

Appendix for n77A (3700-3980)

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant7 (Antenna Gain=-4.30dBi)

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	25.70	25.76	25.78	21.48	30.00	Pass
30KHz	10MHz	LCH	DFT-QPSK	25.62	25.67	25.79	21.49	30.00	Pass
30KHz	10MHz	LCH	DFT-16QAM	24.64	24.72	24.70	20.42	30.00	Pass
30KHz	10MHz	LCH	DFT-64QAM	23.20	23.31	23.27	19.01	30.00	Pass
30KHz	10MHz	LCH	DFT-256QAM	21.29	21.12	21.27	16.99	30.00	Pass
30KHz	10MHz	LCH	CP-QPSK	24.15	24.22	24.27	19.97	30.00	Pass
30KHz	10MHz	MCH	DFT-Pi2BPSK	25.84	25.91	25.91	21.61	30.00	Pass
30KHz	10MHz	MCH	DFT-QPSK	25.82	25.90	25.91	21.61	30.00	Pass
30KHz	10MHz	MCH	DFT-16QAM	24.79	24.80	24.86	20.56	30.00	Pass
30KHz	10MHz	MCH	DFT-64QAM	23.35	23.34	23.41	19.11	30.00	Pass
30KHz	10MHz	MCH	DFT-256QAM	21.33	21.40	21.40	17.10	30.00	Pass
30KHz	10MHz	MCH	CP-QPSK	24.40	24.42	24.44	20.14	30.00	Pass
30KHz	10MHz	HCH	DFT-Pi2BPSK	26.03	26.06	26.11	21.81	30.00	Pass
30KHz	10MHz	HCH	DFT-QPSK	26.03	26.04	26.07	21.77	30.00	Pass
30KHz	10MHz	HCH	DFT-16QAM	24.96	24.97	25.06	20.76	30.00	Pass
30KHz	10MHz	HCH	DFT-64QAM	23.55	23.62	23.55	19.32	30.00	Pass
30KHz	10MHz	HCH	DFT-256QAM	21.53	21.62	21.57	17.32	30.00	Pass
30KHz	10MHz	HCH	CP-QPSK	24.52	24.60	24.54	20.30	30.00	Pass
30KHz	15MHz	LCH	DFT-Pi2BPSK	25.91	25.90	25.93	21.63	30.00	Pass
30KHz	15MHz	LCH	DFT-QPSK	25.90	25.90	25.93	21.63	30.00	Pass
30KHz	15MHz	LCH	DFT-16QAM	24.82	24.88	24.98	20.68	30.00	Pass
30KHz	15MHz	LCH	DFT-64QAM	23.43	23.46	23.35	19.16	30.00	Pass
30KHz	15MHz	LCH	DFT-256QAM	21.41	21.43	21.47	17.17	30.00	Pass
30KHz	15MHz	LCH	CP-QPSK	24.50	24.54	24.39	20.24	30.00	Pass
30KHz	15MHz	MCH	DFT-Pi2BPSK	26.04	26.30	26.19	22.00	30.00	Pass
30KHz	15MHz	MCH	DFT-QPSK	25.99	26.23	26.19	21.93	30.00	Pass
30KHz	15MHz	MCH	DFT-16QAM	25.04	25.14	25.19	20.89	30.00	Pass
30KHz	15MHz	MCH	DFT-64QAM	23.60	23.67	23.62	19.37	30.00	Pass
30KHz	15MHz	MCH	DFT-256QAM	21.64	21.79	21.69	17.49	30.00	Pass
30KHz	15MHz	MCH	CP-QPSK	24.74	24.73	24.68	20.44	30.00	Pass
30KHz	15MHz	HCH	DFT-Pi2BPSK	26.16	26.23	26.16	21.93	30.00	Pass
30KHz	15MHz	HCH	DFT-QPSK	26.15	26.17	26.16	21.87	30.00	Pass
30KHz	15MHz	HCH	DFT-16QAM	25.01	25.08	25.23	20.93	30.00	Pass
30KHz	15MHz	HCH	DFT-64QAM	23.62	23.70	23.59	19.40	30.00	Pass
30KHz	15MHz	HCH	DFT-256QAM	21.57	21.68	21.64	17.38	30.00	Pass
30KHz	15MHz	HCH	CP-QPSK	24.77	24.62	24.68	20.47	30.00	Pass
30KHz	20MHz	LCH	DFT-Pi2BPSK	25.84	25.91	25.91	21.61	30.00	Pass
30KHz	20MHz	LCH	DFT-QPSK	25.82	25.81	25.76	21.52	30.00	Pass
30KHz	20MHz	LCH	DFT-16QAM	24.83	24.78	24.91	20.61	30.00	Pass
30KHz	20MHz	LCH	DFT-64QAM	23.28	23.32	23.40	19.10	30.00	Pass
30KHz	20MHz	LCH	DFT-256QAM	21.36	21.41	21.31	17.11	30.00	Pass
30KHz	20MHz	LCH	CP-QPSK	24.26	24.40	24.40	20.10	30.00	Pass
30KHz	20MHz	MCH	DFT-Pi2BPSK	26.01	26.26	26.13	21.96	30.00	Pass
30KHz	20MHz	MCH	DFT-QPSK	25.99	26.20	26.15	21.90	30.00	Pass
30KHz	20MHz	MCH	DFT-16QAM	24.90	25.17	25.15	20.87	30.00	Pass
30KHz	20MHz	MCH	DFT-64QAM	23.37	23.68	23.61	19.38	30.00	Pass
30KHz	20MHz	MCH	DFT-256QAM	21.63	21.78	21.62	17.48	30.00	Pass
30KHz	20MHz	MCH	CP-QPSK	24.40	24.73	24.66	20.43	30.00	Pass
30KHz	20MHz	HCH	DFT-Pi2BPSK	26.11	26.18	26.16	21.88	30.00	Pass
30KHz	20MHz	HCH	DFT-QPSK	26.08	26.18	26.11	21.88	30.00	Pass
30KHz	20MHz	HCH	DFT-16QAM	25.10	25.23	25.19	20.93	30.00	Pass
30KHz	20MHz	HCH	DFT-64QAM	23.58	23.67	23.60	19.37	30.00	Pass
30KHz	20MHz	HCH	DFT-256QAM	21.62	21.68	21.59	17.38	30.00	Pass
30KHz	20MHz	HCH	CP-QPSK	24.65	24.64	24.63	20.35	30.00	Pass
30KHz	30MHz	LCH	DFT-Pi2BPSK	25.88	26.02	25.92	21.72	30.00	Pass
30KHz	30MHz	LCH	DFT-QPSK	25.87	25.99	25.92	21.69	30.00	Pass
30KHz	30MHz	LCH	DFT-16QAM	24.82	24.96	24.89	20.66	30.00	Pass
30KHz	30MHz	LCH	DFT-64QAM	23.41	23.59	23.33	19.29	30.00	Pass

30KHz	30MHz	LCH	DFT-256QAM	21.40	21.56	21.37	17.26	30.00	Pass
30KHz	30MHz	LCH	CP-QPSK	24.51	24.68	24.41	20.38	30.00	Pass
30KHz	30MHz	MCH	DFT-Pi2BPSK	25.96	26.31	26.03	22.01	30.00	Pass
30KHz	30MHz	MCH	DFT-QPSK	26.04	26.28	26.15	21.98	30.00	Pass
30KHz	30MHz	MCH	DFT-16QAM	24.88	25.23	24.99	20.93	30.00	Pass
30KHz	30MHz	MCH	DFT-64QAM	23.45	23.79	23.54	19.49	30.00	Pass
30KHz	30MHz	MCH	DFT-256QAM	21.54	21.84	21.54	17.54	30.00	Pass
30KHz	30MHz	MCH	CP-QPSK	24.58	24.79	24.64	20.49	30.00	Pass
30KHz	30MHz	HCH	DFT-Pi2BPSK	26.28	26.21	26.10	21.98	30.00	Pass
30KHz	30MHz	HCH	DFT-QPSK	26.23	26.24	26.15	21.94	30.00	Pass
30KHz	30MHz	HCH	DFT-16QAM	25.23	25.12	25.17	20.93	30.00	Pass
30KHz	30MHz	HCH	DFT-64QAM	23.79	23.74	23.54	19.49	30.00	Pass
30KHz	30MHz	HCH	DFT-256QAM	21.78	21.65	21.62	17.48	30.00	Pass
30KHz	30MHz	HCH	CP-QPSK	24.89	24.70	24.63	20.59	30.00	Pass
30KHz	40MHz	LCH	DFT-Pi2BPSK	26.00	26.10	25.87	21.80	30.00	Pass
30KHz	40MHz	LCH	DFT-QPSK	26.06	26.11	25.93	21.81	30.00	Pass
30KHz	40MHz	LCH	DFT-16QAM	25.00	25.21	24.91	20.91	30.00	Pass
30KHz	40MHz	LCH	DFT-64QAM	23.51	23.66	23.32	19.36	30.00	Pass
30KHz	40MHz	LCH	DFT-256QAM	21.53	21.68	21.41	17.38	30.00	Pass
30KHz	40MHz	LCH	CP-QPSK	24.49	24.61	24.33	20.31	30.00	Pass
30KHz	40MHz	MCH	DFT-Pi2BPSK	26.16	26.33	26.20	22.03	30.00	Pass
30KHz	40MHz	MCH	DFT-QPSK	26.03	26.35	26.16	22.05	30.00	Pass
30KHz	40MHz	MCH	DFT-16QAM	25.12	25.36	25.12	21.06	30.00	Pass
30KHz	40MHz	MCH	DFT-64QAM	23.63	23.89	23.64	19.59	30.00	Pass
30KHz	40MHz	MCH	DFT-256QAM	21.62	21.96	21.72	17.66	30.00	Pass
30KHz	40MHz	MCH	CP-QPSK	24.67	24.84	24.70	20.54	30.00	Pass
30KHz	40MHz	HCH	DFT-Pi2BPSK	26.45	26.34	26.21	22.15	30.00	Pass
30KHz	40MHz	HCH	DFT-QPSK	26.42	26.33	26.17	22.12	30.00	Pass
30KHz	40MHz	HCH	DFT-16QAM	25.50	25.39	25.24	21.20	30.00	Pass
30KHz	40MHz	HCH	DFT-64QAM	23.92	23.92	23.67	19.62	30.00	Pass
30KHz	40MHz	HCH	DFT-256QAM	21.96	21.86	21.72	17.66	30.00	Pass
30KHz	40MHz	HCH	CP-QPSK	24.98	24.83	24.73	20.68	30.00	Pass
30KHz	50MHz	LCH	DFT-Pi2BPSK	25.77	25.79	25.88	21.58	30.00	Pass
30KHz	50MHz	LCH	DFT-QPSK	25.77	25.69	25.80	21.50	30.00	Pass
30KHz	50MHz	LCH	DFT-16QAM	24.71	24.73	24.78	20.48	30.00	Pass
30KHz	50MHz	LCH	DFT-64QAM	23.19	23.22	23.38	19.08	30.00	Pass
30KHz	50MHz	LCH	DFT-256QAM	21.31	21.38	21.33	17.08	30.00	Pass
30KHz	50MHz	LCH	CP-QPSK	24.38	24.31	24.32	20.08	30.00	Pass
30KHz	50MHz	MCH	DFT-Pi2BPSK	25.84	26.14	25.99	21.84	30.00	Pass
30KHz	50MHz	MCH	DFT-QPSK	25.79	26.06	25.96	21.76	30.00	Pass
30KHz	50MHz	MCH	DFT-16QAM	24.79	25.13	24.93	20.83	30.00	Pass
30KHz	50MHz	MCH	DFT-64QAM	23.28	23.66	23.51	19.36	30.00	Pass
30KHz	50MHz	MCH	DFT-256QAM	21.37	21.62	21.50	17.32	30.00	Pass
30KHz	50MHz	MCH	CP-QPSK	24.34	24.59	24.45	20.29	30.00	Pass
30KHz	50MHz	HCH	DFT-Pi2BPSK	26.17	25.99	26.02	21.87	30.00	Pass
30KHz	50MHz	HCH	DFT-QPSK	26.30	25.97	26.01	22.00	30.00	Pass
30KHz	50MHz	HCH	DFT-16QAM	25.12	24.98	25.04	20.82	30.00	Pass
30KHz	50MHz	HCH	DFT-64QAM	23.66	23.46	23.56	19.36	30.00	Pass
30KHz	50MHz	HCH	DFT-256QAM	21.74	21.53	21.47	17.44	30.00	Pass
30KHz	50MHz	HCH	CP-QPSK	24.72	24.41	24.54	20.42	30.00	Pass
30KHz	60MHz	LCH	DFT-Pi2BPSK	25.71	25.80	25.73	21.50	30.00	Pass
30KHz	60MHz	LCH	DFT-QPSK	25.63	25.70	25.79	21.49	30.00	Pass
30KHz	60MHz	LCH	DFT-16QAM	24.68	24.86	24.76	20.56	30.00	Pass
30KHz	60MHz	LCH	DFT-64QAM	23.15	23.24	23.26	18.96	30.00	Pass
30KHz	60MHz	LCH	DFT-256QAM	21.20	21.38	21.28	17.08	30.00	Pass
30KHz	60MHz	LCH	CP-QPSK	24.26	24.26	24.29	19.99	30.00	Pass
30KHz	60MHz	MCH	DFT-Pi2BPSK	25.85	26.07	25.92	21.77	30.00	Pass
30KHz	60MHz	MCH	DFT-QPSK	25.74	26.02	25.94	21.72	30.00	Pass
30KHz	60MHz	MCH	DFT-16QAM	24.77	25.06	24.93	20.76	30.00	Pass
30KHz	60MHz	MCH	DFT-64QAM	23.29	23.52	23.44	19.22	30.00	Pass
30KHz	60MHz	MCH	DFT-256QAM	21.32	21.59	21.48	17.29	30.00	Pass
30KHz	60MHz	MCH	CP-QPSK	24.35	24.49	24.45	20.19	30.00	Pass

30KHz	60MHz	HCH	DFT-Pi2BPSK	26.22	25.99	26.09	21.92	30.00	Pass
30KHz	60MHz	HCH	DFT-QPSK	26.16	25.96	26.15	21.86	30.00	Pass
30KHz	60MHz	HCH	DFT-16QAM	25.26	25.05	25.13	20.96	30.00	Pass
30KHz	60MHz	HCH	DFT-64QAM	23.70	23.48	23.57	19.40	30.00	Pass
30KHz	60MHz	HCH	DFT-256QAM	21.70	21.58	21.52	17.40	30.00	Pass
30KHz	60MHz	HCH	CP-QPSK	24.81	24.46	24.62	20.51	30.00	Pass
30KHz	70MHz	LCH	DFT-Pi2BPSK	25.61	25.76	25.72	21.46	30.00	Pass
30KHz	70MHz	LCH	DFT-QPSK	25.53	25.72	25.76	21.46	30.00	Pass
30KHz	70MHz	LCH	DFT-16QAM	24.60	24.69	24.69	20.39	30.00	Pass
30KHz	70MHz	LCH	DFT-64QAM	22.99	23.24	23.24	18.94	30.00	Pass
30KHz	70MHz	LCH	DFT-256QAM	21.09	21.24	21.17	16.94	30.00	Pass
30KHz	70MHz	LCH	CP-QPSK	24.04	24.21	24.23	19.93	30.00	Pass
30KHz	70MHz	MCH	DFT-Pi2BPSK	25.79	25.84	25.86	21.56	30.00	Pass
30KHz	70MHz	MCH	DFT-QPSK	25.71	25.80	25.83	21.53	30.00	Pass
30KHz	70MHz	MCH	DFT-16QAM	24.75	24.82	24.79	20.52	30.00	Pass
30KHz	70MHz	MCH	DFT-64QAM	23.24	23.29	23.34	19.04	30.00	Pass
30KHz	70MHz	MCH	DFT-256QAM	21.31	21.36	21.28	17.06	30.00	Pass
30KHz	70MHz	MCH	CP-QPSK	24.34	24.40	24.31	20.10	30.00	Pass
30KHz	70MHz	HCH	DFT-Pi2BPSK	26.01	26.04	26.16	21.86	30.00	Pass
30KHz	70MHz	HCH	DFT-QPSK	25.89	26.01	26.20	21.90	30.00	Pass
30KHz	70MHz	HCH	DFT-16QAM	24.93	24.96	25.13	20.83	30.00	Pass
30KHz	70MHz	HCH	DFT-64QAM	23.36	23.41	23.69	19.39	30.00	Pass
30KHz	70MHz	HCH	DFT-256QAM	21.40	21.46	21.62	17.32	30.00	Pass
30KHz	70MHz	HCH	CP-QPSK	24.50	24.57	24.66	20.36	30.00	Pass
30KHz	80MHz	LCH	DFT-Pi2BPSK	25.52	25.79	25.70	21.49	30.00	Pass
30KHz	80MHz	LCH	DFT-QPSK	25.46	25.87	25.68	21.57	30.00	Pass
30KHz	80MHz	LCH	DFT-16QAM	24.43	24.81	24.71	20.51	30.00	Pass
30KHz	80MHz	LCH	DFT-64QAM	23.08	23.32	23.22	19.02	30.00	Pass
30KHz	80MHz	LCH	DFT-256QAM	21.05	21.32	21.14	17.02	30.00	Pass
30KHz	80MHz	LCH	CP-QPSK	23.94	24.32	24.17	20.02	30.00	Pass
30KHz	80MHz	MCH	DFT-Pi2BPSK	25.66	25.88	25.82	21.58	30.00	Pass
30KHz	80MHz	MCH	DFT-QPSK	25.76	25.91	25.85	21.61	30.00	Pass
30KHz	80MHz	MCH	DFT-16QAM	24.73	24.74	24.84	20.54	30.00	Pass
30KHz	80MHz	MCH	DFT-64QAM	23.33	23.32	23.32	19.03	30.00	Pass
30KHz	80MHz	MCH	DFT-256QAM	21.26	21.33	21.31	17.03	30.00	Pass
30KHz	80MHz	MCH	CP-QPSK	24.35	24.29	24.36	20.06	30.00	Pass
30KHz	80MHz	HCH	DFT-Pi2BPSK	25.63	25.92	26.11	21.81	30.00	Pass
30KHz	80MHz	HCH	DFT-QPSK	25.62	25.96	26.17	21.87	30.00	Pass
30KHz	80MHz	HCH	DFT-16QAM	24.65	24.82	25.11	20.81	30.00	Pass
30KHz	80MHz	HCH	DFT-64QAM	23.16	23.47	23.51	19.21	30.00	Pass
30KHz	80MHz	HCH	DFT-256QAM	21.20	21.44	21.59	17.29	30.00	Pass
30KHz	80MHz	HCH	CP-QPSK	24.14	24.39	24.63	20.33	30.00	Pass
30KHz	90MHz	LCH	DFT-Pi2BPSK	25.56	25.93	25.67	21.63	30.00	Pass
30KHz	90MHz	LCH	DFT-QPSK	25.41	25.93	25.69	21.63	30.00	Pass
30KHz	90MHz	LCH	DFT-16QAM	24.44	24.89	24.73	20.59	30.00	Pass
30KHz	90MHz	LCH	DFT-64QAM	22.96	23.50	23.21	19.20	30.00	Pass
30KHz	90MHz	LCH	DFT-256QAM	21.11	21.56	21.18	17.26	30.00	Pass
30KHz	90MHz	LCH	CP-QPSK	24.07	24.43	24.20	20.13	30.00	Pass
30KHz	90MHz	MCH	DFT-Pi2BPSK	25.69	25.78	25.80	21.50	30.00	Pass
30KHz	90MHz	MCH	DFT-QPSK	25.69	25.86	25.85	21.56	30.00	Pass
30KHz	90MHz	MCH	DFT-16QAM	24.61	24.81	24.83	20.53	30.00	Pass
30KHz	90MHz	MCH	DFT-64QAM	23.11	23.32	23.36	19.06	30.00	Pass
30KHz	90MHz	MCH	DFT-256QAM	21.19	21.30	21.35	17.05	30.00	Pass
30KHz	90MHz	MCH	CP-QPSK	24.12	24.27	24.41	20.11	30.00	Pass
30KHz	90MHz	HCH	DFT-Pi2BPSK	25.58	25.97	26.02	21.72	30.00	Pass
30KHz	90MHz	HCH	DFT-QPSK	25.52	26.01	26.11	21.81	30.00	Pass
30KHz	90MHz	HCH	DFT-16QAM	24.58	24.91	24.98	20.68	30.00	Pass
30KHz	90MHz	HCH	DFT-64QAM	23.05	23.45	23.50	19.20	30.00	Pass
30KHz	90MHz	HCH	DFT-256QAM	21.13	21.50	21.41	17.20	30.00	Pass
30KHz	90MHz	HCH	CP-QPSK	24.19	24.54	24.48	20.24	30.00	Pass
30KHz	100MHz	LCH	DFT-Pi2BPSK	25.49	25.95	25.75	21.65	30.00	Pass
30KHz	100MHz	LCH	DFT-QPSK	25.43	25.98	25.69	21.68	30.00	Pass

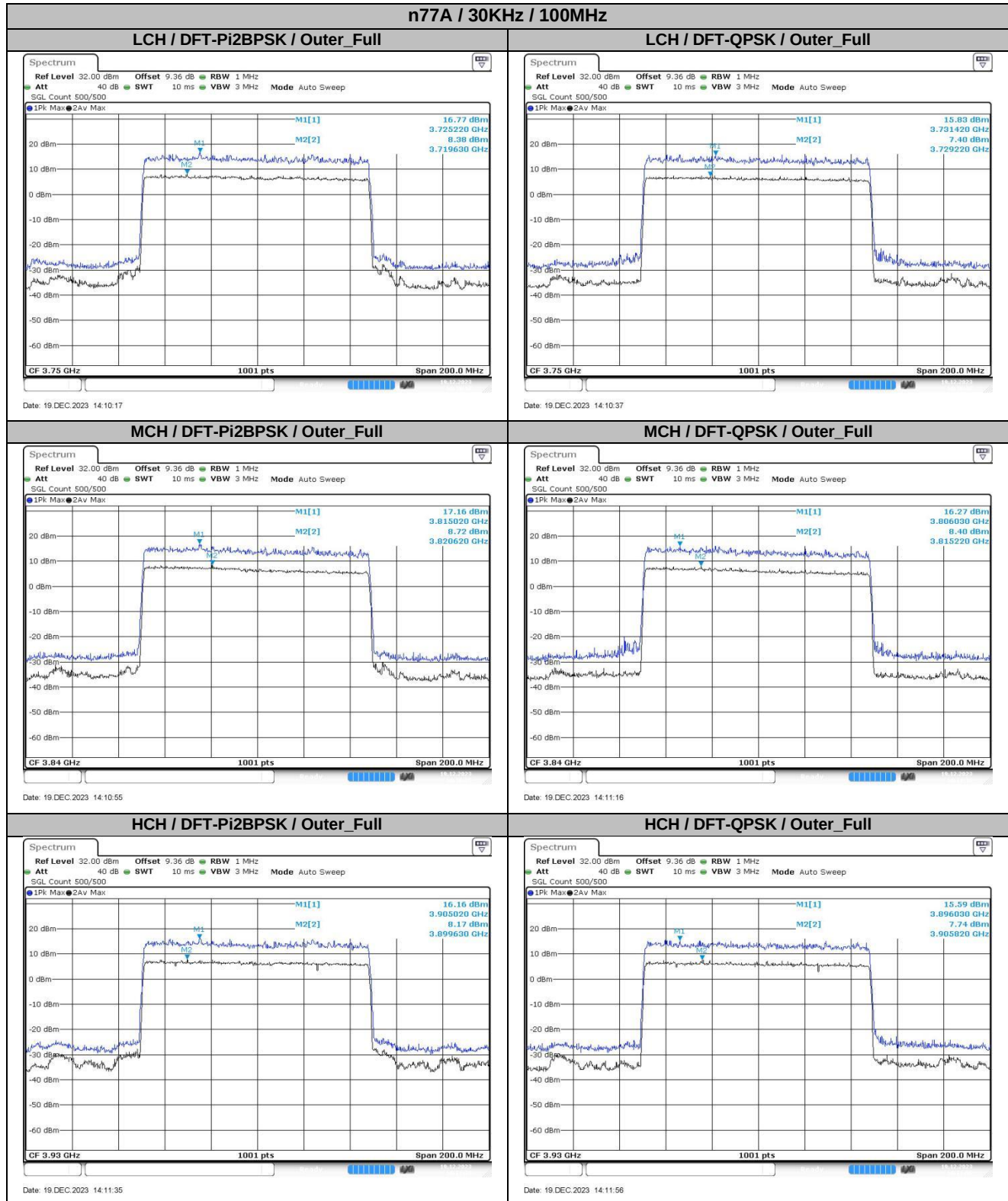
30KHz	100MHz	LCH	DFT-16QAM	24.40	24.93	24.73	20.63	30.00	Pass
30KHz	100MHz	LCH	DFT-64QAM	22.93	23.50	23.14	19.20	30.00	Pass
30KHz	100MHz	LCH	DFT-256QAM	20.95	21.54	21.19	17.24	30.00	Pass
30KHz	100MHz	LCH	CP-QPSK	23.90	24.38	24.16	20.08	30.00	Pass
30KHz	100MHz	MCH	DFT-Pi2BPSK	25.70	25.91	25.89	21.61	30.00	Pass
30KHz	100MHz	MCH	DFT-QPSK	25.72	25.93	25.85	21.63	30.00	Pass
30KHz	100MHz	MCH	DFT-16QAM	24.58	24.88	24.76	20.58	30.00	Pass
30KHz	100MHz	MCH	DFT-64QAM	23.13	23.44	23.29	19.14	30.00	Pass
30KHz	100MHz	MCH	DFT-256QAM	21.14	21.43	21.39	17.13	30.00	Pass
30KHz	100MHz	MCH	CP-QPSK	24.16	24.42	24.34	20.12	30.00	Pass
30KHz	100MHz	HCH	DFT-Pi2BPSK	25.63	26.03	26.03	21.73	30.00	Pass
30KHz	100MHz	HCH	DFT-QPSK	25.68	26.00	26.04	21.74	30.00	Pass
30KHz	100MHz	HCH	DFT-16QAM	24.52	25.07	25.02	20.77	30.00	Pass
30KHz	100MHz	HCH	DFT-64QAM	23.08	23.49	23.50	19.20	30.00	Pass
30KHz	100MHz	HCH	DFT-256QAM	21.13	21.50	21.51	17.21	30.00	Pass
30KHz	100MHz	HCH	CP-QPSK	24.21	24.49	24.47	20.19	30.00	Pass

2. Peak-to-Average Ratio

2.1. Test Results

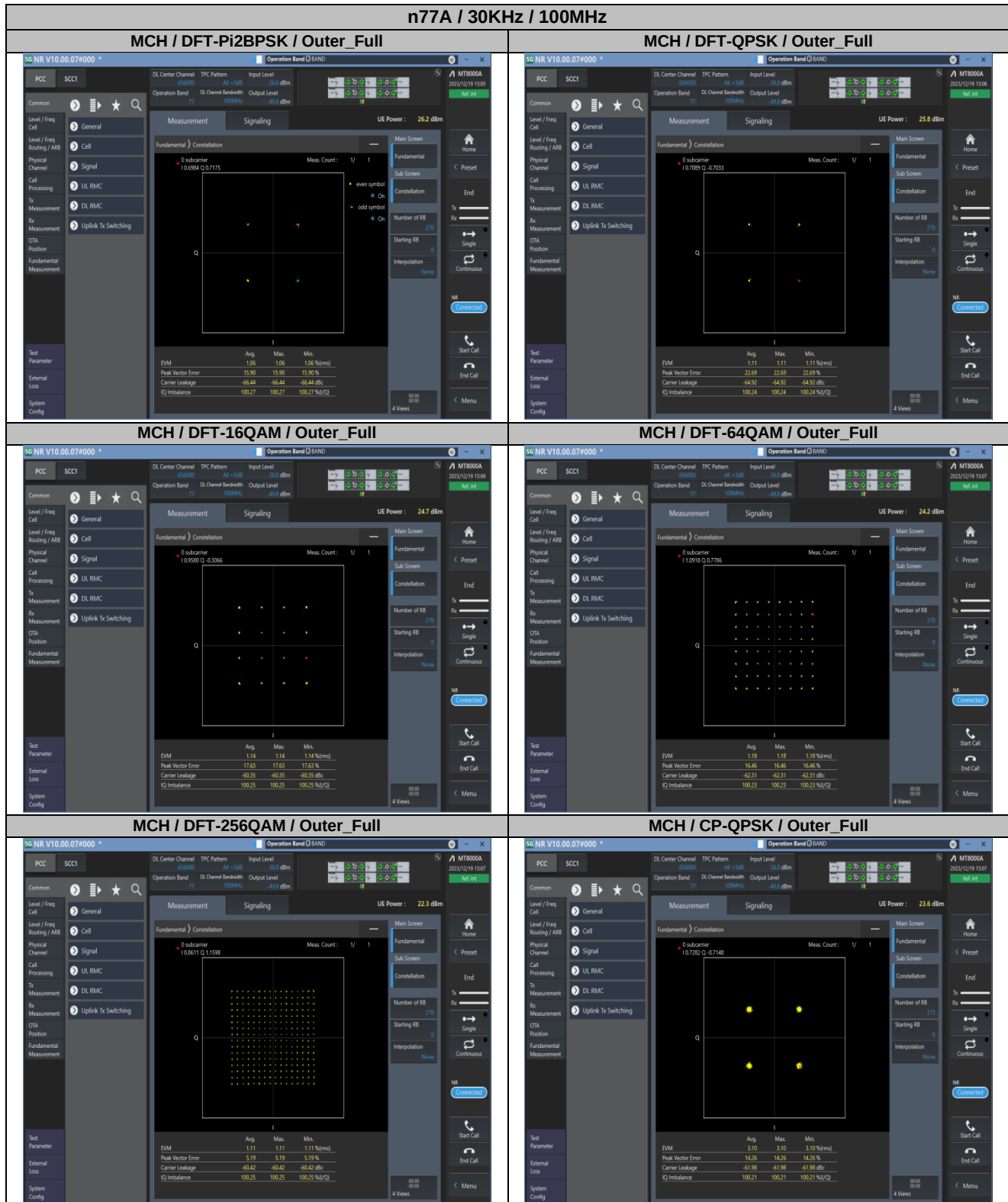
SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
30KHz	100MHz	LCH	Outer_Full	8.39	8.43	13.00	Pass
30KHz	100MHz	MCH	Outer_Full	8.44	7.87	13.00	Pass
30KHz	100MHz	HCH	Outer_Full	8.00	7.86	13.00	Pass

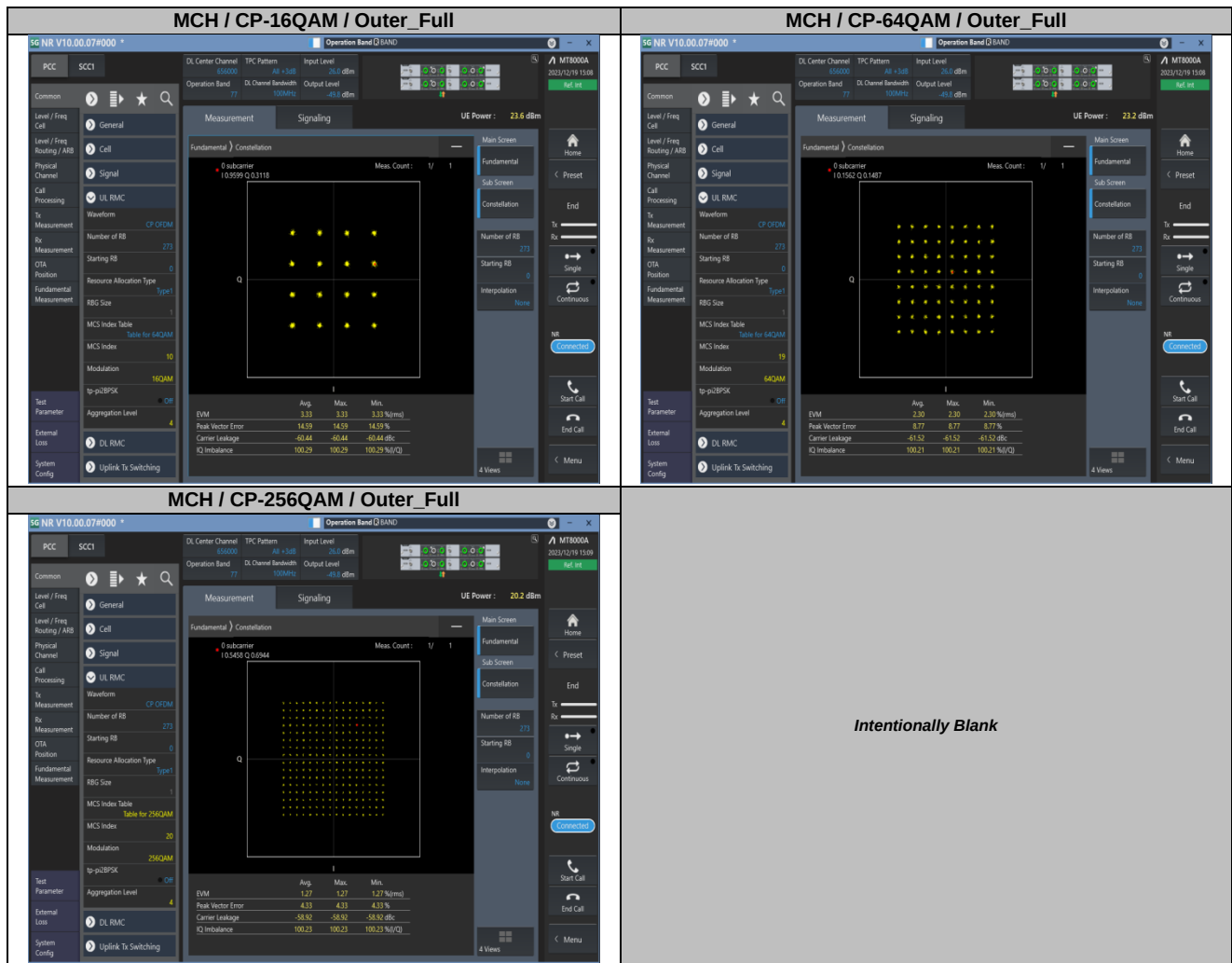
2.2. Test Plots



3. Modulation Characteristics

3.1. Test Plots





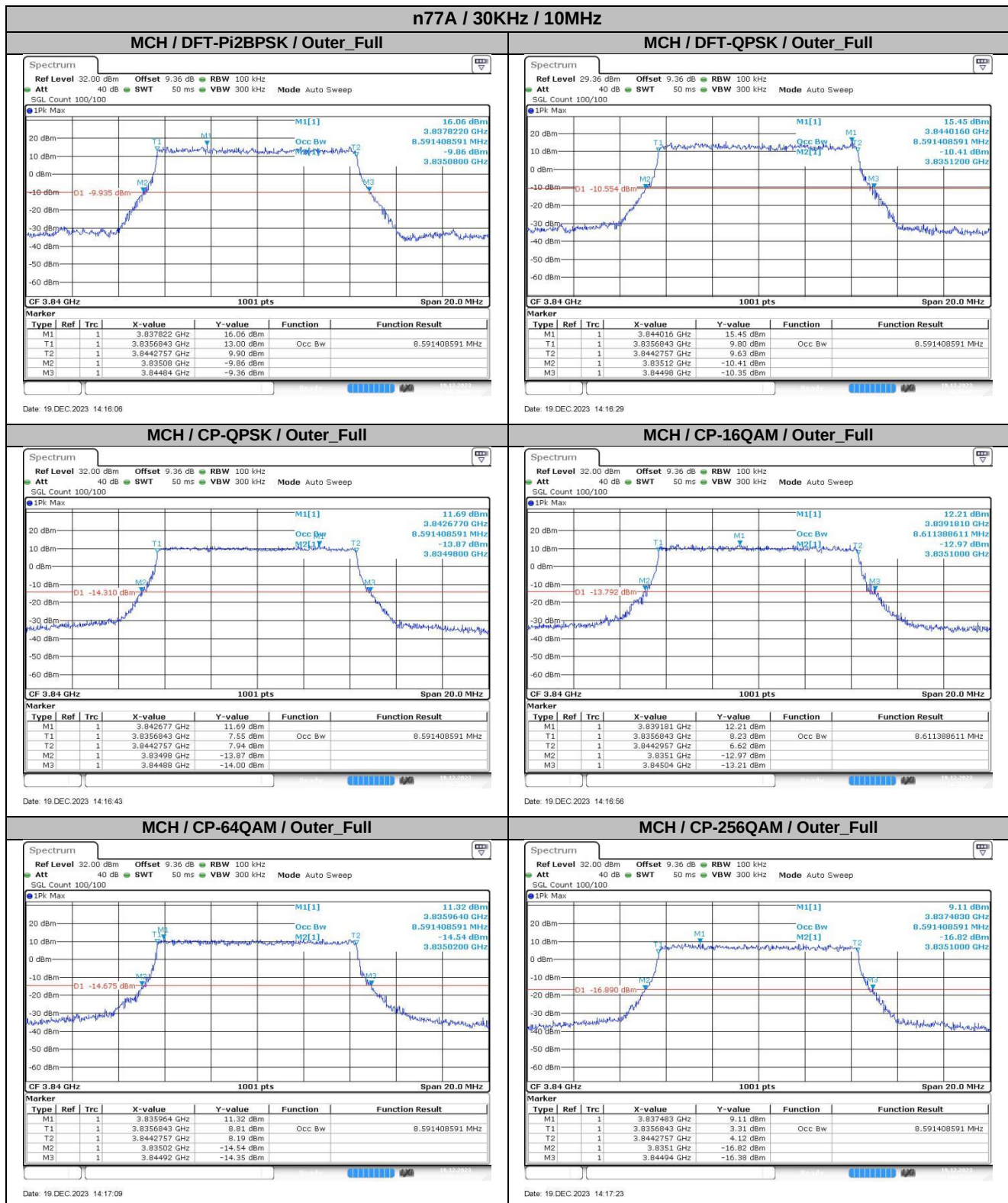
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

4.1. Test Results

SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
30KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.59	9.76	Pass
30KHz	10MHz	DFT-QPSK	Outer_Full	8.59	9.86	Pass
30KHz	10MHz	CP-QPSK	Outer_Full	8.59	9.90	Pass
30KHz	10MHz	CP-16QAM	Outer_Full	8.61	9.94	Pass
30KHz	10MHz	CP-64QAM	Outer_Full	8.59	9.90	Pass
30KHz	10MHz	CP-256QAM	Outer_Full	8.59	9.84	Pass
30KHz	15MHz	DFT-Pi2BPSK	Outer_Full	12.89	14.46	Pass
30KHz	15MHz	DFT-QPSK	Outer_Full	12.92	14.43	Pass
30KHz	15MHz	CP-QPSK	Outer_Full	13.61	15.12	Pass
30KHz	15MHz	CP-16QAM	Outer_Full	13.64	15.48	Pass
30KHz	15MHz	CP-64QAM	Outer_Full	13.61	15.15	Pass
30KHz	15MHz	CP-256QAM	Outer_Full	13.58	15.18	Pass
30KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.86	19.44	Pass
30KHz	20MHz	DFT-QPSK	Outer_Full	17.82	19.32	Pass
30KHz	20MHz	CP-QPSK	Outer_Full	18.18	19.68	Pass
30KHz	20MHz	CP-16QAM	Outer_Full	18.22	19.80	Pass
30KHz	20MHz	CP-64QAM	Outer_Full	18.26	19.80	Pass
30KHz	20MHz	CP-256QAM	Outer_Full	18.18	19.84	Pass
30KHz	30MHz	DFT-Pi2BPSK	Outer_Full	26.85	28.56	Pass
30KHz	30MHz	DFT-QPSK	Outer_Full	26.79	28.62	Pass
30KHz	30MHz	CP-QPSK	Outer_Full	27.81	29.76	Pass

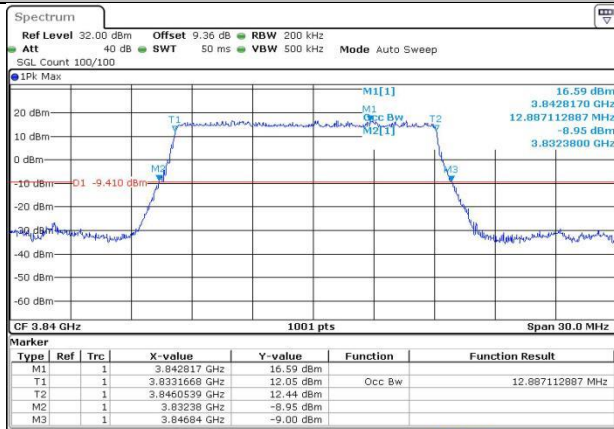
30KHz	30MHz	CP-16QAM	Outer_Full	27.87	29.76	Pass
30KHz	30MHz	CP-64QAM	Outer_Full	27.81	29.70	Pass
30KHz	30MHz	CP-256QAM	Outer_Full	27.81	29.70	Pass
30KHz	40MHz	DFT-Pi2BPSK	Outer_Full	35.64	37.84	Pass
30KHz	40MHz	DFT-QPSK	Outer_Full	35.72	37.84	Pass
30KHz	40MHz	CP-QPSK	Outer_Full	37.88	40.08	Pass
30KHz	40MHz	CP-16QAM	Outer_Full	37.80	40.00	Pass
30KHz	40MHz	CP-64QAM	Outer_Full	37.80	40.24	Pass
30KHz	40MHz	CP-256QAM	Outer_Full	37.88	40.24	Pass
30KHz	50MHz	DFT-Pi2BPSK	Outer_Full	45.75	48.10	Pass
30KHz	50MHz	DFT-QPSK	Outer_Full	45.65	47.80	Pass
30KHz	50MHz	CP-QPSK	Outer_Full	47.55	49.80	Pass
30KHz	50MHz	CP-16QAM	Outer_Full	47.45	49.80	Pass
30KHz	50MHz	CP-64QAM	Outer_Full	47.25	49.60	Pass
30KHz	50MHz	CP-256QAM	Outer_Full	47.35	49.50	Pass
30KHz	60MHz	DFT-Pi2BPSK	Outer_Full	57.90	60.24	Pass
30KHz	60MHz	DFT-QPSK	Outer_Full	57.66	60.36	Pass
30KHz	60MHz	CP-QPSK	Outer_Full	57.66	60.12	Pass
30KHz	60MHz	CP-16QAM	Outer_Full	57.78	60.24	Pass
30KHz	60MHz	CP-64QAM	Outer_Full	57.66	60.12	Pass
30KHz	60MHz	CP-256QAM	Outer_Full	57.66	60.12	Pass
30KHz	70MHz	DFT-Pi2BPSK	Outer_Full	64.20	66.64	Pass
30KHz	70MHz	DFT-QPSK	Outer_Full	64.20	66.50	Pass
30KHz	70MHz	CP-QPSK	Outer_Full	67.41	69.72	Pass
30KHz	70MHz	CP-16QAM	Outer_Full	67.55	69.86	Pass
30KHz	70MHz	CP-64QAM	Outer_Full	67.27	69.86	Pass
30KHz	70MHz	CP-256QAM	Outer_Full	67.41	69.72	Pass
30KHz	80MHz	DFT-Pi2BPSK	Outer_Full	76.88	80.16	Pass
30KHz	80MHz	DFT-QPSK	Outer_Full	77.20	80.48	Pass
30KHz	80MHz	CP-QPSK	Outer_Full	77.36	80.80	Pass
30KHz	80MHz	CP-16QAM	Outer_Full	77.52	80.96	Pass
30KHz	80MHz	CP-64QAM	Outer_Full	77.52	80.80	Pass
30KHz	80MHz	CP-256QAM	Outer_Full	77.36	80.64	Pass
30KHz	90MHz	DFT-Pi2BPSK	Outer_Full	86.67	89.64	Pass
30KHz	90MHz	DFT-QPSK	Outer_Full	86.67	90.18	Pass
30KHz	90MHz	CP-QPSK	Outer_Full	87.21	91.08	Pass
30KHz	90MHz	CP-16QAM	Outer_Full	87.03	90.72	Pass
30KHz	90MHz	CP-64QAM	Outer_Full	87.39	90.72	Pass
30KHz	90MHz	CP-256QAM	Outer_Full	87.39	90.90	Pass
30KHz	100MHz	DFT-Pi2BPSK	Outer_Full	96.30	99.80	Pass
30KHz	100MHz	DFT-QPSK	Outer_Full	96.10	99.60	Pass
30KHz	100MHz	CP-QPSK	Outer_Full	97.30	100.80	Pass
30KHz	100MHz	CP-16QAM	Outer_Full	97.10	100.80	Pass
30KHz	100MHz	CP-64QAM	Outer_Full	97.30	100.80	Pass
30KHz	100MHz	CP-256QAM	Outer_Full	97.30	100.80	Pass

4.2. Test Plots



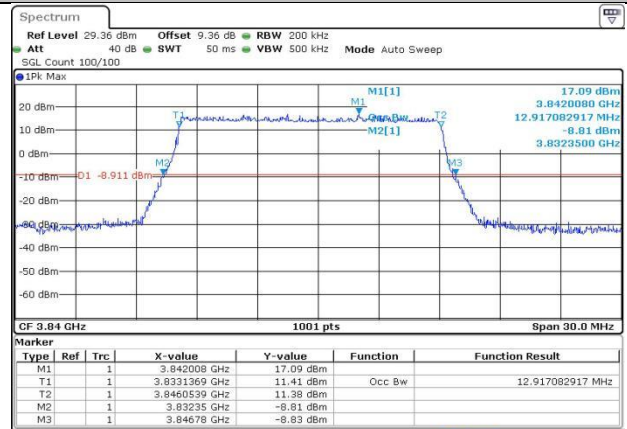
n77A / 30KHz / 15MHz

MCH / DFT-Pi2BPSK / Outer_Full



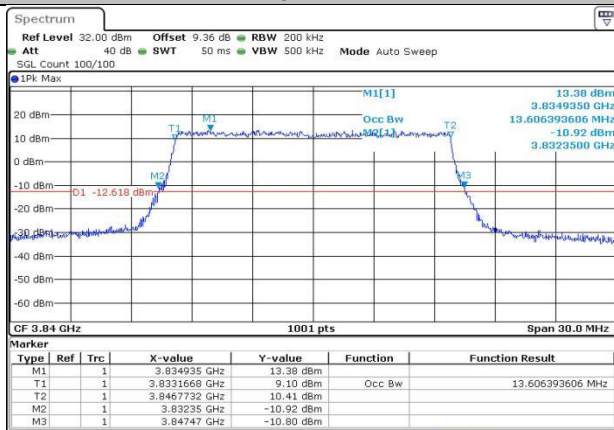
Date: 19 DEC. 2023 14:17:49

MCH / DFT-QPSK / Outer_Full



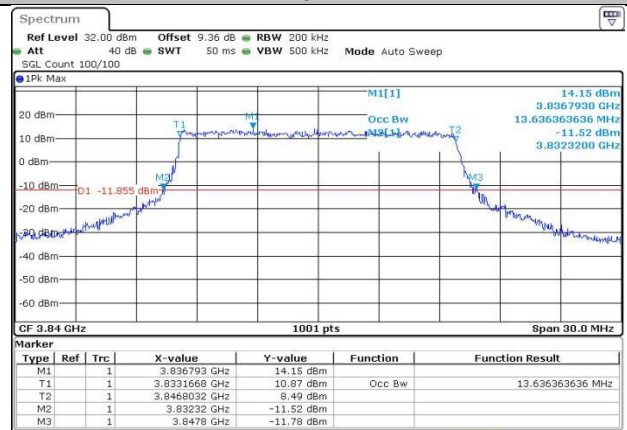
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MCH / CP-QPSK / Outer_Full



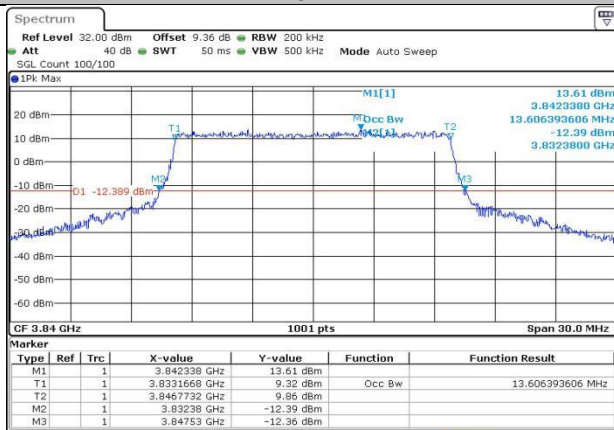
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MCH / CP-16QAM / Outer_Full



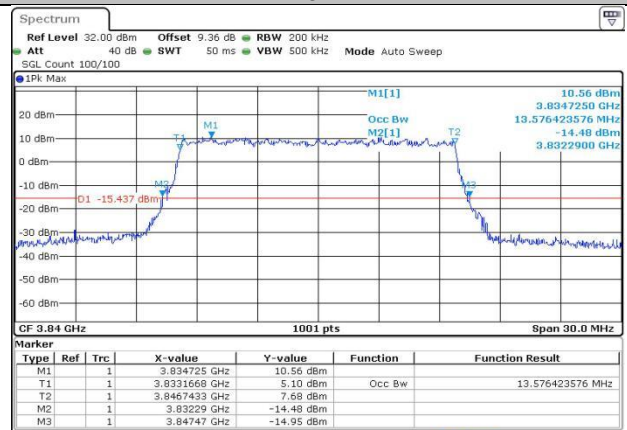
Date: 19 DEC. 2023 14:18:41

MCH / CP-64QAM / Outer_Full



Date: 19 DEC. 2023 14:18:54

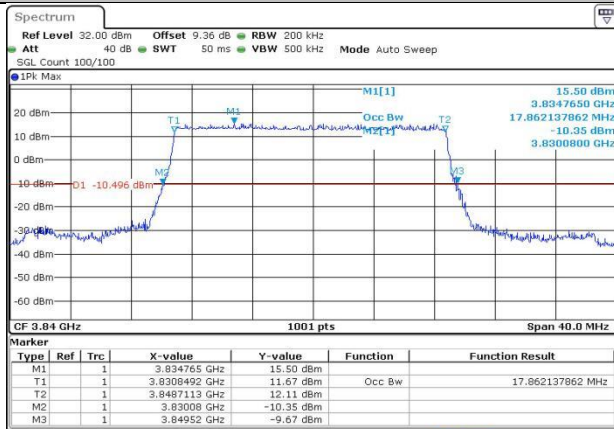
MCH / CP-256QAM / Outer_Full



Date: 19 DEC. 2023 14:19:08

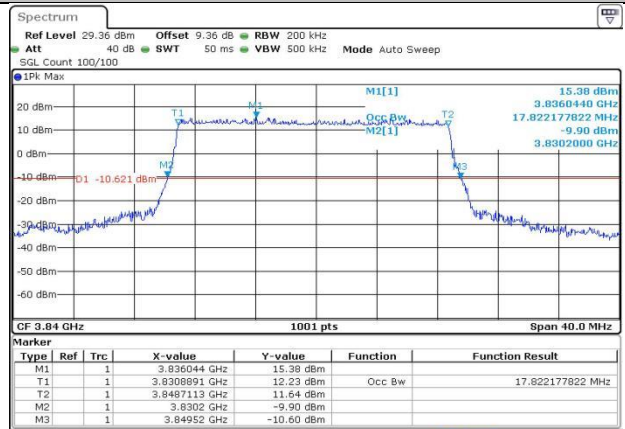
n77A / 30KHz / 20MHz

MCH / DFT-Pi2BPSK / Outer_Full



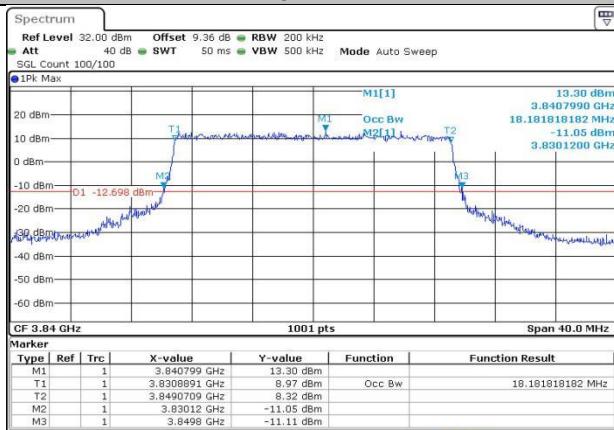
Date: 19 DEC 2023 14:19:34

MCH / DFT-QPSK / Outer_Full



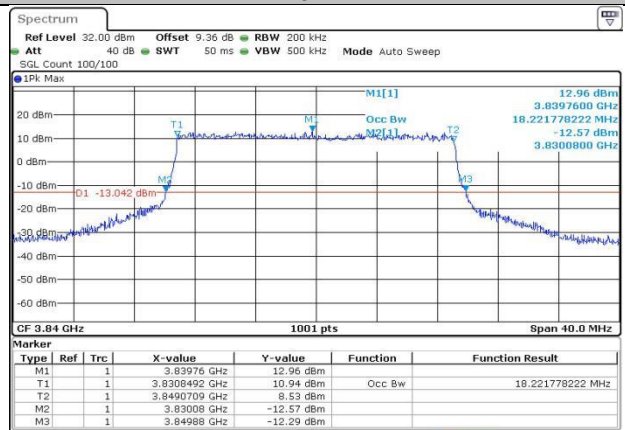
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MCH / CP-QPSK / Outer_Full



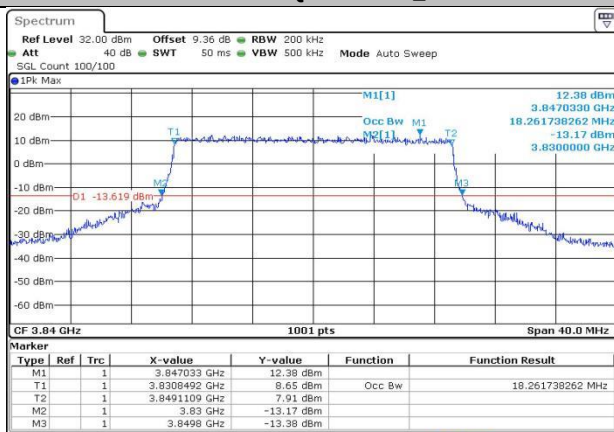
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MCH / CP-16QAM / Outer_Full



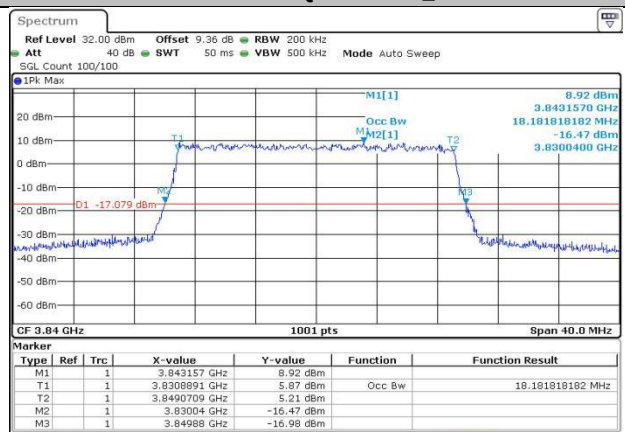
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MCH / CP-64QAM / Outer_Full



Date: 19 DEC 2023 14:20:40

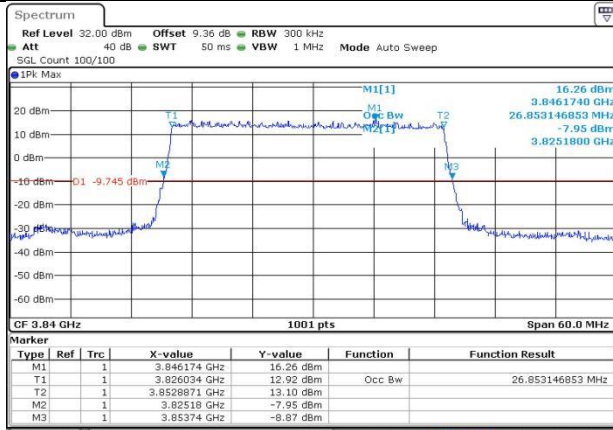
MCH / CP-256QAM / Outer_Full



Date: 19 DEC 2023 14:20:54

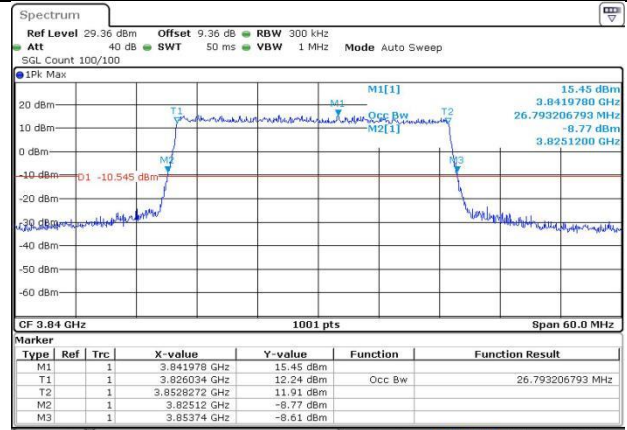
n77A / 30KHz / 30MHz

MCH / DFT-Pi2BPSK / Outer_Full



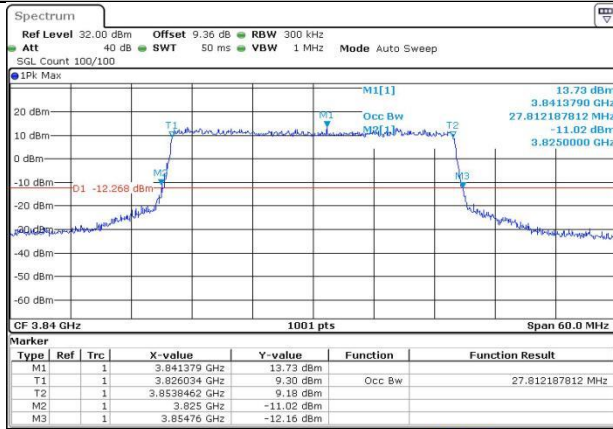
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MCH / DFT-QPSK / Outer_Full



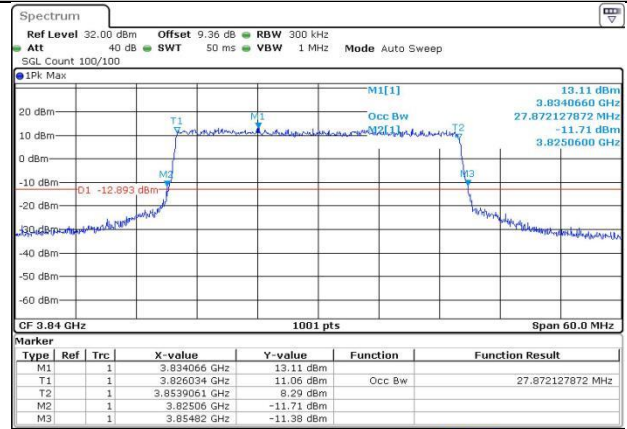
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MCH / CP-QPSK / Outer_Full



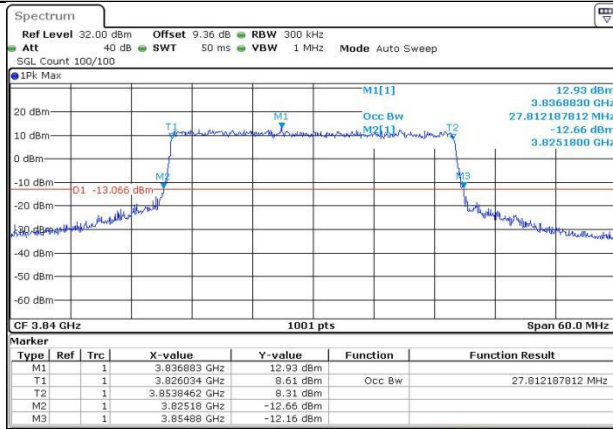
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MCH / CP-16QAM / Outer_Full



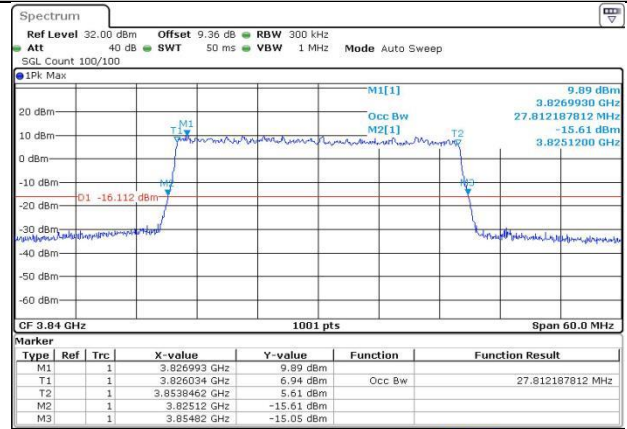
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MCH / CP-64QAM / Outer_Full



Date: 19 DEC 2023 14:22:11

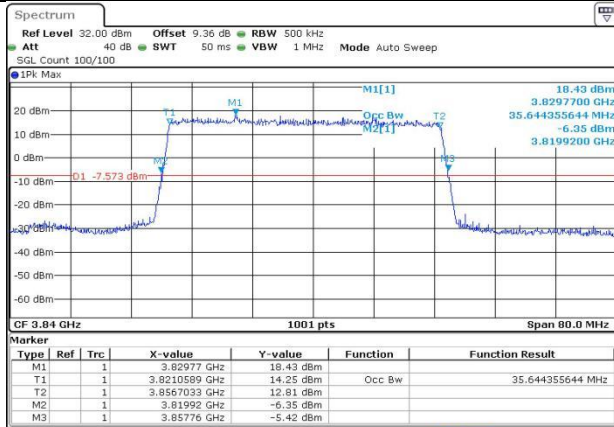
MCH / CP-256QAM / Outer_Full



Date: 19 DEC 2023 14:22:25

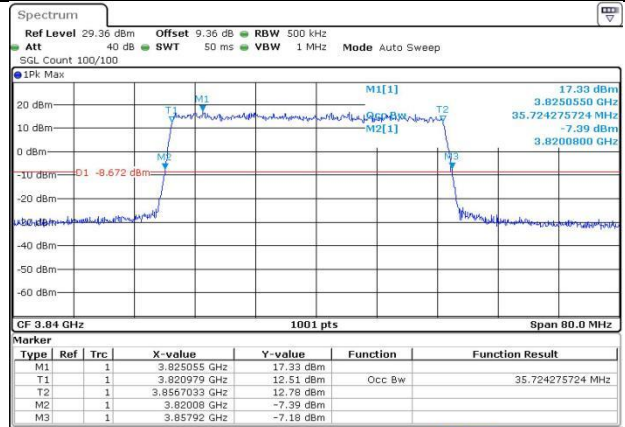
n77A / 30KHz / 40MHz

MCH / DFT-Pi2BPSK / Outer_Full



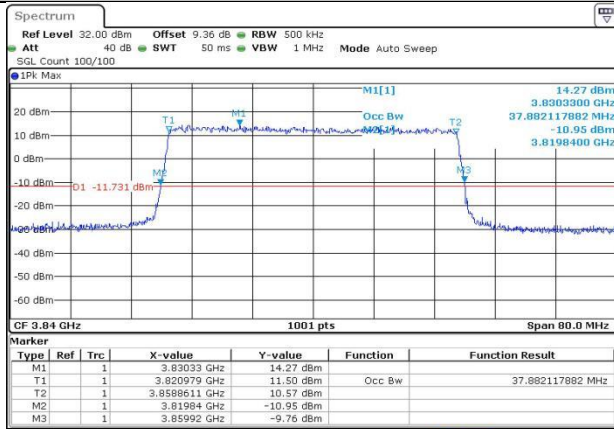
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MCH / DFT-QPSK / Outer_Full



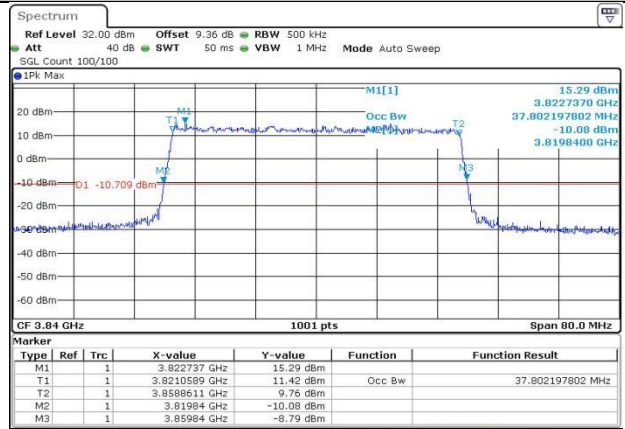
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MCH / CP-QPSK / Outer_Full



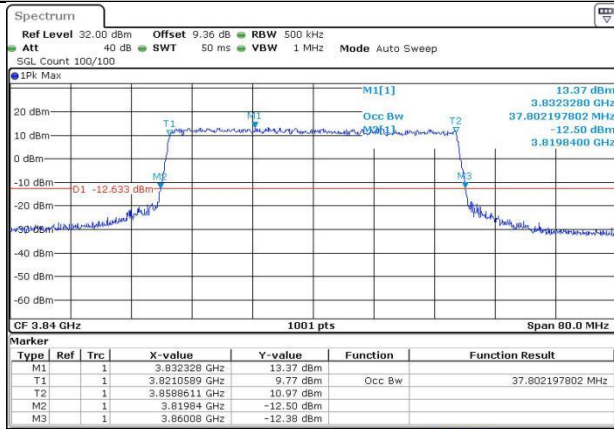
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MCH / CP-16QAM / Outer_Full



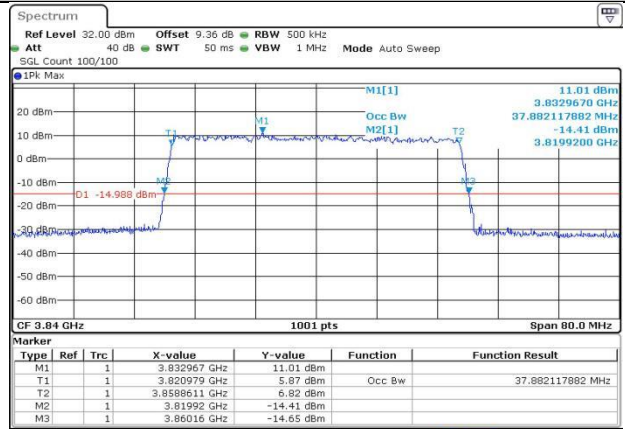
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MCH / CP-64QAM / Outer_Full



Date: 19 DEC 2023 14:23:44

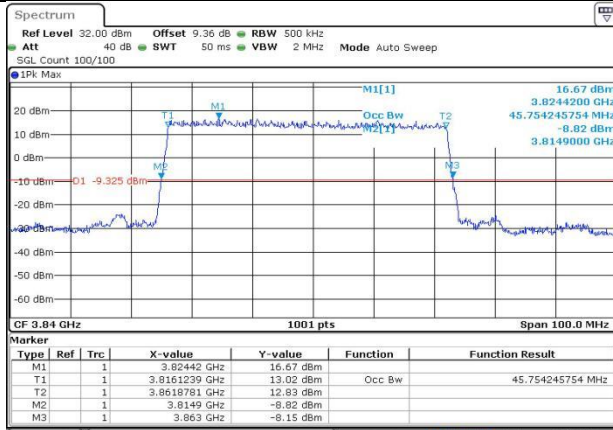
MCH / CP-256QAM / Outer_Full



Date: 19 DEC 2023 14:23:57

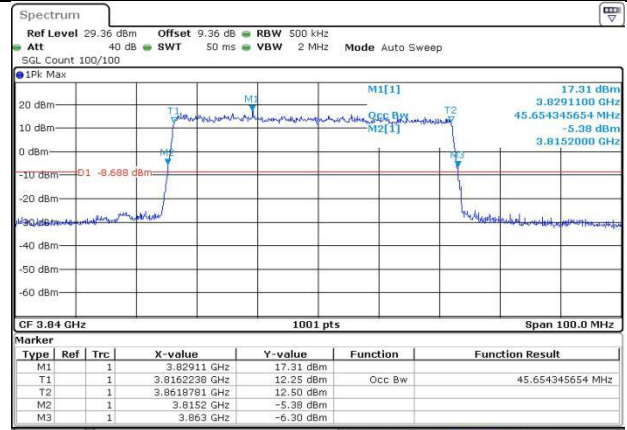
n77A / 30KHz / 50MHz

MCH / DFT-Pi2BPSK / Outer_Full



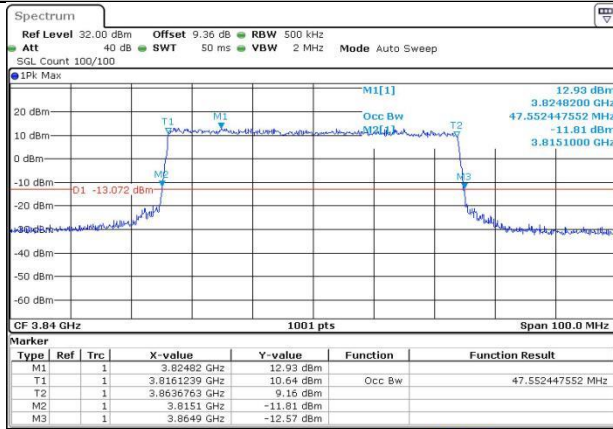
Date: 19 DEC 2023 14:24:17

MCH / DFT-QPSK / Outer_Full



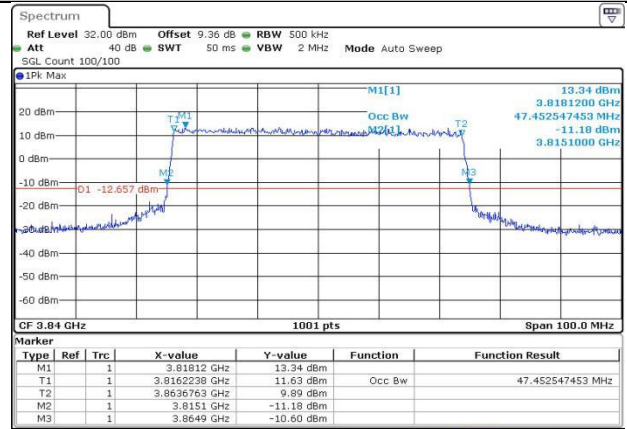
Date: 19 DEC 2023 14:24:40

MCH / CP-QPSK / Outer_Full



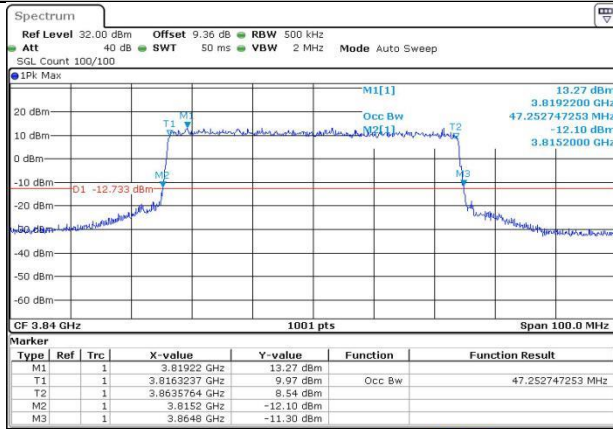
Date: 19 DEC 2023 14:24:53

MCH / CP-16QAM / Outer_Full



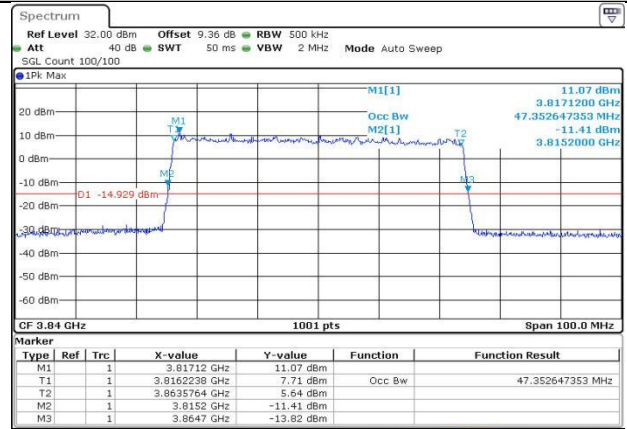
Date: 19 DEC 2023 14:25:04

MCH / CP-64QAM / Outer_Full



Date: 19 DEC 2023 14:25:16

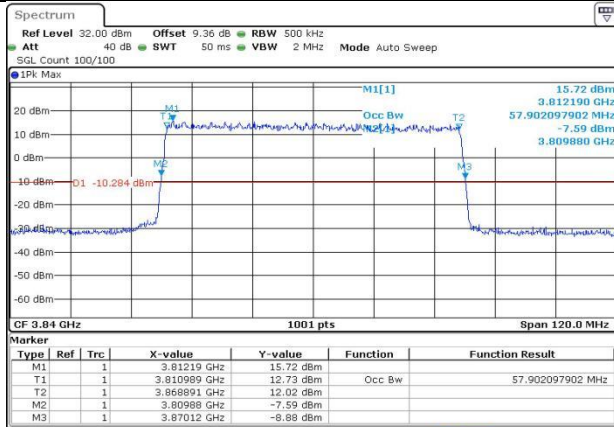
MCH / CP-256QAM / Outer_Full



Date: 19 DEC 2023 14:25:29

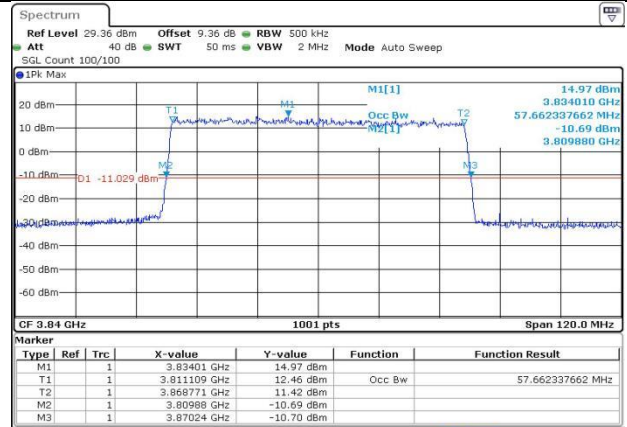
n77A / 30KHz / 60MHz

MCH / DFT-Pi2BPSK / Outer_Full



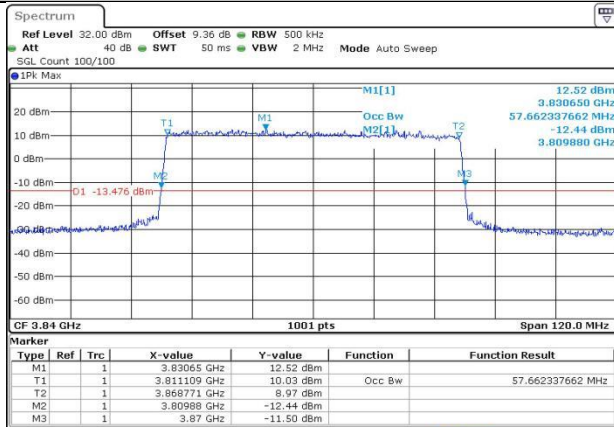
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MCH / DFT-QPSK / Outer_Full



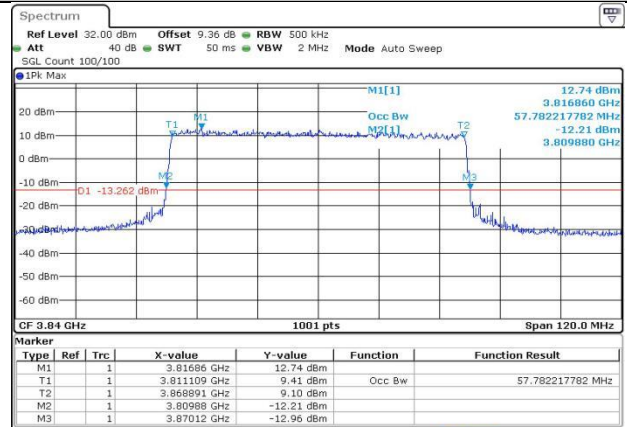
Date: 19 DEC 2023 14:26:16

MCH / CP-QPSK / Outer_Full



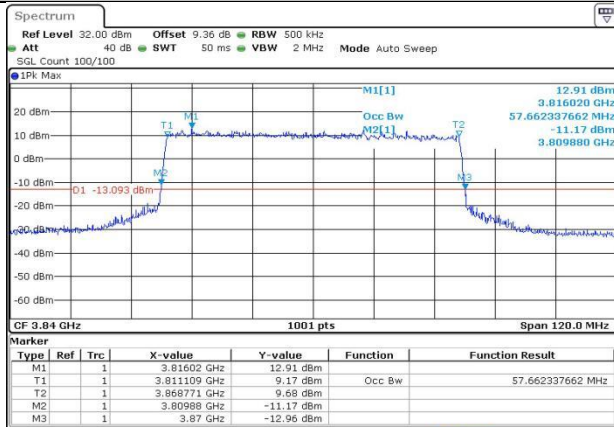
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MCH / CP-16QAM / Outer_Full



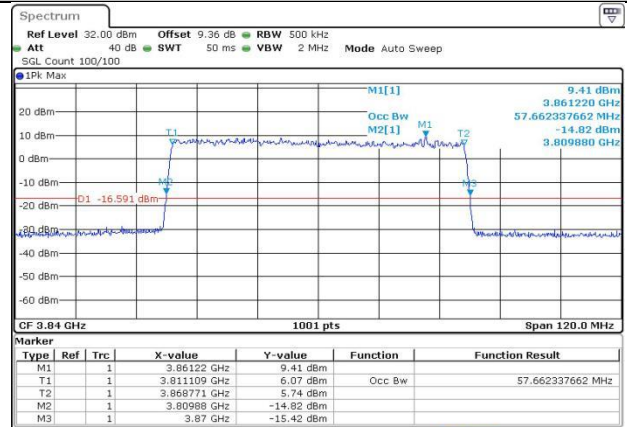
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MCH / CP-64QAM / Outer_Full



Date: 19 DEC 2023 14:26:53

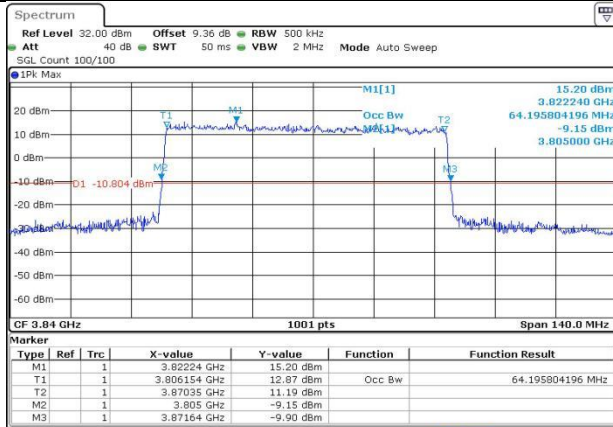
MCH / CP-256QAM / Outer_Full



Date: 19 DEC 2023 14:27:06

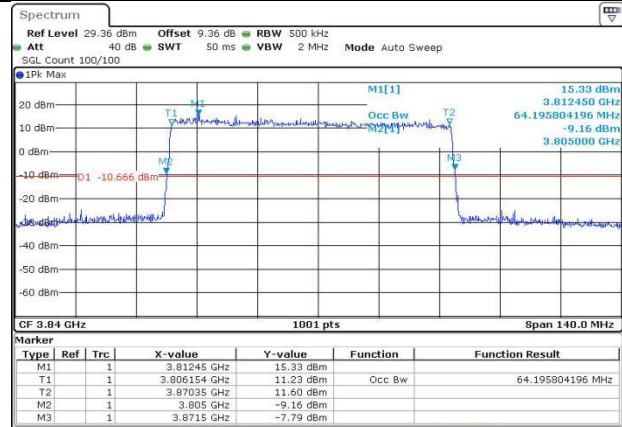
n77A / 30KHz / 70MHz

MCH / DFT-Pi2BPSK / Outer_Full



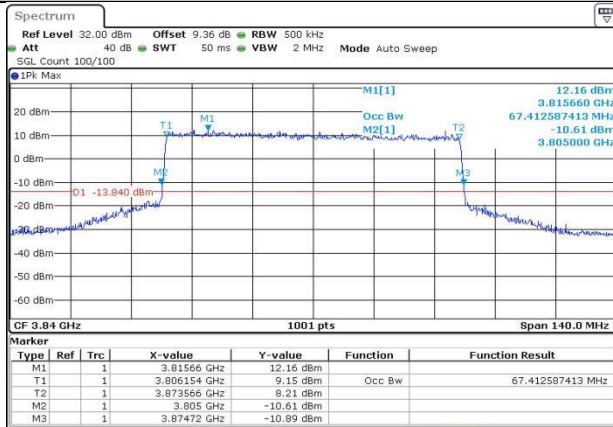
Date: 19 DEC 2023 14:27:25

MCH / DFT-QPSK / Outer_Full



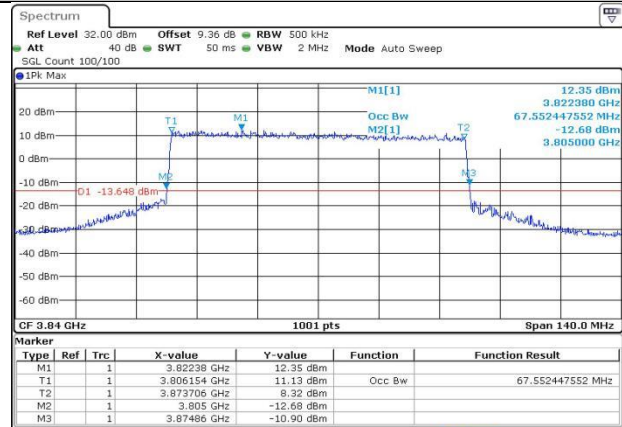
Date: 19 DEC 2023 14:27:48

MCH / CP-QPSK / Outer_Full



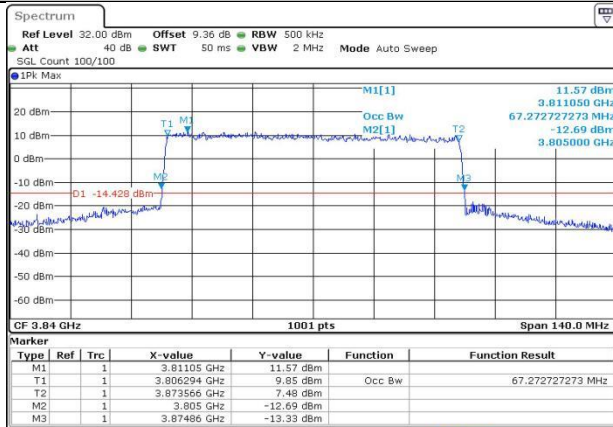
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MCH / CP-16QAM / Outer_Full



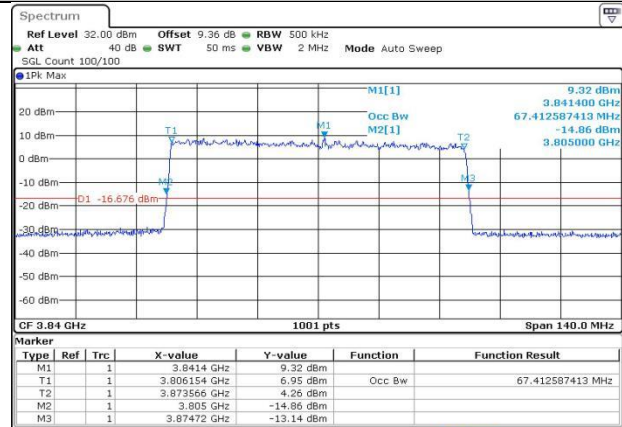
Date: 19 DEC 2023 14:28:12

MCH / CP-64QAM / Outer_Full



Date: 19 DEC 2023 14:28:24

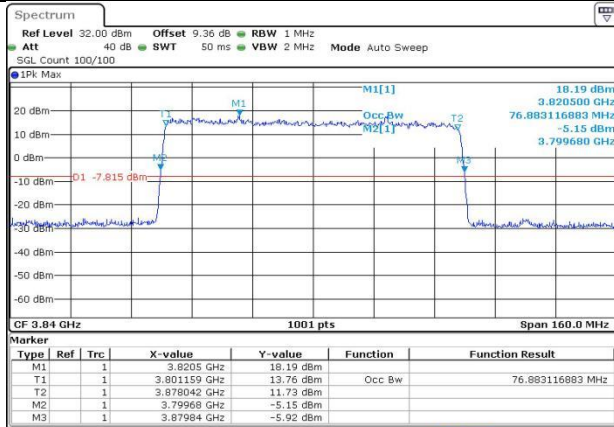
MCH / CP-256QAM / Outer_Full



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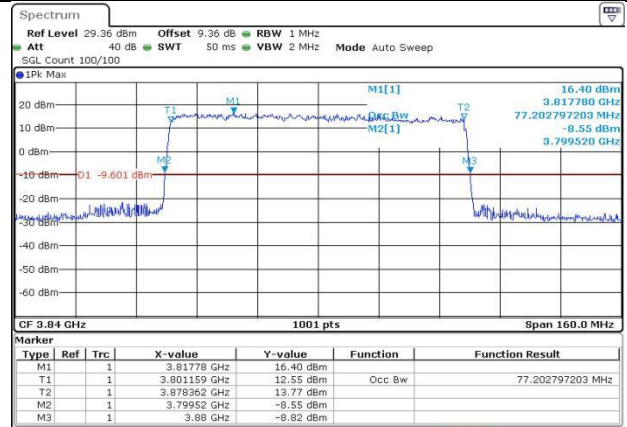
n77A / 30KHz / 80MHz

MCH / DFT-Pi2BPSK / Outer_Full



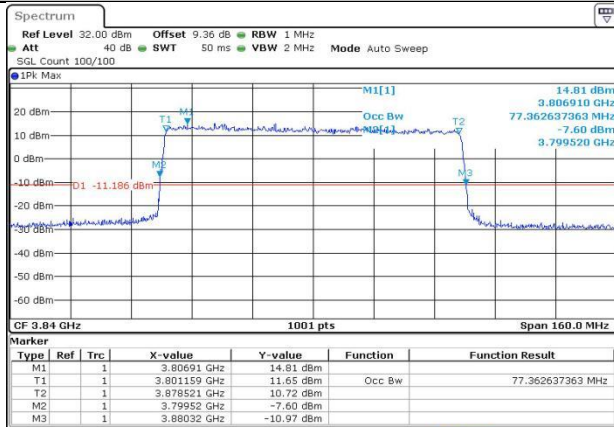
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MCH / DFT-QPSK / Outer_Full



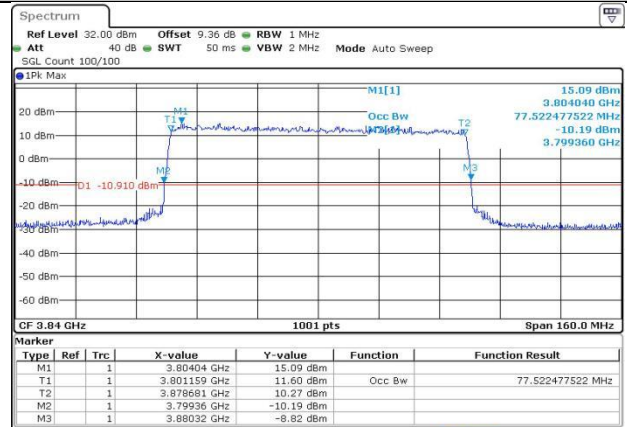
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MCH / CP-QPSK / Outer_Full



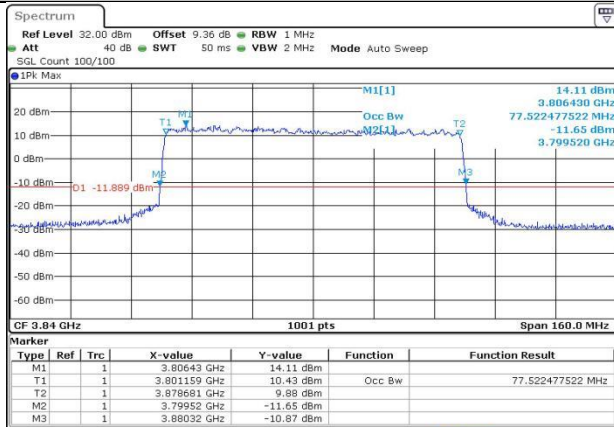
Date: 19 DEC 2023 14:29:33

MCH / CP-16QAM / Outer_Full



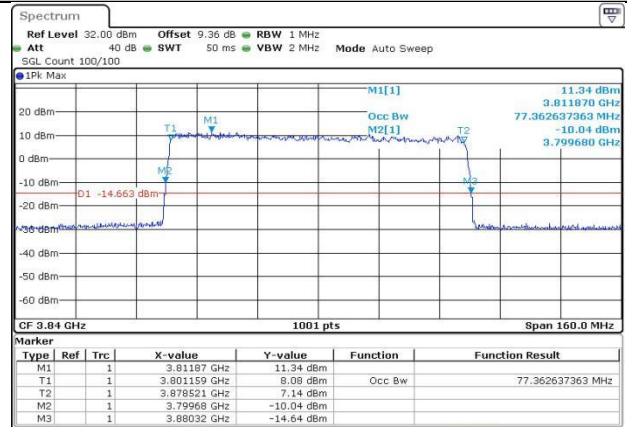
Date: 19 DEC 2023 14:29:45

MCH / CP-64QAM / Outer_Full



Date: 19 DEC 2023 14:29:57

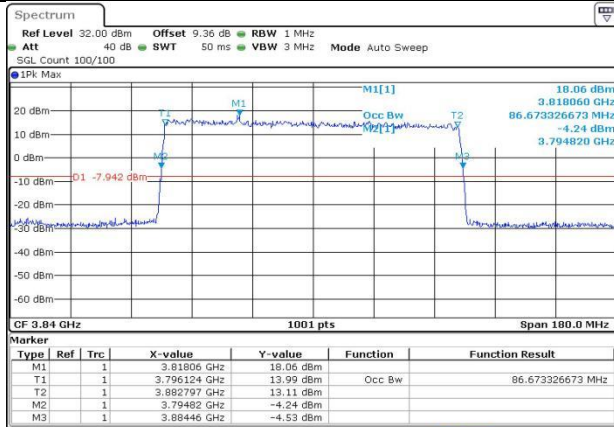
MCH / CP-256QAM / Outer_Full



Date: 19 DEC 2023 14:30:10

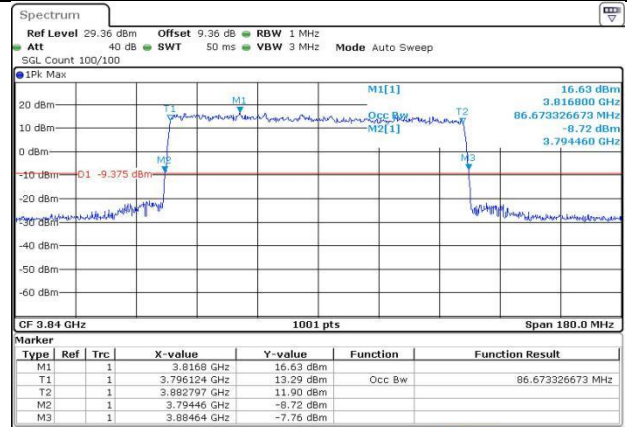
n77A / 30KHz / 90MHz

MCH / DFT-Pi2BPSK / Outer_Full



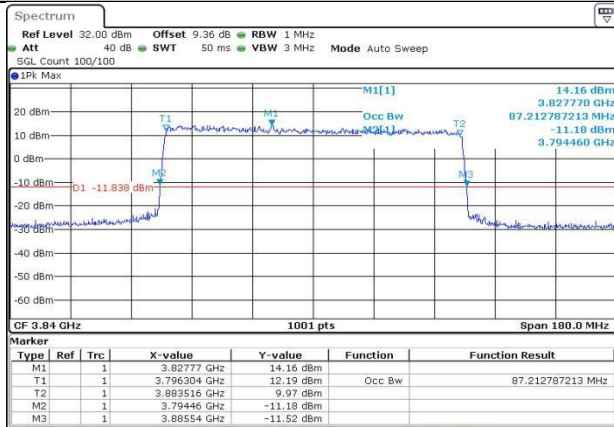
Date: 19 DEC 2023 14:30:29

MCH / DFT-QPSK / Outer_Full



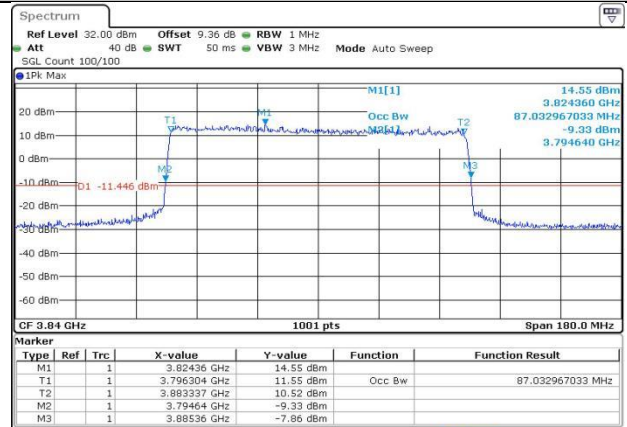
Date: 19 DEC 2023 14:30:52

MCH / CP-QPSK / Outer_Full



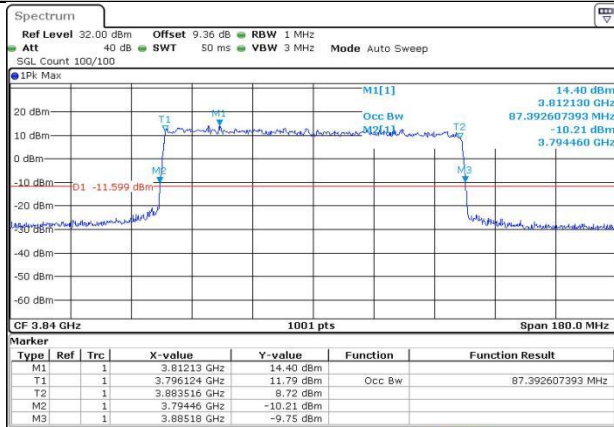
Date: 19 DEC 2023 14:31:04

MCH / CP-16QAM / Outer_Full



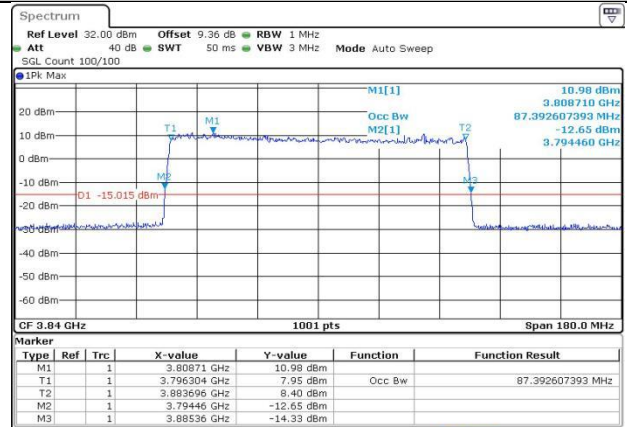
Date: 19 DEC 2023 14:31:16

MCH / CP-64QAM / Outer_Full



Date: 19 DEC 2023 14:31:27

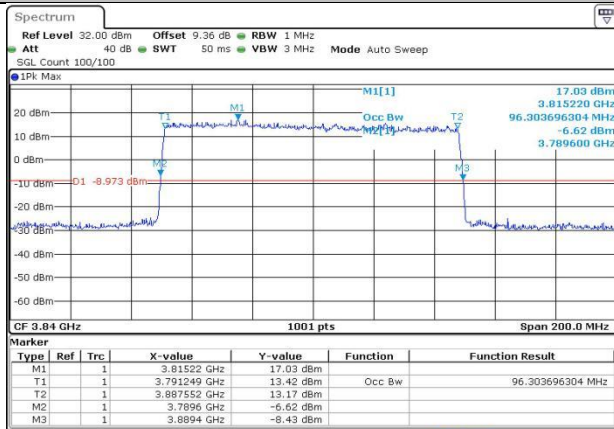
MCH / CP-256QAM / Outer_Full



Date: 19 DEC 2023 14:31:41

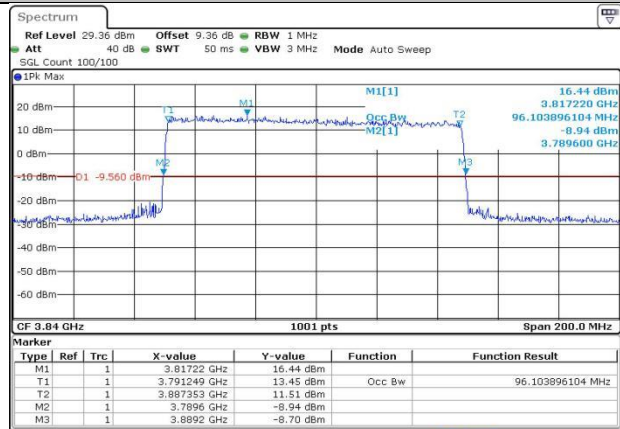
n77A / 30KHz / 100MHz

MCH / DFT-Pi2BPSK / Outer_Full



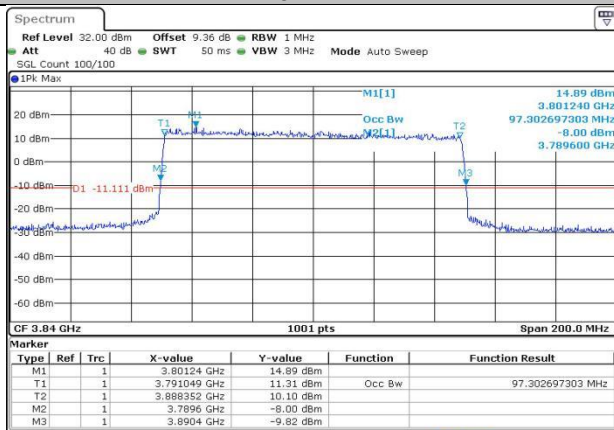
Date: 19 DEC 2023 14:31:59

MCH / DFT-QPSK / Outer_Full



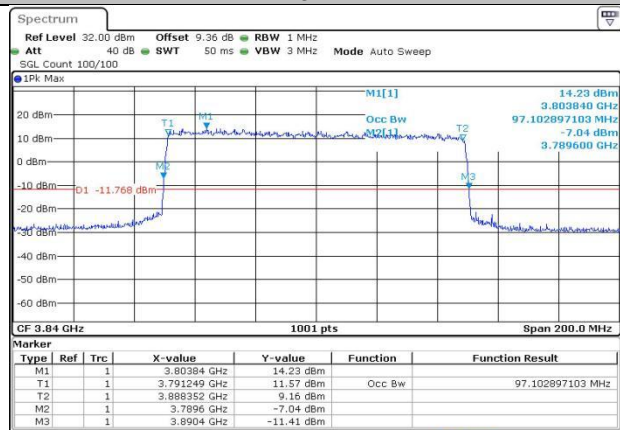
Date: 19 DEC 2023 14:32:23

MCH / CP-QPSK / Outer_Full



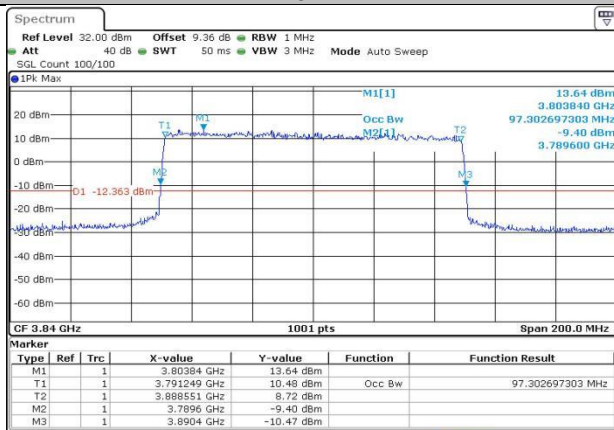
Date: 19 DEC 2023 14:32:35

MCH / CP-16QAM / Outer_Full



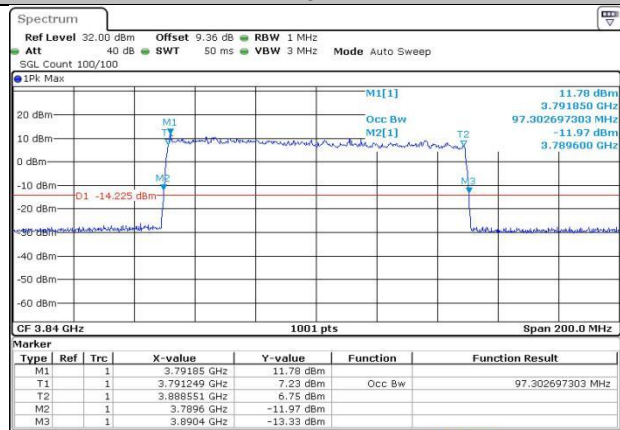
Date: 19 DEC 2023 14:32:47

MCH / CP-64QAM / Outer_Full



Date: 19 DEC 2023 14:32:59

MCH / CP-256QAM / Outer_Full



Date: 19 DEC 2023 14:33:13