

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

Catalogue

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant2 (Antenna Gain=-3.00dBi)

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	23.38	23.54	23.28	20.54	30.00	Pass
15KHz	5MHz	LCH	DFT-QPSK	23.44	23.47	23.54	20.54	30.00	Pass
15KHz	5MHz	LCH	DFT-16QAM	22.80	22.97	22.67	19.97	30.00	Pass
15KHz	5MHz	LCH	DFT-64QAM	21.28	21.40	21.28	18.40	30.00	Pass
15KHz	5MHz	LCH	DFT-256QAM	19.12	19.26	19.22	16.26	30.00	Pass
15KHz	5MHz	LCH	CP-QPSK	22.08	22.14	22.18	19.18	30.00	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	23.43	23.45	23.51	20.51	30.00	Pass
15KHz	5MHz	MCH	DFT-QPSK	23.22	23.20	23.55	20.55	30.00	Pass
15KHz	5MHz	MCH	DFT-16QAM	22.63	22.55	22.48	19.63	30.00	Pass
15KHz	5MHz	MCH	DFT-64QAM	21.01	21.05	20.86	18.05	30.00	Pass
15KHz	5MHz	MCH	DFT-256QAM	19.00	19.02	19.03	16.03	30.00	Pass
15KHz	5MHz	MCH	CP-QPSK	21.53	21.73	21.86	18.86	30.00	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	23.50	23.59	23.43	20.59	30.00	Pass
15KHz	5MHz	HCH	DFT-QPSK	23.44	23.50	23.61	20.61	30.00	Pass
15KHz	5MHz	HCH	DFT-16QAM	22.72	22.81	22.50	19.81	30.00	Pass
15KHz	5MHz	HCH	DFT-64QAM	21.23	21.06	20.73	18.23	30.00	Pass
15KHz	5MHz	HCH	DFT-256QAM	19.01	19.11	19.16	16.16	30.00	Pass
15KHz	5MHz	HCH	CP-QPSK	21.78	22.14	22.12	19.14	30.00	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	23.55	23.74	23.67	20.74	30.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	23.52	23.61	23.66	20.66	30.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	22.78	22.45	22.68	19.78	30.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	21.23	21.38	21.21	18.38	30.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	19.11	19.24	19.10	16.24	30.00	Pass
15KHz	10MHz	LCH	CP-QPSK	21.90	22.20	22.06	19.20	30.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	23.45	23.51	23.47	20.51	30.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	23.42	23.43	23.48	20.48	30.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	22.61	22.72	22.49	19.72	30.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	21.08	21.16	21.05	18.16	30.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	19.04	19.06	18.93	16.06	30.00	Pass
15KHz	10MHz	MCH	CP-QPSK	21.72	22.15	21.90	19.15	30.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	23.44	23.64	23.57	20.64	30.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	23.41	23.59	23.58	20.59	30.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	22.65	22.88	22.58	19.88	30.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	21.03	21.27	21.07	18.27	30.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	18.95	19.21	19.03	16.21	30.00	Pass
15KHz	10MHz	HCH	CP-QPSK	21.86	22.05	22.02	19.05	30.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	23.54	23.63	23.70	20.70	30.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	23.37	23.46	23.74	20.74	30.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	22.81	22.98	22.75	19.98	30.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	21.29	21.35	21.27	18.35	30.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	19.09	19.14	19.16	16.16	30.00	Pass
15KHz	15MHz	LCH	CP-QPSK	21.86	22.10	22.22	19.22	30.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	23.48	23.53	23.52	20.53	30.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	23.49	23.44	23.55	20.55	30.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	22.64	22.79	22.55	19.79	30.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	21.06	21.13	21.01	18.13	30.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	19.04	19.06	19.11	16.11	30.00	Pass
15KHz	15MHz	MCH	CP-QPSK	21.90	21.98	21.69	18.98	30.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	23.46	23.64	23.31	20.64	30.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	23.44	23.59	23.56	20.59	30.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	22.53	22.86	22.54	19.86	30.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	21.04	21.27	21.04	18.27	30.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	18.94	19.18	19.05	16.18	30.00	Pass
15KHz	15MHz	HCH	CP-QPSK	21.64	22.07	22.04	19.07	30.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	23.55	23.61	23.28	20.61	30.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	23.51	23.56	23.53	20.56	30.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	22.52	22.76	22.74	19.76	30.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	21.23	21.28	21.22	18.28	30.00	Pass
15KHz	20MHz	LCH	DFT-256QAM	19.07	19.12	19.16	16.16	30.00	Pass

15KHz	20MHz	LCH	CP-QPSK	21.87	21.97	22.21	19.21	30.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.49	23.51	23.56	20.56	30.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	23.49	23.42	23.56	20.56	30.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	22.52	22.65	22.50	19.65	30.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	21.02	21.21	20.97	18.21	30.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	19.02	19.07	19.02	16.07	30.00	Pass
15KHz	20MHz	MCH	CP-QPSK	21.89	21.87	22.05	19.05	30.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	23.42	23.70	23.55	20.70	30.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	23.35	23.56	23.50	20.56	30.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	22.51	22.86	22.52	19.86	30.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	21.01	21.28	20.99	18.28	30.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	18.96	19.21	18.98	16.21	30.00	Pass
15KHz	20MHz	HCH	CP-QPSK	21.84	22.07	22.03	19.07	30.00	Pass
15KHz	25MHz	LCH	DFT-Pi2BPSK	23.52	23.49	23.35	20.52	30.00	Pass
15KHz	25MHz	LCH	DFT-QPSK	23.48	23.46	23.67	20.67	30.00	Pass
15KHz	25MHz	LCH	DFT-16QAM	22.76	22.60	22.58	19.76	30.00	Pass
15KHz	25MHz	LCH	DFT-64QAM	21.18	21.01	21.13	18.18	30.00	Pass
15KHz	25MHz	LCH	DFT-256QAM	19.03	18.95	19.09	16.09	30.00	Pass
15KHz	25MHz	LCH	CP-QPSK	21.87	21.77	22.08	19.08	30.00	Pass
15KHz	25MHz	MCH	DFT-Pi2BPSK	23.36	23.37	23.49	20.49	30.00	Pass
15KHz	25MHz	MCH	DFT-QPSK	23.31	23.35	23.46	20.46	30.00	Pass
15KHz	25MHz	MCH	DFT-16QAM	22.64	22.61	22.43	19.64	30.00	Pass
15KHz	25MHz	MCH	DFT-64QAM	20.94	20.90	20.99	17.99	30.00	Pass
15KHz	25MHz	MCH	DFT-256QAM	18.84	18.89	18.94	15.94	30.00	Pass
15KHz	25MHz	MCH	CP-QPSK	21.73	21.74	21.73	18.74	30.00	Pass
15KHz	25MHz	HCH	DFT-Pi2BPSK	23.05	23.54	23.52	20.54	30.00	Pass
15KHz	25MHz	HCH	DFT-QPSK	23.05	23.14	23.54	20.54	30.00	Pass
15KHz	25MHz	HCH	DFT-16QAM	22.49	22.76	22.45	19.76	30.00	Pass
15KHz	25MHz	HCH	DFT-64QAM	20.89	21.16	20.99	18.16	30.00	Pass
15KHz	25MHz	HCH	DFT-256QAM	18.83	19.07	19.02	16.07	30.00	Pass
15KHz	25MHz	HCH	CP-QPSK	21.67	21.93	21.83	18.93	30.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	23.55	23.53	23.61	20.61	30.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	23.49	23.41	23.63	20.63	30.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	22.72	22.68	22.63	19.72	30.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	21.26	21.12	21.09	18.26	30.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	19.10	18.99	19.07	16.10	30.00	Pass
15KHz	30MHz	LCH	CP-QPSK	21.93	22.07	21.95	19.07	30.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	23.41	23.44	23.49	20.49	30.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	23.39	23.39	23.51	20.51	30.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	22.54	22.64	22.49	19.64	30.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	21.05	21.07	20.97	18.07	30.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	18.85	18.96	18.92	15.96	30.00	Pass
15KHz	30MHz	MCH	CP-QPSK	21.81	21.81	21.99	18.99	30.00	Pass
15KHz	30MHz	HCH	DFT-Pi2BPSK	23.33	23.59	23.50	20.59	30.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	22.95	23.55	23.48	20.55	30.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	22.49	22.81	22.50	19.81	30.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	20.97	21.19	20.98	18.19	30.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	18.88	19.12	18.95	16.12	30.00	Pass
15KHz	30MHz	HCH	CP-QPSK	21.77	22.02	21.92	19.02	30.00	Pass
15KHz	35MHz	LCH	DFT-Pi2BPSK	23.54	23.46	23.58	20.58	30.00	Pass
15KHz	35MHz	LCH	DFT-QPSK	23.44	23.41	23.59	20.59	30.00	Pass
15KHz	35MHz	LCH	DFT-16QAM	22.74	22.71	22.61	19.74	30.00	Pass
15KHz	35MHz	LCH	DFT-64QAM	21.22	21.01	21.09	18.22	30.00	Pass
15KHz	35MHz	LCH	DFT-256QAM	19.04	19.03	19.07	16.07	30.00	Pass
15KHz	35MHz	LCH	CP-QPSK	21.95	21.95	22.10	19.10	30.00	Pass
15KHz	35MHz	MCH	DFT-Pi2BPSK	23.37	23.40	23.50	20.50	30.00	Pass
15KHz	35MHz	MCH	DFT-QPSK	23.35	23.37	23.50	20.50	30.00	Pass
15KHz	35MHz	MCH	DFT-16QAM	22.53	22.65	22.50	19.65	30.00	Pass
15KHz	35MHz	MCH	DFT-64QAM	20.95	20.98	20.97	17.98	30.00	Pass
15KHz	35MHz	MCH	DFT-256QAM	18.82	18.88	18.96	15.96	30.00	Pass
15KHz	35MHz	MCH	CP-QPSK	21.65	21.81	21.85	18.85	30.00	Pass
15KHz	35MHz	HCH	DFT-Pi2BPSK	23.35	23.60	23.47	20.60	30.00	Pass
15KHz	35MHz	HCH	DFT-QPSK	23.26	23.56	23.44	20.56	30.00	Pass

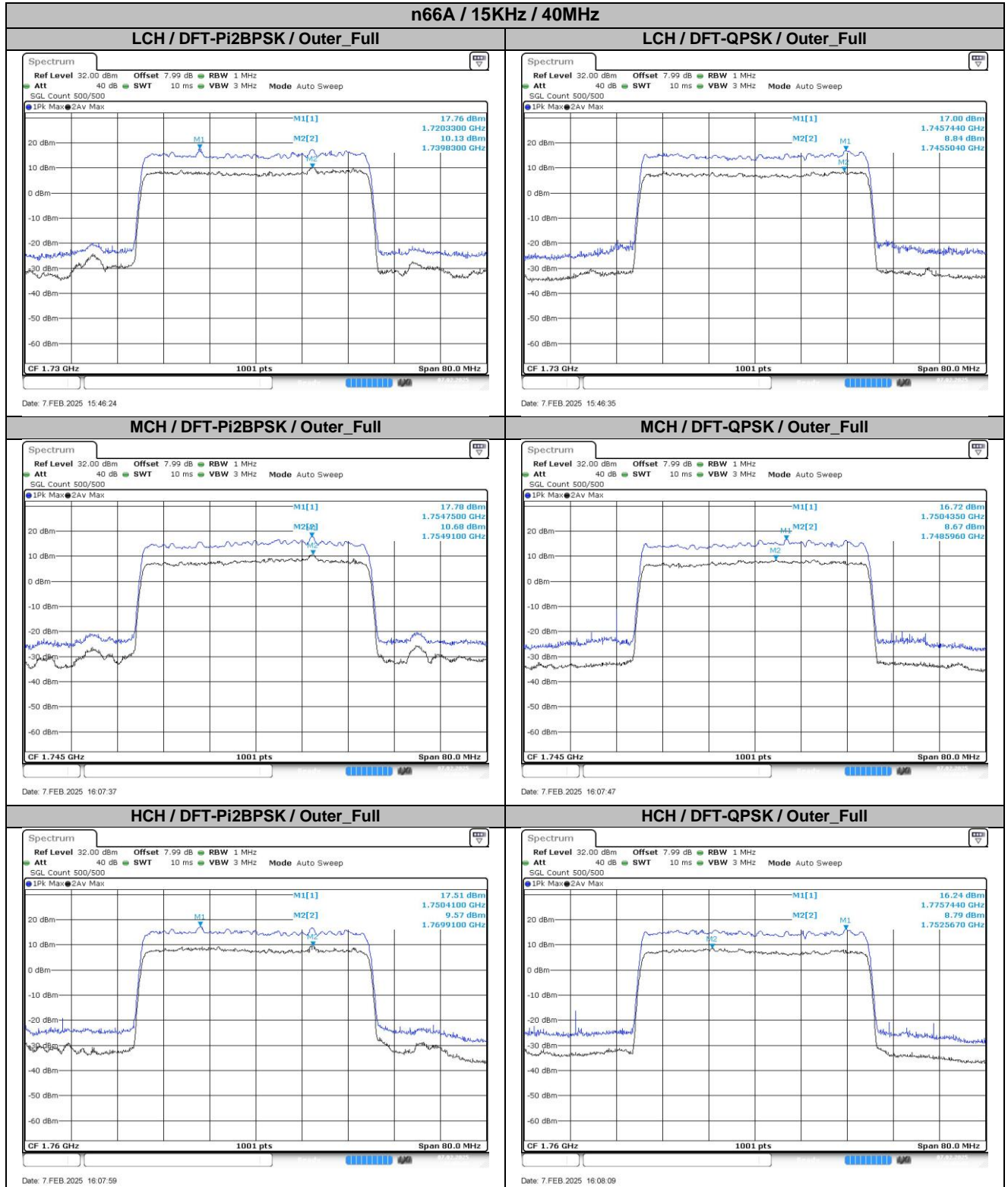
15KHz	35MHz	HCH	DFT-16QAM	22.50	22.78	22.51	19.78	30.00	Pass
15KHz	35MHz	HCH	DFT-64QAM	20.91	21.03	21.02	18.03	30.00	Pass
15KHz	35MHz	HCH	DFT-256QAM	18.80	19.13	19.00	16.13	30.00	Pass
15KHz	35MHz	HCH	CP-QPSK	21.78	22.04	21.98	19.04	30.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	23.51	23.14	23.38	20.51	30.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	23.40	23.37	23.54	20.54	30.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	22.76	22.76	22.57	19.76	30.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	21.15	21.21	21.05	18.21	30.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	19.06	19.03	19.04	16.06	30.00	Pass
15KHz	40MHz	LCH	CP-QPSK	21.95	22.08	22.02	19.08	30.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	23.39	23.42	23.50	20.50	30.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	23.38	23.38	23.53	20.53	30.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	22.22	22.56	22.50	19.56	30.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	20.99	21.04	20.88	18.04	30.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	18.91	18.93	18.97	15.97	30.00	Pass
15KHz	40MHz	MCH	CP-QPSK	21.82	21.93	21.92	18.93	30.00	Pass
15KHz	40MHz	HCH	DFT-Pi2BPSK	23.30	23.61	23.46	20.61	30.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	23.27	23.56	23.46	20.56	30.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	22.45	22.83	22.48	19.83	30.00	Pass
15KHz	40MHz	HCH	DFT-64QAM	21.00	21.29	20.98	18.29	30.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	18.89	19.11	18.98	16.11	30.00	Pass
15KHz	40MHz	HCH	CP-QPSK	21.77	22.09	21.89	19.09	30.00	Pass

2. Peak-to-Average Ratio

2.1. Test Results

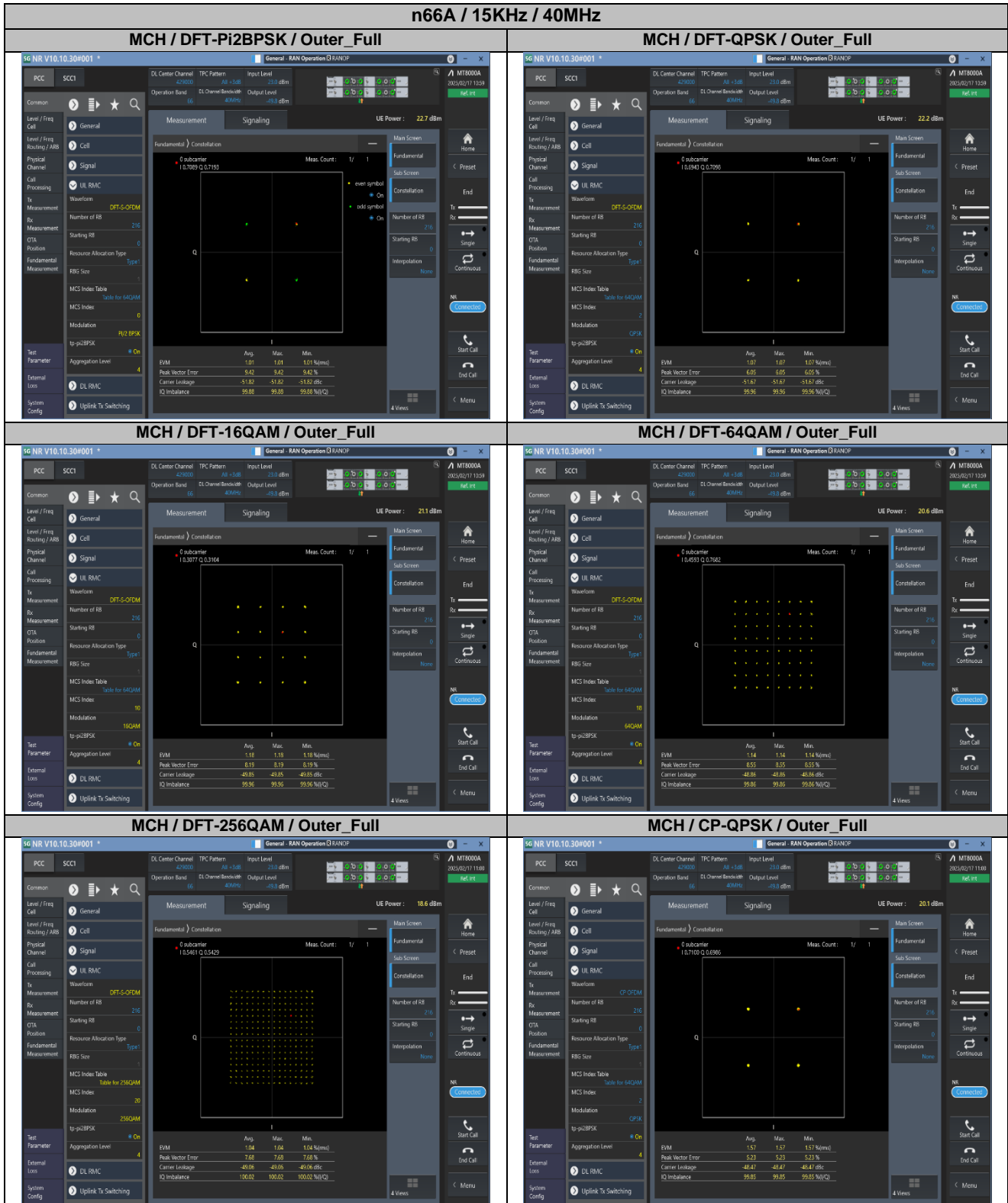
SCS	Bandwidth	Channel	RB	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	40MHz	LCH	Outer_Full	7.63	8.16	13.00	Pass
15KHz	40MHz	MCH	Outer_Full	7.10	8.05	13.00	Pass
15KHz	40MHz	HCH	Outer_Full	7.94	7.44	13.00	Pass

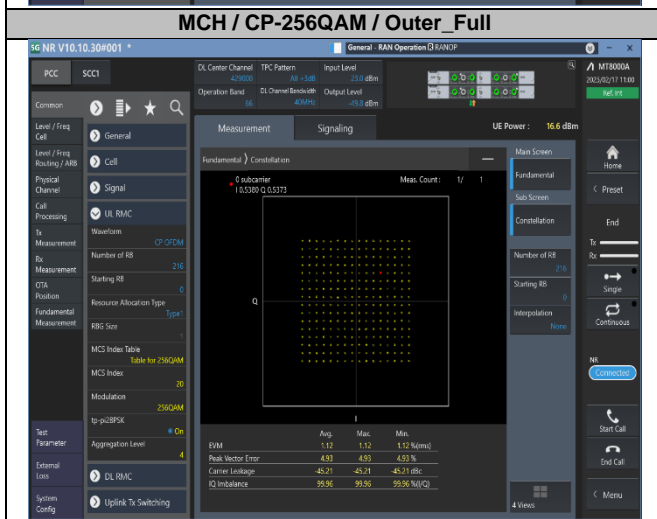
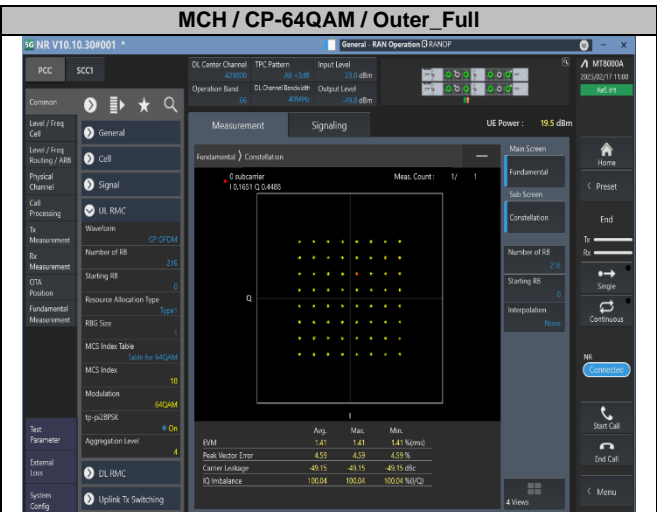
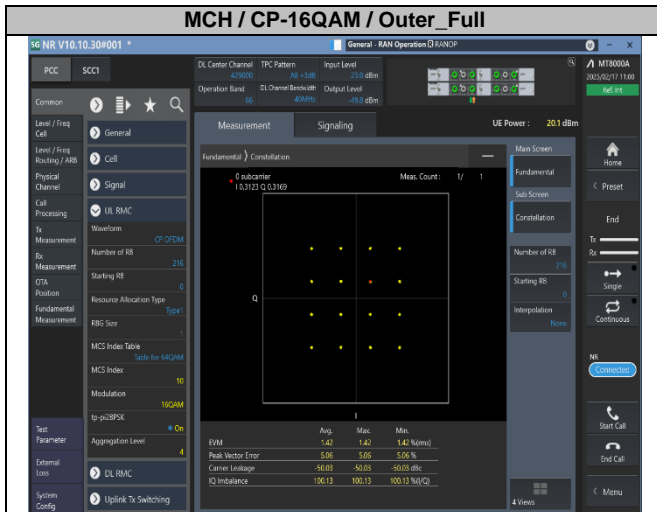
2.2. Test Plots for SCS=15KHz



3. Modulation Characteristics

3.1. Test Plots for SCS=15KHz





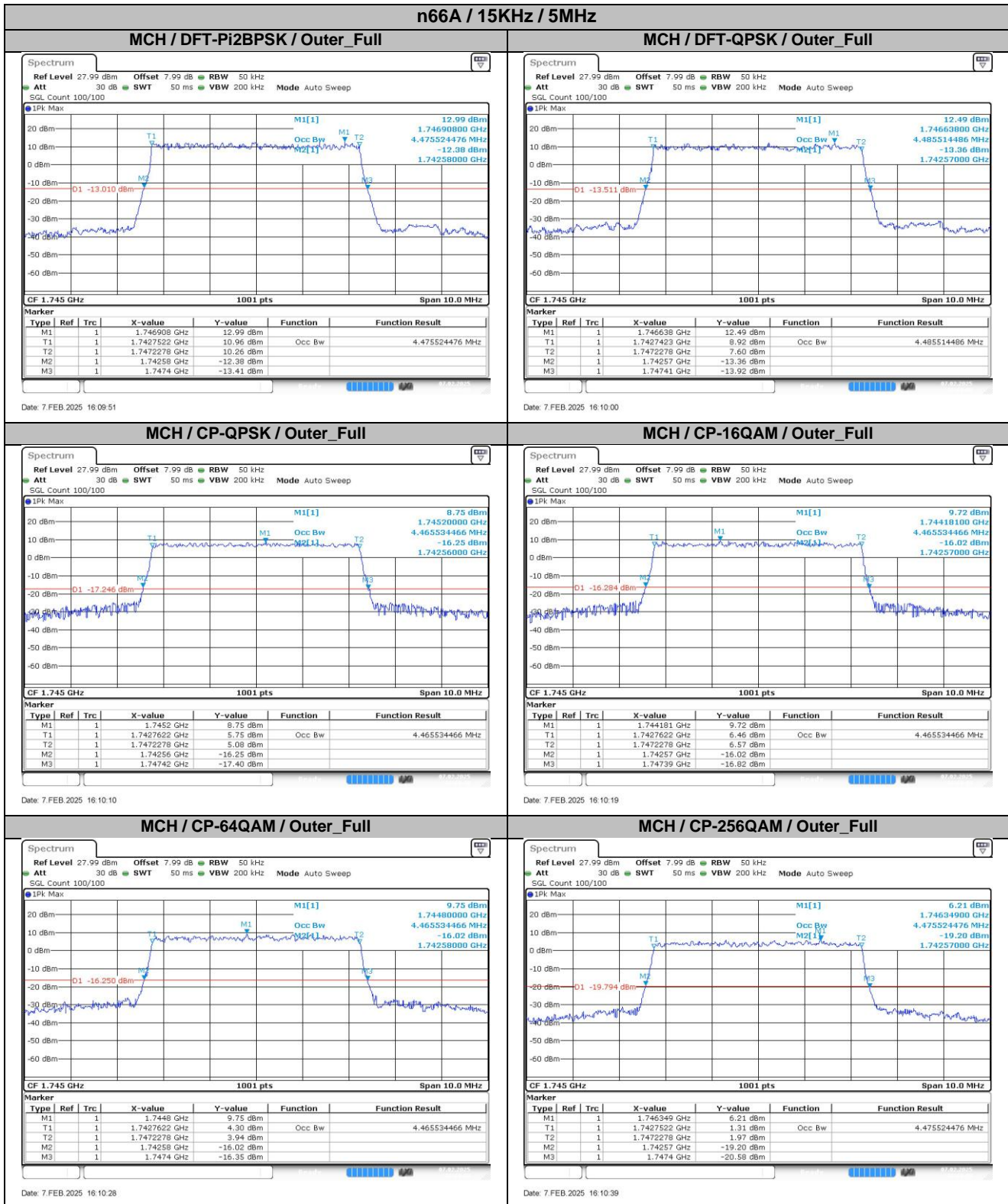
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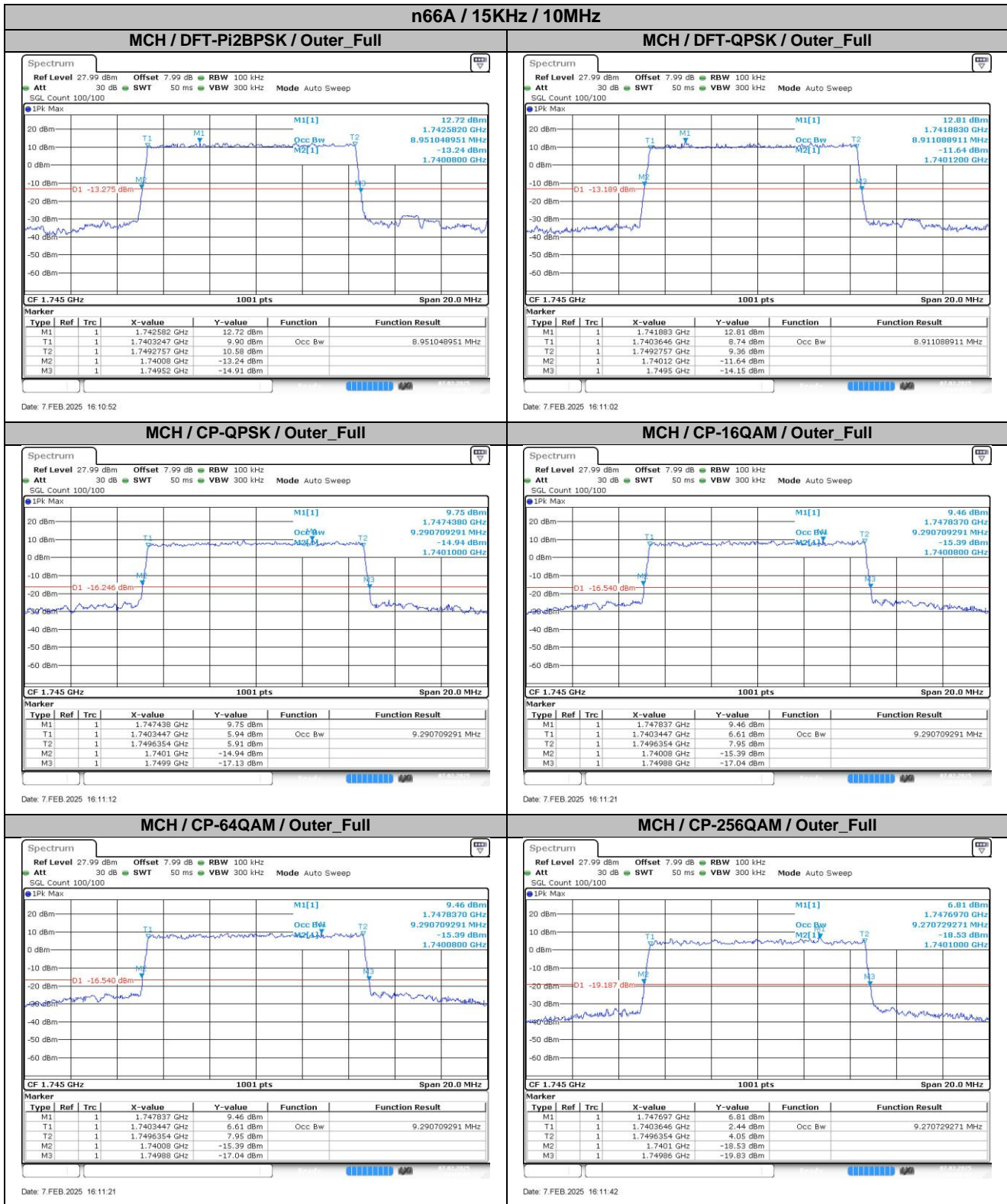
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

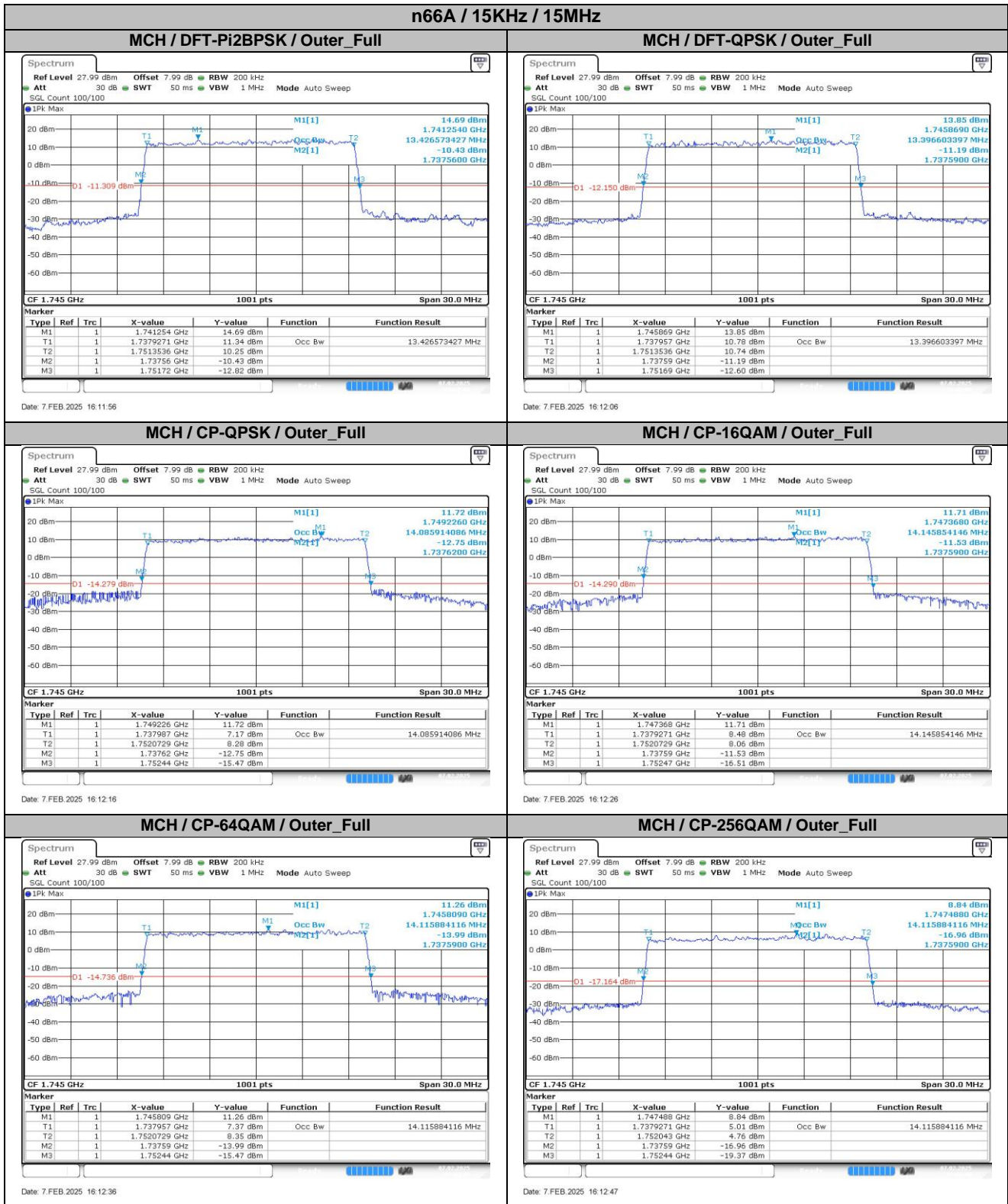
4.1. Test Results

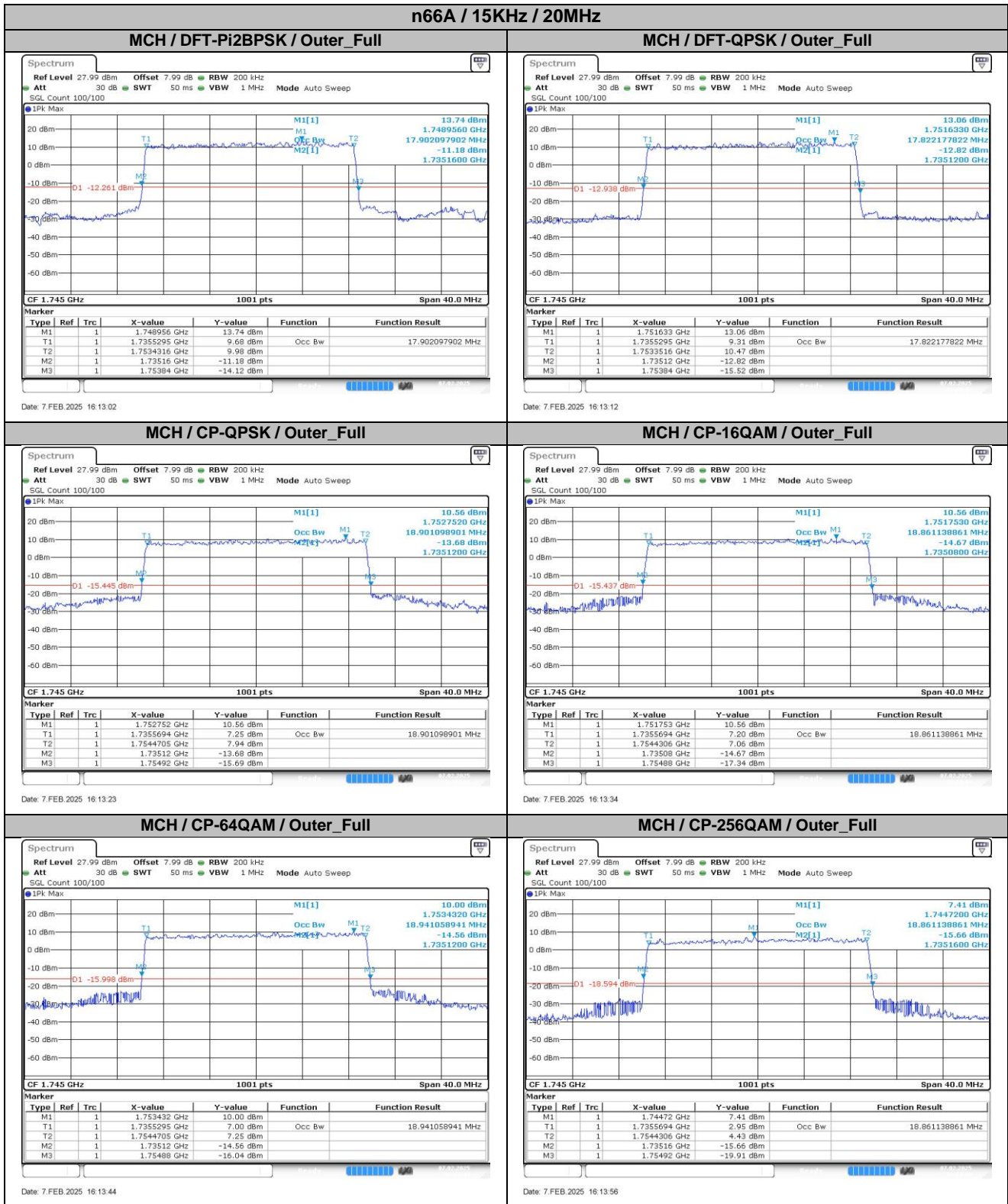
SCS	Bandwidth	Modulation	RB	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.48	4.82	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.49	4.84	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.47	4.86	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.47	4.82	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.47	4.82	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.48	4.83	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.95	9.44	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.91	9.38	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.29	9.80	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.29	9.80	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.37	9.80	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.27	9.76	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.43	14.16	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.40	14.10	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.09	14.82	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.15	14.88	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.12	14.85	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.12	14.85	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.90	18.68	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.82	18.72	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.90	19.80	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.86	19.80	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.94	19.76	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.86	19.76	Pass
15KHz	25MHz	DFT-Pi2BPSK	Outer_Full	22.88	23.90	Pass
15KHz	25MHz	DFT-QPSK	Outer_Full	22.83	23.85	Pass
15KHz	25MHz	CP-QPSK	Outer_Full	23.73	24.75	Pass
15KHz	25MHz	CP-16QAM	Outer_Full	23.68	24.75	Pass
15KHz	25MHz	CP-64QAM	Outer_Full	23.68	24.75	Pass
15KHz	25MHz	CP-256QAM	Outer_Full	23.68	24.80	Pass
15KHz	30MHz	DFT-Pi2BPSK	Outer_Full	28.59	29.76	Pass
15KHz	30MHz	DFT-QPSK	Outer_Full	28.47	29.82	Pass
15KHz	30MHz	CP-QPSK	Outer_Full	28.53	29.76	Pass
15KHz	30MHz	CP-16QAM	Outer_Full	28.47	29.70	Pass
15KHz	30MHz	CP-64QAM	Outer_Full	28.53	29.82	Pass
15KHz	30MHz	CP-256QAM	Outer_Full	28.47	29.76	Pass
15KHz	35MHz	DFT-Pi2BPSK	Outer_Full	32.10	33.74	Pass
15KHz	35MHz	DFT-QPSK	Outer_Full	32.10	33.74	Pass
15KHz	35MHz	CP-QPSK	Outer_Full	33.50	35.21	Pass
15KHz	35MHz	CP-16QAM	Outer_Full	33.50	35.14	Pass
15KHz	35MHz	CP-64QAM	Outer_Full	33.64	35.14	Pass
15KHz	35MHz	CP-256QAM	Outer_Full	33.43	35.21	Pass
15KHz	40MHz	DFT-Pi2BPSK	Outer_Full	38.44	40.32	Pass
15KHz	40MHz	DFT-QPSK	Outer_Full	38.52	40.16	Pass
15KHz	40MHz	CP-QPSK	Outer_Full	38.52	40.08	Pass
15KHz	40MHz	CP-16QAM	Outer_Full	38.44	40.16	Pass
15KHz	40MHz	CP-64QAM	Outer_Full	38.52	40.24	Pass
15KHz	40MHz	CP-256QAM	Outer_Full	38.52	40.24	Pass

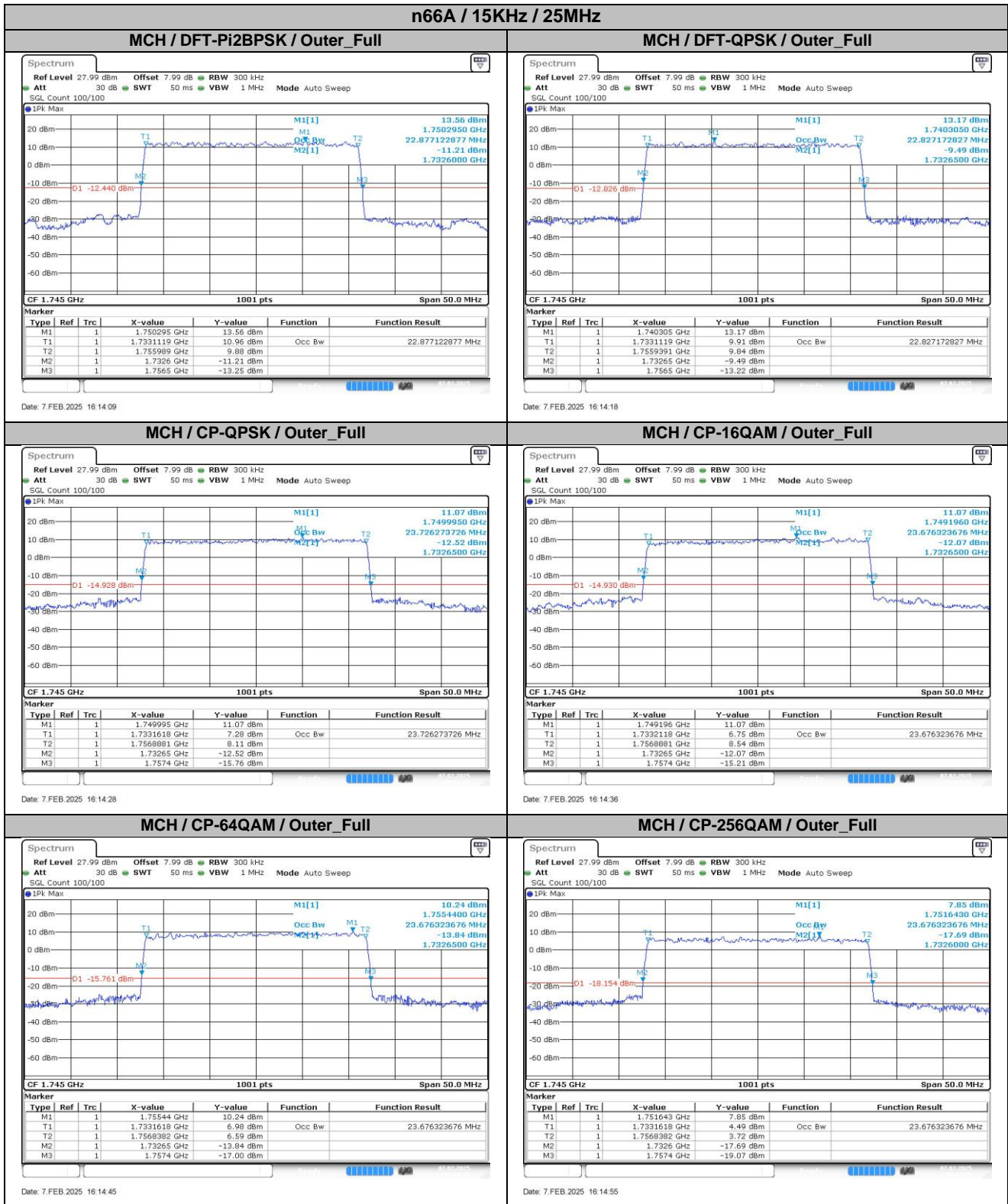
4.2. Test Plots for SCS=15KHz

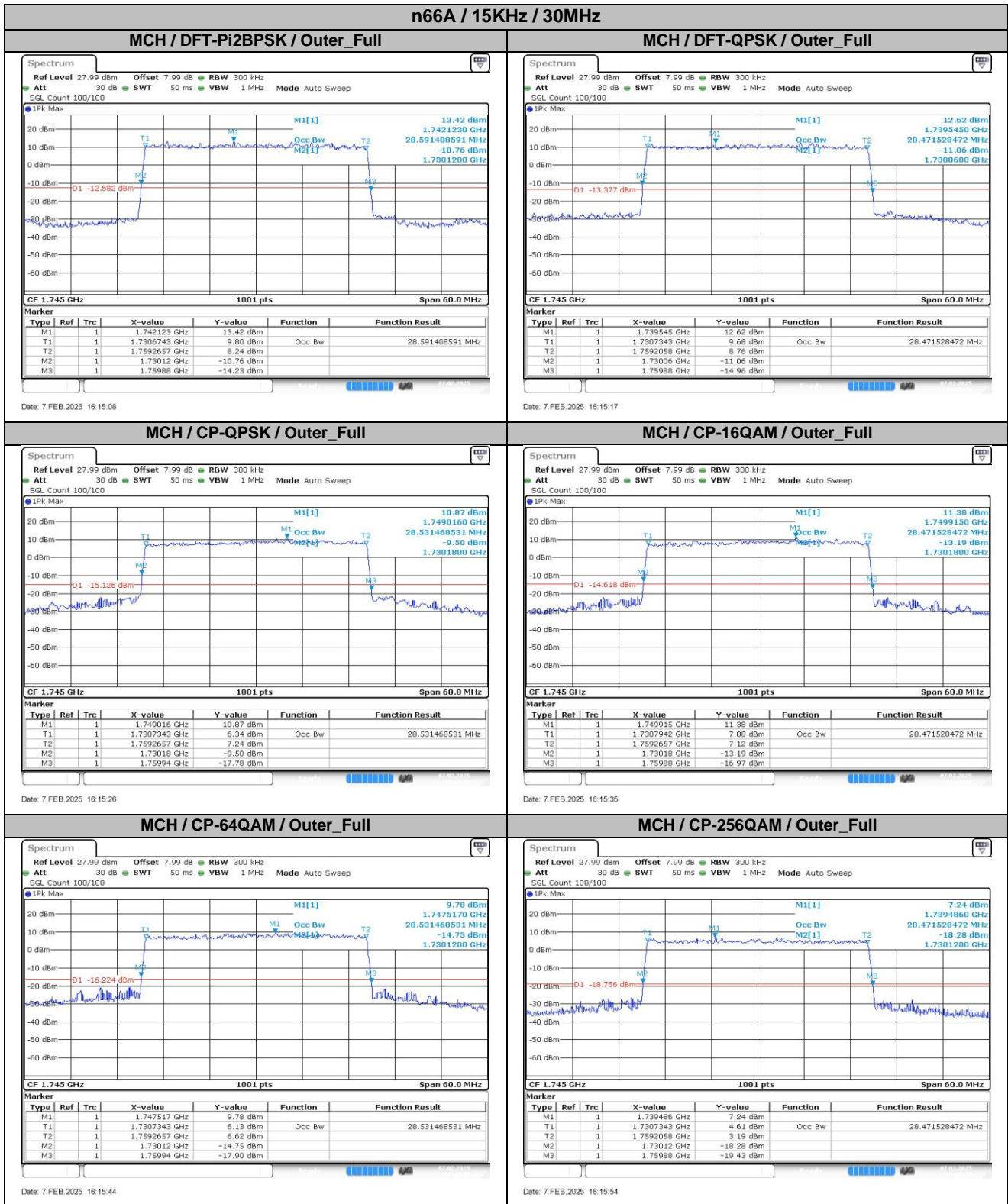


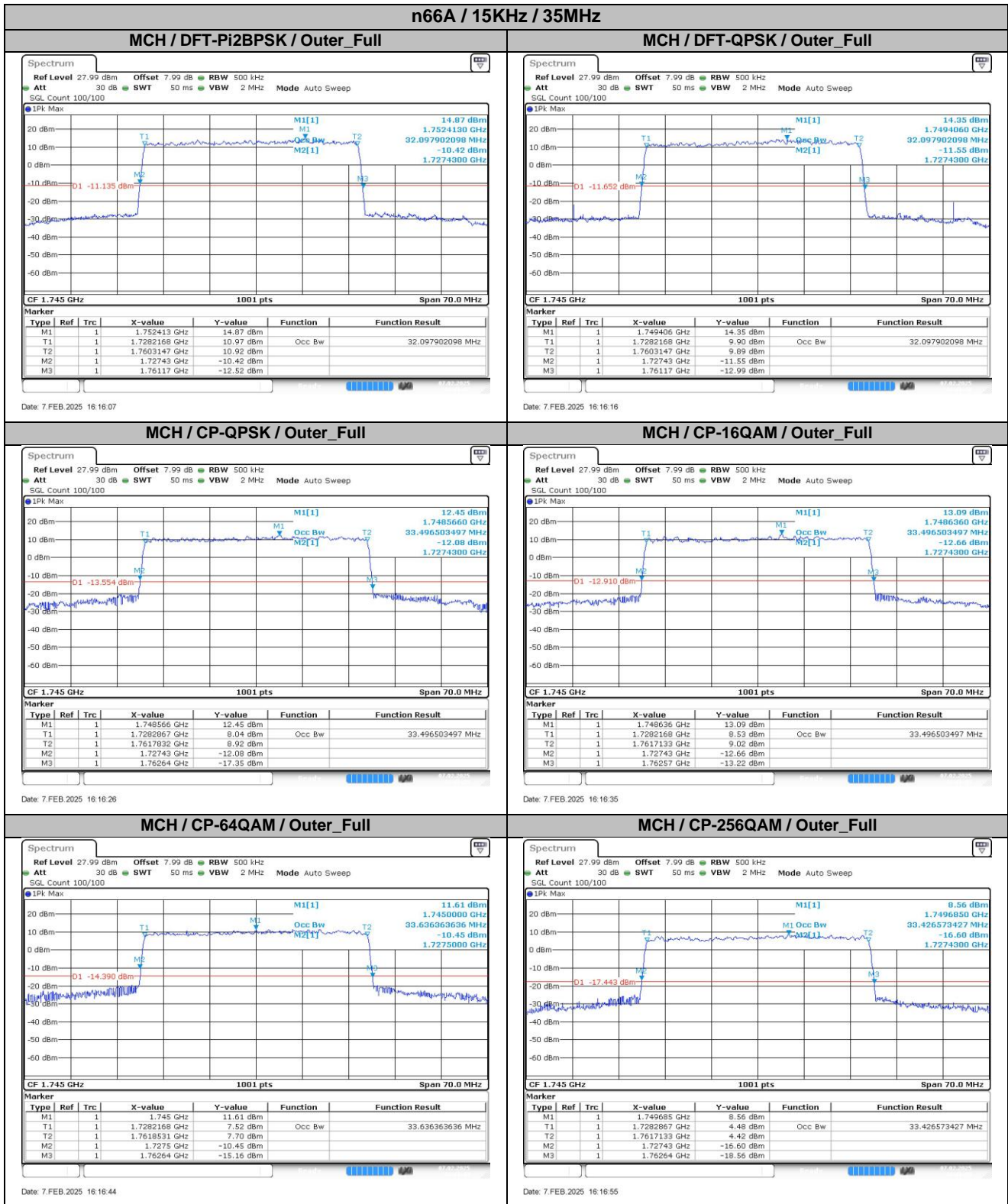


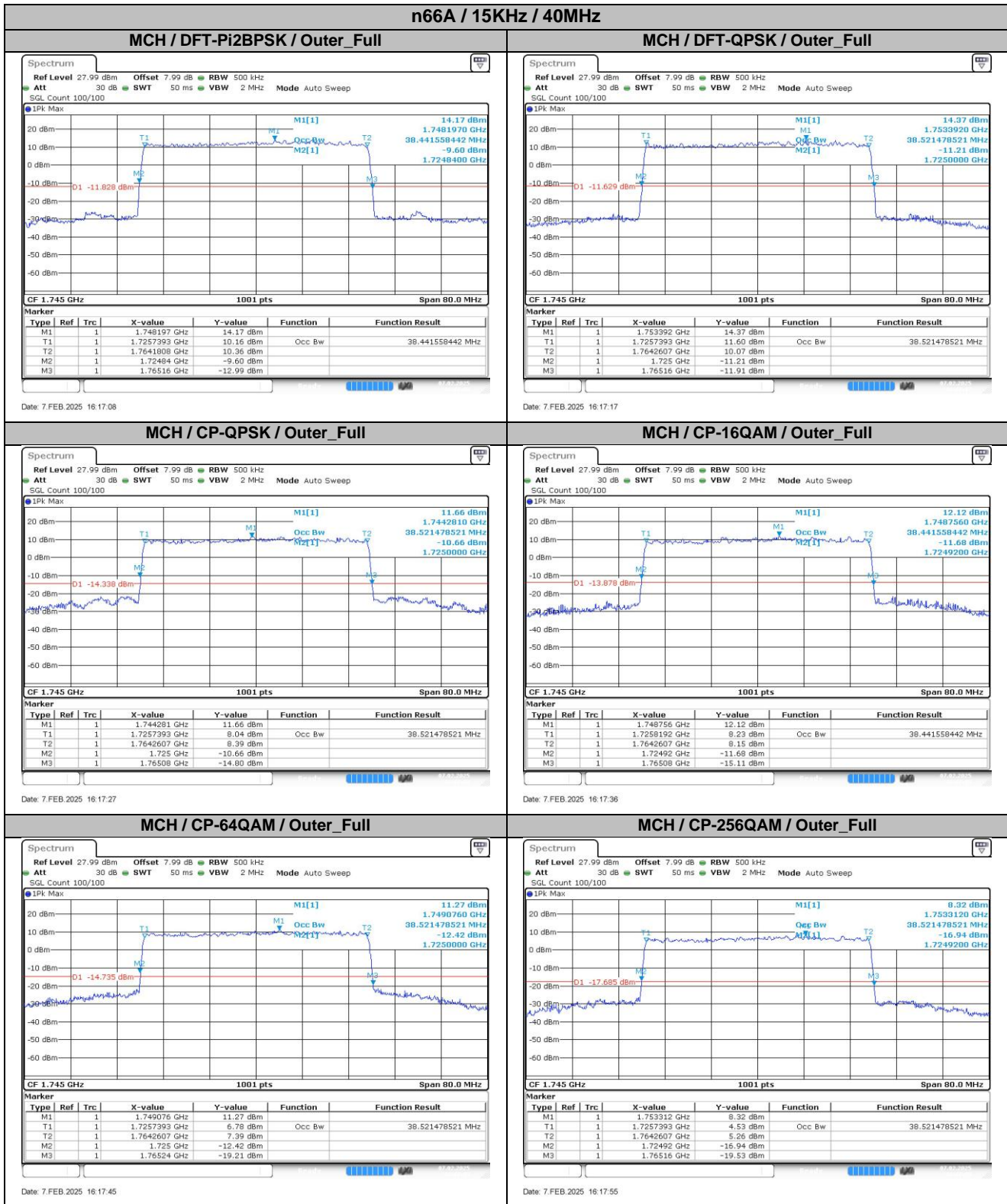












5. Conducted Band Edges

5.1. Test Plots for SCS=15KHz

