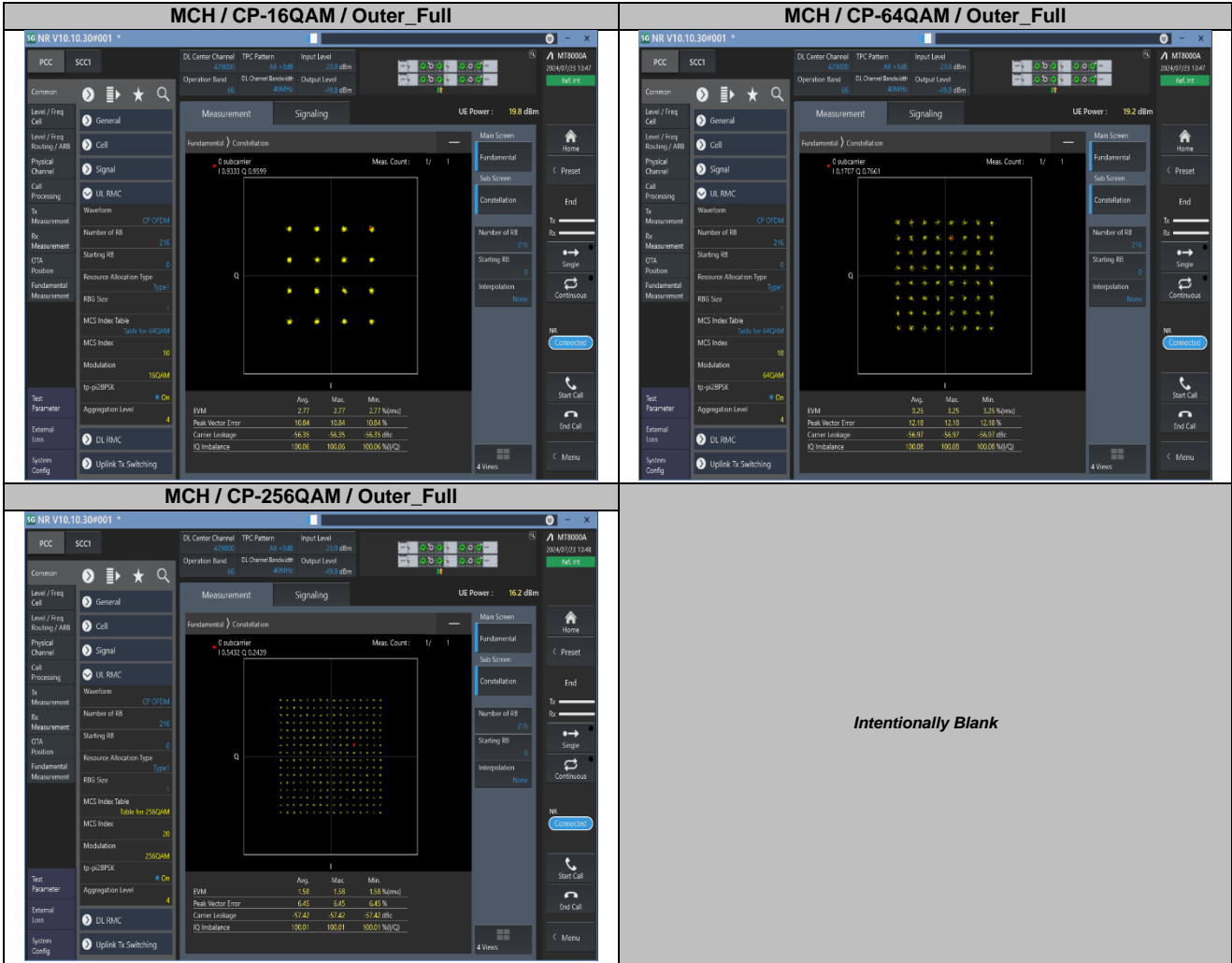
2.2. Test Plots



3. Modulation Characteristics

3.1. Test Plots



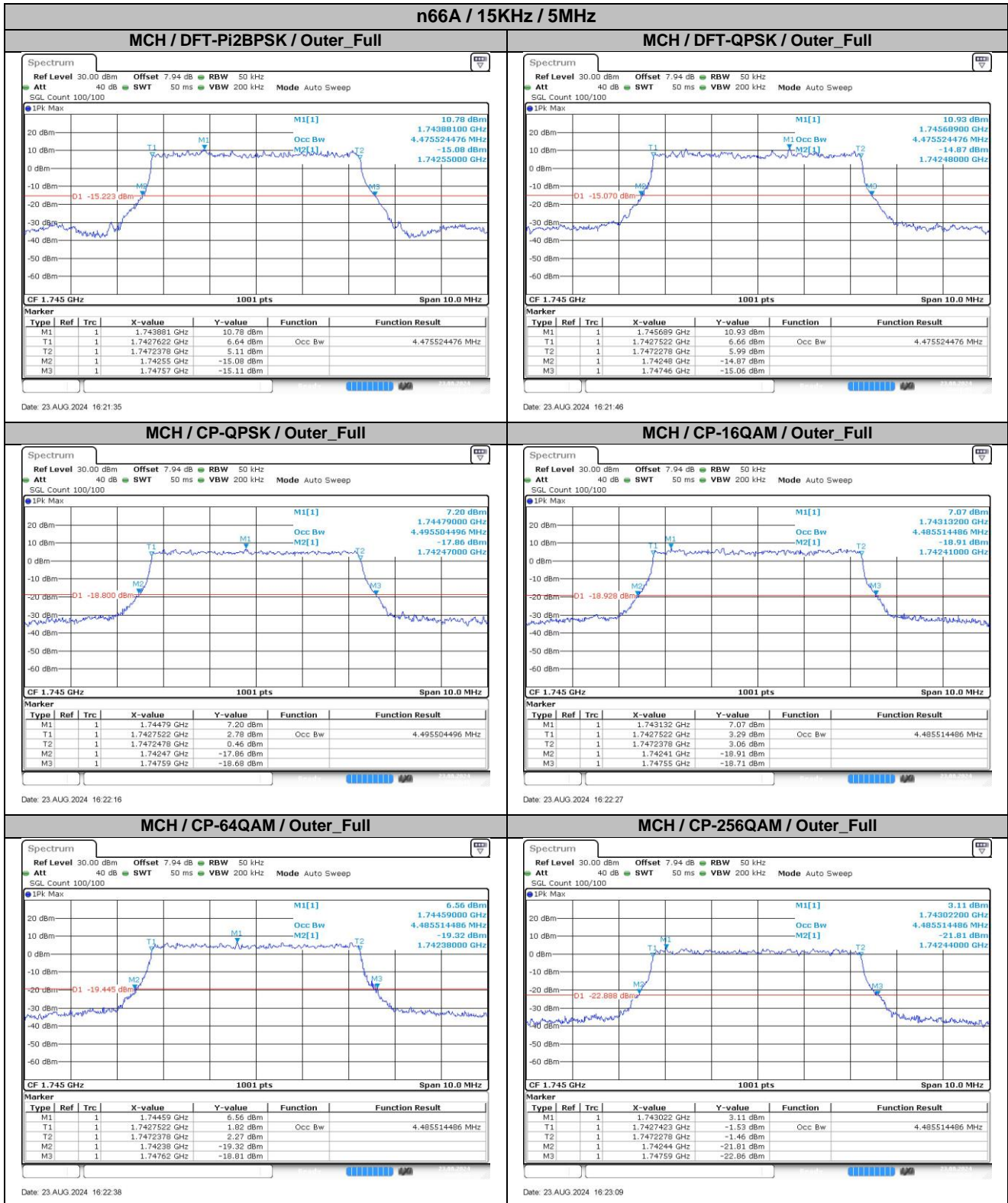


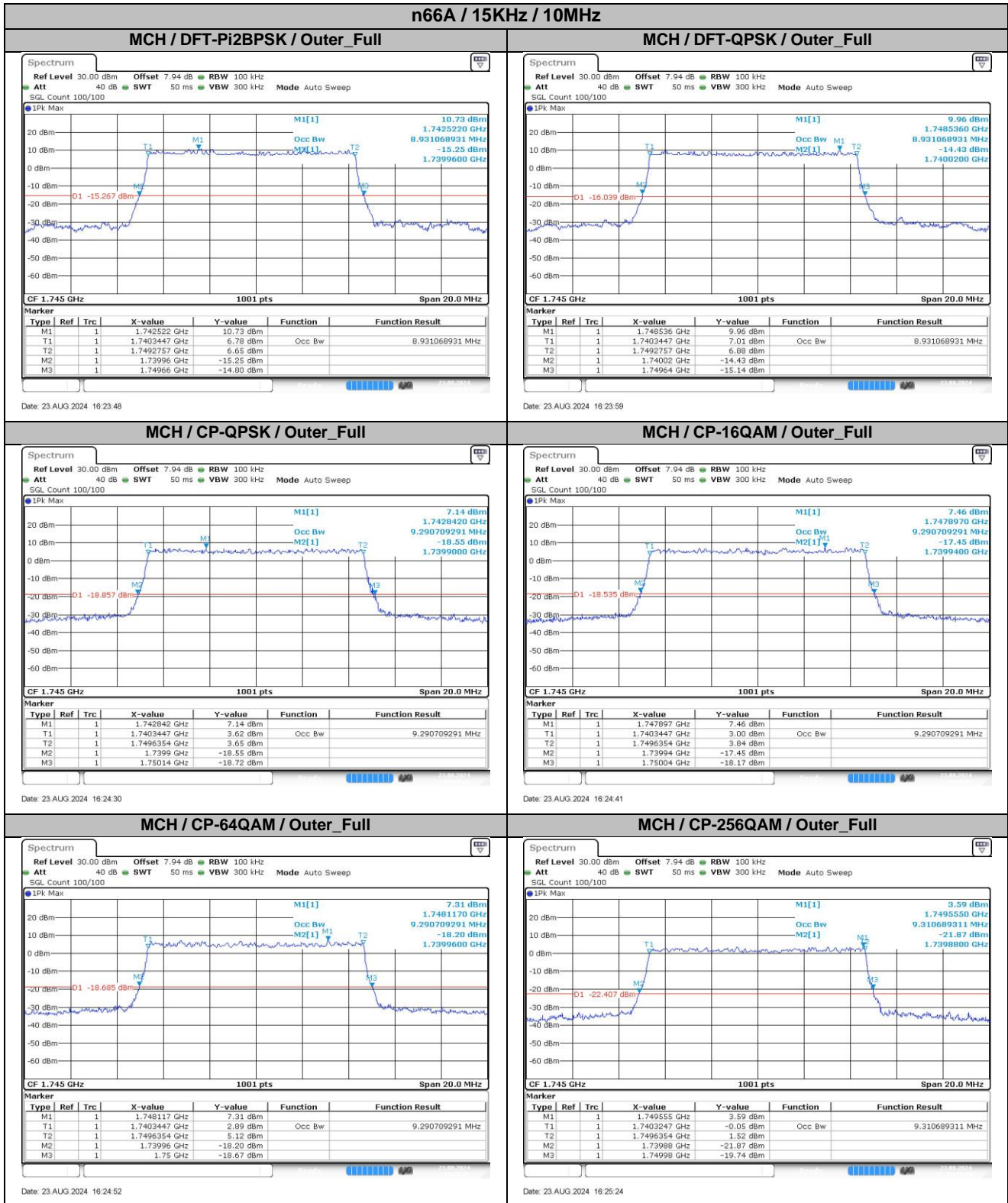
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

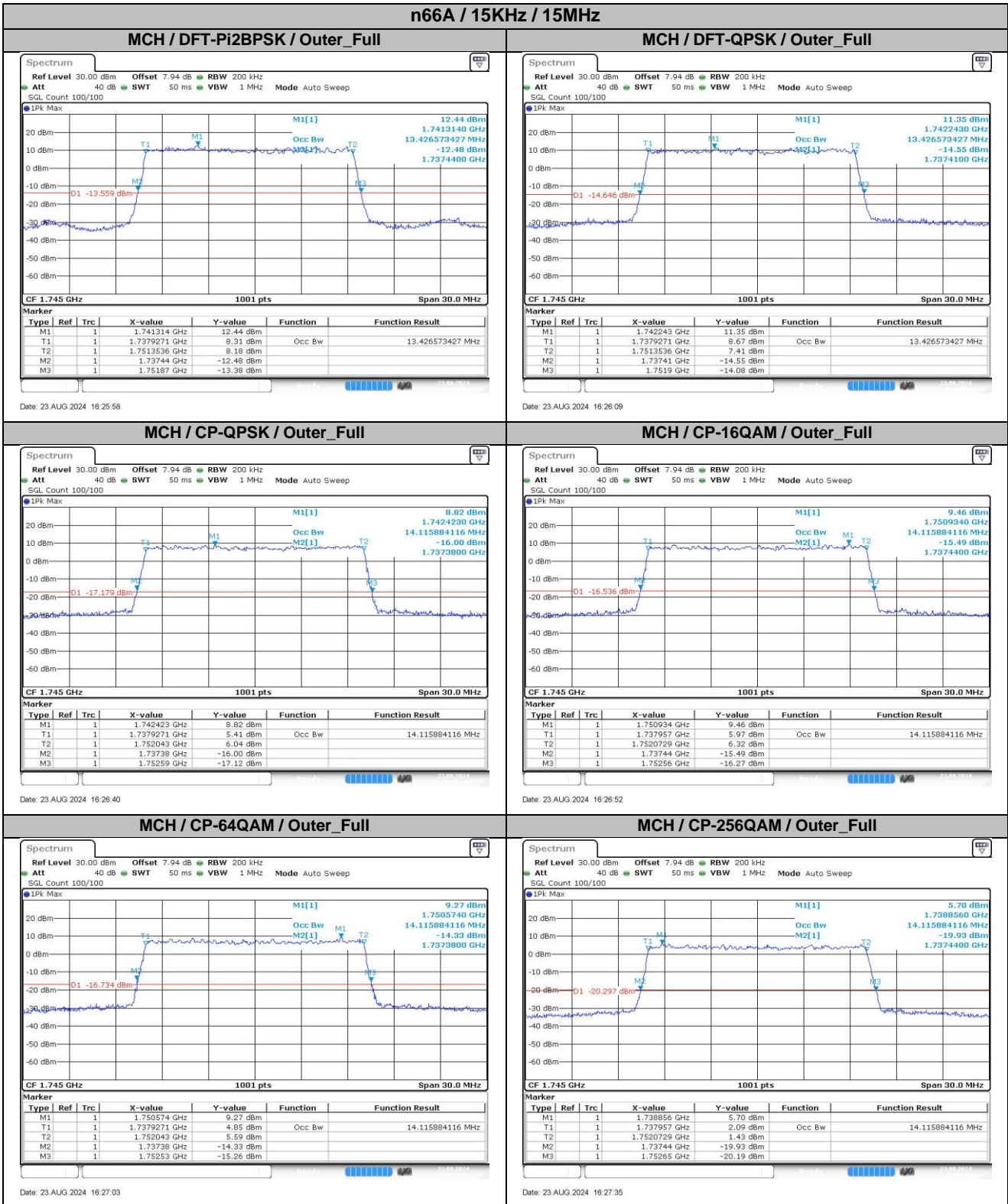
4.1. Test Results

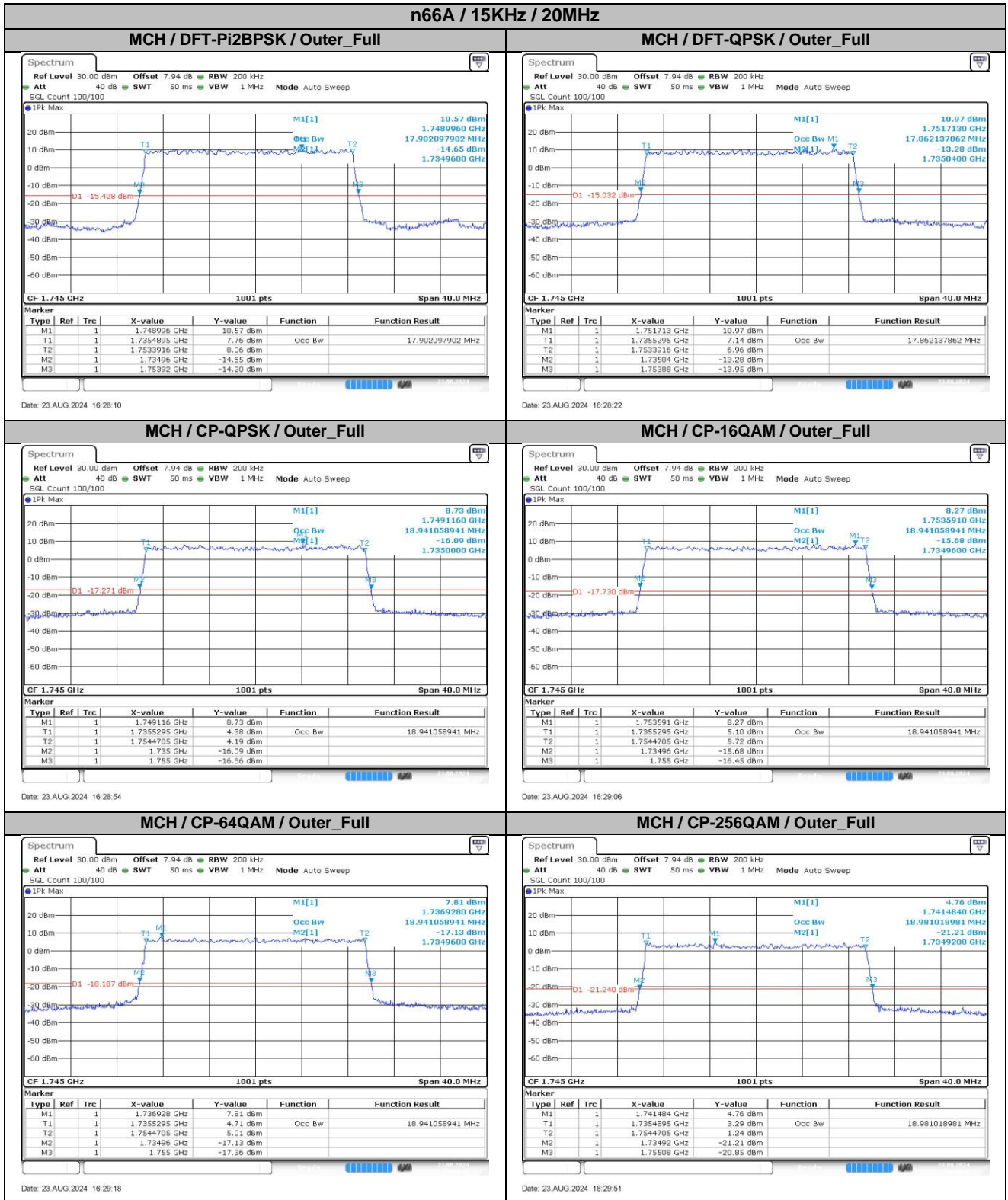
SCS	Bandwidth	Modulation	RB	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.48	5.02	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.48	4.98	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.50	5.12	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.49	5.14	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.49	5.24	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.49	5.15	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.93	9.70	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.93	9.62	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.29	10.24	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.29	10.10	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.29	10.04	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.31	10.10	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.43	14.43	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.43	14.49	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.12	15.21	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.12	15.12	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.12	15.15	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.12	15.21	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.90	18.96	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.86	18.84	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.94	20.00	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.94	20.04	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.94	20.04	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.98	20.16	Pass
15KHz	25MHz	DFT-Pi2BPSK	Outer_Full	22.88	24.05	Pass
15KHz	25MHz	DFT-QPSK	Outer_Full	22.98	24.05	Pass
15KHz	25MHz	CP-QPSK	Outer_Full	23.78	25.05	Pass
15KHz	25MHz	CP-16QAM	Outer_Full	23.78	25.05	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	28.59	29.88	Pass
15KHz	30MHz	DFT-QPSK	Outer_Full	28.53	29.82	Pass
15KHz	30MHz	CP-QPSK	Outer_Full	28.59	29.82	Pass
15KHz	30MHz	CP-16QAM	Outer_Full	28.65	29.88	Pass
15KHz	30MHz	CP-64QAM	Outer_Full	28.53	31.26	Pass
15KHz	30MHz	CP-256QAM	Outer_Full	28.59	29.94	Pass
15KHz	35MHz	DFT-Pi2BPSK	Outer_Full	32.17	33.74	Pass
15KHz	35MHz	DFT-QPSK	Outer_Full	32.24	33.74	Pass
15KHz	35MHz	CP-QPSK	Outer_Full	33.64	35.14	Pass
15KHz	35MHz	CP-16QAM	Outer_Full	33.57	35.14	Pass
15KHz	35MHz	CP-64QAM	Outer_Full	33.64	36.33	Pass
15KHz	35MHz	CP-256QAM	Outer_Full	33.64	35.14	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	38.52	40.32	Pass
15KHz	40MHz	CP-16QAM	Outer_Full	38.52	40.16	Pass
15KHz	40MHz	CP-64QAM	Outer_Full	38.60	40.32	Pass
15KHz	40MHz	CP-256QAM	Outer_Full	38.52	40.24	Pass

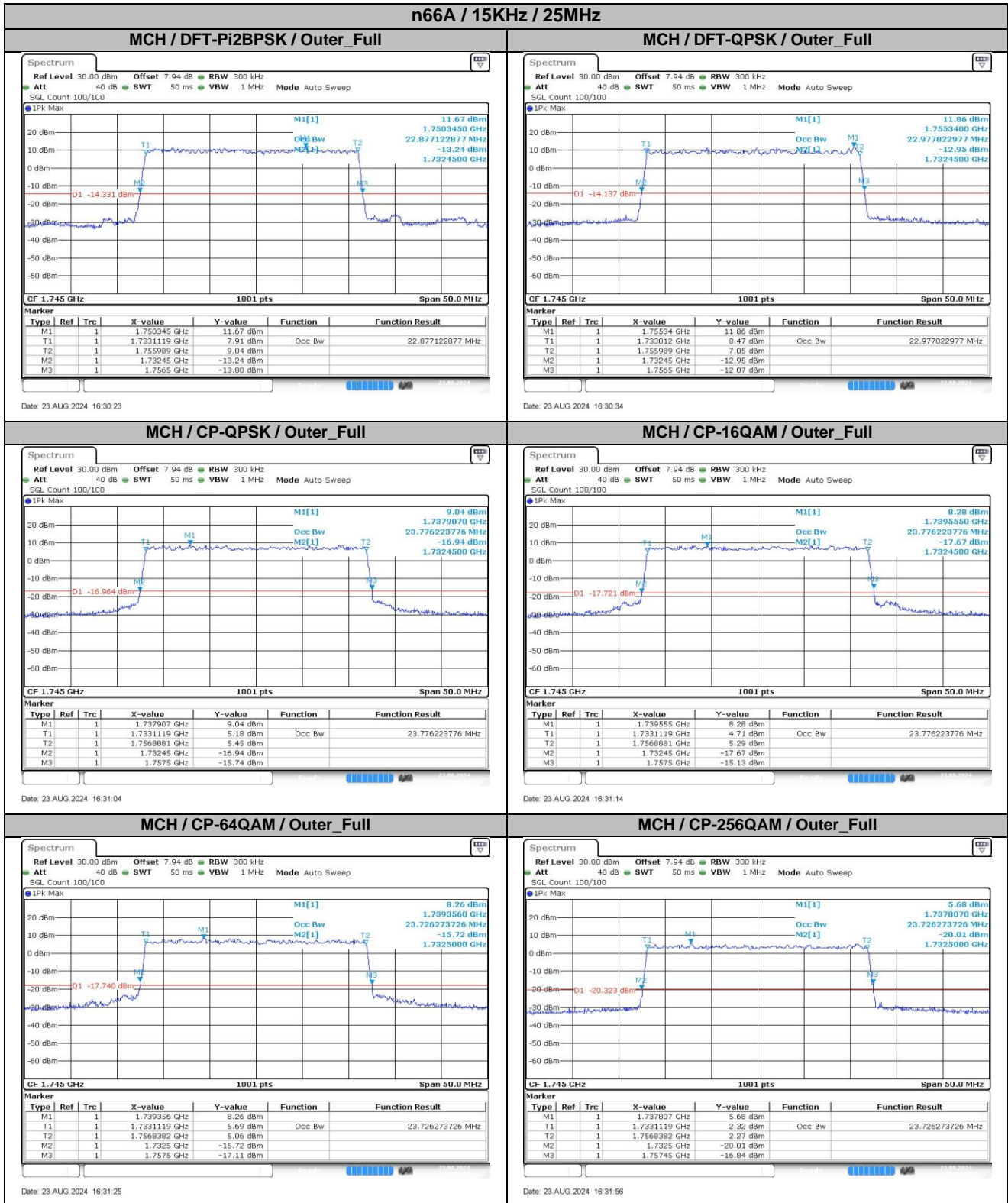
4.2. Test Plots

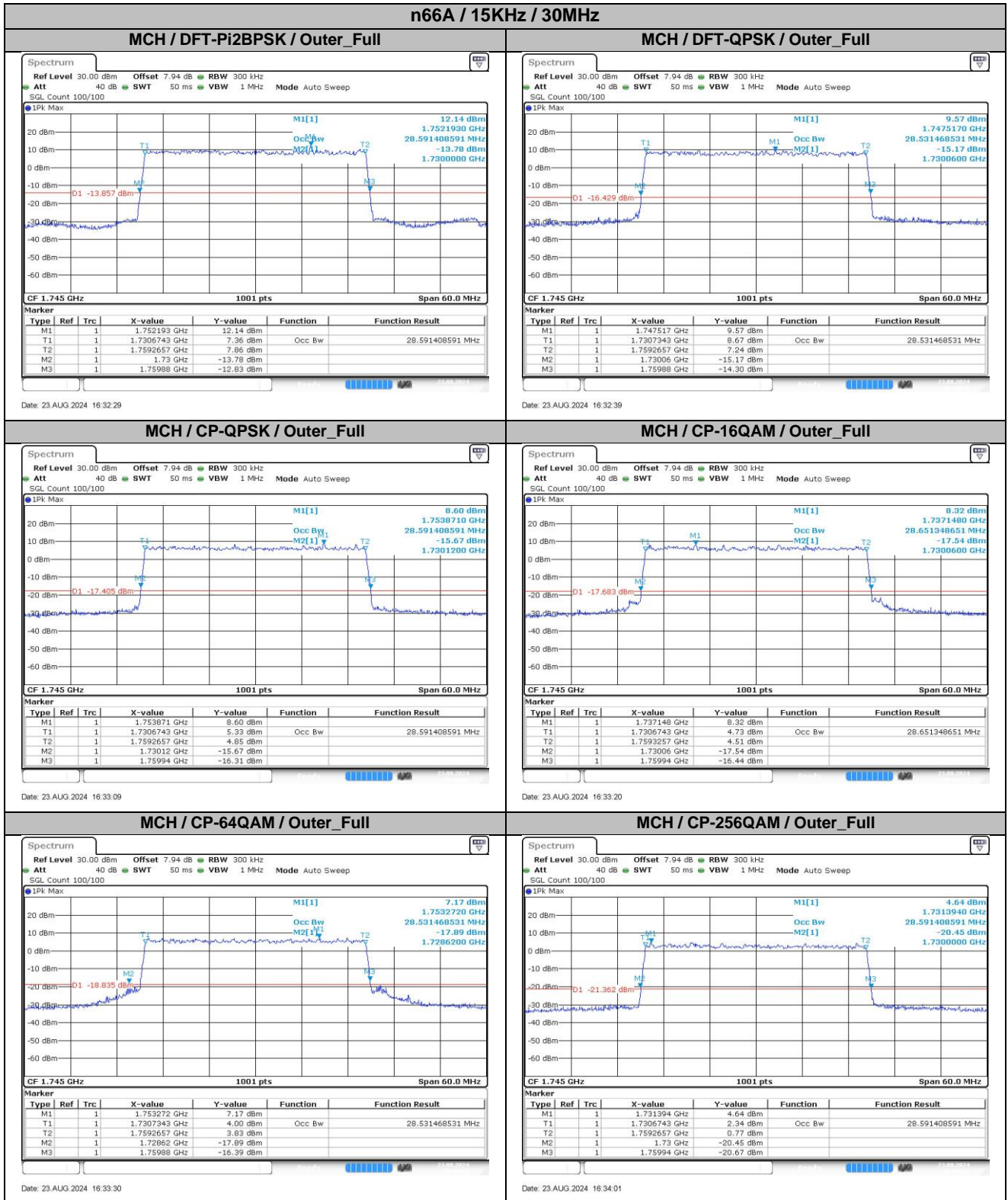


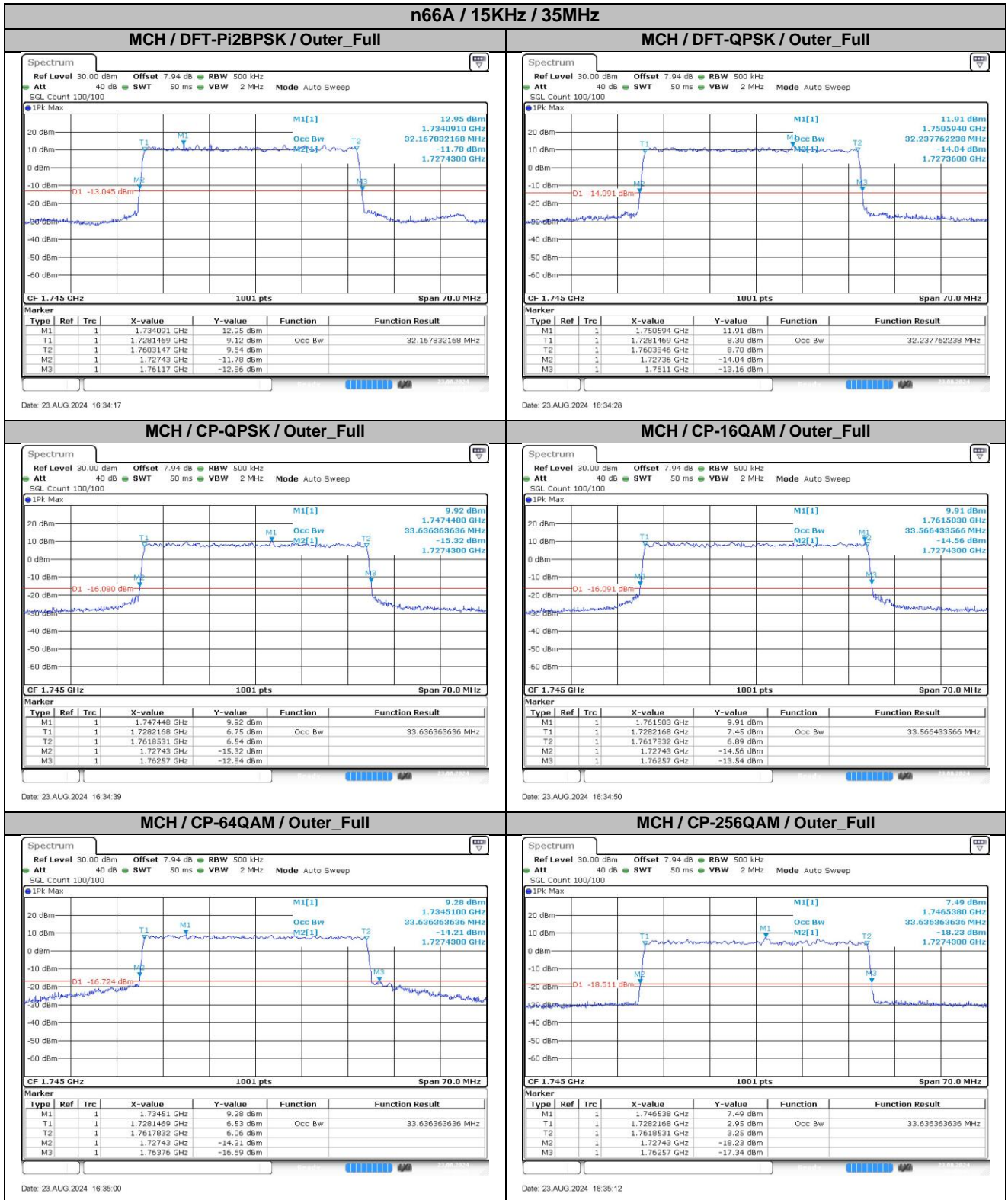


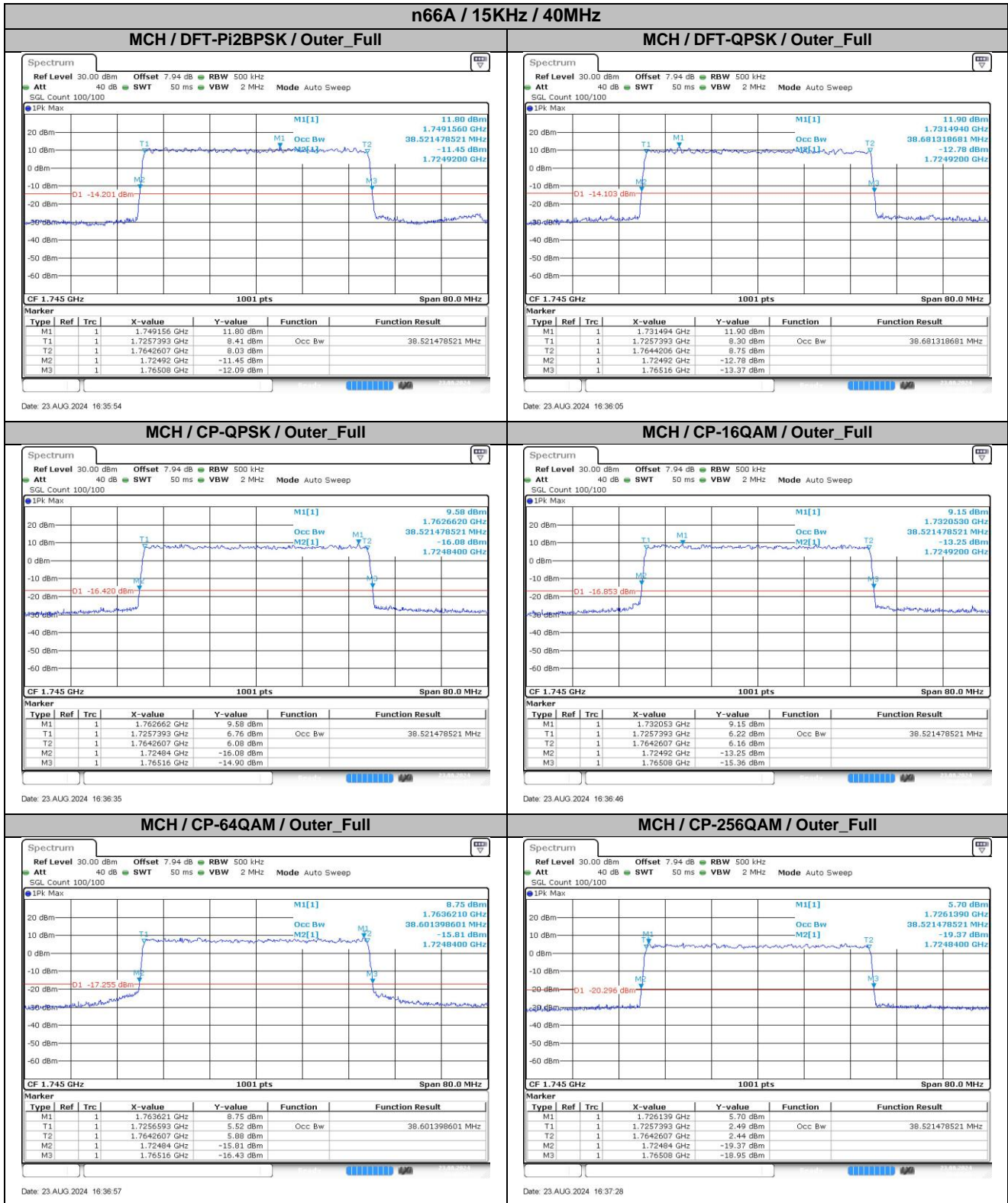












5. Conducted Band Edges

5.1. Test Plots

