

**Appendix
for
n2A
(1850-1910)**

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant1 (Antenna Gain=-4.00dBi)

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	23.21	22.88	22.80	19.21	30.00	Pass
15KHz	5MHz	LCH	DFT-QPSK	22.83	22.80	22.90	18.90	30.00	Pass
15KHz	5MHz	LCH	DFT-16QAM	22.28	22.29	21.88	18.29	30.00	Pass
15KHz	5MHz	LCH	DFT-64QAM	19.87	19.68	20.30	16.30	30.00	Pass
15KHz	5MHz	LCH	DFT-256QAM	19.35	19.17	18.44	15.35	30.00	Pass
15KHz	5MHz	LCH	CP-QPSK	21.70	22.01	21.26	18.01	30.00	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	23.05	23.15	23.08	19.15	30.00	Pass
15KHz	5MHz	MCH	DFT-QPSK	23.04	23.07	23.06	19.07	30.00	Pass
15KHz	5MHz	MCH	DFT-16QAM	22.46	22.32	22.34	18.46	30.00	Pass
15KHz	5MHz	MCH	DFT-64QAM	20.98	21.00	20.66	17.00	30.00	Pass
15KHz	5MHz	MCH	DFT-256QAM	19.08	19.12	18.59	15.12	30.00	Pass
15KHz	5MHz	MCH	CP-QPSK	21.63	21.75	21.62	17.75	30.00	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	22.92	22.81	22.93	18.93	30.00	Pass
15KHz	5MHz	HCH	DFT-QPSK	22.88	22.70	22.93	18.93	30.00	Pass
15KHz	5MHz	HCH	DFT-16QAM	22.09	21.95	22.03	18.09	30.00	Pass
15KHz	5MHz	HCH	DFT-64QAM	20.93	20.80	20.47	16.93	30.00	Pass
15KHz	5MHz	HCH	DFT-256QAM	18.75	18.67	18.58	14.75	30.00	Pass
15KHz	5MHz	HCH	CP-QPSK	21.90	21.86	21.56	17.90	30.00	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	22.79	22.67	22.82	18.82	30.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	23.06	23.13	22.81	19.13	30.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	22.03	21.93	21.99	18.03	30.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	20.58	20.52	20.58	16.58	30.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	18.55	18.44	18.43	14.55	30.00	Pass
15KHz	10MHz	LCH	CP-QPSK	21.63	21.91	21.46	17.91	30.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	23.42	23.37	23.06	19.42	30.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	23.31	23.57	23.07	19.57	30.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	22.35	22.31	22.21	18.35	30.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	20.33	20.46	20.62	16.62	30.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	19.42	19.45	18.60	15.45	30.00	Pass
15KHz	10MHz	MCH	CP-QPSK	21.38	21.22	21.69	17.69	30.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	23.00	22.78	22.89	19.00	30.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	23.34	23.24	22.88	19.34	30.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	22.38	22.20	22.04	18.38	30.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	20.78	20.62	20.56	16.78	30.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	18.72	18.53	18.49	14.72	30.00	Pass
15KHz	10MHz	HCH	CP-QPSK	21.41	21.20	21.55	17.55	30.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	23.14	23.07	22.83	19.14	30.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	22.86	22.43	22.87	18.87	30.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	22.26	22.24	21.87	18.26	30.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	20.44	20.36	20.53	16.53	30.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	18.38	18.23	18.39	14.39	30.00	Pass
15KHz	15MHz	LCH	CP-QPSK	21.35	21.53	21.65	17.65	30.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	23.09	23.11	23.12	19.12	30.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	23.22	23.21	23.12	19.22	30.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	22.42	22.45	22.15	18.45	30.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	21.07	21.16	20.70	17.16	30.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	19.13	19.15	18.58	15.15	30.00	Pass
15KHz	15MHz	MCH	CP-QPSK	21.43	21.47	21.63	17.63	30.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	22.85	22.72	22.84	18.85	30.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	22.81	22.60	22.86	18.86	30.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	22.27	22.06	21.90	18.27	30.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	21.14	20.95	20.39	17.14	30.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	18.85	18.62	18.49	14.85	30.00	Pass
15KHz	15MHz	HCH	CP-QPSK	21.62	21.28	21.45	17.62	30.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	22.77	22.74	22.84	18.84	30.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	23.07	23.03	22.83	19.07	30.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	22.01	22.11	21.97	18.11	30.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	20.75	20.80	20.46	16.80	30.00	Pass
15KHz	20MHz	LCH	DFT-256QAM	18.55	18.54	18.41	14.55	30.00	Pass

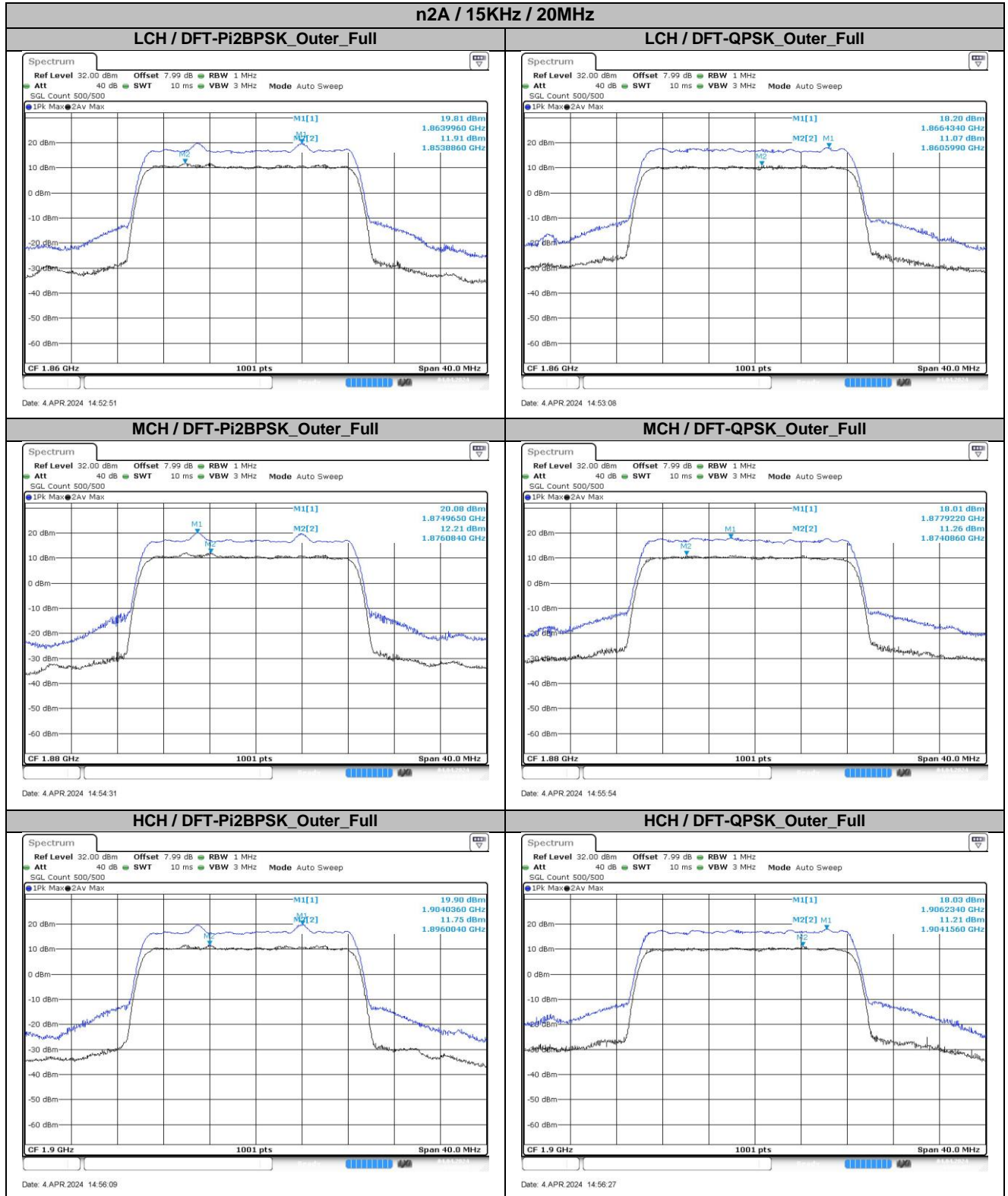
15KHz	20MHz	LCH	CP-QPSK	21.38	21.72	21.39	17.72	30.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.00	23.07	23.13	19.13	30.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	22.73	22.94	23.12	19.12	30.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	22.50	22.55	22.22	18.55	30.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	21.09	21.14	20.76	17.14	30.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	18.97	18.98	18.65	14.98	30.00	Pass
15KHz	20MHz	MCH	CP-QPSK	21.43	21.44	21.77	17.77	30.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	22.81	22.50	22.81	18.81	30.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	22.97	22.68	22.86	18.97	30.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	22.54	22.25	21.97	18.54	30.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	20.40	20.10	20.46	16.46	30.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	18.96	18.65	18.44	14.96	30.00	Pass
15KHz	20MHz	HCH	CP-QPSK	21.63	21.70	21.48	17.70	30.00	Pass

2. Peak-to-Average Ratio

2.1. Test Results

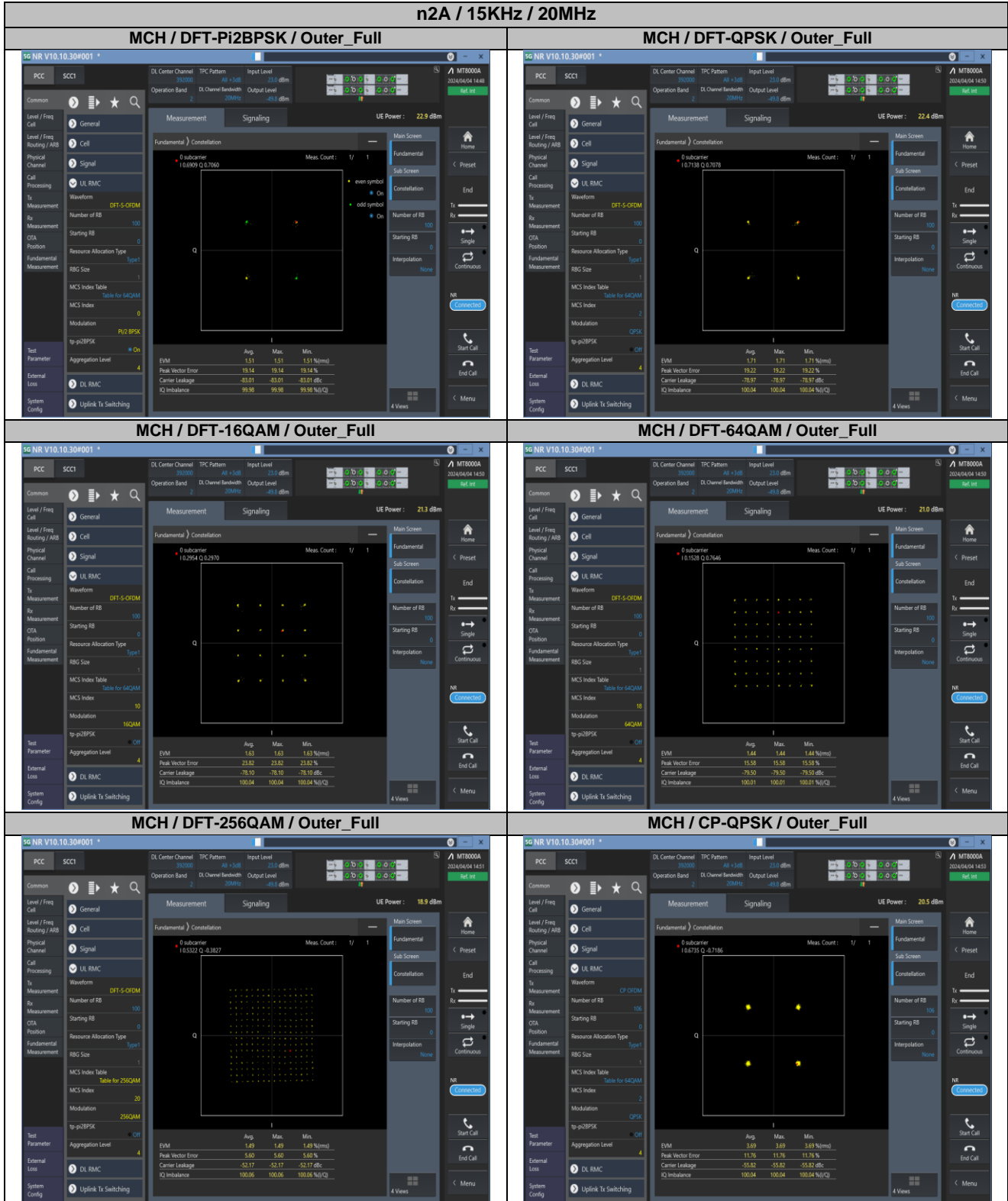
SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	20MHz	LCH	Outer_Full	7.90	7.13	13.00	Pass
15KHz	20MHz	MCH	Outer_Full	7.87	6.75	13.00	Pass
15KHz	20MHz	HCH	Outer_Full	8.15	6.82	13.00	Pass

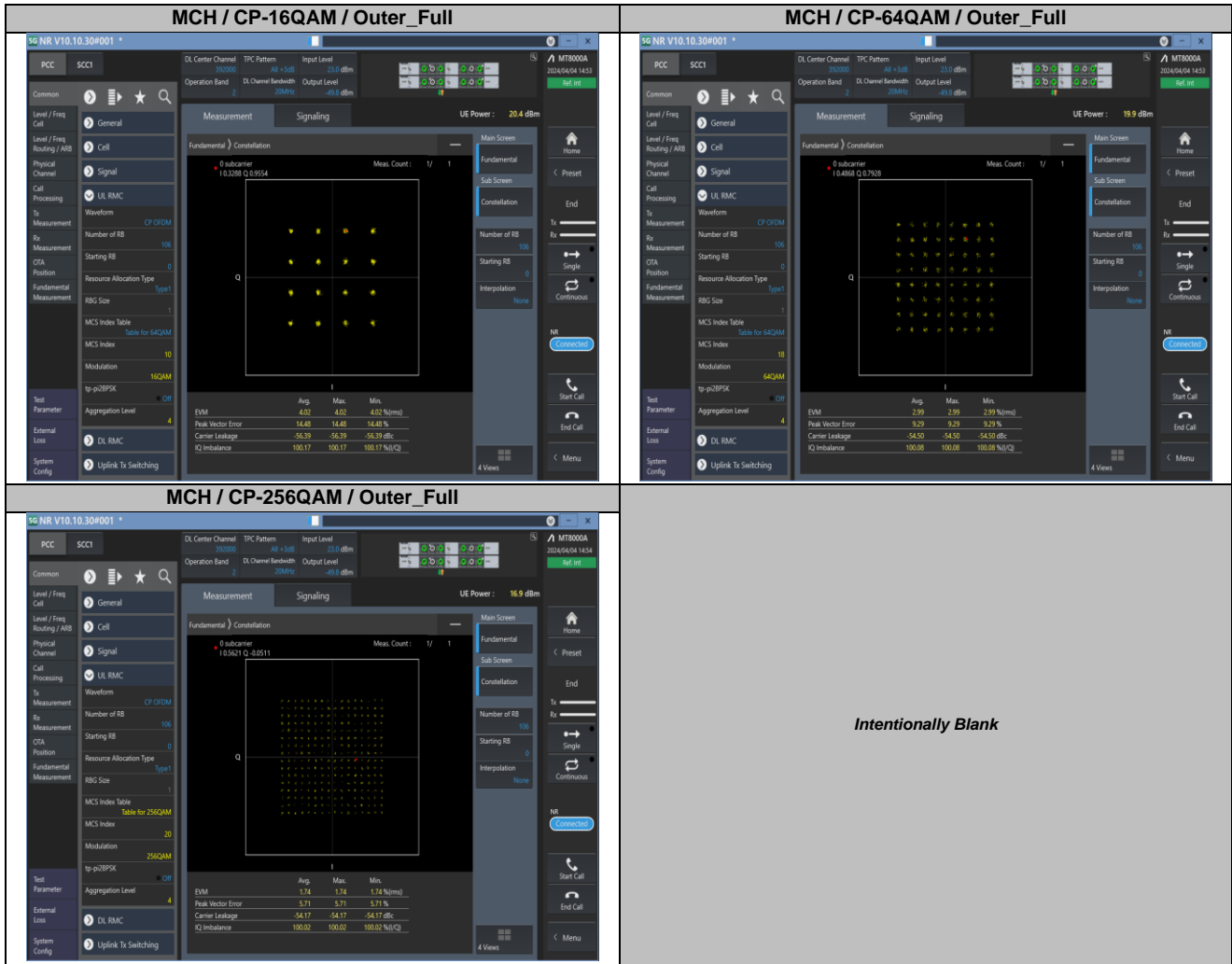
2.2. Test Plots



3. Modulation Characteristics

3.1. Test Plots





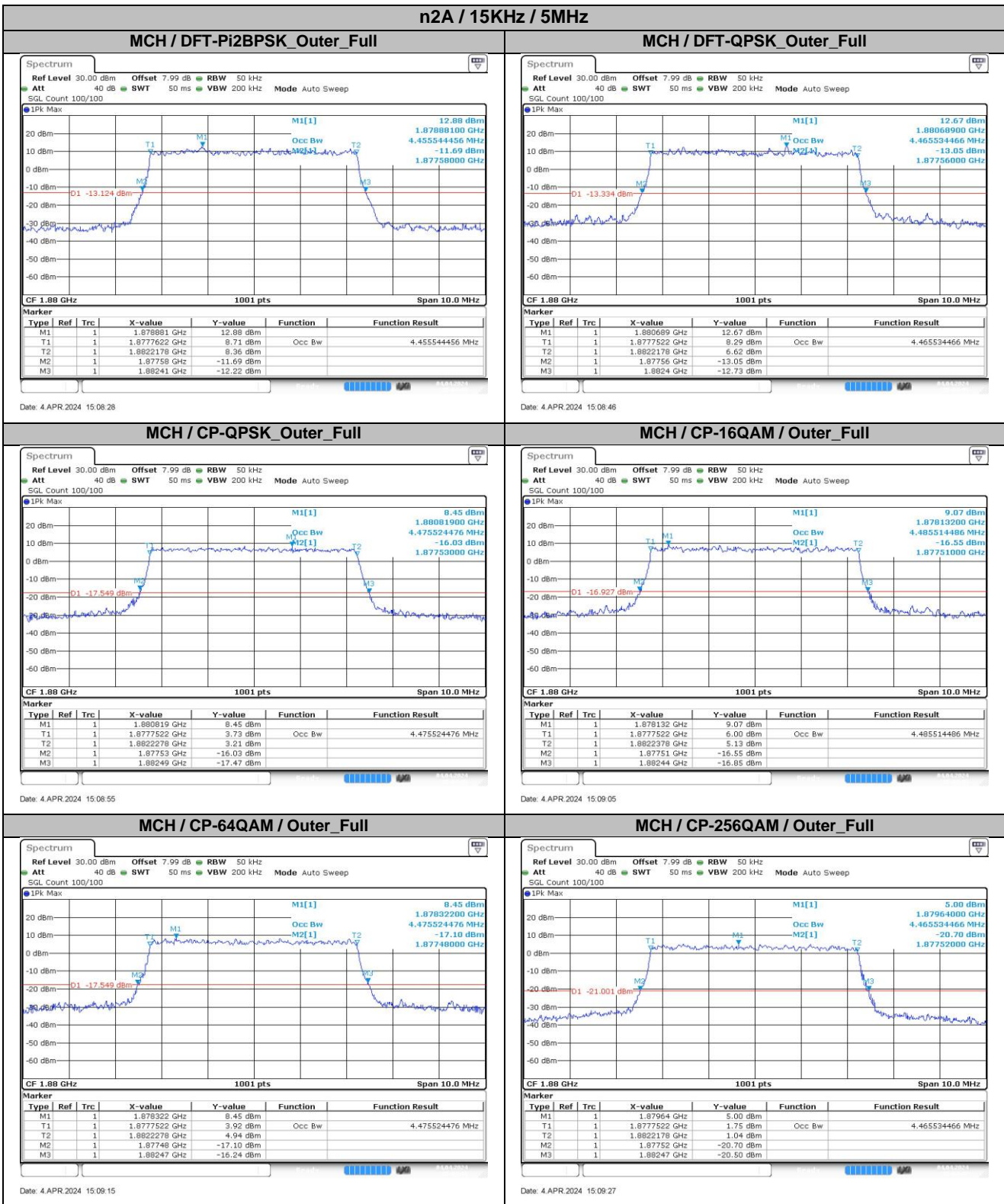
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

4.1. Test Results

SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.46	4.83	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.47	4.84	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.48	4.96	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.49	4.93	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.48	4.99	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.47	4.95	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.91	9.46	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.93	9.58	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.29	10.00	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.29	9.90	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.29	9.86	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.31	9.96	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.43	14.19	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.40	14.22	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.12	14.94	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.12	15.00	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.12	14.97	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.09	14.94	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.82	18.72	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.82	18.76	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.90	19.80	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.98	21.96	Pass

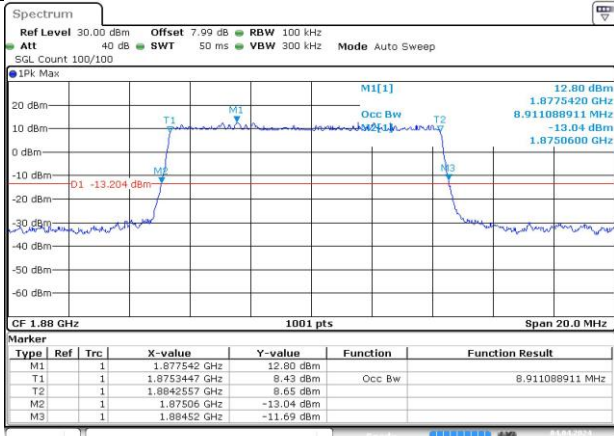
15KHz	20MHz	CP-64QAM	Outer_Full	18.94	20.24	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.98	19.84	Pass

4.2. Test Plots



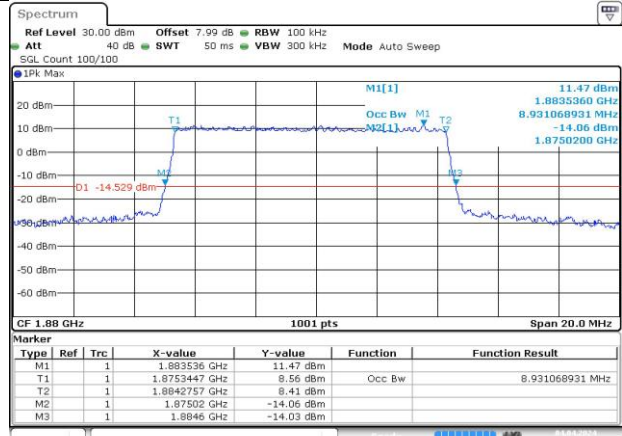
n2A / 15KHz / 10MHz

MCH / DFT-Pi2BPSK_Outer_Full



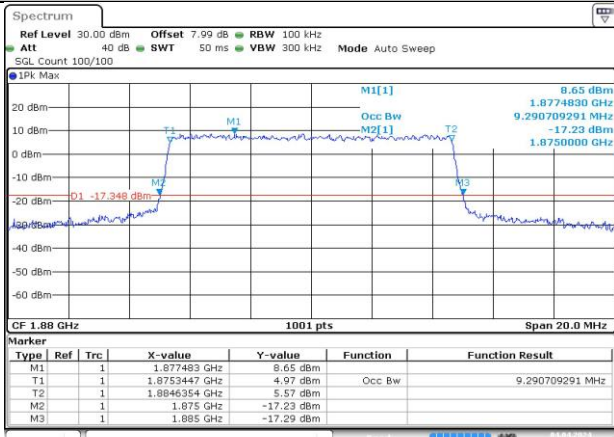
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MCH / DFT-QPSK_Outer_Full



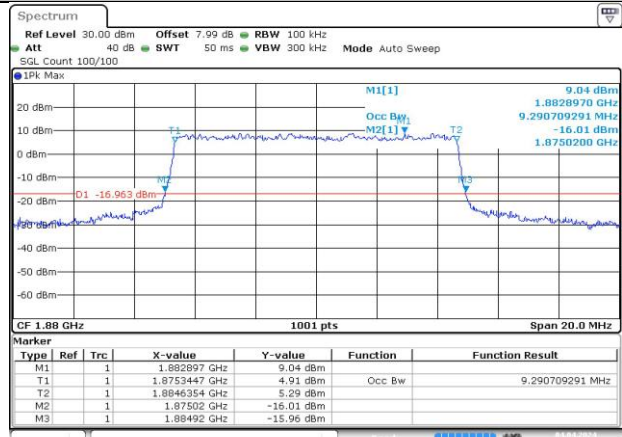
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MCH / CP-QPSK_Outer_Full



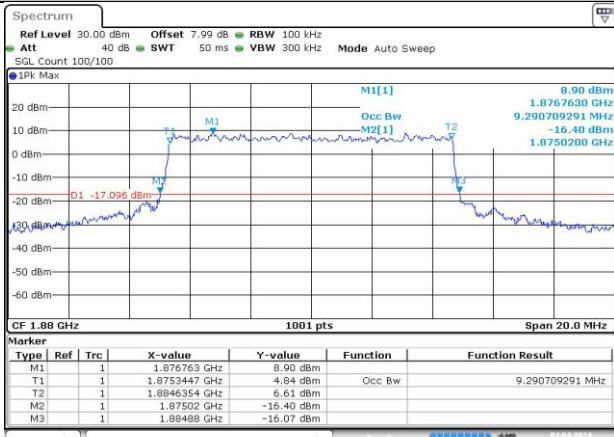
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MCH / CP-16QAM / Outer_Full



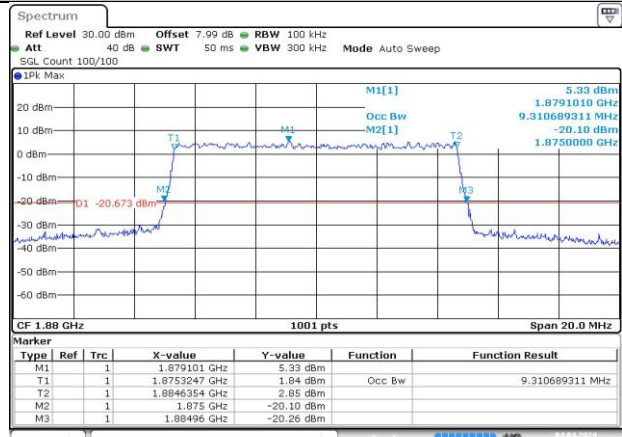
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MCH / CP-64QAM / Outer_Full

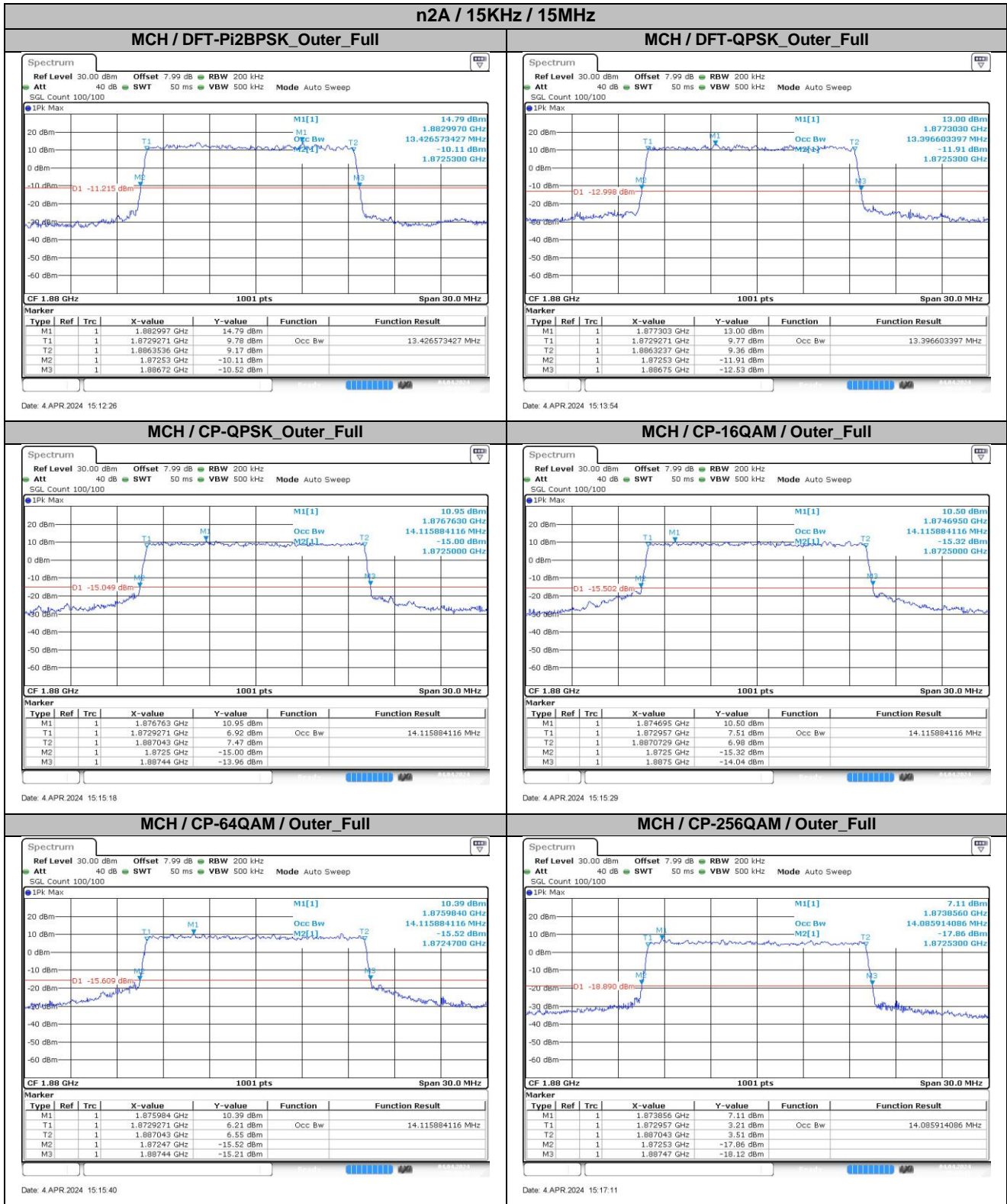


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MCH / CP-256QAM / Outer_Full

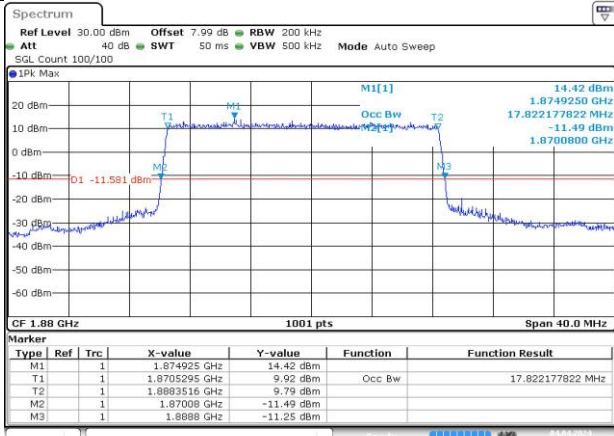


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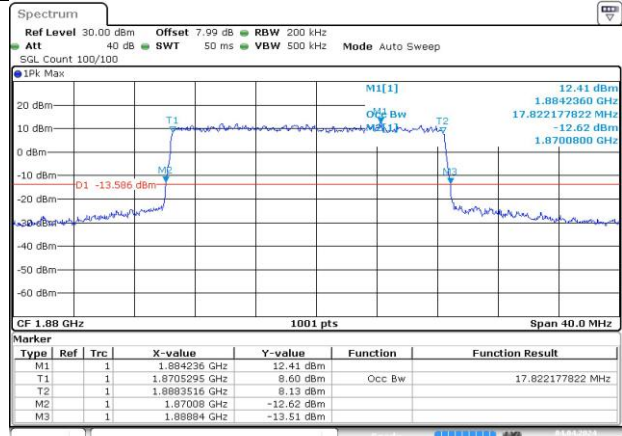
n2A / 15KHz / 20MHz

MCH / DFT-Pi2BPSK_Outer_Full



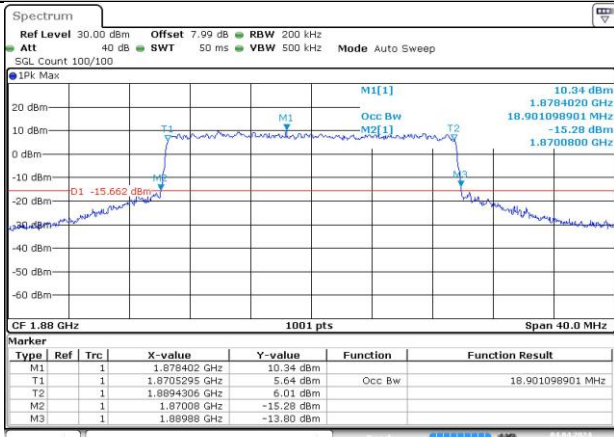
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MCH / DFT-QPSK_Outer_Full



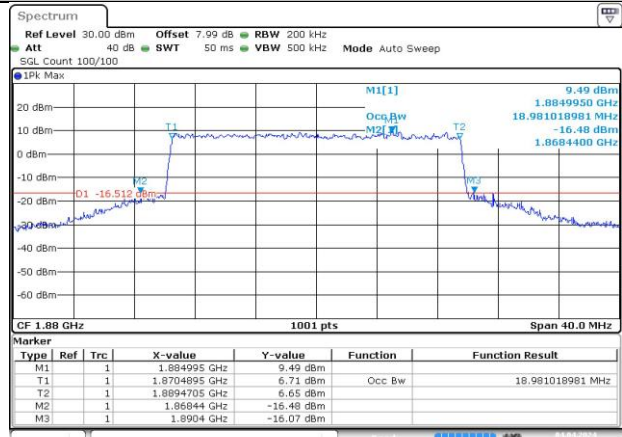
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MCH / CP-QPSK_Outer_Full



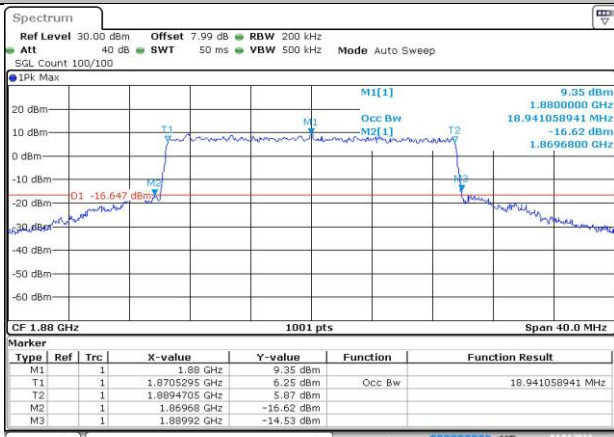
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MCH / CP-16QAM / Outer_Full



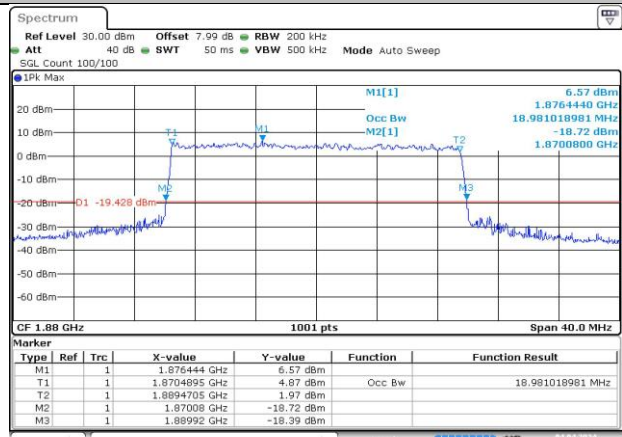
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MCH / CP-64QAM / Outer_Full



Date: 4 APR 2024 15:21:59

MCH / CP-256QAM / Outer_Full



Date: 4 APR 2024 15:23:22

5. Conducted Band Edges

5.1. Test Plots

