

Appendix for n2A (1850-1910)

Catalogue

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant2 (Antenna Gain=-2.20dBi)

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	23.13	23.10	23.16	20.96	33.00	Pass
15KHz	5MHz	LCH	DFT-QPSK	23.04	23.10	23.20	21.00	33.00	Pass
15KHz	5MHz	LCH	DFT-16QAM	22.31	22.29	22.12	20.11	33.00	Pass
15KHz	5MHz	LCH	DFT-64QAM	20.81	20.78	20.67	18.61	33.00	Pass
15KHz	5MHz	LCH	DFT-256QAM	18.60	18.64	18.75	16.55	33.00	Pass
15KHz	5MHz	LCH	CP-QPSK	21.52	21.41	21.67	19.47	33.00	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	23.00	23.02	23.06	20.86	33.00	Pass
15KHz	5MHz	MCH	DFT-QPSK	22.92	22.94	23.07	20.87	33.00	Pass
15KHz	5MHz	MCH	DFT-16QAM	22.26	22.16	22.01	20.06	33.00	Pass
15KHz	5MHz	MCH	DFT-64QAM	20.70	20.63	20.58	18.50	33.00	Pass
15KHz	5MHz	MCH	DFT-256QAM	18.56	18.56	18.57	16.37	33.00	Pass
15KHz	5MHz	MCH	CP-QPSK	21.36	21.35	21.53	19.33	33.00	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	23.03	23.09	23.16	20.96	33.00	Pass
15KHz	5MHz	HCH	DFT-QPSK	23.00	23.05	23.16	20.96	33.00	Pass
15KHz	5MHz	HCH	DFT-16QAM	22.25	22.27	22.11	20.07	33.00	Pass
15KHz	5MHz	HCH	DFT-64QAM	20.74	20.74	20.67	18.54	33.00	Pass
15KHz	5MHz	HCH	DFT-256QAM	18.53	18.58	18.71	16.51	33.00	Pass
15KHz	5MHz	HCH	CP-QPSK	21.43	21.42	21.64	19.44	33.00	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	23.11	23.10	23.12	20.92	33.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	23.06	23.05	23.16	20.96	33.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	22.28	22.27	22.19	20.08	33.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	20.79	20.74	20.69	18.59	33.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	18.58	18.60	18.63	16.43	33.00	Pass
15KHz	10MHz	LCH	CP-QPSK	21.48	21.51	21.57	19.37	33.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	22.90	23.03	23.01	20.83	33.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	22.88	22.89	22.99	20.79	33.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	22.29	22.24	22.07	20.09	33.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	20.73	20.78	20.54	18.58	33.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	18.55	18.57	18.49	16.37	33.00	Pass
15KHz	10MHz	MCH	CP-QPSK	21.47	21.40	21.44	19.27	33.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	23.05	23.08	23.08	20.88	33.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	22.97	23.08	23.10	20.90	33.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	22.29	22.28	22.08	20.09	33.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	20.76	20.85	20.64	18.65	33.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	18.50	18.60	18.59	16.40	33.00	Pass
15KHz	10MHz	HCH	CP-QPSK	21.45	21.50	21.57	19.37	33.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	23.12	23.04	23.15	20.95	33.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	23.07	22.96	23.13	20.93	33.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	22.22	22.28	22.17	20.08	33.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	20.79	20.76	20.68	18.59	33.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	18.63	18.62	18.67	16.47	33.00	Pass
15KHz	15MHz	LCH	CP-QPSK	21.50	21.45	21.61	19.41	33.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	22.95	22.93	23.02	20.82	33.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	22.88	22.95	23.03	20.83	33.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	22.27	22.13	22.01	20.07	33.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	20.73	20.72	20.55	18.53	33.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	18.53	18.48	18.49	16.33	33.00	Pass
15KHz	15MHz	MCH	CP-QPSK	21.45	21.46	21.53	19.33	33.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	23.00	23.12	23.12	20.92	33.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	22.94	23.03	23.06	20.86	33.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	22.20	22.26	22.10	20.06	33.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	20.70	20.83	20.61	18.63	33.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	18.45	18.57	18.59	16.39	33.00	Pass
15KHz	15MHz	HCH	CP-QPSK	21.42	21.51	21.61	19.41	33.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	23.10	23.06	23.15	20.95	33.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	23.04	22.98	23.11	20.91	33.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	22.17	22.28	22.13	20.08	33.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	20.80	20.78	20.58	18.60	33.00	Pass
15KHz	20MHz	LCH	DFT-256QAM	18.58	18.59	18.65	16.45	33.00	Pass

15KHz	20MHz	LCH	CP-QPSK	21.47	21.45	21.63	19.43	33.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.00	22.92	23.05	20.85	33.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	22.92	22.89	23.05	20.85	33.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	22.23	22.18	22.01	20.03	33.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	20.78	20.70	20.54	18.58	33.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	18.49	18.50	18.57	16.37	33.00	Pass
15KHz	20MHz	MCH	CP-QPSK	21.47	21.32	21.53	19.33	33.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	22.98	23.07	23.17	20.97	33.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	22.90	23.05	23.12	20.92	33.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	22.13	22.26	22.14	20.06	33.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	20.76	20.85	20.64	18.65	33.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	18.51	18.58	18.62	16.42	33.00	Pass
15KHz	20MHz	HCH	CP-QPSK	21.39	21.46	21.64	19.44	33.00	Pass
15KHz	25MHz	LCH	DFT-Pi2BPSK	23.09	23.03	23.06	20.89	33.00	Pass
15KHz	25MHz	LCH	DFT-QPSK	22.94	22.94	23.06	20.86	33.00	Pass
15KHz	25MHz	LCH	DFT-16QAM	22.19	22.27	22.02	20.07	33.00	Pass
15KHz	25MHz	LCH	DFT-64QAM	20.64	20.71	20.60	18.51	33.00	Pass
15KHz	25MHz	LCH	DFT-256QAM	18.54	18.53	18.57	16.37	33.00	Pass
15KHz	25MHz	LCH	CP-QPSK	21.46	21.40	21.53	19.33	33.00	Pass
15KHz	25MHz	MCH	DFT-Pi2BPSK	22.91	22.98	22.99	20.79	33.00	Pass
15KHz	25MHz	MCH	DFT-QPSK	22.82	22.90	23.00	20.80	33.00	Pass
15KHz	25MHz	MCH	DFT-16QAM	22.10	22.14	22.00	19.94	33.00	Pass
15KHz	25MHz	MCH	DFT-64QAM	20.53	20.61	20.56	18.41	33.00	Pass
15KHz	25MHz	MCH	DFT-256QAM	18.43	18.40	18.54	16.34	33.00	Pass
15KHz	25MHz	MCH	CP-QPSK	21.31	21.36	21.48	19.28	33.00	Pass
15KHz	25MHz	HCH	DFT-Pi2BPSK	22.94	23.07	23.06	20.87	33.00	Pass
15KHz	25MHz	HCH	DFT-QPSK	22.89	23.00	23.06	20.86	33.00	Pass
15KHz	25MHz	HCH	DFT-16QAM	22.10	22.28	22.05	20.08	33.00	Pass
15KHz	25MHz	HCH	DFT-64QAM	20.62	20.76	20.59	18.56	33.00	Pass
15KHz	25MHz	HCH	DFT-256QAM	18.42	18.52	18.60	16.40	33.00	Pass
15KHz	25MHz	HCH	CP-QPSK	21.35	21.54	21.54	19.34	33.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	23.08	23.03	23.07	20.88	33.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	23.05	22.94	23.09	20.89	33.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	22.23	22.31	22.09	20.11	33.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	20.76	20.81	20.64	18.61	33.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	18.57	18.58	18.58	16.38	33.00	Pass
15KHz	30MHz	LCH	CP-QPSK	21.48	21.51	21.59	19.39	33.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	22.90	23.01	23.03	20.83	33.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	22.84	22.94	23.03	20.83	33.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	22.08	22.13	22.05	19.93	33.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	20.59	20.69	20.58	18.49	33.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	18.43	18.47	18.55	16.35	33.00	Pass
15KHz	30MHz	MCH	CP-QPSK	21.31	21.39	21.55	19.35	33.00	Pass
15KHz	30MHz	HCH	DFT-Pi2BPSK	22.98	23.13	23.05	20.93	33.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	22.86	23.06	23.08	20.88	33.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	22.22	22.25	22.07	20.05	33.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	20.62	20.87	20.58	18.67	33.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	18.50	18.60	18.59	16.40	33.00	Pass
15KHz	30MHz	HCH	CP-QPSK	21.44	21.51	21.53	19.33	33.00	Pass
15KHz	35MHz	LCH	DFT-Pi2BPSK	22.98	23.06	23.07	20.87	33.00	Pass
15KHz	35MHz	LCH	DFT-QPSK	22.99	22.96	23.06	20.86	33.00	Pass
15KHz	35MHz	LCH	DFT-16QAM	22.17	22.20	22.12	20.00	33.00	Pass
15KHz	35MHz	LCH	DFT-64QAM	20.69	20.75	20.60	18.55	33.00	Pass
15KHz	35MHz	LCH	DFT-256QAM	18.54	18.53	18.58	16.38	33.00	Pass
15KHz	35MHz	LCH	CP-QPSK	21.45	21.46	21.57	19.37	33.00	Pass
15KHz	35MHz	MCH	DFT-Pi2BPSK	22.84	22.95	23.03	20.83	33.00	Pass
15KHz	35MHz	MCH	DFT-QPSK	22.79	22.87	23.02	20.82	33.00	Pass
15KHz	35MHz	MCH	DFT-16QAM	22.01	22.15	22.07	19.95	33.00	Pass
15KHz	35MHz	MCH	DFT-64QAM	20.58	20.62	20.55	18.42	33.00	Pass
15KHz	35MHz	MCH	DFT-256QAM	18.34	18.44	18.59	16.39	33.00	Pass
15KHz	35MHz	MCH	CP-QPSK	21.23	21.37	21.55	19.35	33.00	Pass
15KHz	35MHz	HCH	DFT-Pi2BPSK	22.87	23.07	23.03	20.87	33.00	Pass
15KHz	35MHz	HCH	DFT-QPSK	22.85	23.02	23.01	20.82	33.00	Pass
15KHz	35MHz	HCH	DFT-16QAM	22.16	22.21	22.05	20.01	33.00	Pass

15KHz	35MHz	HCH	DFT-64QAM	20.64	20.81	20.57	18.61	33.00	Pass
15KHz	35MHz	HCH	DFT-256QAM	18.46	18.54	18.56	16.36	33.00	Pass
15KHz	35MHz	HCH	CP-QPSK	21.32	21.53	21.56	19.36	33.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	23.03	23.03	23.05	20.85	33.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	23.02	22.98	23.10	20.90	33.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	22.22	22.19	22.07	20.02	33.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	20.70	20.68	20.63	18.50	33.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	18.55	18.52	18.61	16.41	33.00	Pass
15KHz	40MHz	LCH	CP-QPSK	21.43	21.47	21.56	19.36	33.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	22.90	22.99	23.02	20.82	33.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	22.84	22.94	23.03	20.83	33.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	22.07	22.20	22.09	20.00	33.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	20.66	20.73	20.58	18.53	33.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	18.38	18.52	18.58	16.38	33.00	Pass
15KHz	40MHz	MCH	CP-QPSK	21.30	21.45	21.53	19.33	33.00	Pass
15KHz	40MHz	HCH	DFT-Pi2BPSK	22.92	23.06	23.03	20.86	33.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	22.82	22.97	23.01	20.81	33.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	22.18	22.23	22.01	20.03	33.00	Pass
15KHz	40MHz	HCH	DFT-64QAM	20.68	20.70	20.56	18.50	33.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	18.46	18.57	18.56	16.37	33.00	Pass
15KHz	40MHz	HCH	CP-QPSK	21.46	21.61	21.53	19.41	33.00	Pass

1.2. Test Results @ Ant8 (Antenna Gain=-3.50dBi)

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	23.40	23.49	23.68	20.18	33.00	Pass
15KHz	5MHz	LCH	DFT-QPSK	23.34	23.37	23.61	20.11	33.00	Pass
15KHz	5MHz	LCH	DFT-16QAM	23.05	22.93	22.70	19.55	33.00	Pass
15KHz	5MHz	LCH	DFT-64QAM	21.40	21.33	21.23	17.90	33.00	Pass
15KHz	5MHz	LCH	DFT-256QAM	19.25	19.10	19.27	15.77	33.00	Pass
15KHz	5MHz	LCH	CP-QPSK	22.13	21.99	22.20	18.70	33.00	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	23.45	23.49	23.58	20.08	33.00	Pass
15KHz	5MHz	MCH	DFT-QPSK	23.39	23.35	23.61	20.11	33.00	Pass
15KHz	5MHz	MCH	DFT-16QAM	22.87	23.04	22.61	19.54	33.00	Pass
15KHz	5MHz	MCH	DFT-64QAM	21.37	21.32	21.22	17.87	33.00	Pass
15KHz	5MHz	MCH	DFT-256QAM	19.29	19.25	19.20	15.79	33.00	Pass
15KHz	5MHz	MCH	CP-QPSK	22.05	22.19	22.10	18.69	33.00	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	23.38	23.40	23.51	20.01	33.00	Pass
15KHz	5MHz	HCH	DFT-QPSK	23.26	23.25	23.53	20.03	33.00	Pass
15KHz	5MHz	HCH	DFT-16QAM	22.86	22.89	22.57	19.39	33.00	Pass
15KHz	5MHz	HCH	DFT-64QAM	21.21	21.28	21.10	17.78	33.00	Pass
15KHz	5MHz	HCH	DFT-256QAM	19.13	19.16	19.12	15.66	33.00	Pass
15KHz	5MHz	HCH	CP-QPSK	21.98	22.03	22.04	18.54	33.00	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	23.50	23.53	23.55	20.05	33.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	23.37	23.42	23.51	20.01	33.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	22.98	22.94	22.59	19.48	33.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	21.45	21.44	21.16	17.95	33.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	19.28	19.16	19.09	15.78	33.00	Pass
15KHz	10MHz	LCH	CP-QPSK	22.16	22.03	22.05	18.66	33.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	23.48	23.51	23.59	20.09	33.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	23.33	23.34	23.56	20.06	33.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	23.06	23.04	22.77	19.56	33.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	21.47	21.43	21.22	17.97	33.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	19.27	19.24	19.12	15.77	33.00	Pass
15KHz	10MHz	MCH	CP-QPSK	22.09	22.09	22.01	18.59	33.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	23.42	23.46	23.49	19.99	33.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	23.34	23.29	23.48	19.98	33.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	22.79	22.93	22.58	19.43	33.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	21.33	21.35	21.10	17.85	33.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	19.12	19.09	19.01	15.62	33.00	Pass
15KHz	10MHz	HCH	CP-QPSK	22.01	21.98	22.04	18.54	33.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	23.46	23.47	23.57	20.07	33.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	23.36	23.42	23.55	20.05	33.00	Pass

15KHz	15MHz	LCH	DFT-16QAM	23.02	22.76	22.68	19.52	33.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	21.32	21.40	21.21	17.90	33.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	19.27	19.15	19.18	15.77	33.00	Pass
15KHz	15MHz	LCH	CP-QPSK	22.12	22.03	22.19	18.69	33.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	23.51	23.49	23.57	20.07	33.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	23.37	23.39	23.57	20.07	33.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	22.94	22.93	22.78	19.44	33.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	21.41	21.39	21.17	17.91	33.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	19.21	19.21	19.17	15.71	33.00	Pass
15KHz	15MHz	MCH	CP-QPSK	21.96	22.08	22.17	18.67	33.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	23.37	23.45	23.51	20.01	33.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	23.32	23.33	23.48	19.98	33.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	22.87	22.83	22.59	19.37	33.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	21.31	21.24	21.09	17.81	33.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	19.09	19.12	19.11	15.62	33.00	Pass
15KHz	15MHz	HCH	CP-QPSK	21.98	21.98	22.07	18.57	33.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	23.50	23.57	23.63	20.13	33.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	23.35	23.39	23.66	20.16	33.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	22.99	22.98	22.71	19.49	33.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	21.44	21.48	21.18	17.98	33.00	Pass
15KHz	20MHz	LCH	DFT-256QAM	19.25	19.22	19.21	15.75	33.00	Pass
15KHz	20MHz	LCH	CP-QPSK	22.12	22.03	22.21	18.71	33.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.51	23.50	23.56	20.06	33.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	23.36	23.40	23.60	20.10	33.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	22.93	22.95	22.63	19.45	33.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	21.47	21.32	21.20	17.97	33.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	19.17	19.18	19.15	15.68	33.00	Pass
15KHz	20MHz	MCH	CP-QPSK	22.07	22.11	22.18	18.68	33.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	23.46	23.48	23.51	20.01	33.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	23.38	23.36	23.54	20.04	33.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	22.83	22.88	22.61	19.38	33.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	21.38	21.26	21.12	17.88	33.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	19.15	19.15	19.09	15.65	33.00	Pass
15KHz	20MHz	HCH	CP-QPSK	22.02	22.02	22.08	18.58	33.00	Pass
15KHz	25MHz	LCH	DFT-Pi2BPSK	23.44	23.48	23.60	20.10	33.00	Pass
15KHz	25MHz	LCH	DFT-QPSK	23.30	23.31	23.56	20.06	33.00	Pass
15KHz	25MHz	LCH	DFT-16QAM	22.90	23.00	22.63	19.50	33.00	Pass
15KHz	25MHz	LCH	DFT-64QAM	21.30	21.29	21.18	17.80	33.00	Pass
15KHz	25MHz	LCH	DFT-256QAM	19.15	19.18	19.17	15.68	33.00	Pass
15KHz	25MHz	LCH	CP-QPSK	22.03	22.06	22.13	18.63	33.00	Pass
15KHz	25MHz	MCH	DFT-Pi2BPSK	23.39	23.37	23.49	19.99	33.00	Pass
15KHz	25MHz	MCH	DFT-QPSK	23.31	23.34	23.51	20.01	33.00	Pass
15KHz	25MHz	MCH	DFT-16QAM	22.80	22.84	22.64	19.34	33.00	Pass
15KHz	25MHz	MCH	DFT-64QAM	21.15	21.28	21.17	17.78	33.00	Pass
15KHz	25MHz	MCH	DFT-256QAM	19.02	19.10	19.14	15.64	33.00	Pass
15KHz	25MHz	MCH	CP-QPSK	21.99	22.03	22.08	18.58	33.00	Pass
15KHz	25MHz	HCH	DFT-Pi2BPSK	23.37	23.31	23.50	20.00	33.00	Pass
15KHz	25MHz	HCH	DFT-QPSK	23.24	23.25	23.49	19.99	33.00	Pass
15KHz	25MHz	HCH	DFT-16QAM	22.93	22.83	22.55	19.43	33.00	Pass
15KHz	25MHz	HCH	DFT-64QAM	21.27	21.26	21.12	17.77	33.00	Pass
15KHz	25MHz	HCH	DFT-256QAM	19.18	19.09	19.09	15.68	33.00	Pass
15KHz	25MHz	HCH	CP-QPSK	22.03	21.94	22.08	18.58	33.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	23.51	23.54	23.61	20.11	33.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	23.34	23.39	23.63	20.13	33.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	22.90	23.05	22.73	19.55	33.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	21.37	21.49	21.19	17.99	33.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	19.16	19.32	19.20	15.82	33.00	Pass
15KHz	30MHz	LCH	CP-QPSK	22.07	22.19	22.20	18.70	33.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	23.37	23.49	23.56	20.06	33.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	23.31	23.40	23.54	20.04	33.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	22.80	22.86	22.70	19.36	33.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	21.26	21.32	21.20	17.82	33.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	19.03	19.10	19.14	15.64	33.00	Pass
15KHz	30MHz	MCH	CP-QPSK	21.95	22.04	22.16	18.66	33.00	Pass

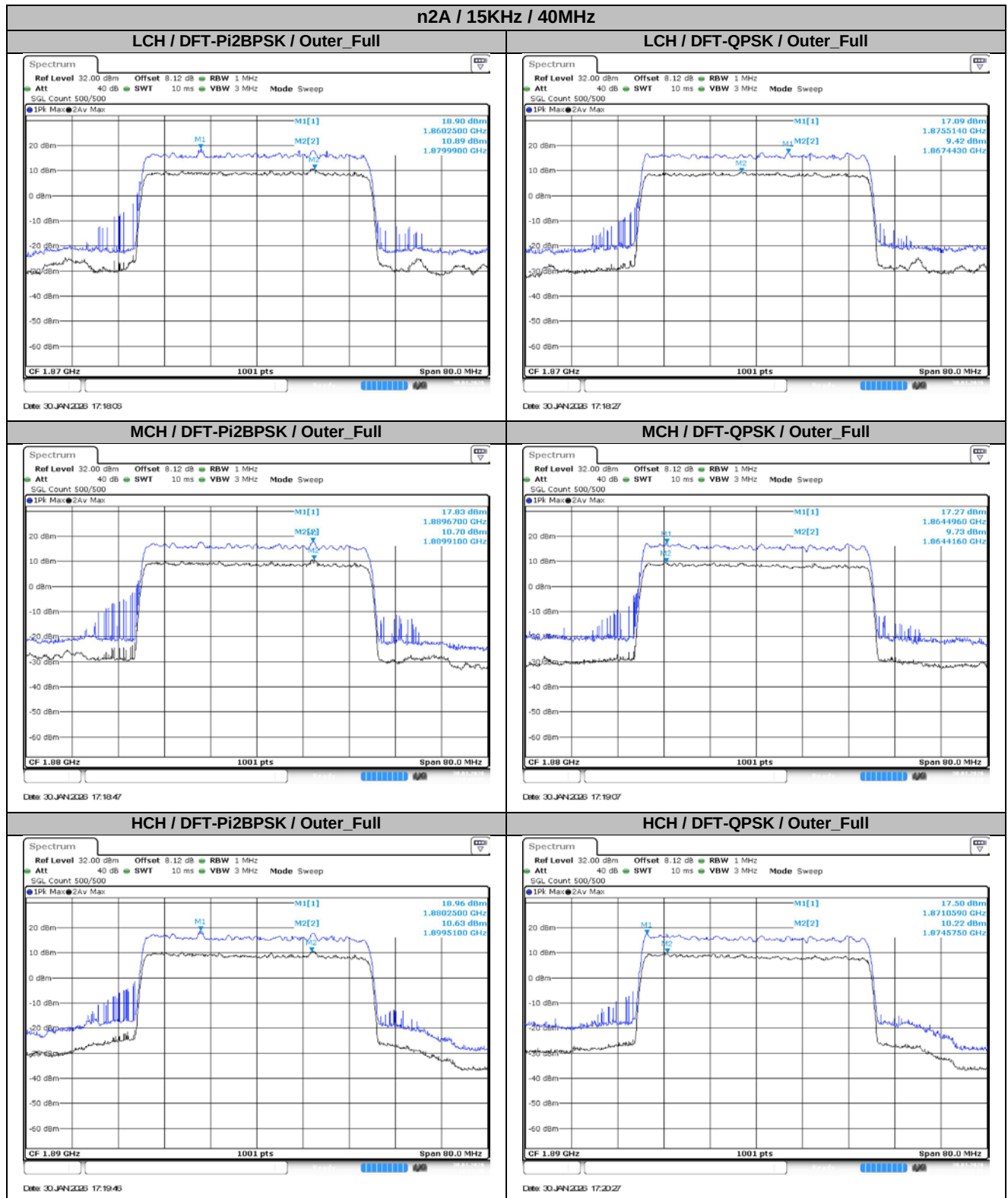
15KHz	30MHz	HCH	DFT-Pi2BPSK	23.45	23.43	23.56	20.06	33.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	23.31	23.32	23.58	20.08	33.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	22.94	22.79	22.64	19.44	33.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	21.24	21.31	21.12	17.81	33.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	19.20	19.14	19.12	15.70	33.00	Pass
15KHz	30MHz	HCH	CP-QPSK	22.11	22.05	22.10	18.61	33.00	Pass
15KHz	35MHz	LCH	DFT-Pi2BPSK	23.43	23.45	23.59	20.09	33.00	Pass
15KHz	35MHz	LCH	DFT-QPSK	23.35	23.37	23.59	20.09	33.00	Pass
15KHz	35MHz	LCH	DFT-16QAM	22.91	23.06	22.70	19.56	33.00	Pass
15KHz	35MHz	LCH	DFT-64QAM	21.34	21.41	21.16	17.91	33.00	Pass
15KHz	35MHz	LCH	DFT-256QAM	19.09	19.28	19.20	15.78	33.00	Pass
15KHz	35MHz	LCH	CP-QPSK	22.05	22.16	22.17	18.67	33.00	Pass
15KHz	35MHz	MCH	DFT-Pi2BPSK	23.33	23.40	23.53	20.03	33.00	Pass
15KHz	35MHz	MCH	DFT-QPSK	23.30	23.38	23.53	20.03	33.00	Pass
15KHz	35MHz	MCH	DFT-16QAM	22.68	22.81	22.70	19.31	33.00	Pass
15KHz	35MHz	MCH	DFT-64QAM	21.16	21.30	21.19	17.80	33.00	Pass
15KHz	35MHz	MCH	DFT-256QAM	19.00	19.08	19.16	15.66	33.00	Pass
15KHz	35MHz	MCH	CP-QPSK	21.92	22.00	22.16	18.66	33.00	Pass
15KHz	35MHz	HCH	DFT-Pi2BPSK	23.36	23.37	23.56	20.06	33.00	Pass
15KHz	35MHz	HCH	DFT-QPSK	23.29	23.22	23.53	20.03	33.00	Pass
15KHz	35MHz	HCH	DFT-16QAM	22.81	22.87	22.64	19.37	33.00	Pass
15KHz	35MHz	HCH	DFT-64QAM	21.30	21.33	21.12	17.83	33.00	Pass
15KHz	35MHz	HCH	DFT-256QAM	19.17	19.09	19.13	15.67	33.00	Pass
15KHz	35MHz	HCH	CP-QPSK	22.09	22.04	22.13	18.63	33.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	23.43	23.55	23.62	20.12	33.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	23.35	23.43	23.63	20.13	33.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	22.86	22.98	22.73	19.48	33.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	21.20	21.44	21.21	17.94	33.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	19.17	19.23	19.23	15.73	33.00	Pass
15KHz	40MHz	LCH	CP-QPSK	21.92	22.21	22.21	18.71	33.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	23.35	23.39	23.56	20.06	33.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	23.35	23.32	23.56	20.06	33.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	22.77	22.69	22.67	19.27	33.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	21.26	21.20	21.18	17.76	33.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	19.06	19.08	19.16	15.66	33.00	Pass
15KHz	40MHz	MCH	CP-QPSK	21.96	21.96	22.13	18.63	33.00	Pass
15KHz	40MHz	HCH	DFT-Pi2BPSK	23.36	23.40	23.54	20.04	33.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	23.24	23.26	23.53	20.03	33.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	22.69	22.83	22.64	19.33	33.00	Pass
15KHz	40MHz	HCH	DFT-64QAM	21.21	21.27	21.10	17.77	33.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	19.01	19.08	19.12	15.62	33.00	Pass
15KHz	40MHz	HCH	CP-QPSK	21.85	21.96	22.09	18.59	33.00	Pass

2. Peak-to-Average Ratio

2.1. Test Results

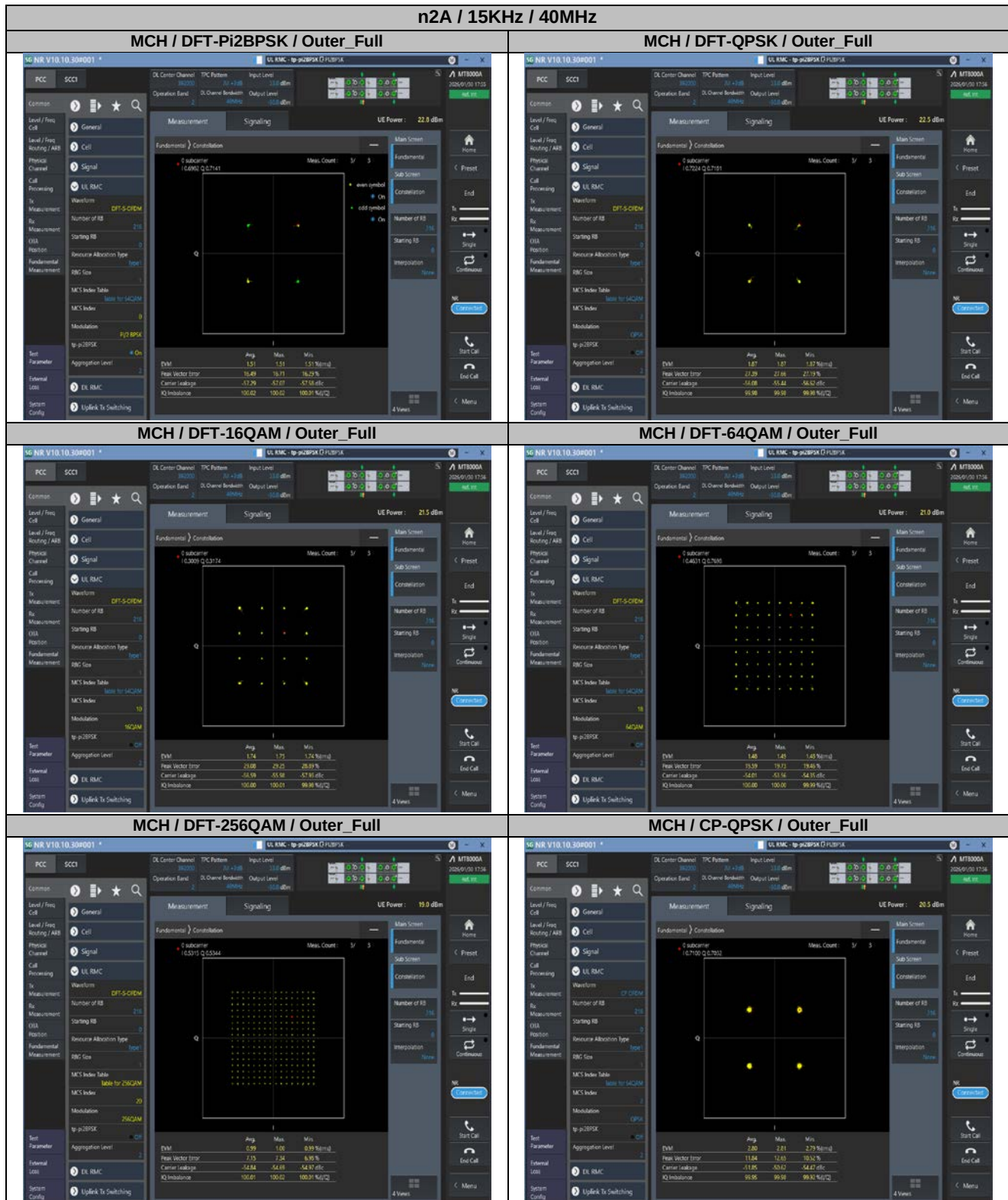
SCS	Bandwidth	Channel	RB	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	40MHz	LCH	Outer_Full	8.01	7.67	13.00	Pass
15KHz	40MHz	MCH	Outer_Full	7.13	7.54	13.00	Pass
15KHz	40MHz	HCH	Outer_Full	8.33	7.29	13.00	Pass

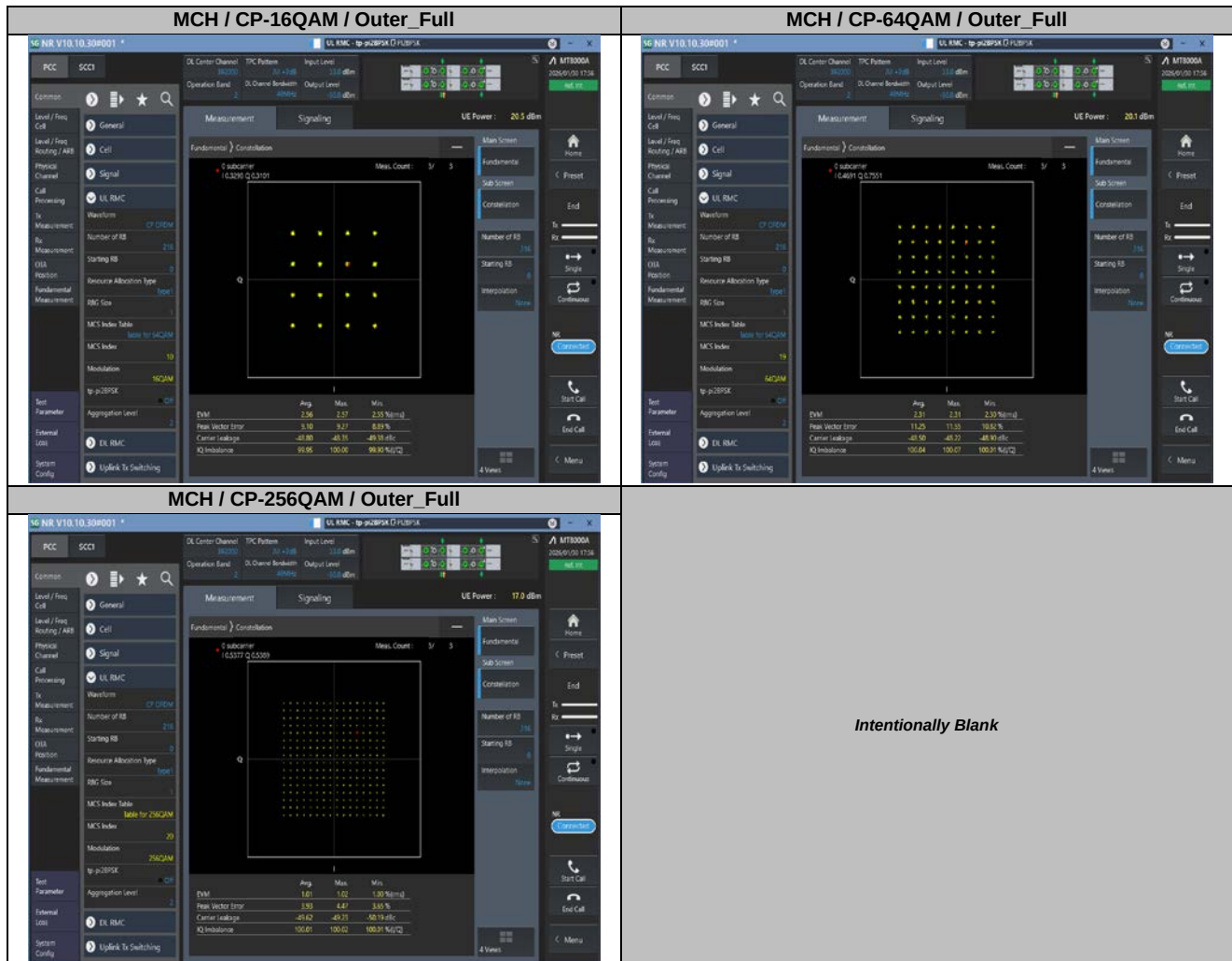
2.2. Test Plots for SCS=15KHz



3. Modulation Characteristics

3.1. Test Plots for SCS=15KHz



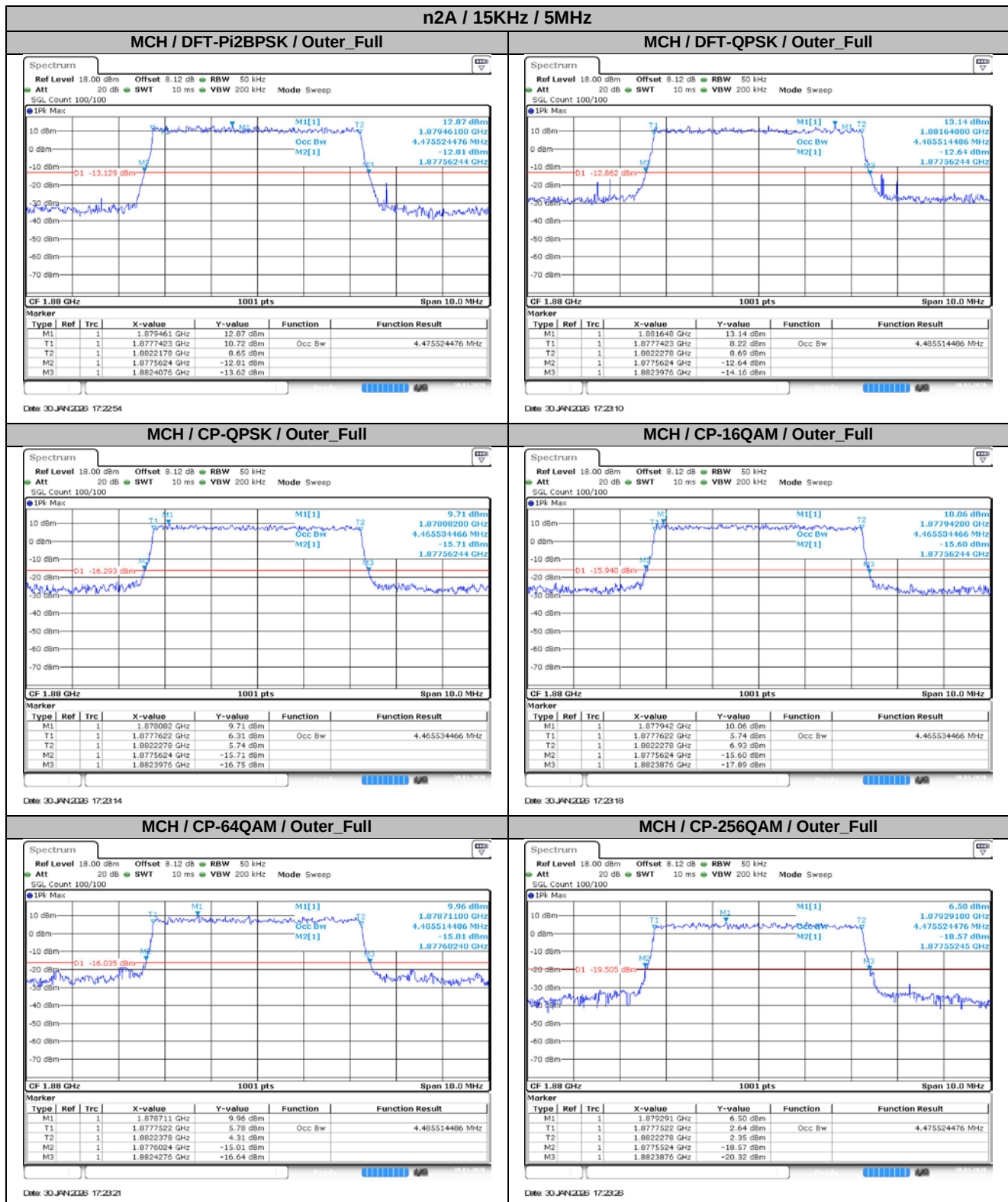


4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

4.1. Test Results

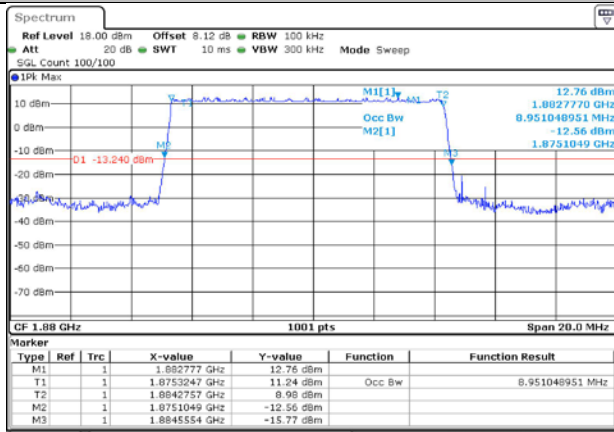
SCS	Bandwidth	Modulation	RB	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.48	4.85	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.49	4.84	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.47	4.84	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.47	4.83	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.49	4.83	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.48	4.84	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.95	9.45	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.91	9.35	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.27	9.77	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.29	9.75	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.27	9.73	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.25	9.73	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.43	14.12	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.43	14.09	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.09	14.81	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.09	14.87	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.12	14.84	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.09	14.78	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.82	18.66	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.82	18.66	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.90	19.86	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.90	19.74	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.94	19.74	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.86	19.74	Pass
15KHz	25MHz	DFT-Pi2BPSK	Outer_Full	22.88	23.78	Pass
15KHz	25MHz	DFT-QPSK	Outer_Full	22.88	23.83	Pass
15KHz	25MHz	CP-QPSK	Outer_Full	23.78	24.73	Pass
15KHz	25MHz	CP-16QAM	Outer_Full	23.78	24.73	Pass
15KHz	25MHz	CP-64QAM	Outer_Full	23.78	24.78	Pass
15KHz	25MHz	CP-256QAM	Outer_Full	23.68	24.73	Pass
15KHz	30MHz	DFT-Pi2BPSK	Outer_Full	28.59	29.67	Pass
15KHz	30MHz	DFT-QPSK	Outer_Full	28.47	29.79	Pass
15KHz	30MHz	CP-QPSK	Outer_Full	28.59	29.79	Pass
15KHz	30MHz	CP-16QAM	Outer_Full	28.47	29.73	Pass
15KHz	30MHz	CP-64QAM	Outer_Full	28.59	29.79	Pass
15KHz	30MHz	CP-256QAM	Outer_Full	28.53	29.73	Pass
15KHz	35MHz	DFT-Pi2BPSK	Outer_Full	32.17	33.64	Pass
15KHz	35MHz	DFT-QPSK	Outer_Full	32.17	33.64	Pass
15KHz	35MHz	CP-QPSK	Outer_Full	33.50	35.66	Pass
15KHz	35MHz	CP-16QAM	Outer_Full	33.57	35.03	Pass
15KHz	35MHz	CP-64QAM	Outer_Full	33.64	35.10	Pass
15KHz	35MHz	CP-256QAM	Outer_Full	33.50	35.03	Pass
15KHz	40MHz	DFT-Pi2BPSK	Outer_Full	38.52	40.12	Pass
15KHz	40MHz	DFT-QPSK	Outer_Full	38.60	40.60	Pass
15KHz	40MHz	CP-QPSK	Outer_Full	38.52	40.12	Pass
15KHz	40MHz	CP-16QAM	Outer_Full	38.52	40.12	Pass
15KHz	40MHz	CP-64QAM	Outer_Full	38.60	40.04	Pass
15KHz	40MHz	CP-256QAM	Outer_Full	38.60	40.20	Pass

4.2. Test Plots for SCS=15KHz



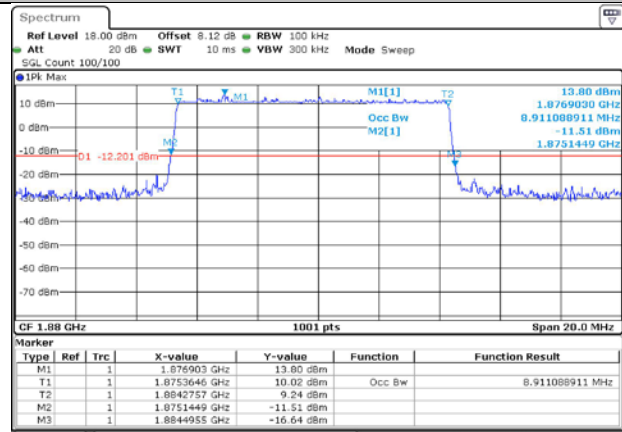
n2A / 15KHz / 10MHz

MCH / DFT-Pi2BPSK / Outer_Full



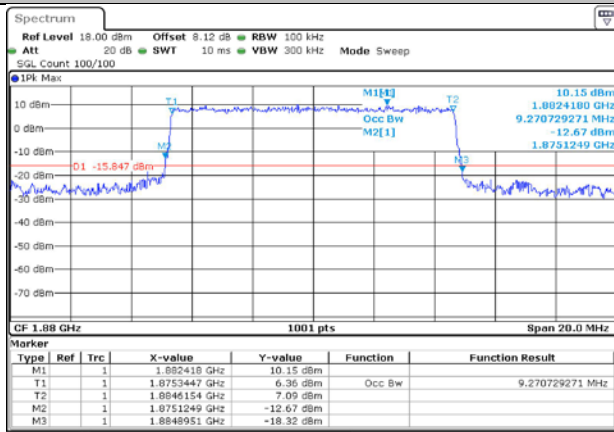
Date: 30.JAN.2025 17:23:45

MCH / DFT-QPSK / Outer_Full



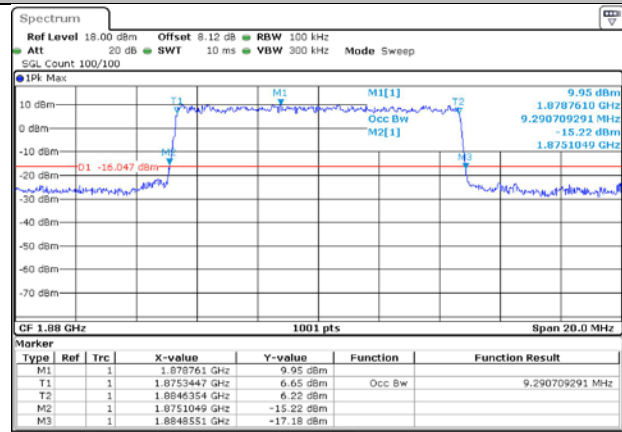
Date: 30.JAN.2025 17:24:00

MCH / CP-QPSK / Outer_Full



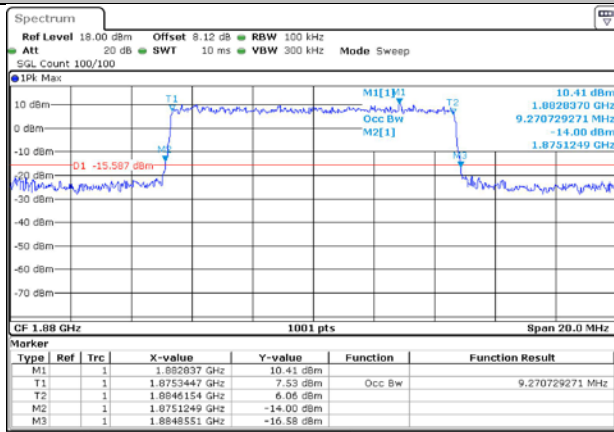
Date: 30.JAN.2025 17:24:05

MCH / CP-16QAM / Outer_Full



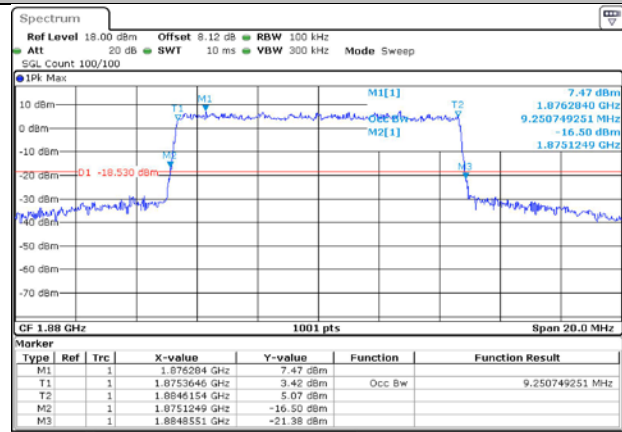
Date: 30.JAN.2025 17:24:10

MCH / CP-64QAM / Outer_Full



Date: 30.JAN.2025 17:24:14

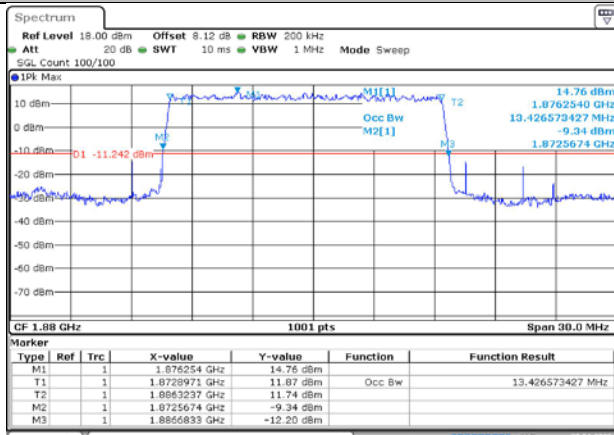
MCH / CP-256QAM / Outer_Full



Date: 30.JAN.2025 17:24:19

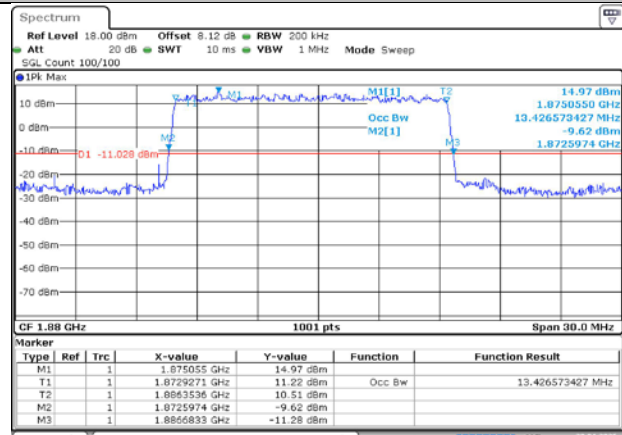
n2A / 15KHz / 15MHz

MCH / DFT-Pi2BPSK / Outer_Full



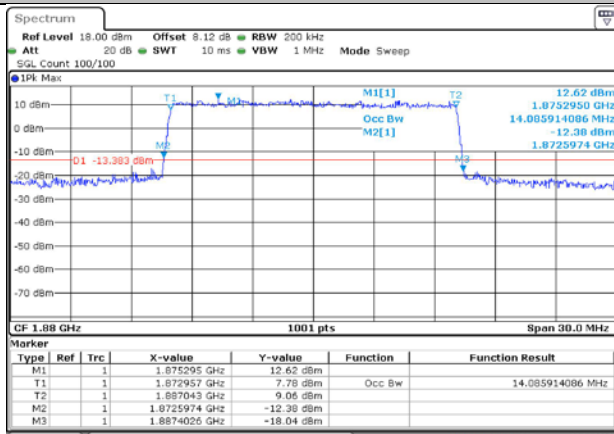
Date: 30 JAN 2016 17:24:39

MCH / DFT-QPSK / Outer_Full



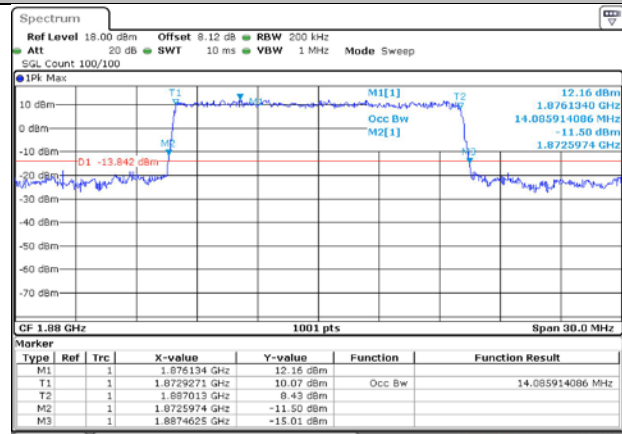
Date: 30 JAN 2016 17:24:54

MCH / CP-QPSK / Outer_Full



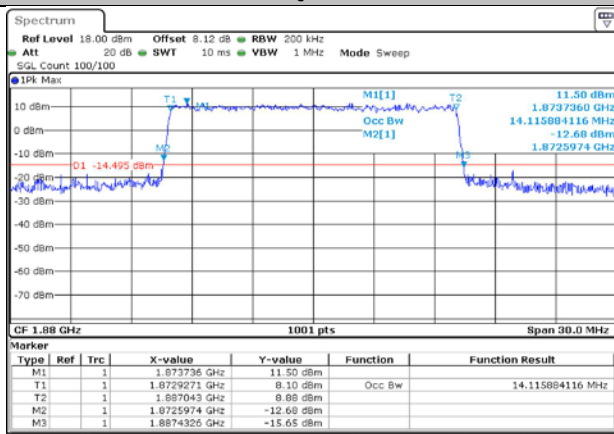
Date: 30 JAN 2016 17:25:00

MCH / CP-16QAM / Outer_Full



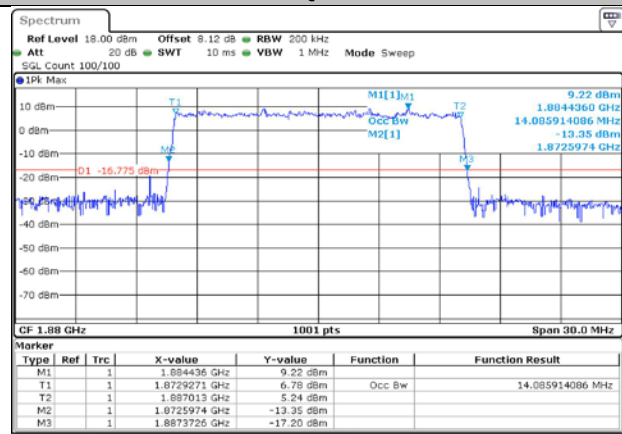
Date: 30 JAN 2016 17:25:04

MCH / CP-64QAM / Outer_Full



Date: 30 JAN 2016 17:25:09

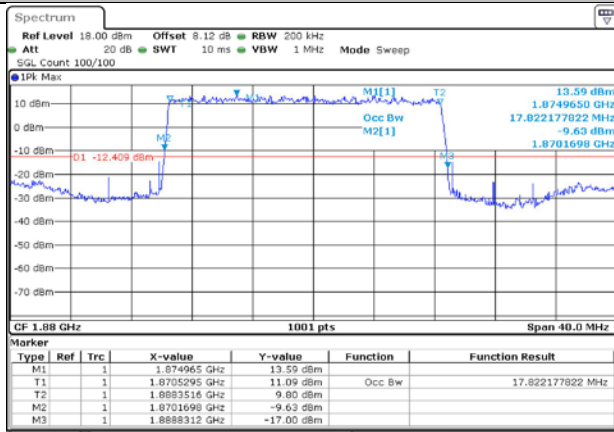
MCH / CP-256QAM / Outer_Full



Date: 30 JAN 2016 17:25:15

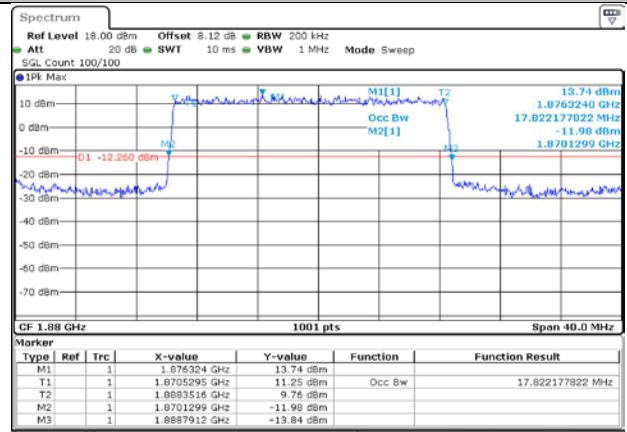
n2A / 15KHz / 20MHz

MCH / DFT-Pi2BPSK / Outer_Full



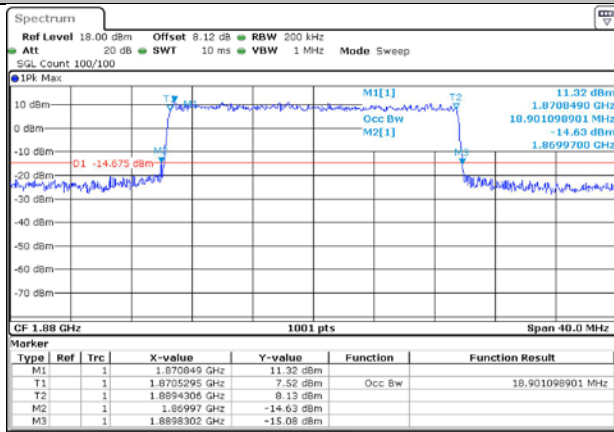
Date: 30.JAN.2025 17:30:31

MCH / DFT-QPSK / Outer_Full



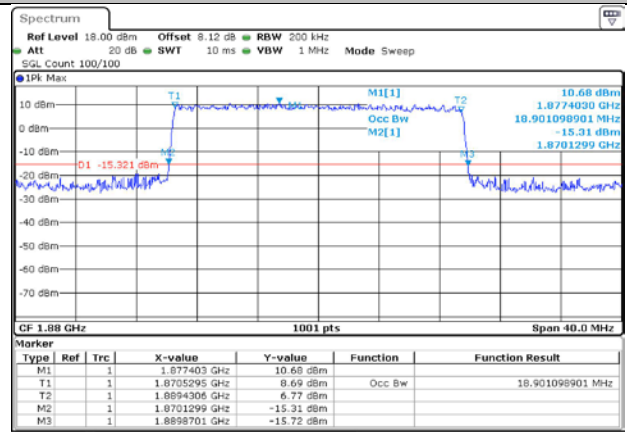
Date: 30.JAN.2025 17:31:12

MCH / CP-QPSK / Outer_Full



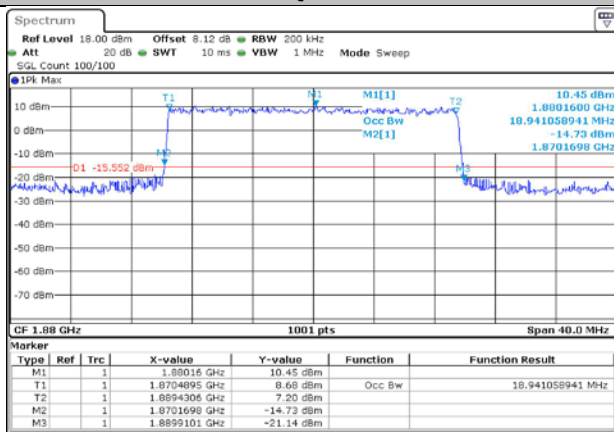
Date: 30.JAN.2025 17:31:18

MCH / CP-16QAM / Outer_Full



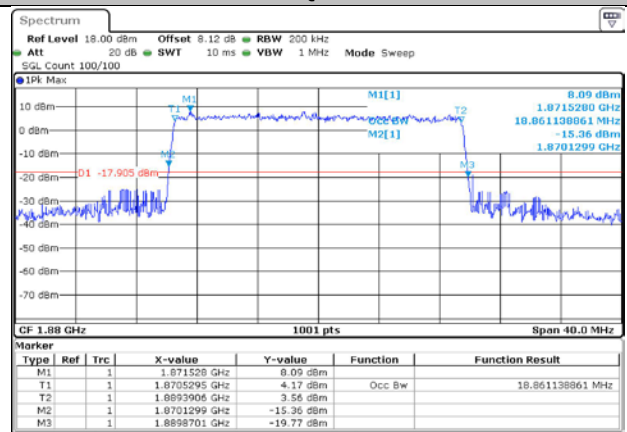
Date: 30.JAN.2025 17:31:22

MCH / CP-64QAM / Outer_Full



Date: 30.JAN.2025 17:31:27

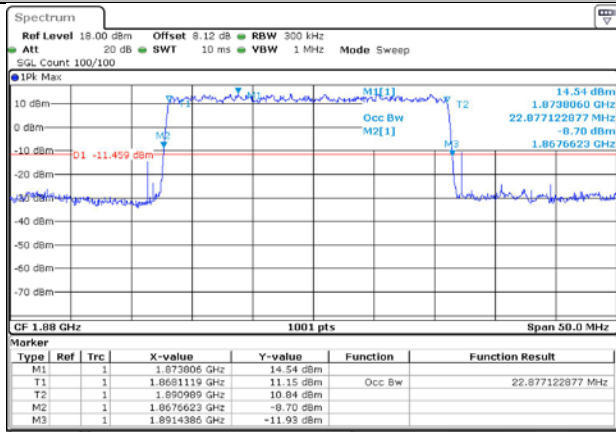
MCH / CP-256QAM / Outer_Full



Date: 30.JAN.2025 17:31:33

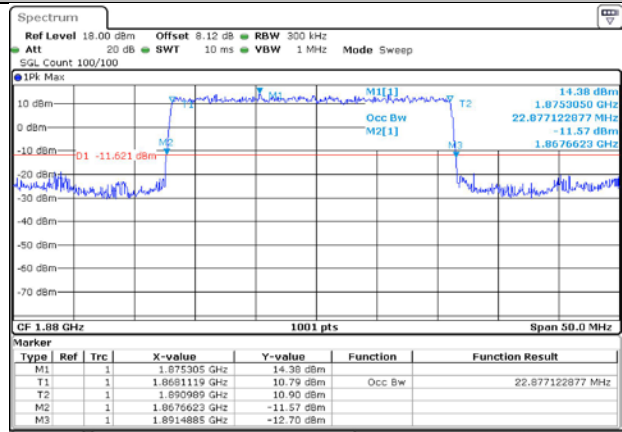
n2A / 15KHz / 25MHz

MCH / DFT-Pi2BPSK / Outer_Full



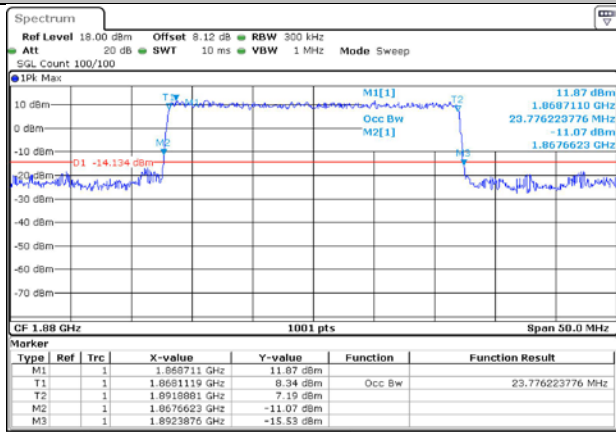
Date: 30.JAN.2025 17:31:52

MCH / DFT-QPSK / Outer_Full



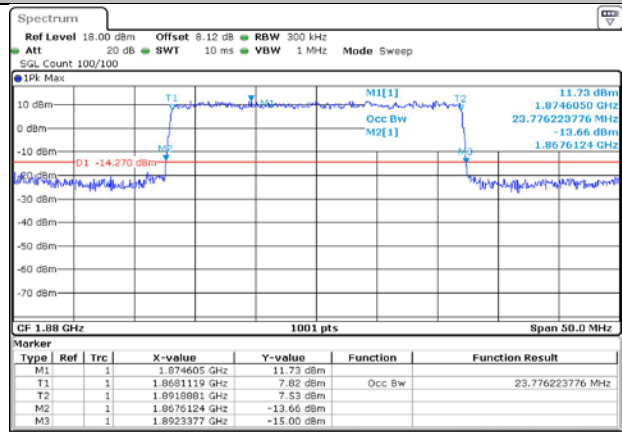
Date: 30.JAN.2025 17:32:05

MCH / CP-QPSK / Outer_Full



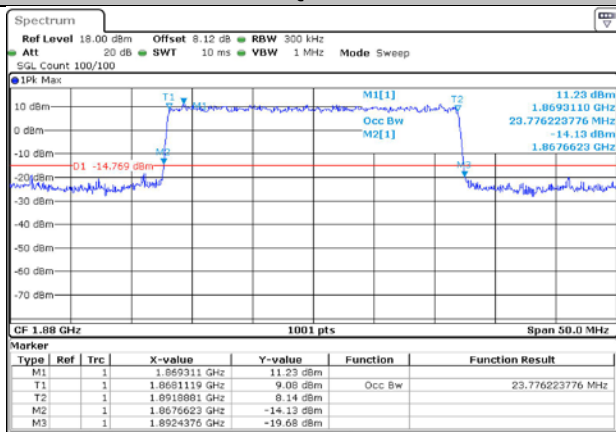
Date: 30.JAN.2025 17:32:10

MCH / CP-16QAM / Outer_Full



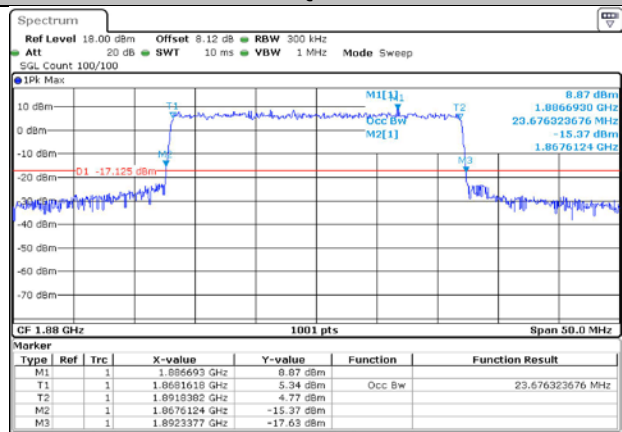
Date: 30.JAN.2025 17:32:14

MCH / CP-64QAM / Outer_Full



Date: 30.JAN.2025 17:32:17

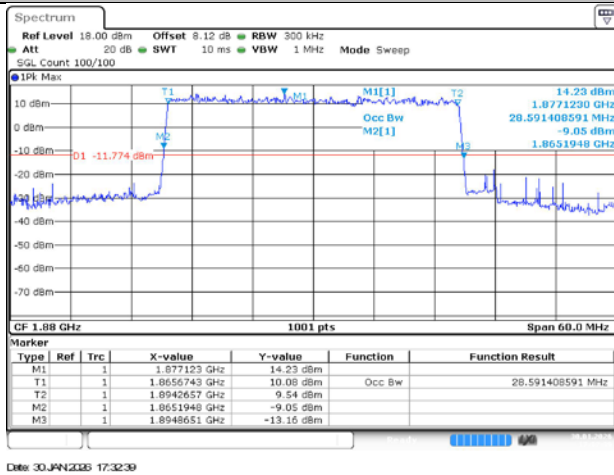
MCH / CP-256QAM / Outer_Full



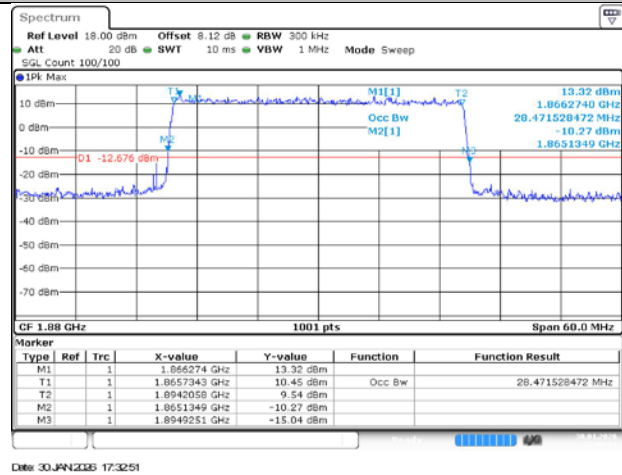
Date: 30.JAN.2025 17:32:22

n2A / 15KHz / 30MHz

MCH / DFT-Pi2BPSK / Outer_Full



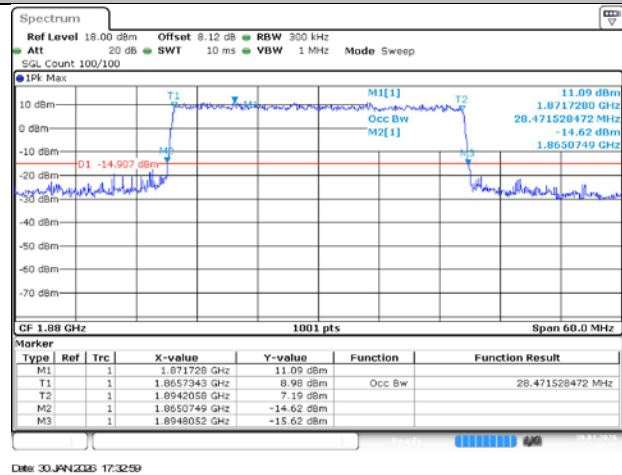
MCH / DFT-QPSK / Outer_Full



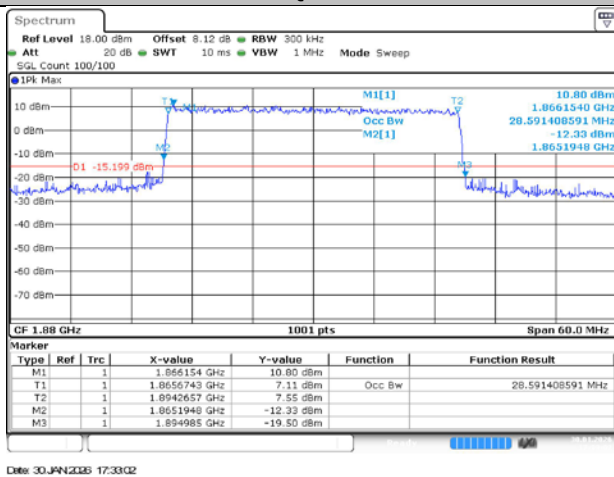
MCH / CP-QPSK / Outer_Full



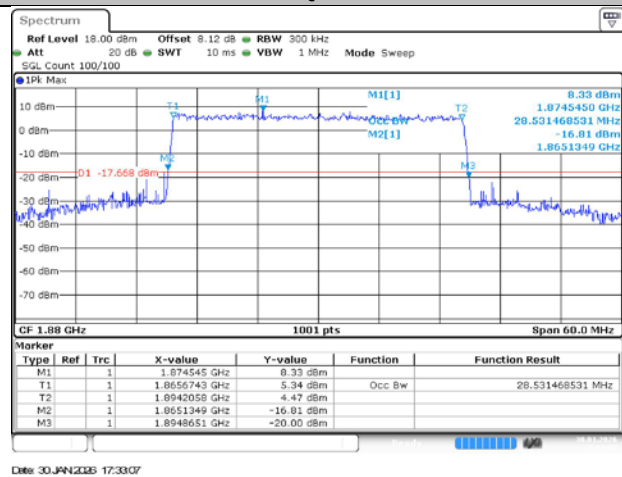
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

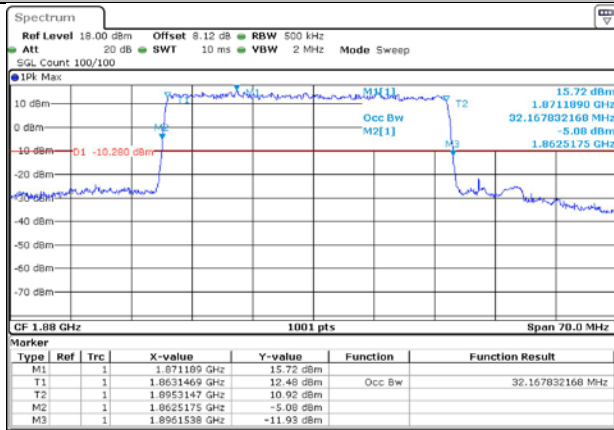


MCH / CP-256QAM / Outer_Full



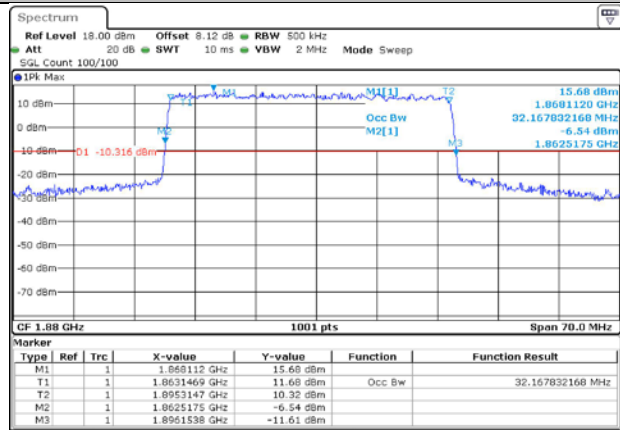
n2A / 15KHz / 35MHz

MCH / DFT-Pi2BPSK / Outer_Full



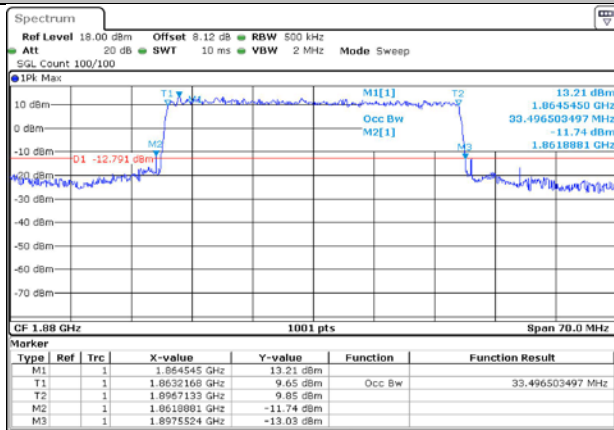
Date: 30.JAN.2025 17:33:25

MCH / DFT-QPSK / Outer_Full



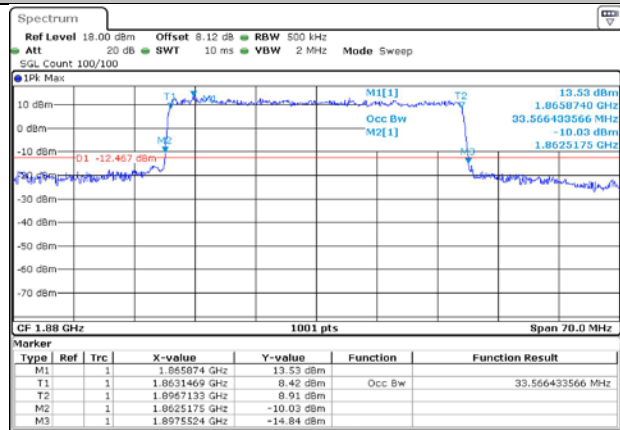
Date: 30.JAN.2025 17:33:41

MCH / CP-QPSK / Outer_Full



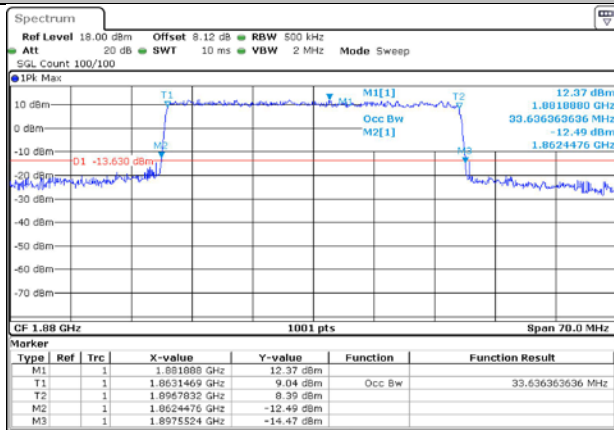
Date: 30.JAN.2025 17:33:45

MCH / CP-16QAM / Outer_Full



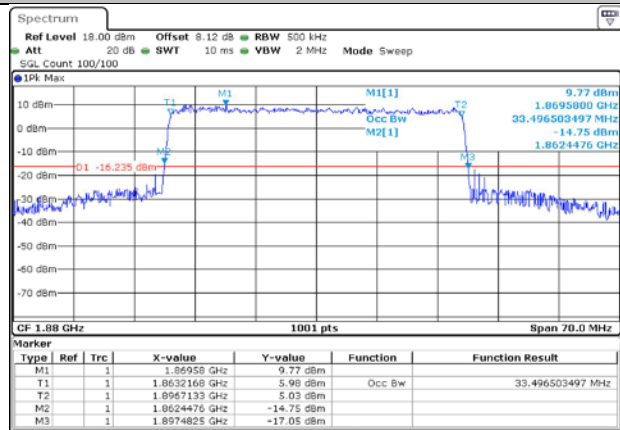
Date: 30.JAN.2025 17:33:49

MCH / CP-64QAM / Outer_Full



Date: 30.JAN.2025 17:33:52

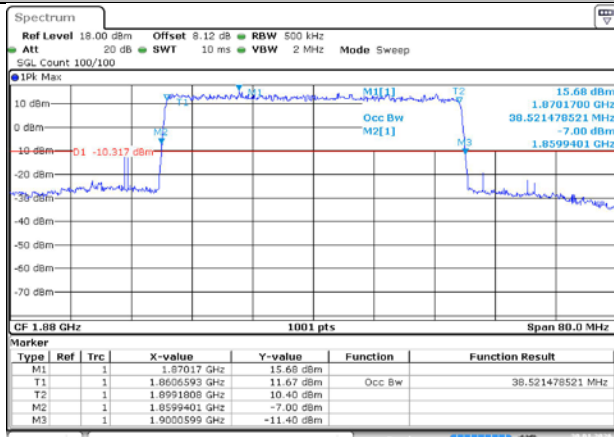
MCH / CP-256QAM / Outer_Full



Date: 30.JAN.2025 17:33:57

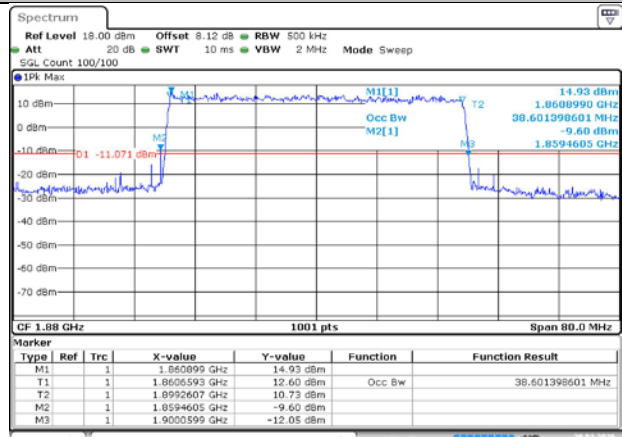
n2A / 15KHz / 40MHz

MCH / DFT-Pi2BPSK / Outer_Full



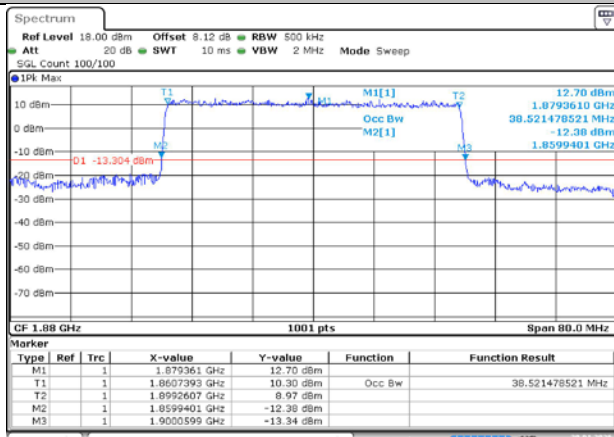
Date: 30.JAN.2025 17:34:17

MCH / DFT-QPSK / Outer_Full



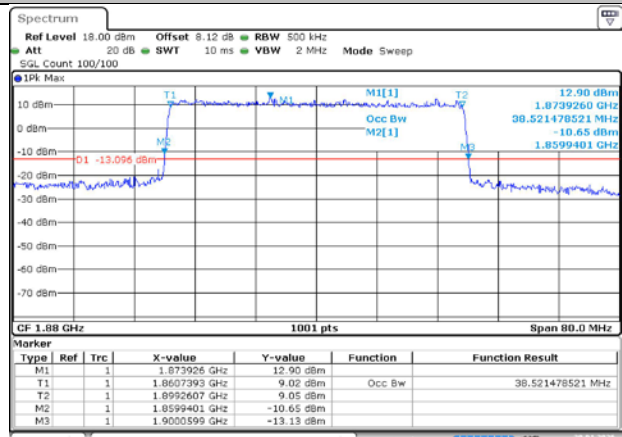
Date: 30.JAN.2025 17:34:32

MCH / CP-QPSK / Outer_Full



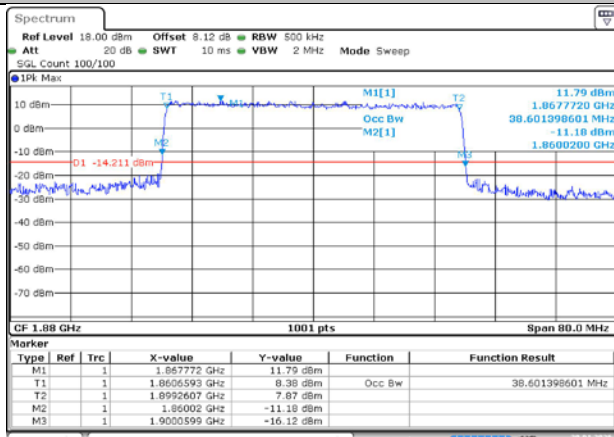
Date: 30.JAN.2025 17:34:35

MCH / CP-16QAM / Outer_Full



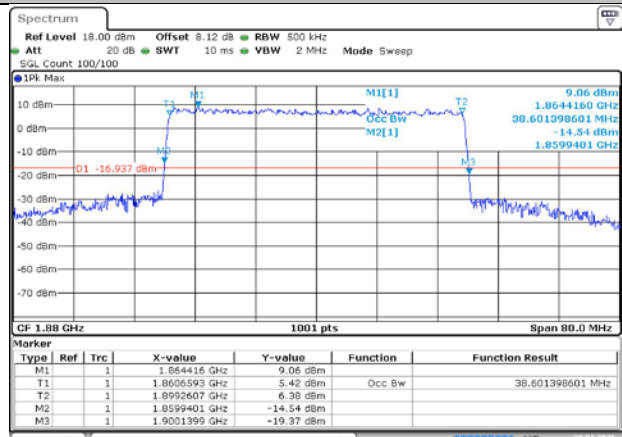
Date: 30.JAN.2025 17:34:40

MCH / CP-64QAM / Outer_Full



Date: 30.JAN.2025 17:34:43

MCH / CP-256QAM / Outer_Full



Date: 30.JAN.2025 17:34:48

5. Conducted Band Edges

5.1. Test Plots for SCS=15KHz

