

**Appendix  
for  
DC\_4A\_n38A  
(2570-2620)**

## Catalogue

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### 1. Effective Isotropic Radiated Power

#### 1.1. Test Results @ Ant3 (Antenna Gain=-3.30dBi)

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	23.24	23.20	23.27	19.97	33.00	Pass
15KHz	5MHz	LCH	DFT-QPSK	23.21	23.19	23.27	19.97	33.00	Pass
15KHz	5MHz	LCH	DFT-16QAM	22.32	22.29	22.25	19.02	33.00	Pass
15KHz	5MHz	LCH	DFT-64QAM	20.89	20.92	20.93	17.63	33.00	Pass
15KHz	5MHz	LCH	DFT-256QAM	18.79	18.81	18.95	15.65	33.00	Pass
15KHz	5MHz	LCH	CP-QPSK	21.51	21.48	21.73	18.43	33.00	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	23.27	23.32	23.32	20.02	33.00	Pass
15KHz	5MHz	MCH	DFT-QPSK	23.35	23.29	23.31	20.05	33.00	Pass
15KHz	5MHz	MCH	DFT-16QAM	22.32	22.37	22.35	19.07	33.00	Pass
15KHz	5MHz	MCH	DFT-64QAM	20.93	20.96	20.91	17.66	33.00	Pass
15KHz	5MHz	MCH	DFT-256QAM	18.85	18.85	18.98	15.68	33.00	Pass
15KHz	5MHz	MCH	CP-QPSK	21.58	21.58	21.78	18.48	33.00	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	23.23	23.04	23.30	20.00	33.00	Pass
15KHz	5MHz	HCH	DFT-QPSK	23.22	23.22	23.24	19.94	33.00	Pass
15KHz	5MHz	HCH	DFT-16QAM	22.28	22.30	22.28	19.00	33.00	Pass
15KHz	5MHz	HCH	DFT-64QAM	20.86	20.80	20.85	17.56	33.00	Pass
15KHz	5MHz	HCH	DFT-256QAM	18.70	18.71	18.87	15.57	33.00	Pass
15KHz	5MHz	HCH	CP-QPSK	21.49	21.49	21.71	18.41	33.00	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	23.18	23.20	23.20	19.90	33.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	23.23	23.18	23.32	20.02	33.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	22.17	22.18	22.25	18.95	33.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	20.90	20.93	20.86	17.63	33.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	18.83	18.77	18.90	15.60	33.00	Pass
15KHz	10MHz	LCH	CP-QPSK	21.53	21.55	21.67	18.37	33.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	23.29	23.29	23.33	20.03	33.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	23.32	23.36	23.31	20.06	33.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	22.38	22.28	22.36	19.08	33.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	20.92	20.99	20.88	17.69	33.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	18.81	18.87	18.92	15.62	33.00	Pass
15KHz	10MHz	MCH	CP-QPSK	21.59	21.65	21.78	18.48	33.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	23.23	23.26	23.28	19.98	33.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	23.17	23.27	23.26	19.97	33.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	22.22	22.27	22.35	19.05	33.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	20.90	20.88	20.88	17.60	33.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	18.73	18.70	18.80	15.50	33.00	Pass
15KHz	10MHz	HCH	CP-QPSK	21.56	21.63	21.67	18.37	33.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	23.26	23.35	23.23	20.05	33.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	23.25	23.40	23.22	20.10	33.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	22.34	22.40	22.17	19.10	33.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	20.91	21.00	20.84	17.70	33.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	18.78	18.88	18.85	15.58	33.00	Pass
15KHz	15MHz	LCH	CP-QPSK	21.59	21.70	21.76	18.46	33.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	23.31	23.36	23.32	20.06	33.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	23.33	23.34	23.31	20.04	33.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	22.29	22.29	22.33	19.03	33.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	20.96	21.01	20.92	17.71	33.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	18.75	18.88	18.92	15.62	33.00	Pass
15KHz	15MHz	MCH	CP-QPSK	21.66	21.71	21.83	18.53	33.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	23.29	23.27	23.28	19.99	33.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	23.32	23.32	23.23	20.02	33.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	22.28	22.26	22.23	18.98	33.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	20.94	20.85	20.79	17.64	33.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	18.82	18.74	18.85	15.55	33.00	Pass
15KHz	15MHz	HCH	CP-QPSK	21.62	21.65	21.70	18.40	33.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	23.20	23.32	23.12	20.02	33.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	23.19	23.28	23.20	19.98	33.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	22.30	22.37	22.22	19.07	33.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	20.86	20.90	20.80	17.60	33.00	Pass
15KHz	20MHz	LCH	DFT-256QAM	18.74	18.80	18.85	15.55	33.00	Pass

15KHz	20MHz	LCH	CP-QPSK	21.53	21.64	21.72	18.42	33.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.29	23.30	23.27	20.00	33.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	23.30	23.38	23.30	20.08	33.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	22.35	22.31	22.31	19.05	33.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	20.94	21.00	20.89	17.70	33.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	18.80	18.84	18.87	15.57	33.00	Pass
15KHz	20MHz	MCH	CP-QPSK	21.62	21.67	21.78	18.48	33.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	23.29	23.28	23.29	19.99	33.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	23.29	23.29	23.29	19.99	33.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	22.30	22.39	22.27	19.09	33.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	21.00	20.91	20.81	17.70	33.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	18.81	18.68	18.82	15.52	33.00	Pass
15KHz	20MHz	HCH	CP-QPSK	21.62	21.67	21.74	18.44	33.00	Pass
15KHz	25MHz	LCH	DFT-Pi2BPSK	23.16	23.26	23.24	19.96	33.00	Pass
15KHz	25MHz	LCH	DFT-QPSK	23.17	23.33	23.21	20.03	33.00	Pass
15KHz	25MHz	LCH	DFT-16QAM	22.10	22.26	22.22	18.96	33.00	Pass
15KHz	25MHz	LCH	DFT-64QAM	20.80	20.80	20.77	17.50	33.00	Pass
15KHz	25MHz	LCH	DFT-256QAM	18.68	18.69	18.77	15.47	33.00	Pass
15KHz	25MHz	LCH	CP-QPSK	21.48	21.59	21.70	18.40	33.00	Pass
15KHz	25MHz	MCH	DFT-Pi2BPSK	23.18	23.25	23.27	19.97	33.00	Pass
15KHz	25MHz	MCH	DFT-QPSK	23.14	23.27	23.28	19.98	33.00	Pass
15KHz	25MHz	MCH	DFT-16QAM	22.26	22.34	22.24	19.04	33.00	Pass
15KHz	25MHz	MCH	DFT-64QAM	20.81	20.83	20.78	17.53	33.00	Pass
15KHz	25MHz	MCH	DFT-256QAM	18.66	18.70	18.80	15.50	33.00	Pass
15KHz	25MHz	MCH	CP-QPSK	21.48	21.56	21.73	18.43	33.00	Pass
15KHz	25MHz	HCH	DFT-Pi2BPSK	23.26	23.16	23.25	19.96	33.00	Pass
15KHz	25MHz	HCH	DFT-QPSK	23.26	23.18	23.29	19.99	33.00	Pass
15KHz	25MHz	HCH	DFT-16QAM	22.28	22.26	22.23	18.98	33.00	Pass
15KHz	25MHz	HCH	DFT-64QAM	20.85	20.85	20.79	17.55	33.00	Pass
15KHz	25MHz	HCH	DFT-256QAM	18.92	18.70	18.74	15.62	33.00	Pass
15KHz	25MHz	HCH	CP-QPSK	21.57	21.52	21.74	18.44	33.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	23.15	23.30	23.31	20.01	33.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	23.17	23.30	23.33	20.03	33.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	22.17	22.27	22.27	18.97	33.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	20.74	20.87	20.85	17.57	33.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	18.60	18.75	18.85	15.55	33.00	Pass
15KHz	30MHz	LCH	CP-QPSK	21.50	21.64	21.83	18.53	33.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	23.12	23.16	23.34	20.04	33.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	23.17	23.29	23.35	20.05	33.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	22.12	22.24	22.35	19.05	33.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	20.73	20.79	20.82	17.52	33.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	18.68	18.68	18.88	15.58	33.00	Pass
15KHz	30MHz	MCH	CP-QPSK	21.49	21.58	21.81	18.51	33.00	Pass
15KHz	30MHz	HCH	DFT-Pi2BPSK	23.30	23.20	23.34	20.04	33.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	23.23	23.22	23.40	20.10	33.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	22.23	22.16	22.34	19.04	33.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	20.78	20.84	20.82	17.54	33.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	18.67	18.96	18.84	15.66	33.00	Pass
15KHz	30MHz	HCH	CP-QPSK	21.59	21.50	21.80	18.50	33.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	23.13	23.31	23.43	20.13	33.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	23.16	23.31	23.39	20.09	33.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	22.27	22.35	22.41	19.11	33.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	20.79	20.84	20.91	17.61	33.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	18.67	18.74	18.89	15.59	33.00	Pass
15KHz	40MHz	LCH	CP-QPSK	21.51	21.64	21.87	18.57	33.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	23.13	23.30	23.36	20.06	33.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	23.21	23.38	23.37	20.08	33.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	22.26	22.45	22.41	19.15	33.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	20.56	20.76	20.84	17.54	33.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	18.70	18.82	18.88	15.58	33.00	Pass
15KHz	40MHz	MCH	CP-QPSK	21.66	21.94	21.83	18.64	33.00	Pass
15KHz	40MHz	HCH	DFT-Pi2BPSK	23.07	23.21	23.39	20.09	33.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	23.19	23.28	23.35	20.05	33.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	22.25	22.35	22.36	19.06	33.00	Pass

15KHz	40MHz	HCH	DFT-64QAM	20.57	20.80	20.81	17.51	33.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	18.76	18.84	18.75	15.54	33.00	Pass
15KHz	40MHz	HCH	CP-QPSK	21.79	21.81	21.83	18.53	33.00	Pass
30KHz	10MHz	LCH	DFT-Pi2BPSK	23.31	23.37	23.45	20.15	33.00	Pass
30KHz	10MHz	LCH	DFT-QPSK	23.39	23.38	23.31	20.09	33.00	Pass
30KHz	10MHz	LCH	DFT-16QAM	22.46	22.40	22.36	19.16	33.00	Pass
30KHz	10MHz	LCH	DFT-64QAM	20.81	20.79	20.88	17.58	33.00	Pass
30KHz	10MHz	LCH	DFT-256QAM	19.00	18.97	18.88	15.70	33.00	Pass
30KHz	10MHz	LCH	CP-QPSK	22.11	22.16	21.82	18.86	33.00	Pass
30KHz	10MHz	MCH	DFT-Pi2BPSK	23.40	23.41	23.35	20.11	33.00	Pass
30KHz	10MHz	MCH	DFT-QPSK	23.48	23.47	23.36	20.18	33.00	Pass
30KHz	10MHz	MCH	DFT-16QAM	22.45	22.52	22.40	19.22	33.00	Pass
30KHz	10MHz	MCH	DFT-64QAM	20.76	20.77	20.89	17.59	33.00	Pass
30KHz	10MHz	MCH	DFT-256QAM	19.03	19.07	18.96	15.77	33.00	Pass
30KHz	10MHz	MCH	CP-QPSK	22.11	22.30	21.83	19.00	33.00	Pass
30KHz	10MHz	HCH	DFT-Pi2BPSK	23.31	23.35	23.34	20.05	33.00	Pass
30KHz	10MHz	HCH	DFT-QPSK	23.39	23.43	23.33	20.13	33.00	Pass
30KHz	10MHz	HCH	DFT-16QAM	22.47	22.49	22.37	19.19	33.00	Pass
30KHz	10MHz	HCH	DFT-64QAM	20.67	20.67	20.81	17.51	33.00	Pass
30KHz	10MHz	HCH	DFT-256QAM	18.92	18.95	18.86	15.65	33.00	Pass
30KHz	10MHz	HCH	CP-QPSK	22.07	22.17	21.86	18.87	33.00	Pass
30KHz	15MHz	LCH	DFT-Pi2BPSK	23.29	23.36	23.19	20.06	33.00	Pass
30KHz	15MHz	LCH	DFT-QPSK	23.33	23.47	23.21	20.17	33.00	Pass
30KHz	15MHz	LCH	DFT-16QAM	22.28	22.41	22.34	19.11	33.00	Pass
30KHz	15MHz	LCH	DFT-64QAM	20.58	20.64	20.86	17.56	33.00	Pass
30KHz	15MHz	LCH	DFT-256QAM	18.87	19.00	18.85	15.70	33.00	Pass
30KHz	15MHz	LCH	CP-QPSK	21.85	22.26	21.79	18.96	33.00	Pass
30KHz	15MHz	MCH	DFT-Pi2BPSK	23.37	23.40	23.36	20.10	33.00	Pass
30KHz	15MHz	MCH	DFT-QPSK	23.55	23.41	23.29	20.25	33.00	Pass
30KHz	15MHz	MCH	DFT-16QAM	22.42	22.42	22.38	19.12	33.00	Pass
30KHz	15MHz	MCH	DFT-64QAM	20.65	20.67	20.94	17.64	33.00	Pass
30KHz	15MHz	MCH	DFT-256QAM	18.87	19.02	18.94	15.72	33.00	Pass
30KHz	15MHz	MCH	CP-QPSK	22.21	22.00	21.88	18.91	33.00	Pass
30KHz	15MHz	HCH	DFT-Pi2BPSK	23.33	23.35	23.24	20.05	33.00	Pass
30KHz	15MHz	HCH	DFT-QPSK	23.41	23.40	23.21	20.11	33.00	Pass
30KHz	15MHz	HCH	DFT-16QAM	22.39	22.37	22.27	19.09	33.00	Pass
30KHz	15MHz	HCH	DFT-64QAM	20.75	20.62	20.89	17.59	33.00	Pass
30KHz	15MHz	HCH	DFT-256QAM	18.94	18.94	18.84	15.64	33.00	Pass
30KHz	15MHz	HCH	CP-QPSK	22.20	22.13	21.79	18.90	33.00	Pass
30KHz	20MHz	LCH	DFT-Pi2BPSK	23.26	23.36	23.36	20.06	33.00	Pass
30KHz	20MHz	LCH	DFT-QPSK	23.34	23.44	23.23	20.14	33.00	Pass
30KHz	20MHz	LCH	DFT-16QAM	22.33	22.41	22.35	19.11	33.00	Pass
30KHz	20MHz	LCH	DFT-64QAM	20.73	20.70	20.83	17.53	33.00	Pass
30KHz	20MHz	LCH	DFT-256QAM	18.90	18.82	18.86	15.60	33.00	Pass
30KHz	20MHz	LCH	CP-QPSK	22.07	22.11	21.73	18.81	33.00	Pass
30KHz	20MHz	MCH	DFT-Pi2BPSK	23.37	23.42	23.39	20.12	33.00	Pass
30KHz	20MHz	MCH	DFT-QPSK	23.42	23.49	23.37	20.19	33.00	Pass
30KHz	20MHz	MCH	DFT-16QAM	22.44	22.57	22.34	19.27	33.00	Pass
30KHz	20MHz	MCH	DFT-64QAM	20.63	20.78	20.93	17.63	33.00	Pass
30KHz	20MHz	MCH	DFT-256QAM	18.85	19.01	19.07	15.77	33.00	Pass
30KHz	20MHz	MCH	CP-QPSK	22.05	21.93	21.85	18.75	33.00	Pass
30KHz	20MHz	HCH	DFT-Pi2BPSK	23.36	23.40	23.32	20.10	33.00	Pass
30KHz	20MHz	HCH	DFT-QPSK	23.39	23.49	23.31	20.19	33.00	Pass
30KHz	20MHz	HCH	DFT-16QAM	22.50	22.43	22.33	19.20	33.00	Pass
30KHz	20MHz	HCH	DFT-64QAM	20.71	20.79	20.85	17.55	33.00	Pass
30KHz	20MHz	HCH	DFT-256QAM	19.05	18.97	18.94	15.75	33.00	Pass
30KHz	20MHz	HCH	CP-QPSK	22.20	22.07	21.76	18.90	33.00	Pass
30KHz	25MHz	LCH	DFT-Pi2BPSK	23.33	23.43	23.32	20.13	33.00	Pass
30KHz	25MHz	LCH	DFT-QPSK	23.39	23.56	23.32	20.26	33.00	Pass
30KHz	25MHz	LCH	DFT-16QAM	22.35	22.43	22.35	19.13	33.00	Pass
30KHz	25MHz	LCH	DFT-64QAM	20.55	20.65	20.81	17.51	33.00	Pass
30KHz	25MHz	LCH	DFT-256QAM	18.73	18.90	18.82	15.60	33.00	Pass
30KHz	25MHz	LCH	CP-QPSK	22.03	22.04	21.67	18.74	33.00	Pass
30KHz	25MHz	MCH	DFT-Pi2BPSK	23.36	23.41	23.34	20.11	33.00	Pass

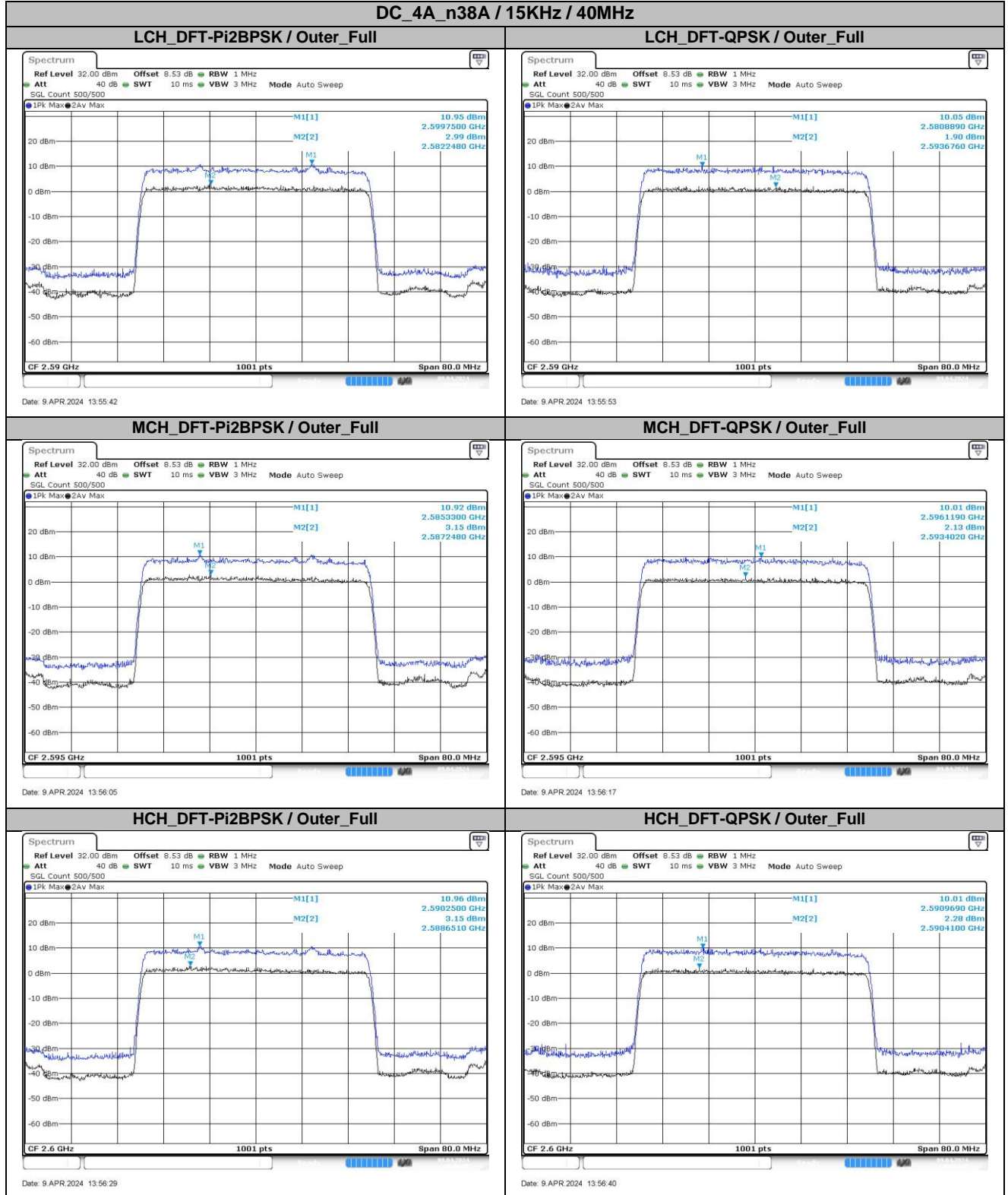
30KHz	25MHz	MCH	DFT-QPSK	23.42	23.47	23.37	20.17	33.00	Pass
30KHz	25MHz	MCH	DFT-16QAM	22.48	22.46	22.37	19.18	33.00	Pass
30KHz	25MHz	MCH	DFT-64QAM	20.55	20.69	20.80	17.50	33.00	Pass
30KHz	25MHz	MCH	DFT-256QAM	18.80	18.88	18.85	15.58	33.00	Pass
30KHz	25MHz	MCH	CP-QPSK	21.96	21.97	21.87	18.67	33.00	Pass
30KHz	25MHz	HCH	DFT-Pi2BPSK	23.38	23.36	23.31	20.08	33.00	Pass
30KHz	25MHz	HCH	DFT-QPSK	23.41	23.42	23.32	20.12	33.00	Pass
30KHz	25MHz	HCH	DFT-16QAM	22.53	22.45	22.36	19.23	33.00	Pass
30KHz	25MHz	HCH	DFT-64QAM	20.61	20.64	20.82	17.52	33.00	Pass
30KHz	25MHz	HCH	DFT-256QAM	18.91	18.95	18.86	15.65	33.00	Pass
30KHz	25MHz	HCH	CP-QPSK	22.21	21.95	21.82	18.91	33.00	Pass
30KHz	30MHz	LCH	DFT-Pi2BPSK	23.28	23.37	23.44	20.14	33.00	Pass
30KHz	30MHz	LCH	DFT-QPSK	23.25	23.39	23.37	20.09	33.00	Pass
30KHz	30MHz	LCH	DFT-16QAM	21.99	22.14	22.32	19.02	33.00	Pass
30KHz	30MHz	LCH	DFT-64QAM	20.74	20.82	20.88	17.58	33.00	Pass
30KHz	30MHz	LCH	DFT-256QAM	18.74	18.81	18.86	15.56	33.00	Pass
30KHz	30MHz	LCH	CP-QPSK	21.69	21.75	21.95	18.65	33.00	Pass
30KHz	30MHz	MCH	DFT-Pi2BPSK	23.27	23.35	23.44	20.14	33.00	Pass
30KHz	30MHz	MCH	DFT-QPSK	23.25	23.39	23.46	20.16	33.00	Pass
30KHz	30MHz	MCH	DFT-16QAM	21.93	22.06	22.41	19.11	33.00	Pass
30KHz	30MHz	MCH	DFT-64QAM	20.74	20.78	20.90	17.60	33.00	Pass
30KHz	30MHz	MCH	DFT-256QAM	18.80	18.82	18.89	15.59	33.00	Pass
30KHz	30MHz	MCH	CP-QPSK	21.67	21.73	21.96	18.66	33.00	Pass
30KHz	30MHz	HCH	DFT-Pi2BPSK	23.36	23.31	23.46	20.16	33.00	Pass
30KHz	30MHz	HCH	DFT-QPSK	23.35	23.35	23.39	20.09	33.00	Pass
30KHz	30MHz	HCH	DFT-16QAM	22.09	22.05	22.35	19.05	33.00	Pass
30KHz	30MHz	HCH	DFT-64QAM	20.76	20.82	20.91	17.61	33.00	Pass
30KHz	30MHz	HCH	DFT-256QAM	18.81	18.82	18.88	15.58	33.00	Pass
30KHz	30MHz	HCH	CP-QPSK	21.76	21.67	21.93	18.63	33.00	Pass
30KHz	40MHz	LCH	DFT-Pi2BPSK	23.27	23.41	23.41	20.11	33.00	Pass
30KHz	40MHz	LCH	DFT-QPSK	23.33	23.49	23.43	20.19	33.00	Pass
30KHz	40MHz	LCH	DFT-16QAM	22.37	22.46	22.50	19.20	33.00	Pass
30KHz	40MHz	LCH	DFT-64QAM	20.65	20.67	20.83	17.53	33.00	Pass
30KHz	40MHz	LCH	DFT-256QAM	18.81	18.94	18.91	15.64	33.00	Pass
30KHz	40MHz	LCH	CP-QPSK	21.98	22.16	21.92	18.86	33.00	Pass
30KHz	40MHz	MCH	DFT-Pi2BPSK	23.26	23.36	23.43	20.13	33.00	Pass
30KHz	40MHz	MCH	DFT-QPSK	23.30	23.40	23.44	20.14	33.00	Pass
30KHz	40MHz	MCH	DFT-16QAM	22.36	22.52	22.46	19.22	33.00	Pass
30KHz	40MHz	MCH	DFT-64QAM	20.67	20.67	20.84	17.54	33.00	Pass
30KHz	40MHz	MCH	DFT-256QAM	18.87	18.90	18.89	15.60	33.00	Pass
30KHz	40MHz	MCH	CP-QPSK	22.03	22.17	21.93	18.87	33.00	Pass
30KHz	40MHz	HCH	DFT-Pi2BPSK	23.23	23.35	23.44	20.14	33.00	Pass
30KHz	40MHz	HCH	DFT-QPSK	23.26	23.34	23.42	20.12	33.00	Pass
30KHz	40MHz	HCH	DFT-16QAM	22.30	22.46	22.43	19.16	33.00	Pass
30KHz	40MHz	HCH	DFT-64QAM	20.58	20.68	20.85	17.55	33.00	Pass
30KHz	40MHz	HCH	DFT-256QAM	18.81	18.91	18.90	15.61	33.00	Pass
30KHz	40MHz	HCH	CP-QPSK	21.89	21.92	21.91	18.62	33.00	Pass

## 2. Peak-to-Average Ratio

### 2.1. Test Results

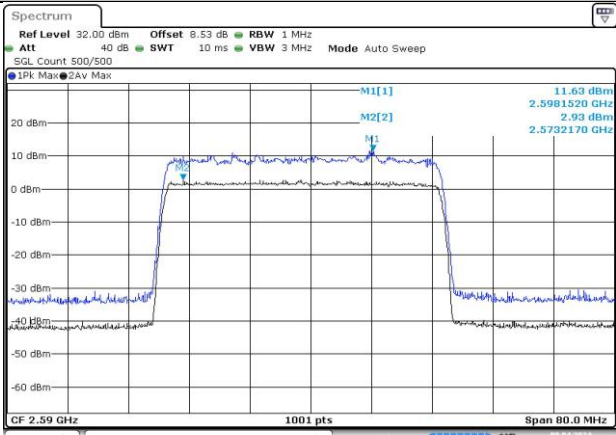
Channel	Modulation	Result (dB)				Limit (dB)	Verdict
		15KHz / 40MHz		30KHz / 40MHz			
		DFT-Pi2BPSK	DFT-QPSK	DFT-Pi2BPSK	DFT-QPSK		
LCH	Outer_Full	7.96	8.15	8.71	6.00	13.00	Pass
MCH	Outer_Full	7.77	7.87	8.54	8.30	13.00	Pass
HCH	Outer_Full	7.81	7.73	8.69	8.43	13.00	Pass

### 2.2. Test Plots

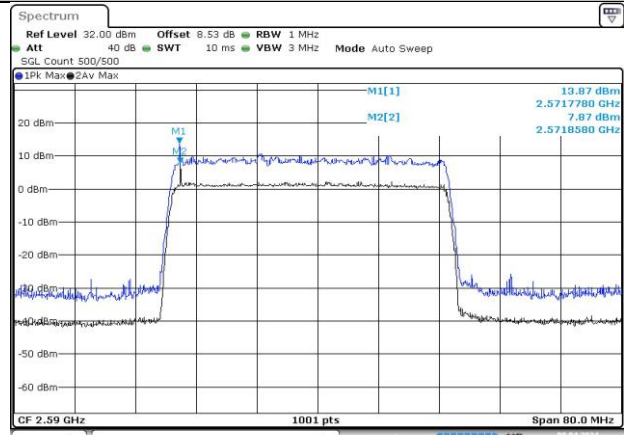


DC\_4A\_n38A / 30KHz / 40MHz

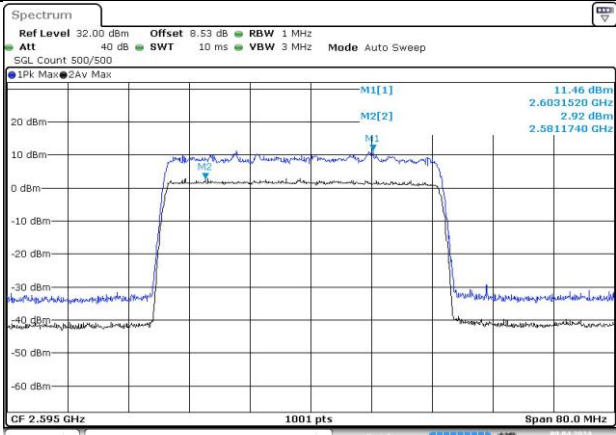
LCH\_DFT-Pi2BPSK / Outer\_Full



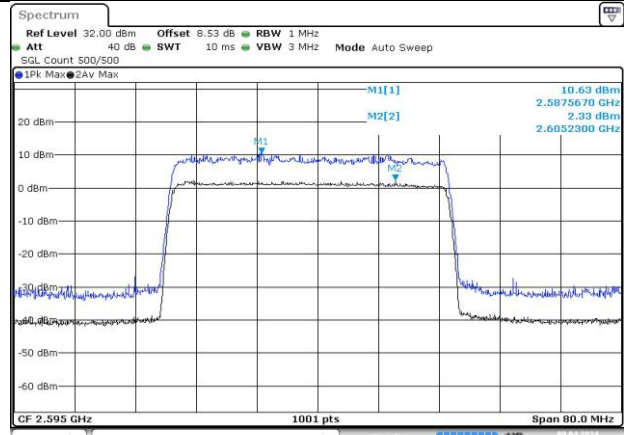
LCH\_DFT-QPSK / Outer\_Full



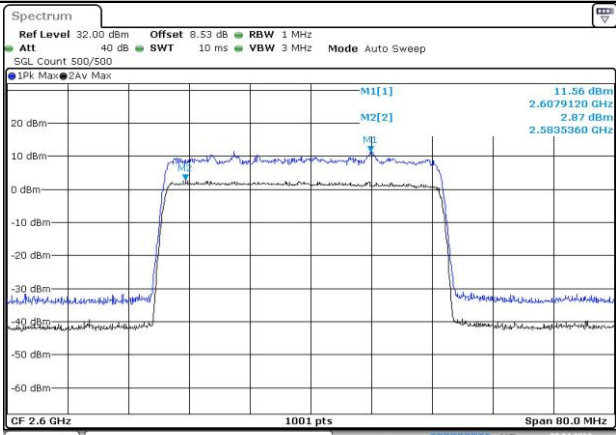
MCH\_DFT-Pi2BPSK / Outer\_Full



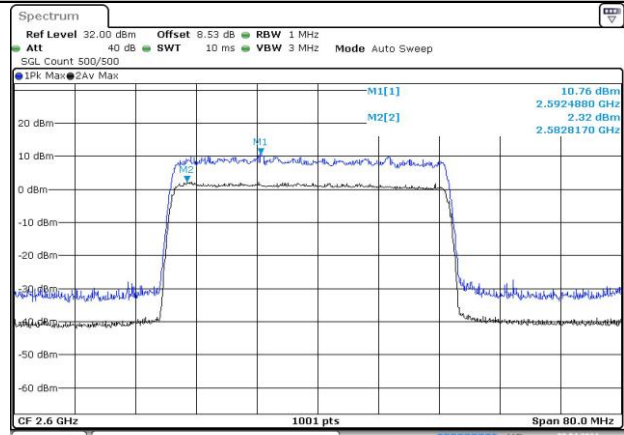
MCH\_DFT-QPSK / Outer\_Full



HCH\_DFT-Pi2BPSK / Outer\_Full



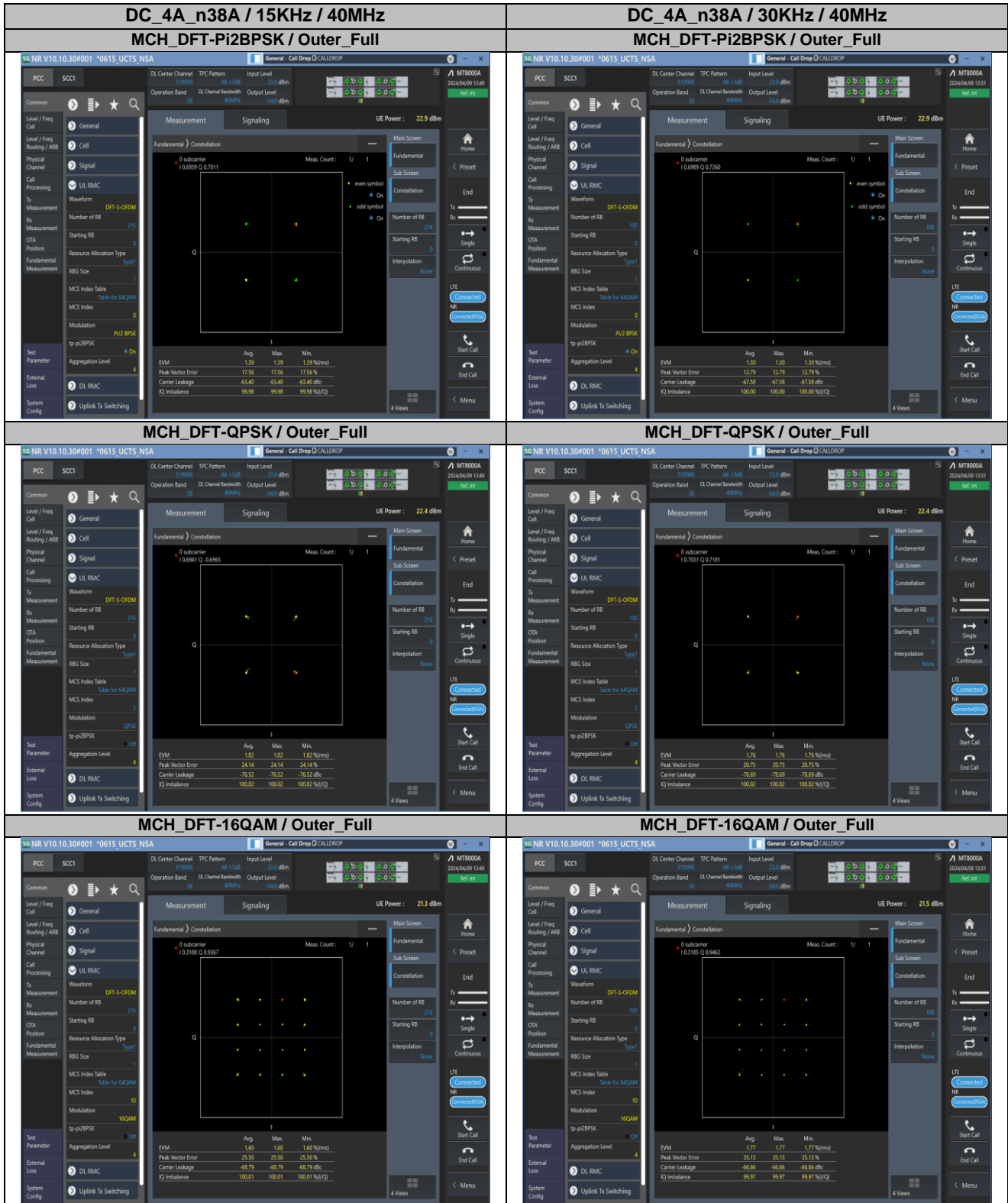
HCH\_DFT-QPSK / Outer\_Full

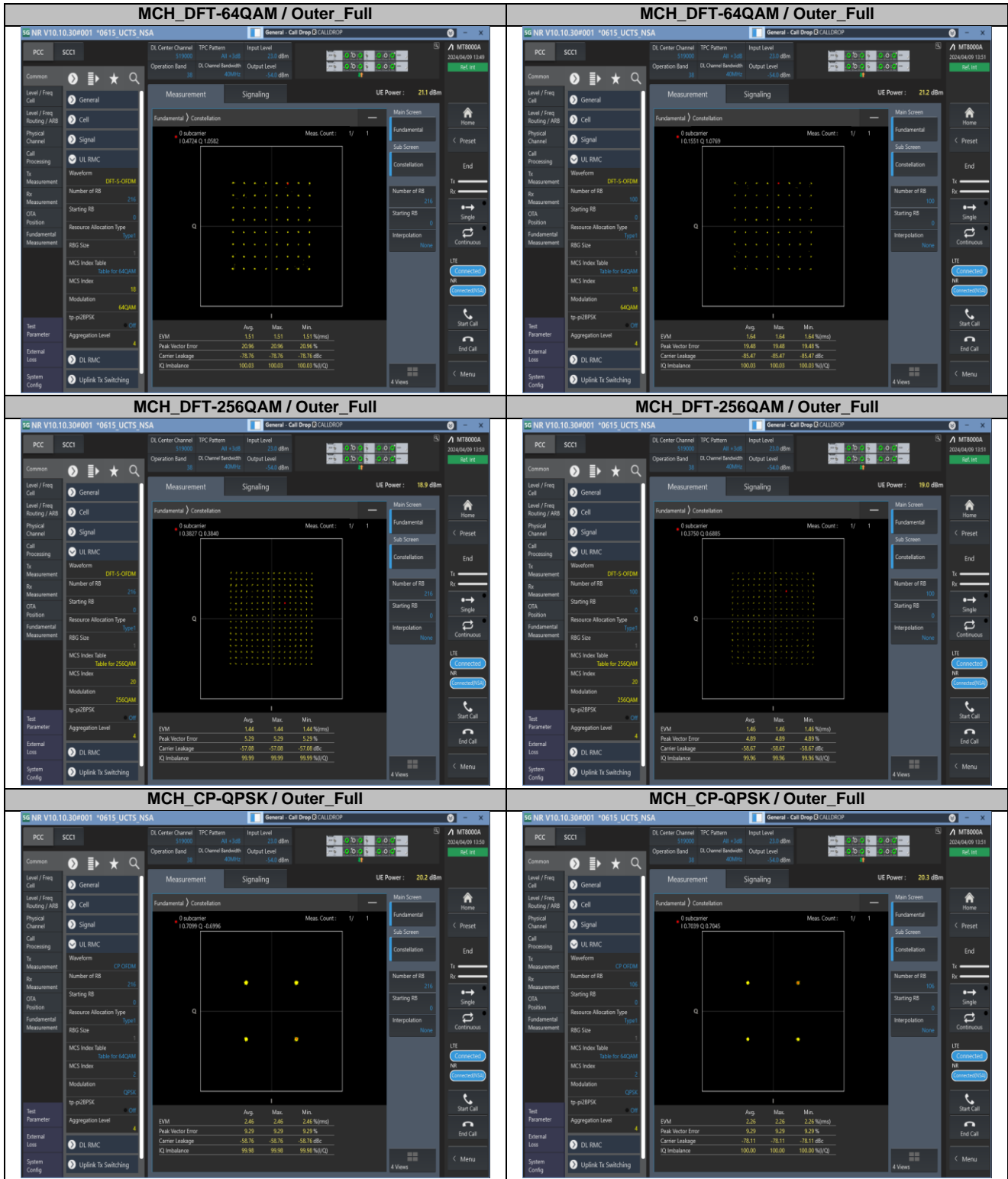


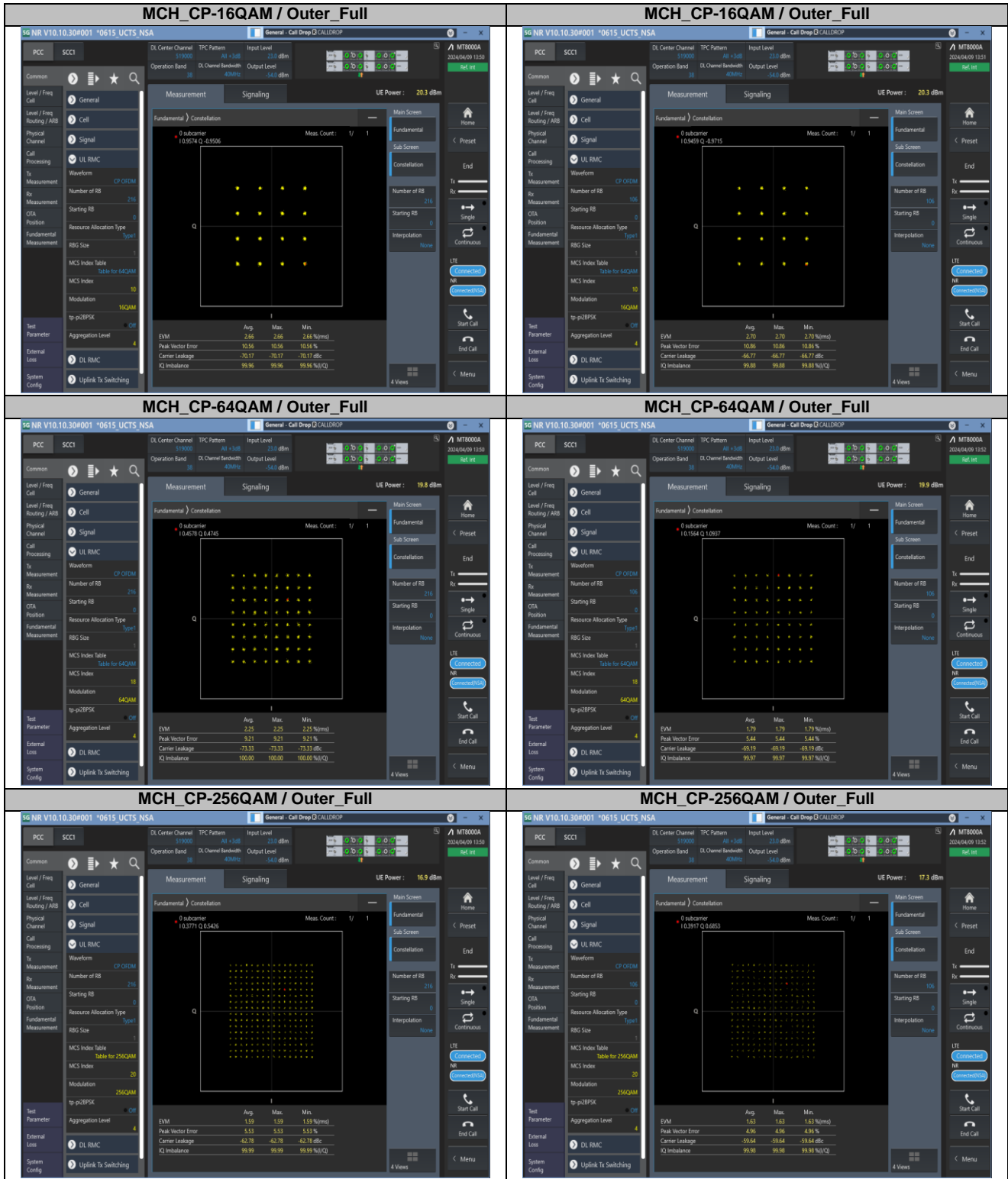


### 3. Modulation Characteristics

#### 3.1. Test Plots





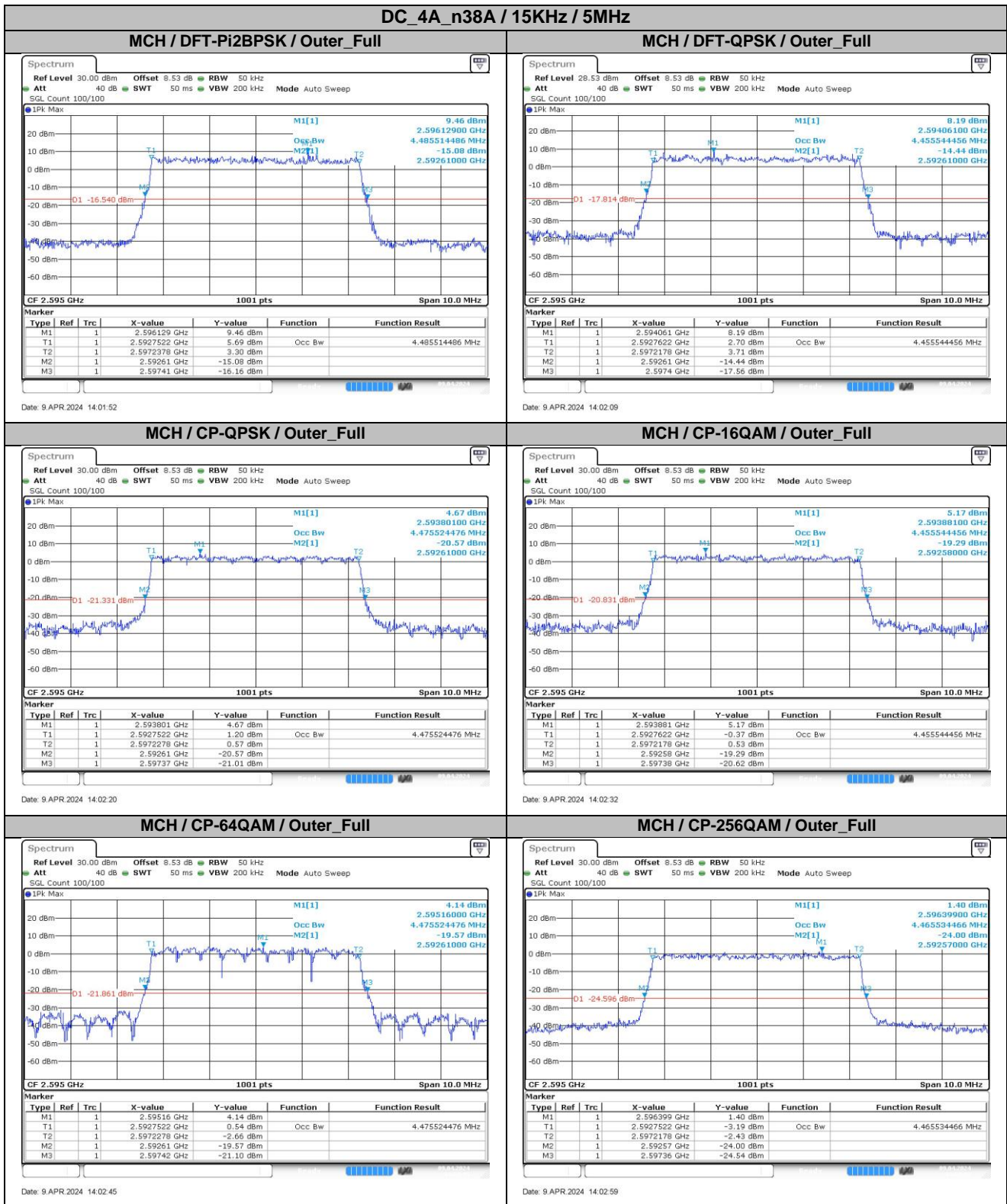


### 4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

#### 4.1. Test Results

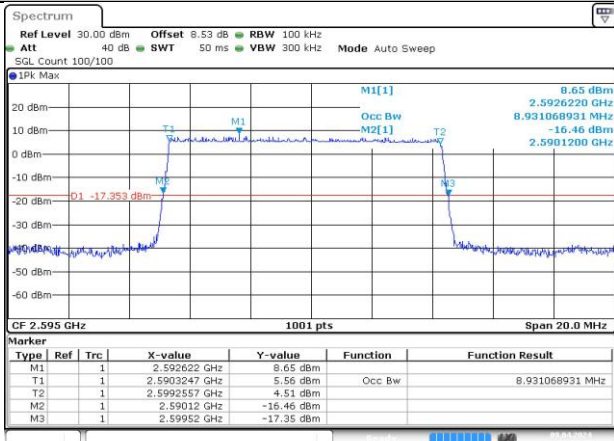
Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)		26dB Emission Bandwidth (MHz)		Verdict
			15KHz	30KHz	15KHz	30KHz	
5MHz	DFT-Pi2BPSK	Outer_Full	4.49	N/A	4.80	N/A	Pass
5MHz	DFT-QPSK	Outer_Full	4.46	N/A	4.79	N/A	Pass
5MHz	CP-QPSK	Outer_Full	4.48	N/A	4.76	N/A	Pass
5MHz	CP-16QAM	Outer_Full	4.46	N/A	4.80	N/A	Pass
5MHz	CP-64QAM	Outer_Full	4.48	N/A	4.81	N/A	Pass
5MHz	CP-256QAM	Outer_Full	4.47	N/A	4.79	N/A	Pass
10MHz	DFT-Pi2BPSK	Outer_Full	8.93	8.57	9.40	9.24	Pass
10MHz	DFT-QPSK	Outer_Full	8.91	8.57	9.38	9.10	Pass
10MHz	CP-QPSK	Outer_Full	9.25	8.55	9.72	9.30	Pass
10MHz	CP-16QAM	Outer_Full	9.27	8.55	9.74	9.28	Pass
10MHz	CP-64QAM	Outer_Full	9.29	8.57	9.72	9.24	Pass
10MHz	CP-256QAM	Outer_Full	9.27	8.59	9.74	9.28	Pass
15MHz	DFT-Pi2BPSK	Outer_Full	13.40	12.89	14.04	13.77	Pass
15MHz	DFT-QPSK	Outer_Full	13.40	12.86	14.04	13.65	Pass
15MHz	CP-QPSK	Outer_Full	14.09	13.58	14.85	14.58	Pass
15MHz	CP-16QAM	Outer_Full	14.12	13.55	14.76	14.40	Pass
15MHz	CP-64QAM	Outer_Full	14.12	13.67	14.82	14.55	Pass
15MHz	CP-256QAM	Outer_Full	14.09	13.58	14.79	14.49	Pass
20MHz	DFT-Pi2BPSK	Outer_Full	17.86	17.86	18.64	18.72	Pass
20MHz	DFT-QPSK	Outer_Full	17.82	17.86	18.60	18.92	Pass
20MHz	CP-QPSK	Outer_Full	18.90	18.18	19.72	19.12	Pass
20MHz	CP-16QAM	Outer_Full	18.90	18.22	19.76	19.20	Pass
20MHz	CP-64QAM	Outer_Full	18.90	18.18	19.64	19.16	Pass
20MHz	CP-256QAM	Outer_Full	18.90	18.34	19.72	19.00	Pass
25MHz	DFT-Pi2BPSK	Outer_Full	22.88	22.88	23.75	24.05	Pass
25MHz	DFT-QPSK	Outer_Full	22.83	22.78	23.85	24.00	Pass
25MHz	CP-QPSK	Outer_Full	23.73	23.13	24.80	24.35	Pass
25MHz	CP-16QAM	Outer_Full	23.78	23.23	24.75	24.40	Pass
25MHz	CP-64QAM	Outer_Full	23.73	23.23	24.65	24.35	Pass
25MHz	CP-256QAM	Outer_Full	23.68	23.18	24.70	24.45	Pass
30MHz	DFT-Pi2BPSK	Outer_Full	28.47	26.79	29.64	28.20	Pass
30MHz	DFT-QPSK	Outer_Full	28.53	26.79	29.70	28.26	Pass
30MHz	CP-QPSK	Outer_Full	28.53	27.75	29.76	29.40	Pass
30MHz	CP-16QAM	Outer_Full	28.47	27.81	29.82	29.28	Pass
30MHz	CP-64QAM	Outer_Full	28.53	27.75	29.64	29.28	Pass
30MHz	CP-256QAM	Outer_Full	28.47	27.87	29.70	29.40	Pass
40MHz	DFT-Pi2BPSK	Outer_Full	38.44	35.80	40.16	37.52	Pass
40MHz	DFT-QPSK	Outer_Full	38.44	35.64	40.16	37.60	Pass
40MHz	CP-QPSK	Outer_Full	38.44	37.80	40.00	39.68	Pass
40MHz	CP-16QAM	Outer_Full	38.52	37.80	40.08	39.76	Pass
40MHz	CP-64QAM	Outer_Full	38.44	37.80	40.00	39.52	Pass
40MHz	CP-256QAM	Outer_Full	38.52	37.80	40.16	39.76	Pass

4.2. Test Plots



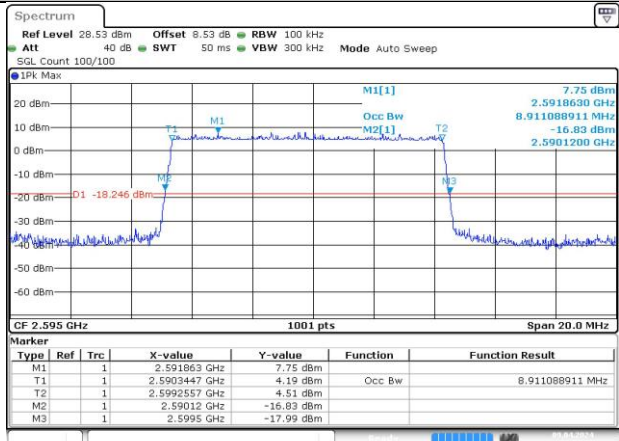
DC\_4A\_n38A / 15KHz / 10MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



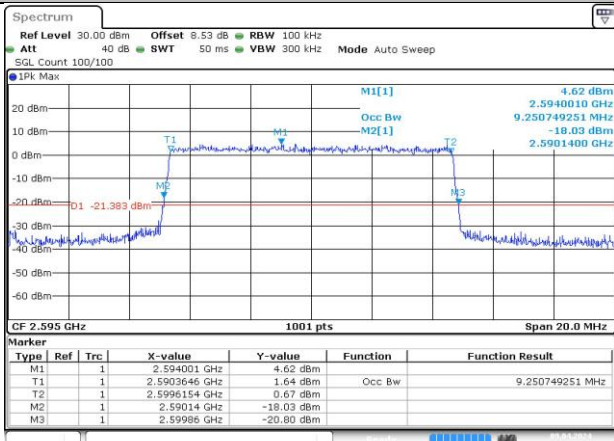
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MCH\_DFT-QPSK / Outer\_Full



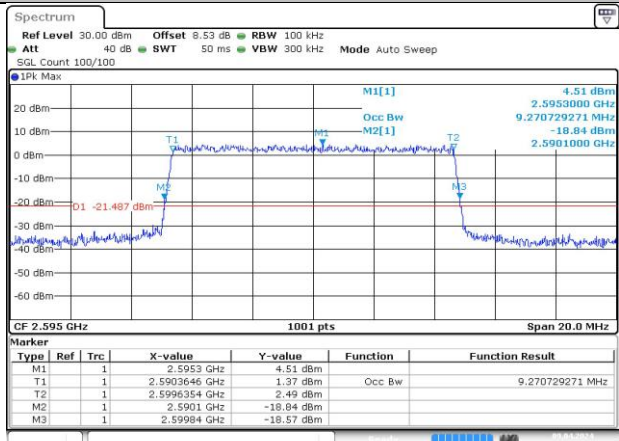
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MCH\_CP-QPSK / Outer\_Full



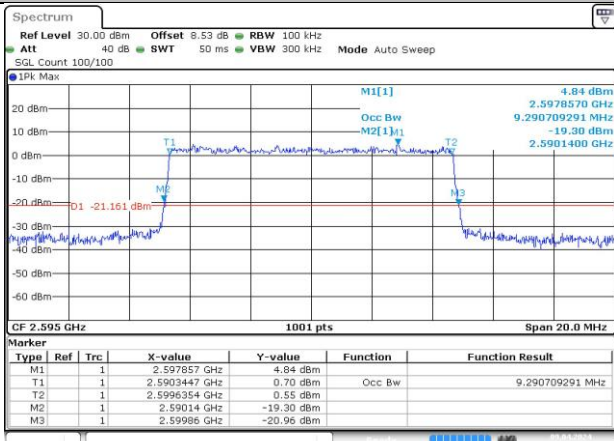
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MCH\_CP-16QAM / Outer\_Full



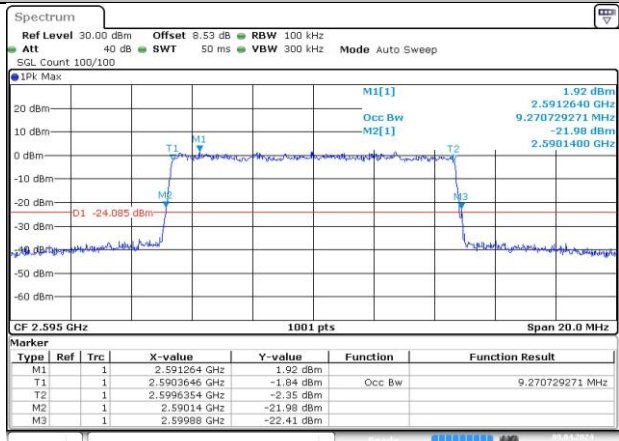
Date: 9 APR 2024 14:03:57

MCH\_CP-64QAM / Outer\_Full



Date: 9 APR 2024 14:04:09

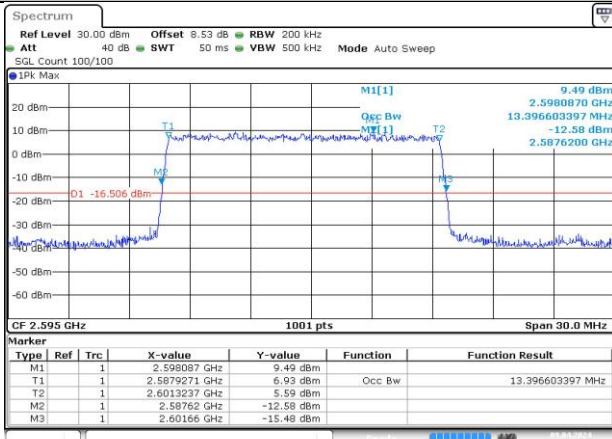
MCH\_CP-256QAM / Outer\_Full



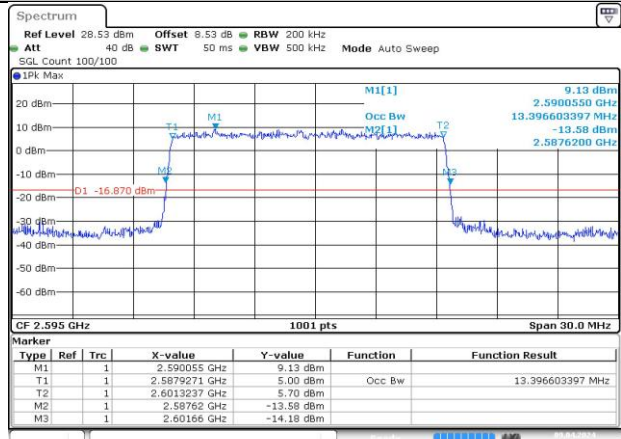
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DC\_4A\_n38A / 15KHz / 15MHz

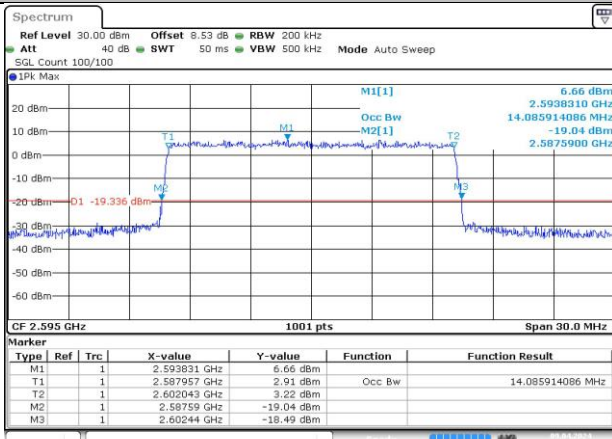
MCH\_DFT-Pi2BPSK / Outer\_Full



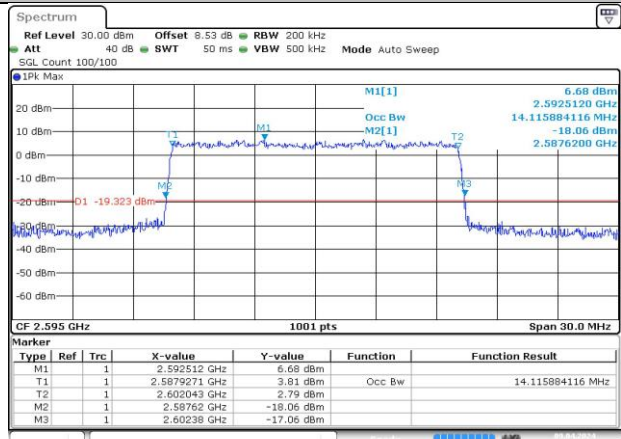
MCH\_DFT-QPSK / Outer\_Full



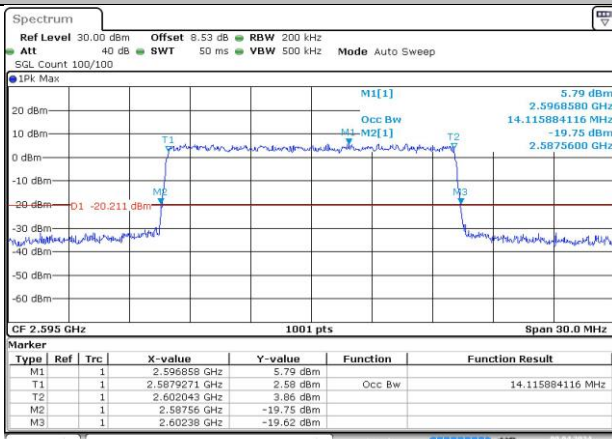
MCH\_CP-QPSK / Outer\_Full



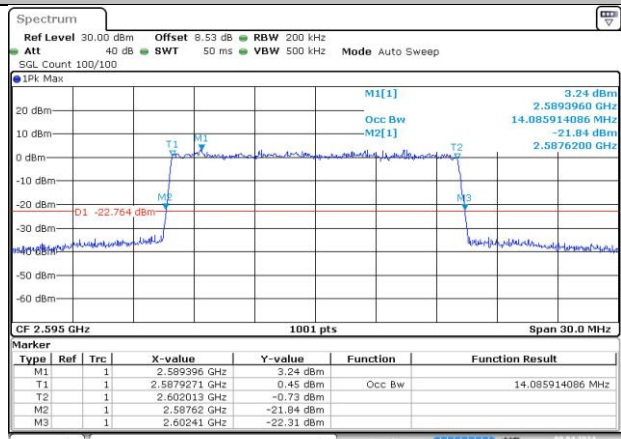
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MCH\_CP-64QAM / Outer\_Full

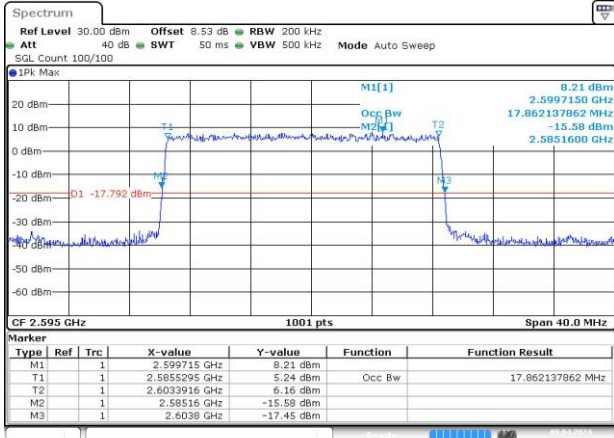


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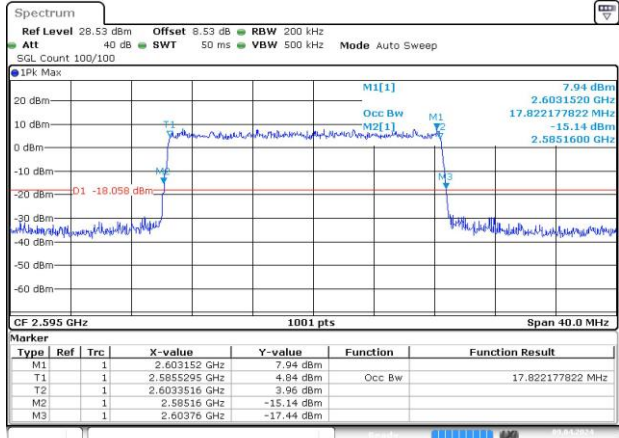
DC\_4A\_n38A / 15KHz / 20MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



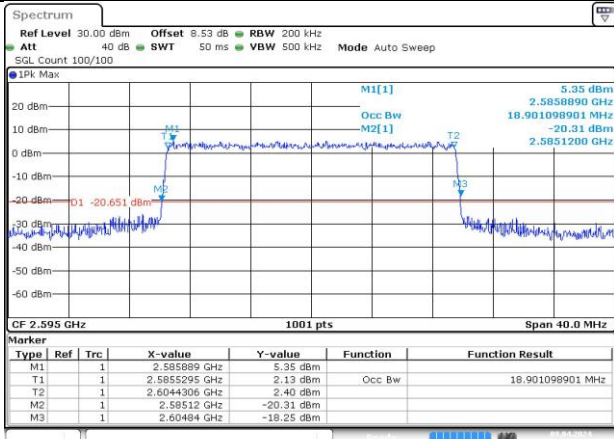
Date: 9 APR 2024 14:06:07

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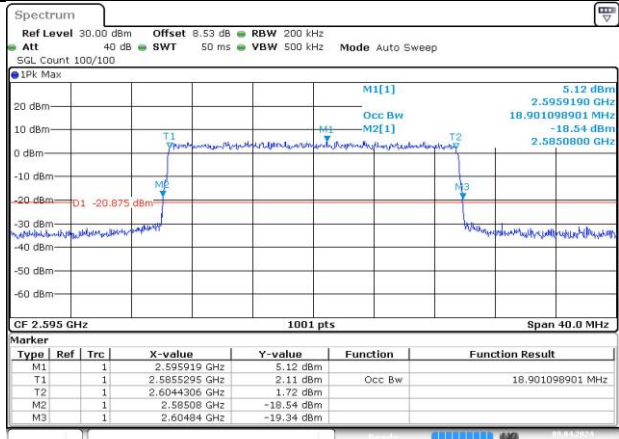
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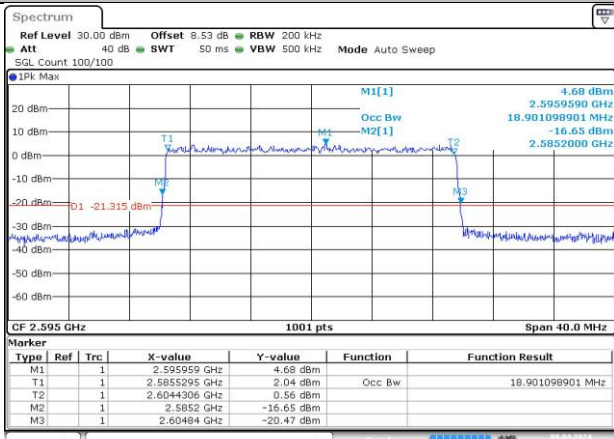
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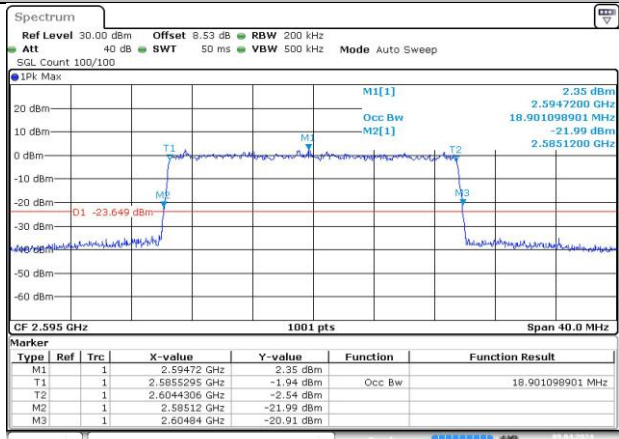
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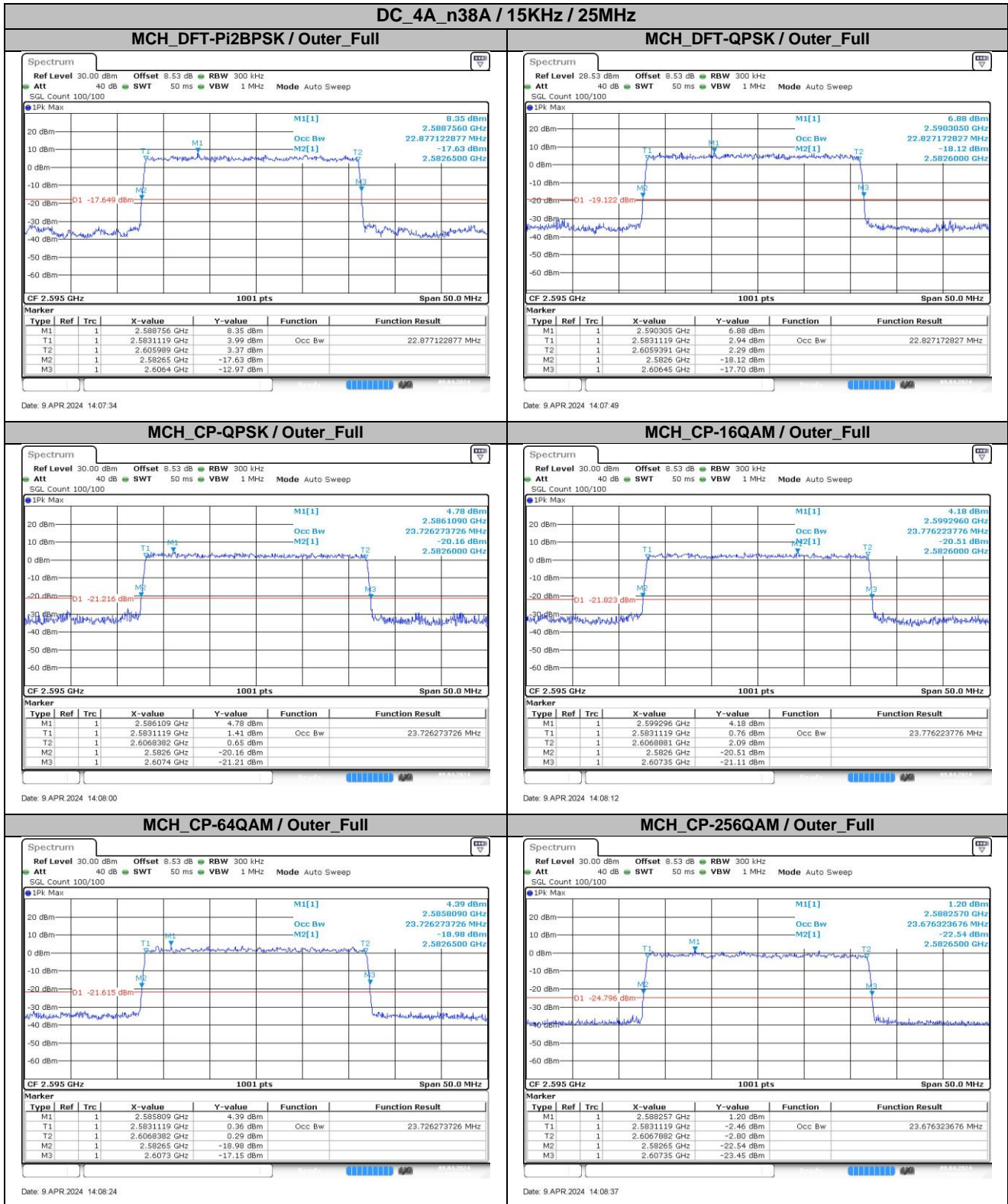
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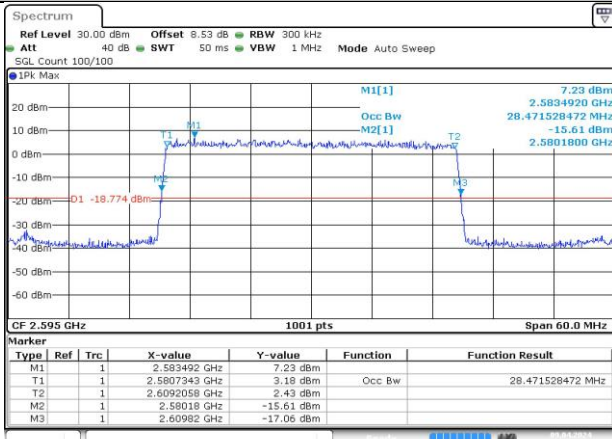
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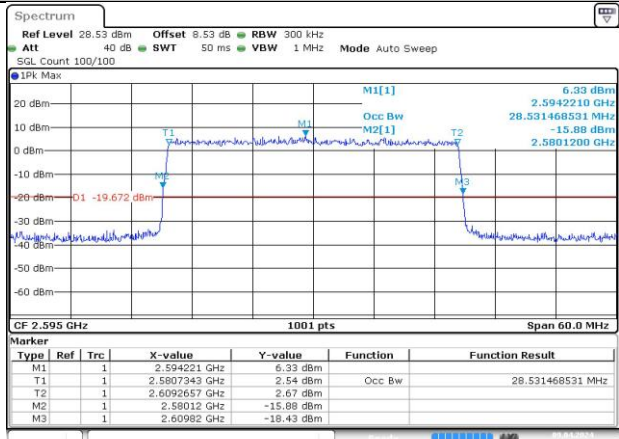
DC\_4A\_n38A / 15KHz / 30MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



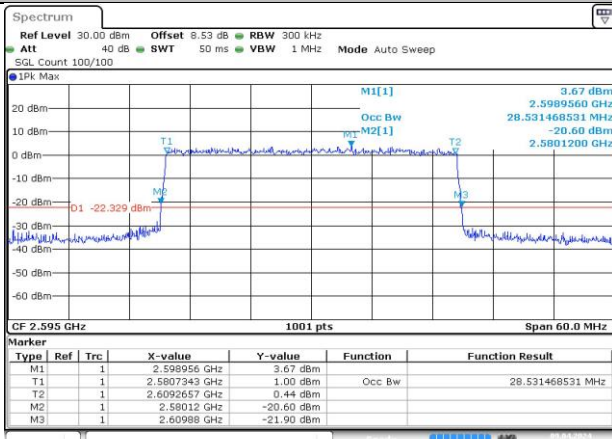
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MCH\_DFT-QPSK / Outer\_Full



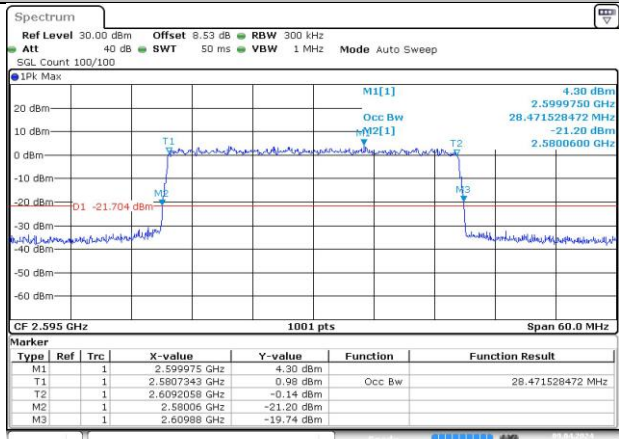
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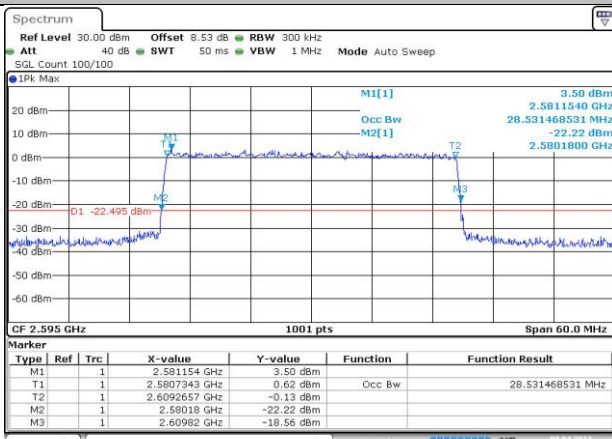
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MCH\_CP-16QAM / Outer\_Full



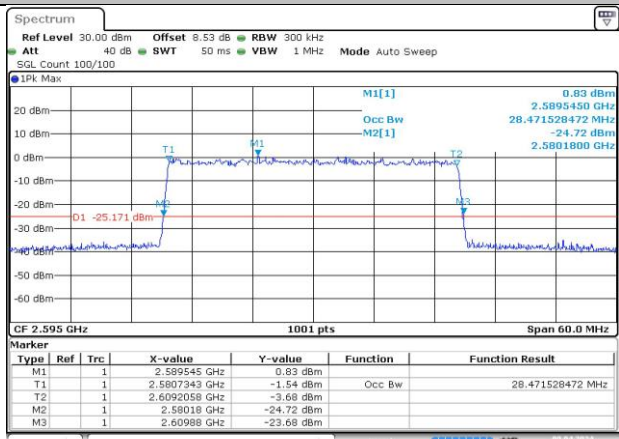
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MCH\_CP-64QAM / Outer\_Full



Date: 9 APR 2024 14:09:48

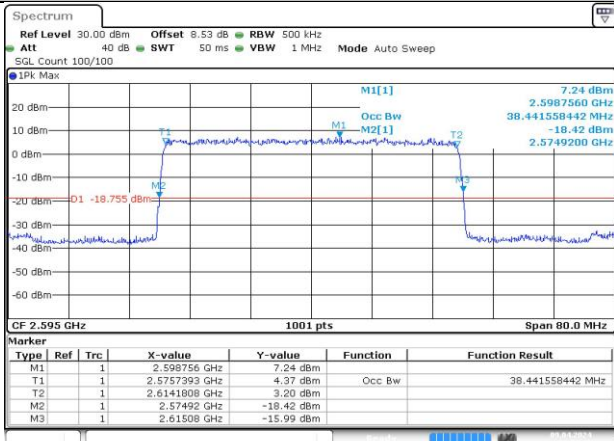
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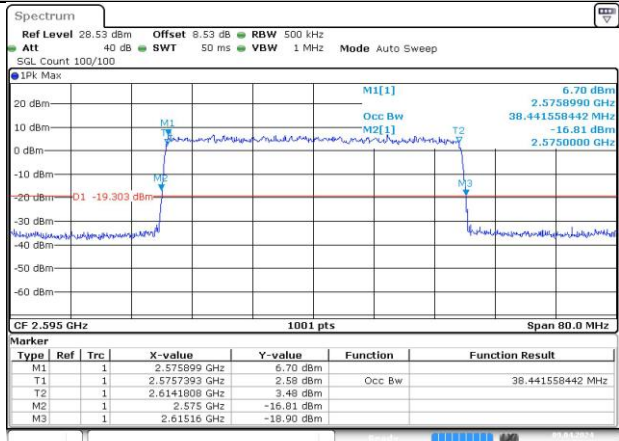
DC\_4A\_n38A / 15KHz / 40MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



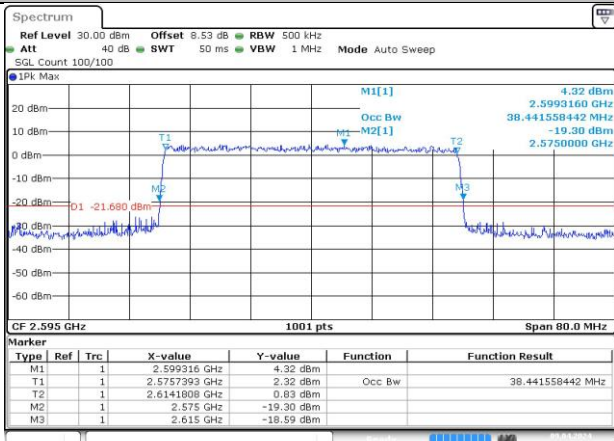
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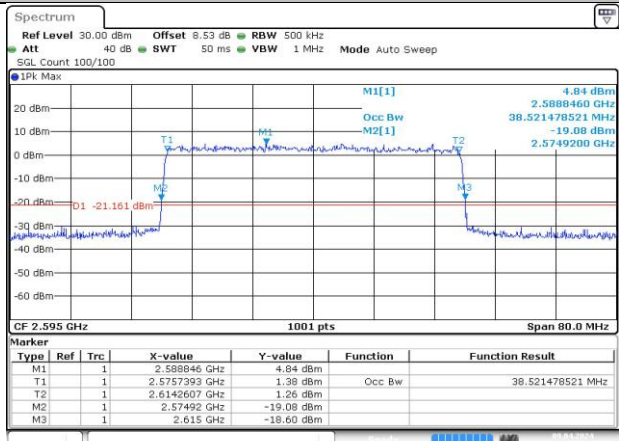
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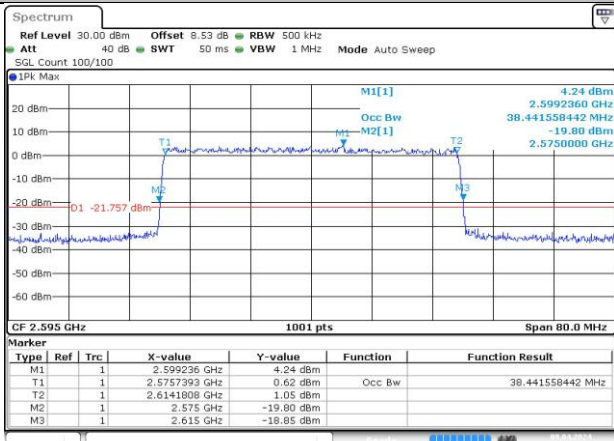
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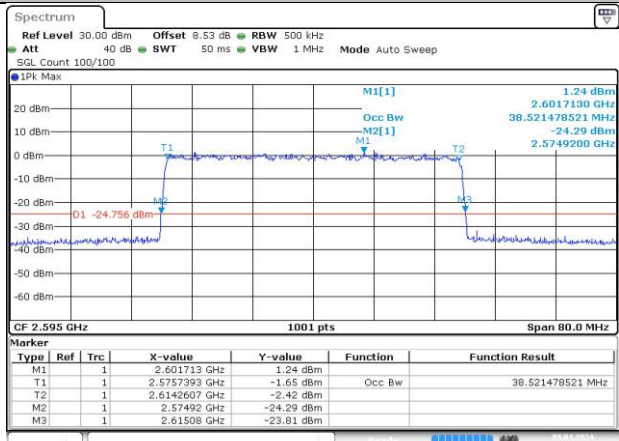
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MCH\_CP-64QAM / Outer\_Full



Date: 9 APR 2024 14:11:21

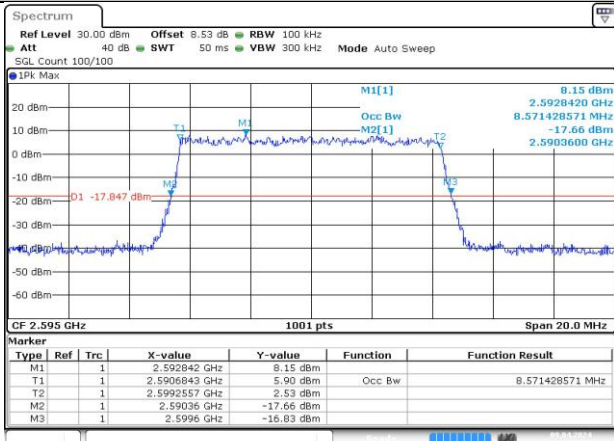
MCH\_CP-256QAM / Outer\_Full



Date: 9 APR 2024 14:11:34

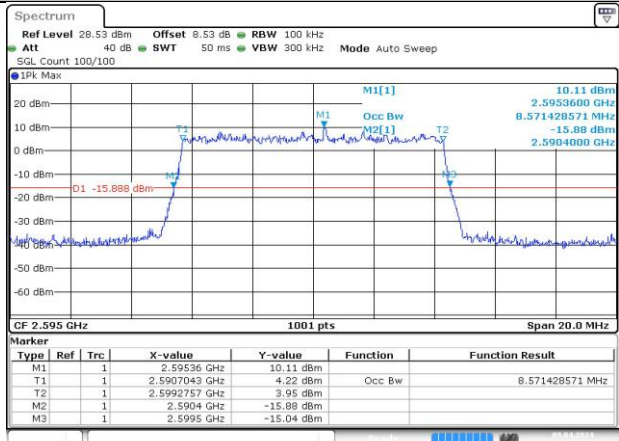
DC\_4A\_n38A / 30KHz / 10MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



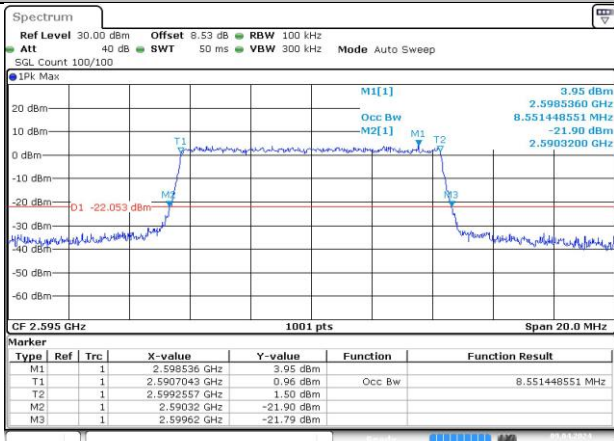
Date: 9 APR 2024 14:11:59

MCH\_DFT-QPSK / Outer\_Full



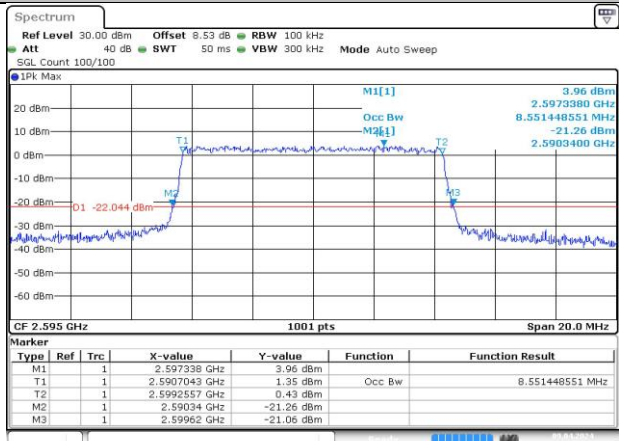
Date: 9 APR 2024 14:12:15

MCH\_CP-QPSK / Outer\_Full



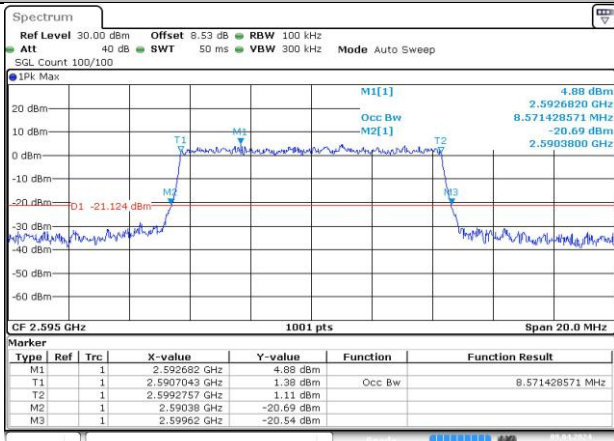
Date: 9 APR 2024 14:12:28

MCH\_CP-16QAM / Outer\_Full



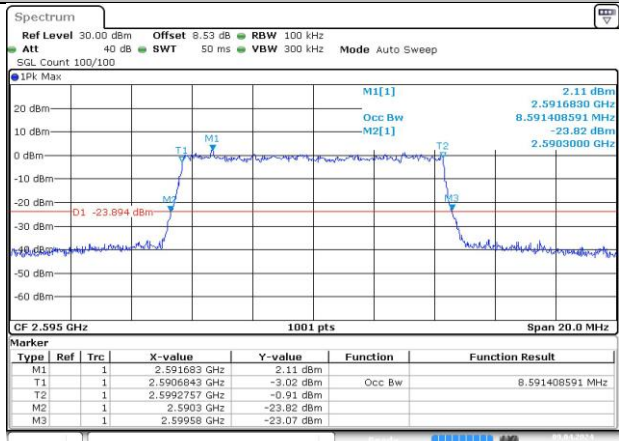
Date: 9 APR 2024 14:12:41

MCH\_CP-64QAM / Outer\_Full



Date: 9 APR 2024 14:12:54

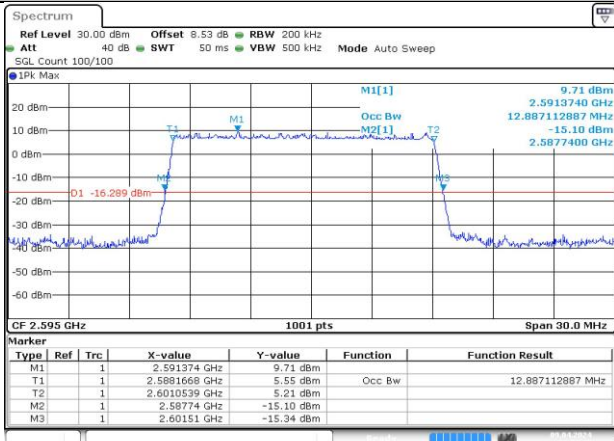
MCH\_CP-256QAM / Outer\_Full



Date: 9 APR 2024 14:13:07

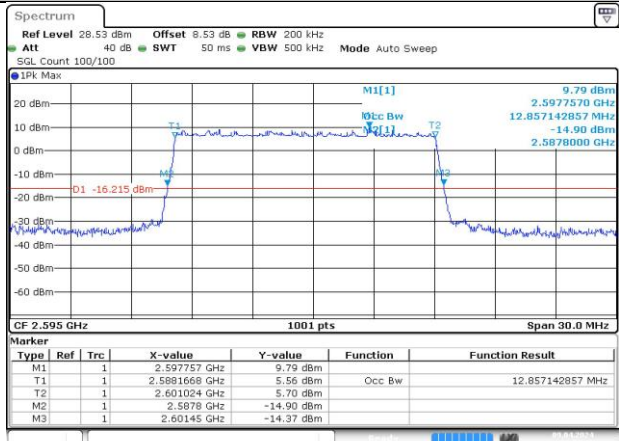
DC\_4A\_n38A / 30KHz / 15MHz

MCH\_DFT-Pi2BPSK / Outer\_Full



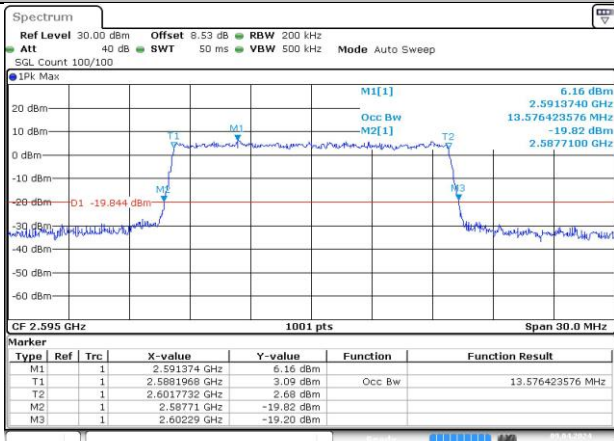
Date: 9 APR 2024 14:13:24

MCH\_DFT-QPSK / Outer\_Full



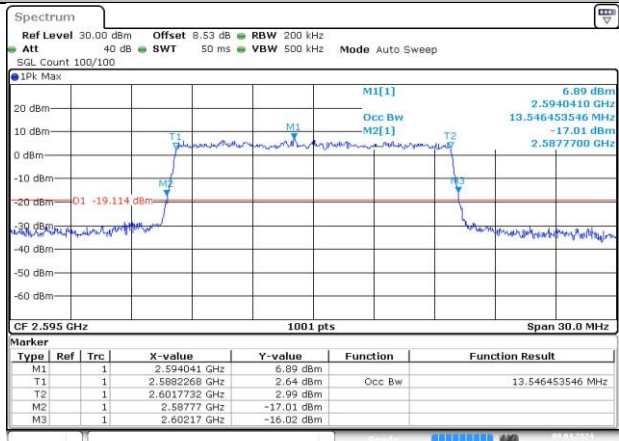
Date: 9 APR 2024 14:13:41

MCH\_CP-QPSK / Outer\_Full



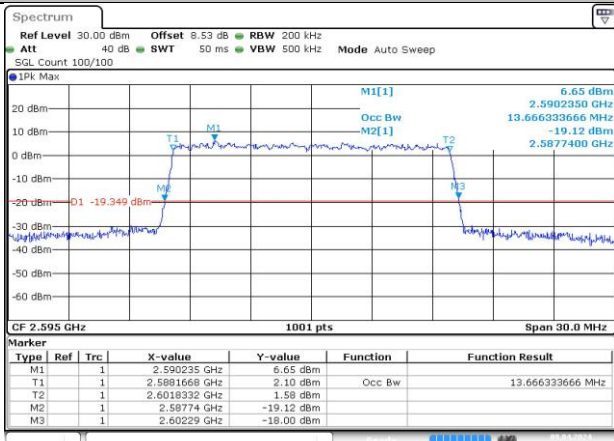
Date: 9 APR 2024 14:13:53

MCH\_CP-16QAM / Outer\_Full



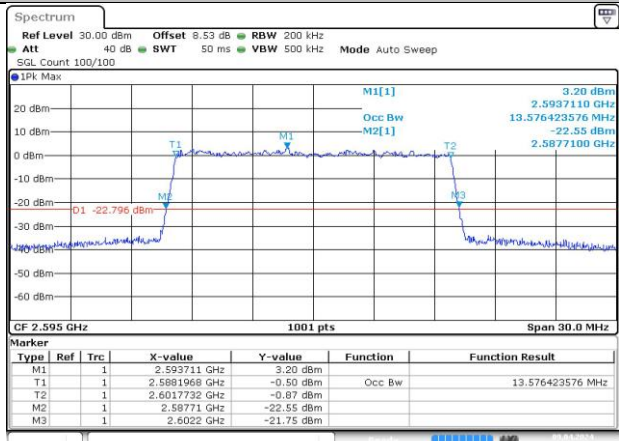
Date: 9 APR 2024 14:14:06

MCH\_CP-64QAM / Outer\_Full



Date: 9 APR 2024 14:14:19

MCH\_CP-256QAM / Outer\_Full



Date: 9 APR 2024 14:14:33