

Appendix for DC_41A_n78A (3450-3550)

Catalogue

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant5 (Antenna Gain=-1.15dBi)

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	23.01	23.04	22.92	21.89	30.00	Pass
30KHz	10MHz	LCH	DFT-QPSK	22.84	23.03	23.08	21.93	30.00	Pass
30KHz	10MHz	LCH	DFT-16QAM	21.95	22.01	21.87	20.86	30.00	Pass
30KHz	10MHz	LCH	DFT-64QAM	20.43	20.42	20.63	19.48	30.00	Pass
30KHz	10MHz	LCH	DFT-256QAM	18.40	18.46	18.60	17.45	30.00	Pass
30KHz	10MHz	LCH	CP-QPSK	21.55	21.54	21.54	20.40	30.00	Pass
30KHz	10MHz	MCH	DFT-Pi2BPSK	23.04	22.93	23.16	22.01	30.00	Pass
30KHz	10MHz	MCH	DFT-QPSK	23.06	22.96	23.13	21.98	30.00	Pass
30KHz	10MHz	MCH	DFT-16QAM	22.18	22.07	22.03	21.03	30.00	Pass
30KHz	10MHz	MCH	DFT-64QAM	20.68	20.51	20.70	19.55	30.00	Pass
30KHz	10MHz	MCH	DFT-256QAM	18.57	18.54	18.63	17.48	30.00	Pass
30KHz	10MHz	MCH	CP-QPSK	21.68	21.66	21.63	20.53	30.00	Pass
30KHz	10MHz	HCH	DFT-Pi2BPSK	23.24	23.12	23.07	22.09	30.00	Pass
30KHz	10MHz	HCH	DFT-QPSK	23.07	23.06	23.07	21.92	30.00	Pass
30KHz	10MHz	HCH	DFT-16QAM	22.31	22.26	22.07	21.16	30.00	Pass
30KHz	10MHz	HCH	DFT-64QAM	20.81	20.64	20.56	19.66	30.00	Pass
30KHz	10MHz	HCH	DFT-256QAM	18.73	18.54	18.56	17.58	30.00	Pass
30KHz	10MHz	HCH	CP-QPSK	21.71	21.63	21.77	20.62	30.00	Pass
30KHz	15MHz	LCH	DFT-Pi2BPSK	23.24	23.14	23.19	22.09	30.00	Pass
30KHz	15MHz	LCH	DFT-QPSK	23.15	23.10	23.22	22.07	30.00	Pass
30KHz	15MHz	LCH	DFT-16QAM	22.19	22.01	22.27	21.12	30.00	Pass
30KHz	15MHz	LCH	DFT-64QAM	20.67	20.65	20.61	19.52	30.00	Pass
30KHz	15MHz	LCH	DFT-256QAM	18.57	18.72	18.72	17.57	30.00	Pass
30KHz	15MHz	LCH	CP-QPSK	21.76	21.67	21.75	20.61	30.00	Pass
30KHz	15MHz	MCH	DFT-Pi2BPSK	23.28	23.26	23.27	22.13	30.00	Pass
30KHz	15MHz	MCH	DFT-QPSK	23.21	23.16	23.19	22.06	30.00	Pass
30KHz	15MHz	MCH	DFT-16QAM	22.18	22.04	22.26	21.11	30.00	Pass
30KHz	15MHz	MCH	DFT-64QAM	21.00	20.85	20.78	19.85	30.00	Pass
30KHz	15MHz	MCH	DFT-256QAM	18.78	18.83	18.77	17.68	30.00	Pass
30KHz	15MHz	MCH	CP-QPSK	21.84	21.72	21.76	20.69	30.00	Pass
30KHz	15MHz	HCH	DFT-Pi2BPSK	23.43	23.22	23.43	22.28	30.00	Pass
30KHz	15MHz	HCH	DFT-QPSK	23.46	23.20	23.26	22.31	30.00	Pass
30KHz	15MHz	HCH	DFT-16QAM	22.37	22.26	22.30	21.22	30.00	Pass
30KHz	15MHz	HCH	DFT-64QAM	20.97	20.78	20.84	19.82	30.00	Pass
30KHz	15MHz	HCH	DFT-256QAM	19.05	18.69	18.85	17.90	30.00	Pass
30KHz	15MHz	HCH	CP-QPSK	22.00	21.70	21.78	20.85	30.00	Pass
30KHz	20MHz	LCH	DFT-Pi2BPSK	23.11	23.32	23.20	22.17	30.00	Pass
30KHz	20MHz	LCH	DFT-QPSK	23.28	23.30	23.24	22.15	30.00	Pass
30KHz	20MHz	LCH	DFT-16QAM	22.36	22.35	22.29	21.21	30.00	Pass
30KHz	20MHz	LCH	DFT-64QAM	20.94	20.83	20.76	19.79	30.00	Pass
30KHz	20MHz	LCH	DFT-256QAM	18.85	18.69	18.75	17.70	30.00	Pass
30KHz	20MHz	LCH	CP-QPSK	21.83	21.77	21.79	20.68	30.00	Pass
30KHz	20MHz	MCH	DFT-Pi2BPSK	23.38	23.20	23.29	22.23	30.00	Pass
30KHz	20MHz	MCH	DFT-QPSK	23.36	23.20	23.25	22.21	30.00	Pass
30KHz	20MHz	MCH	DFT-16QAM	22.47	22.30	22.36	21.32	30.00	Pass
30KHz	20MHz	MCH	DFT-64QAM	21.00	20.93	20.76	19.85	30.00	Pass
30KHz	20MHz	MCH	DFT-256QAM	19.00	18.68	18.67	17.85	30.00	Pass
30KHz	20MHz	MCH	CP-QPSK	21.87	21.74	21.79	20.72	30.00	Pass
30KHz	20MHz	HCH	DFT-Pi2BPSK	23.54	23.16	23.45	22.39	30.00	Pass
30KHz	20MHz	HCH	DFT-QPSK	23.52	23.21	23.30	22.37	30.00	Pass
30KHz	20MHz	HCH	DFT-16QAM	22.64	22.31	22.34	21.49	30.00	Pass
30KHz	20MHz	HCH	DFT-64QAM	21.16	20.73	20.89	20.01	30.00	Pass
30KHz	20MHz	HCH	DFT-256QAM	19.14	18.79	18.73	17.99	30.00	Pass
30KHz	20MHz	HCH	CP-QPSK	22.12	21.69	21.89	20.97	30.00	Pass
30KHz	30MHz	LCH	DFT-Pi2BPSK	23.23	23.42	23.30	22.27	30.00	Pass
30KHz	30MHz	LCH	DFT-QPSK	23.12	23.39	23.34	22.24	30.00	Pass
30KHz	30MHz	LCH	DFT-16QAM	22.19	22.34	22.19	21.19	30.00	Pass
30KHz	30MHz	LCH	DFT-64QAM	20.70	20.85	20.77	19.70	30.00	Pass

30KHz	30MHz	LCH	DFT-256QAM	18.80	18.86	18.75	17.71	30.00	Pass
30KHz	30MHz	LCH	CP-QPSK	21.77	21.93	21.65	20.78	30.00	Pass
30KHz	30MHz	MCH	DFT-Pi2BPSK	23.44	23.32	23.29	22.29	30.00	Pass
30KHz	30MHz	MCH	DFT-QPSK	23.49	23.40	23.30	22.34	30.00	Pass
30KHz	30MHz	MCH	DFT-16QAM	22.48	22.36	22.21	21.33	30.00	Pass
30KHz	30MHz	MCH	DFT-64QAM	20.94	20.73	20.76	19.79	30.00	Pass
30KHz	30MHz	MCH	DFT-256QAM	18.99	18.86	18.88	17.84	30.00	Pass
30KHz	30MHz	MCH	CP-QPSK	22.03	21.89	21.73	20.88	30.00	Pass
30KHz	30MHz	HCH	DFT-Pi2BPSK	23.63	23.10	23.53	22.48	30.00	Pass
30KHz	30MHz	HCH	DFT-QPSK	23.66	23.16	23.47	22.51	30.00	Pass
30KHz	30MHz	HCH	DFT-16QAM	22.53	22.22	22.54	21.39	30.00	Pass
30KHz	30MHz	HCH	DFT-64QAM	21.05	20.71	21.00	19.90	30.00	Pass
30KHz	30MHz	HCH	DFT-256QAM	19.08	18.79	19.02	17.93	30.00	Pass
30KHz	30MHz	HCH	CP-QPSK	22.18	21.72	22.01	21.03	30.00	Pass
30KHz	40MHz	LCH	DFT-Pi2BPSK	23.28	23.36	23.36	22.21	30.00	Pass
30KHz	40MHz	LCH	DFT-QPSK	23.29	23.38	23.20	22.23	30.00	Pass
30KHz	40MHz	LCH	DFT-16QAM	22.24	22.31	22.29	21.16	30.00	Pass
30KHz	40MHz	LCH	DFT-64QAM	20.93	21.00	20.72	19.85	30.00	Pass
30KHz	40MHz	LCH	DFT-256QAM	18.83	18.96	18.70	17.81	30.00	Pass
30KHz	40MHz	LCH	CP-QPSK	21.87	21.82	21.85	20.72	30.00	Pass
30KHz	40MHz	MCH	DFT-Pi2BPSK	23.52	23.50	23.33	22.37	30.00	Pass
30KHz	40MHz	MCH	DFT-QPSK	23.57	23.47	23.32	22.42	30.00	Pass
30KHz	40MHz	MCH	DFT-16QAM	22.57	22.51	22.22	21.42	30.00	Pass
30KHz	40MHz	MCH	DFT-64QAM	21.11	20.97	20.77	19.96	30.00	Pass
30KHz	40MHz	MCH	DFT-256QAM	19.16	19.04	18.81	18.01	30.00	Pass
30KHz	40MHz	MCH	CP-QPSK	22.12	22.02	21.86	20.97	30.00	Pass
30KHz	40MHz	HCH	DFT-Pi2BPSK	23.49	23.21	23.55	22.40	30.00	Pass
30KHz	40MHz	HCH	DFT-QPSK	23.49	23.20	23.56	22.41	30.00	Pass
30KHz	40MHz	HCH	DFT-16QAM	22.45	22.08	22.57	21.42	30.00	Pass
30KHz	40MHz	HCH	DFT-64QAM	20.94	20.76	21.10	19.95	30.00	Pass
30KHz	40MHz	HCH	DFT-256QAM	18.94	18.65	18.98	17.83	30.00	Pass
30KHz	40MHz	HCH	CP-QPSK	21.95	21.72	22.02	20.87	30.00	Pass
30KHz	50MHz	LCH	DFT-Pi2BPSK	22.93	23.01	23.12	21.97	30.00	Pass
30KHz	50MHz	LCH	DFT-QPSK	22.97	22.99	23.28	22.13	30.00	Pass
30KHz	50MHz	LCH	DFT-16QAM	22.03	21.99	22.26	21.11	30.00	Pass
30KHz	50MHz	LCH	DFT-64QAM	20.49	20.47	20.92	19.77	30.00	Pass
30KHz	50MHz	LCH	DFT-256QAM	18.49	18.52	18.88	17.73	30.00	Pass
30KHz	50MHz	LCH	CP-QPSK	21.61	21.44	21.78	20.63	30.00	Pass
30KHz	50MHz	MCH	DFT-Pi2BPSK	23.29	23.22	23.17	22.14	30.00	Pass
30KHz	50MHz	MCH	DFT-QPSK	23.39	23.21	23.20	22.24	30.00	Pass
30KHz	50MHz	MCH	DFT-16QAM	22.39	22.30	22.08	21.24	30.00	Pass
30KHz	50MHz	MCH	DFT-64QAM	20.86	20.74	20.71	19.71	30.00	Pass
30KHz	50MHz	MCH	DFT-256QAM	18.99	18.76	18.65	17.84	30.00	Pass
30KHz	50MHz	MCH	CP-QPSK	21.88	21.84	21.60	20.73	30.00	Pass
30KHz	50MHz	HCH	DFT-Pi2BPSK	23.12	22.94	23.34	22.19	30.00	Pass
30KHz	50MHz	HCH	DFT-QPSK	23.00	22.94	23.33	22.18	30.00	Pass
30KHz	50MHz	HCH	DFT-16QAM	22.17	21.95	22.39	21.24	30.00	Pass
30KHz	50MHz	HCH	DFT-64QAM	20.67	20.51	20.91	19.76	30.00	Pass
30KHz	50MHz	HCH	DFT-256QAM	18.40	18.43	18.91	17.76	30.00	Pass
30KHz	50MHz	HCH	CP-QPSK	21.56	21.49	21.90	20.75	30.00	Pass
30KHz	60MHz	LCH	DFT-Pi2BPSK	23.02	22.94	23.30	22.15	30.00	Pass
30KHz	60MHz	LCH	DFT-QPSK	23.07	22.92	23.40	22.25	30.00	Pass
30KHz	60MHz	LCH	DFT-16QAM	22.30	22.09	22.30	21.15	30.00	Pass
30KHz	60MHz	LCH	DFT-64QAM	20.71	20.40	20.89	19.74	30.00	Pass
30KHz	60MHz	LCH	DFT-256QAM	18.68	18.30	18.86	17.71	30.00	Pass
30KHz	60MHz	LCH	CP-QPSK	21.62	21.42	21.79	20.64	30.00	Pass
30KHz	60MHz	MCH	DFT-Pi2BPSK	23.38	23.26	23.10	22.23	30.00	Pass
30KHz	60MHz	MCH	DFT-QPSK	23.37	23.20	23.15	22.22	30.00	Pass
30KHz	60MHz	MCH	DFT-16QAM	22.53	22.49	22.21	21.38	30.00	Pass
30KHz	60MHz	MCH	DFT-64QAM	20.70	20.83	20.68	19.68	30.00	Pass
30KHz	60MHz	MCH	DFT-256QAM	18.80	18.83	18.78	17.68	30.00	Pass
30KHz	60MHz	MCH	CP-QPSK	21.89	21.85	21.67	20.74	30.00	Pass

30KHz	60MHz	HCH	DFT-Pi2BPSK	23.16	22.86	23.39	22.24	30.00	Pass
30KHz	60MHz	HCH	DFT-QPSK	23.14	22.87	23.25	22.10	30.00	Pass
30KHz	60MHz	HCH	DFT-16QAM	22.40	21.99	22.24	21.25	30.00	Pass
30KHz	60MHz	HCH	DFT-64QAM	20.87	20.54	20.79	19.72	30.00	Pass
30KHz	60MHz	HCH	DFT-256QAM	18.63	18.39	18.84	17.69	30.00	Pass
30KHz	60MHz	HCH	CP-QPSK	21.80	21.40	21.87	20.72	30.00	Pass
30KHz	70MHz	LCH	DFT-Pi2BPSK	22.96	22.94	23.23	22.08	30.00	Pass
30KHz	70MHz	LCH	DFT-QPSK	22.96	22.94	23.09	21.94	30.00	Pass
30KHz	70MHz	LCH	DFT-16QAM	22.08	22.09	22.10	20.95	30.00	Pass
30KHz	70MHz	LCH	DFT-64QAM	20.56	20.57	20.74	19.59	30.00	Pass
30KHz	70MHz	LCH	DFT-256QAM	18.32	18.54	18.56	17.41	30.00	Pass
30KHz	70MHz	LCH	CP-QPSK	21.46	21.52	21.70	20.55	30.00	Pass
30KHz	70MHz	MCH	DFT-Pi2BPSK	23.14	23.01	23.12	21.99	30.00	Pass
30KHz	70MHz	MCH	DFT-QPSK	23.11	23.01	23.15	22.00	30.00	Pass
30KHz	70MHz	MCH	DFT-16QAM	22.28	22.13	22.12	21.13	30.00	Pass
30KHz	70MHz	MCH	DFT-64QAM	20.47	20.53	20.67	19.52	30.00	Pass
30KHz	70MHz	MCH	DFT-256QAM	18.52	18.69	18.67	17.54	30.00	Pass
30KHz	70MHz	MCH	CP-QPSK	21.66	21.66	21.57	20.51	30.00	Pass
30KHz	70MHz	HCH	DFT-Pi2BPSK	23.42	22.76	23.19	22.27	30.00	Pass
30KHz	70MHz	HCH	DFT-QPSK	23.41	22.67	23.05	22.26	30.00	Pass
30KHz	70MHz	HCH	DFT-16QAM	22.56	21.86	22.13	21.41	30.00	Pass
30KHz	70MHz	HCH	DFT-64QAM	20.87	20.37	20.50	19.72	30.00	Pass
30KHz	70MHz	HCH	DFT-256QAM	18.90	18.22	18.67	17.75	30.00	Pass
30KHz	70MHz	HCH	CP-QPSK	21.98	21.30	21.66	20.83	30.00	Pass
30KHz	80MHz	LCH	DFT-Pi2BPSK	23.02	23.01	23.18	22.03	30.00	Pass
30KHz	80MHz	LCH	DFT-QPSK	22.91	23.08	23.00	21.93	30.00	Pass
30KHz	80MHz	LCH	DFT-16QAM	22.16	22.24	22.19	21.09	30.00	Pass
30KHz	80MHz	LCH	DFT-64QAM	20.42	20.64	20.68	19.53	30.00	Pass
30KHz	80MHz	LCH	DFT-256QAM	18.39	18.53	18.60	17.45	30.00	Pass
30KHz	80MHz	LCH	CP-QPSK	21.46	21.58	21.62	20.47	30.00	Pass
30KHz	80MHz	MCH	DFT-Pi2BPSK	22.89	22.87	23.02	21.87	30.00	Pass
30KHz	80MHz	MCH	DFT-QPSK	22.95	22.78	23.05	21.90	30.00	Pass
30KHz	80MHz	MCH	DFT-16QAM	22.08	22.01	21.98	20.93	30.00	Pass
30KHz	80MHz	MCH	DFT-64QAM	20.50	20.49	20.58	19.43	30.00	Pass
30KHz	80MHz	MCH	DFT-256QAM	18.50	18.46	18.57	17.42	30.00	Pass
30KHz	80MHz	MCH	CP-QPSK	21.45	21.51	21.57	20.42	30.00	Pass
30KHz	80MHz	HCH	DFT-Pi2BPSK	23.20	22.74	23.11	22.05	30.00	Pass
30KHz	80MHz	HCH	DFT-QPSK	23.11	22.74	23.11	21.96	30.00	Pass
30KHz	80MHz	HCH	DFT-16QAM	22.34	21.85	22.13	21.19	30.00	Pass
30KHz	80MHz	HCH	DFT-64QAM	20.80	20.22	20.53	19.65	30.00	Pass
30KHz	80MHz	HCH	DFT-256QAM	18.59	18.30	18.53	17.44	30.00	Pass
30KHz	80MHz	HCH	CP-QPSK	21.63	21.24	21.63	20.48	30.00	Pass
30KHz	90MHz	LCH	DFT-Pi2BPSK	22.80	22.86	23.07	21.92	30.00	Pass
30KHz	90MHz	LCH	DFT-QPSK	22.93	22.90	23.08	21.93	30.00	Pass
30KHz	90MHz	LCH	DFT-16QAM	21.82	21.89	22.16	21.01	30.00	Pass
30KHz	90MHz	LCH	DFT-64QAM	20.29	20.46	20.57	19.42	30.00	Pass
30KHz	90MHz	LCH	DFT-256QAM	18.56	18.41	18.66	17.51	30.00	Pass
30KHz	90MHz	LCH	CP-QPSK	21.38	21.38	21.65	20.50	30.00	Pass
30KHz	90MHz	MCH	DFT-Pi2BPSK	22.97	22.75	23.18	22.03	30.00	Pass
30KHz	90MHz	MCH	DFT-QPSK	22.85	22.69	23.25	22.10	30.00	Pass
30KHz	90MHz	MCH	DFT-16QAM	21.88	21.73	22.07	20.92	30.00	Pass
30KHz	90MHz	MCH	DFT-64QAM	20.32	20.30	20.61	19.46	30.00	Pass
30KHz	90MHz	MCH	DFT-256QAM	18.39	18.37	18.66	17.51	30.00	Pass
30KHz	90MHz	MCH	CP-QPSK	21.41	21.38	21.56	20.41	30.00	Pass
30KHz	90MHz	HCH	DFT-Pi2BPSK	23.01	22.67	23.11	21.96	30.00	Pass
30KHz	90MHz	HCH	DFT-QPSK	22.92	22.72	23.05	21.90	30.00	Pass
30KHz	90MHz	HCH	DFT-16QAM	21.88	21.68	22.08	20.93	30.00	Pass
30KHz	90MHz	HCH	DFT-64QAM	20.32	20.25	20.57	19.42	30.00	Pass
30KHz	90MHz	HCH	DFT-256QAM	18.30	18.14	18.49	17.34	30.00	Pass
30KHz	90MHz	HCH	CP-QPSK	21.49	21.36	21.66	20.51	30.00	Pass
30KHz	100MHz	MCH	DFT-Pi2BPSK	22.88	22.68	23.21	22.06	30.00	Pass
30KHz	100MHz	MCH	DFT-QPSK	22.95	22.58	23.15	22.00	30.00	Pass

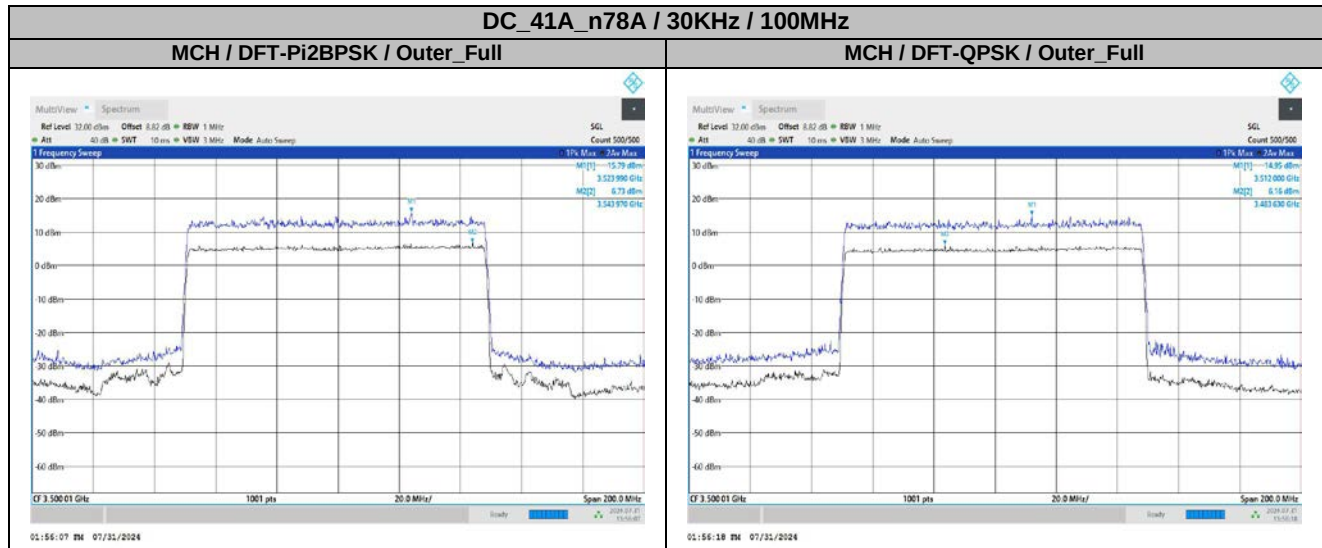
30KHz	100MHz	MCH	DFT-16QAM	21.94	21.69	22.31	21.16	30.00	Pass
30KHz	100MHz	MCH	DFT-64QAM	20.42	20.09	20.72	19.57	30.00	Pass
30KHz	100MHz	MCH	DFT-256QAM	18.36	18.22	18.71	17.56	30.00	Pass
30KHz	100MHz	MCH	CP-QPSK	21.39	21.21	21.60	20.45	30.00	Pass

2. Peak-to-Average Ratio

2.1. Test Results

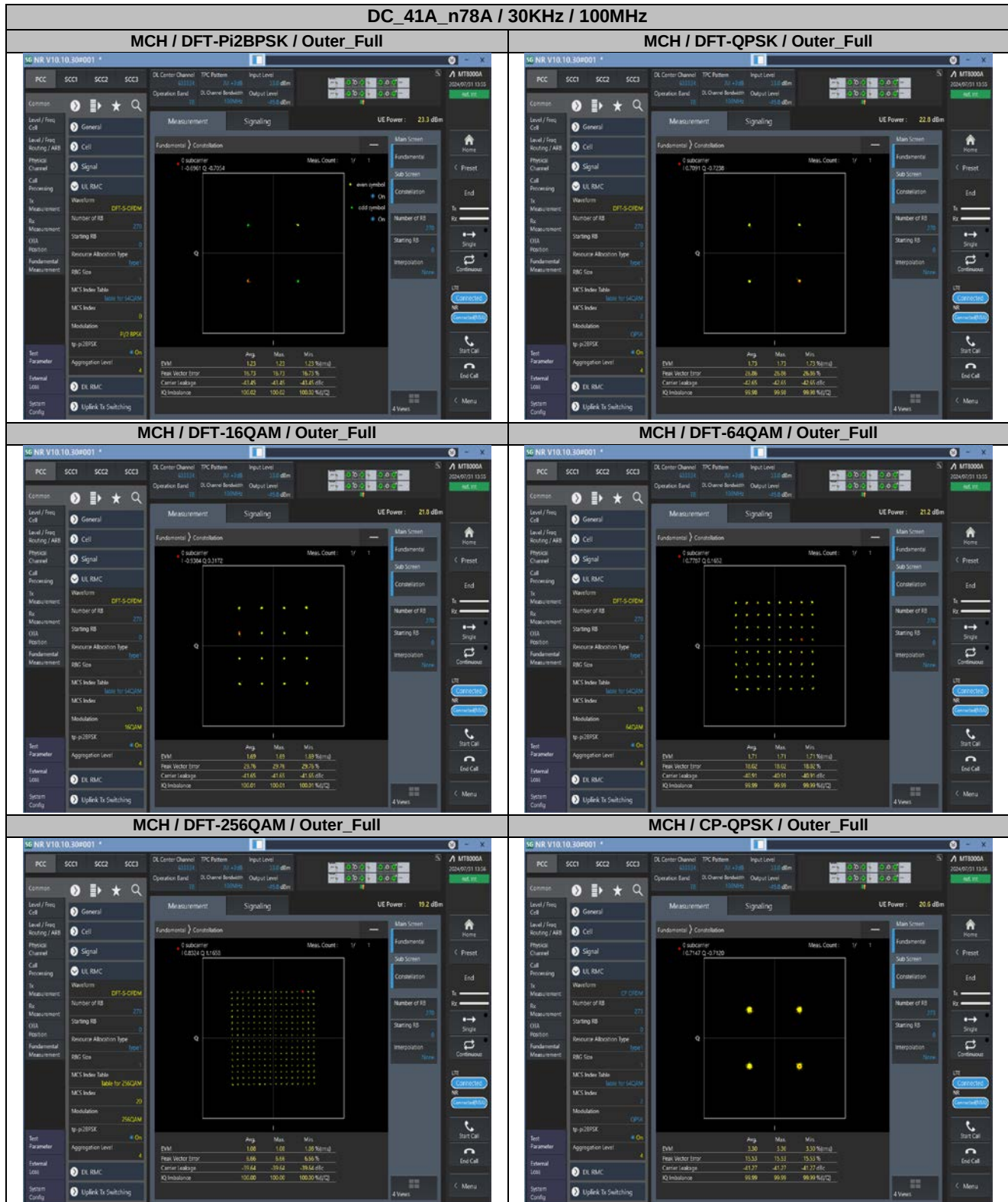
SCS	Bandwidth	Channel	RB	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
30KHz	100MHz	MCH	Outer_Full	9.07	8.79	13.00	Pass

2.2. Test Plots



3. Modulation Characteristics

3.1. Test Plots





4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

4.1. Test Results

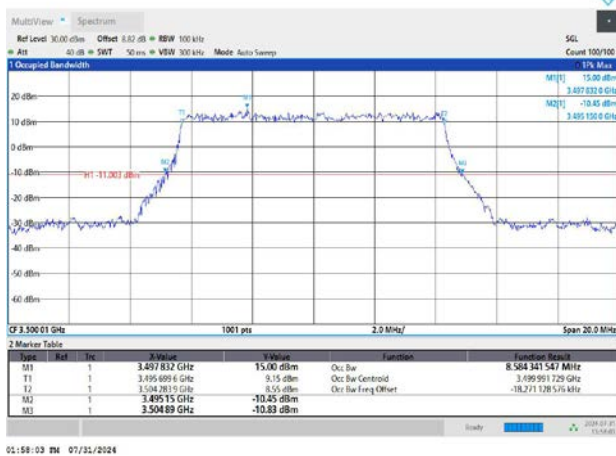
SCS	Bandwidth	Modulation	RB	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
30KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.58	9.74	Pass
30KHz	10MHz	DFT-QPSK	Outer_Full	8.59	9.64	Pass
30KHz	10MHz	CP-QPSK	Outer_Full	8.60	9.94	Pass
30KHz	10MHz	CP-16QAM	Outer_Full	8.58	9.94	Pass
30KHz	10MHz	CP-64QAM	Outer_Full	8.61	9.86	Pass
30KHz	10MHz	CP-256QAM	Outer_Full	8.57	9.60	Pass
30KHz	15MHz	DFT-Pi2BPSK	Outer_Full	12.85	14.46	Pass
30KHz	15MHz	DFT-QPSK	Outer_Full	12.91	14.31	Pass
30KHz	15MHz	CP-QPSK	Outer_Full	13.60	15.09	Pass
30KHz	15MHz	CP-16QAM	Outer_Full	13.61	14.91	Pass
30KHz	15MHz	CP-64QAM	Outer_Full	13.61	15.12	Pass
30KHz	15MHz	CP-256QAM	Outer_Full	13.58	15.03	Pass
30KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.85	19.28	Pass
30KHz	20MHz	DFT-QPSK	Outer_Full	17.85	19.56	Pass
30KHz	20MHz	CP-QPSK	Outer_Full	18.17	19.84	Pass
30KHz	20MHz	CP-16QAM	Outer_Full	18.22	19.76	Pass
30KHz	20MHz	CP-64QAM	Outer_Full	18.22	19.60	Pass
30KHz	20MHz	CP-256QAM	Outer_Full	18.20	19.80	Pass
30KHz	30MHz	DFT-Pi2BPSK	Outer_Full	26.87	28.80	Pass
30KHz	30MHz	DFT-QPSK	Outer_Full	26.83	28.50	Pass
30KHz	30MHz	CP-QPSK	Outer_Full	27.81	29.94	Pass
30KHz	30MHz	CP-16QAM	Outer_Full	27.85	29.88	Pass
30KHz	30MHz	CP-64QAM	Outer_Full	27.88	29.94	Pass
30KHz	30MHz	CP-256QAM	Outer_Full	27.87	29.82	Pass
30KHz	40MHz	DFT-Pi2BPSK	Outer_Full	35.64	37.60	Pass
30KHz	40MHz	DFT-QPSK	Outer_Full	35.70	37.60	Pass
30KHz	40MHz	CP-QPSK	Outer_Full	37.83	39.84	Pass
30KHz	40MHz	CP-16QAM	Outer_Full	37.78	39.92	Pass
30KHz	40MHz	CP-64QAM	Outer_Full	37.80	40.00	Pass
30KHz	40MHz	CP-256QAM	Outer_Full	37.85	40.00	Pass
30KHz	50MHz	DFT-Pi2BPSK	Outer_Full	45.73	48.10	Pass
30KHz	50MHz	DFT-QPSK	Outer_Full	45.63	48.00	Pass
30KHz	50MHz	CP-QPSK	Outer_Full	47.38	49.80	Pass
30KHz	50MHz	CP-16QAM	Outer_Full	47.50	49.80	Pass
30KHz	50MHz	CP-64QAM	Outer_Full	47.47	49.90	Pass
30KHz	50MHz	CP-256QAM	Outer_Full	47.48	49.70	Pass
30KHz	60MHz	DFT-Pi2BPSK	Outer_Full	57.80	60.24	Pass
30KHz	60MHz	DFT-QPSK	Outer_Full	57.78	60.12	Pass
30KHz	60MHz	CP-QPSK	Outer_Full	57.71	60.12	Pass
30KHz	60MHz	CP-16QAM	Outer_Full	57.77	60.00	Pass
30KHz	60MHz	CP-64QAM	Outer_Full	57.75	60.36	Pass
30KHz	60MHz	CP-256QAM	Outer_Full	57.65	60.00	Pass
30KHz	70MHz	DFT-Pi2BPSK	Outer_Full	64.22	66.78	Pass
30KHz	70MHz	DFT-QPSK	Outer_Full	64.16	66.64	Pass
30KHz	70MHz	CP-QPSK	Outer_Full	67.49	70.00	Pass
30KHz	70MHz	CP-16QAM	Outer_Full	67.57	70.00	Pass
30KHz	70MHz	CP-64QAM	Outer_Full	67.40	70.14	Pass
30KHz	70MHz	CP-256QAM	Outer_Full	67.49	70.00	Pass
30KHz	80MHz	DFT-Pi2BPSK	Outer_Full	77.04	80.32	Pass
30KHz	80MHz	DFT-QPSK	Outer_Full	76.97	80.32	Pass
30KHz	80MHz	CP-QPSK	Outer_Full	77.58	80.80	Pass
30KHz	80MHz	CP-16QAM	Outer_Full	77.48	80.80	Pass
30KHz	80MHz	CP-64QAM	Outer_Full	77.46	80.80	Pass
30KHz	80MHz	CP-256QAM	Outer_Full	77.40	80.80	Pass
30KHz	90MHz	DFT-Pi2BPSK	Outer_Full	86.55	89.82	Pass
30KHz	90MHz	DFT-QPSK	Outer_Full	86.63	90.18	Pass
30KHz	90MHz	CP-QPSK	Outer_Full	87.28	90.72	Pass

30KHz	90MHz	CP-16QAM	Outer_Full	87.27	90.90	Pass
30KHz	90MHz	CP-64QAM	Outer_Full	87.36	90.72	Pass
30KHz	90MHz	CP-256QAM	Outer_Full	87.41	90.72	Pass
30KHz	100MHz	DFT-Pi2BPSK	Outer_Full	96.35	99.60	Pass
30KHz	100MHz	DFT-QPSK	Outer_Full	96.53	99.80	Pass
30KHz	100MHz	CP-QPSK	Outer_Full	97.37	101.00	Pass
30KHz	100MHz	CP-16QAM	Outer_Full	97.16	101.00	Pass
30KHz	100MHz	CP-64QAM	Outer_Full	97.42	101.20	Pass
30KHz	100MHz	CP-256QAM	Outer_Full	97.37	100.80	Pass

4.2. Test Plots

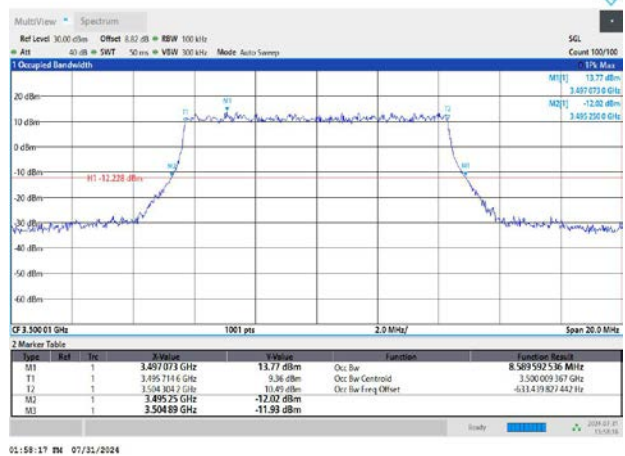
DC_41A_n78A / 30KHz / 10MHz

MCH / DFT-Pi2BPSK / Outer_Full



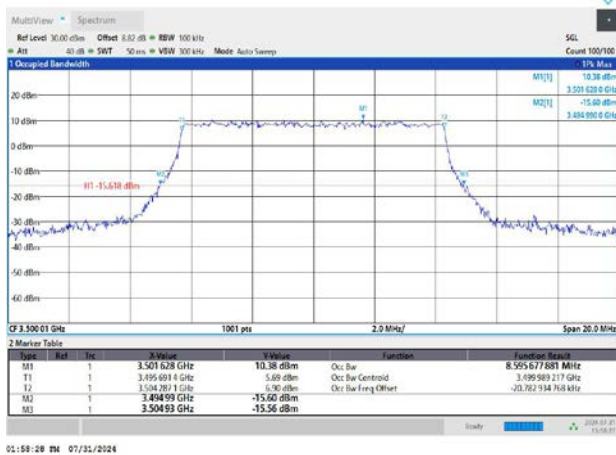
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MCH / DFT-QPSK / Outer_Full



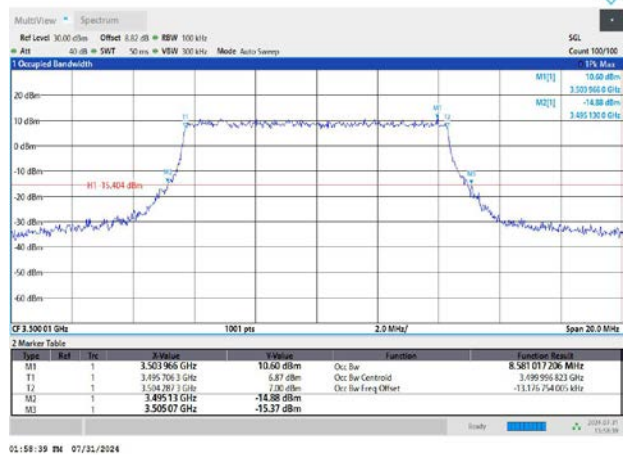
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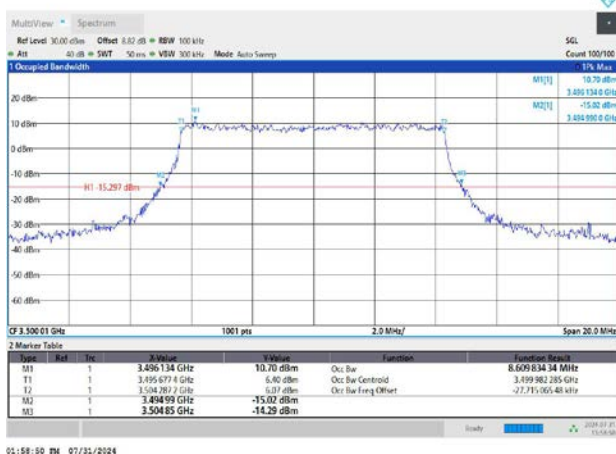
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MCH / CP-16QAM / Outer_Full



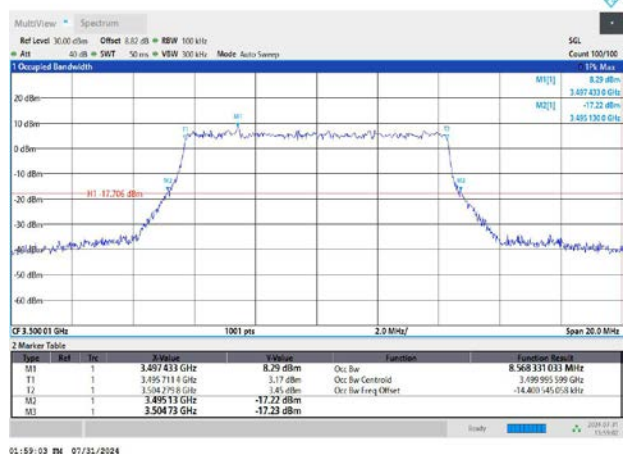
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MCH / CP-64QAM / Outer_Full



01:58:50 PM 07/31/2024

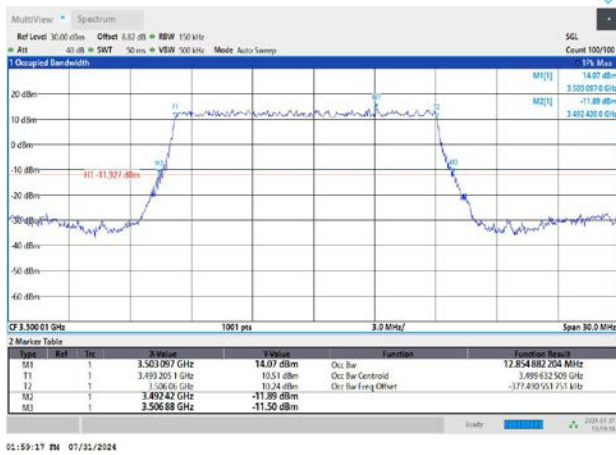
MCH / CP-256QAM / Outer_Full



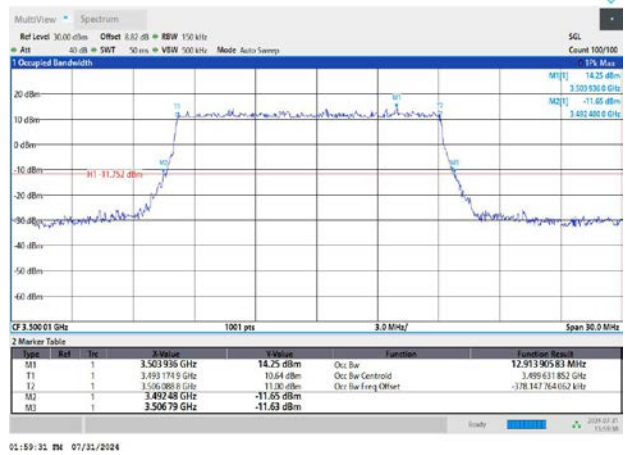
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DC_41A_n78A / 30KHz / 15MHz

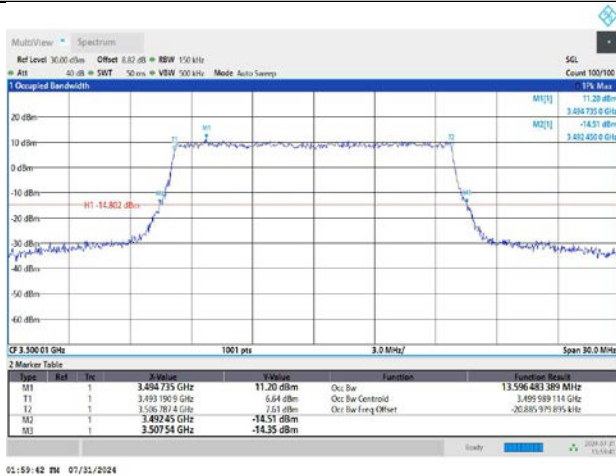
MCH / DFT-Pi2BPSK / Outer_Full



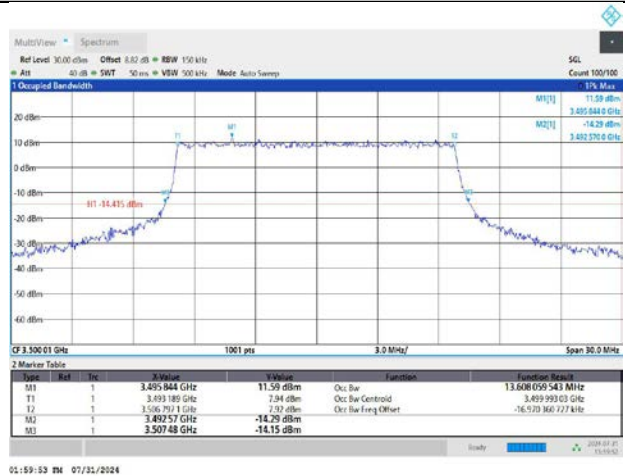
MCH / DFT-QPSK / Outer_Full



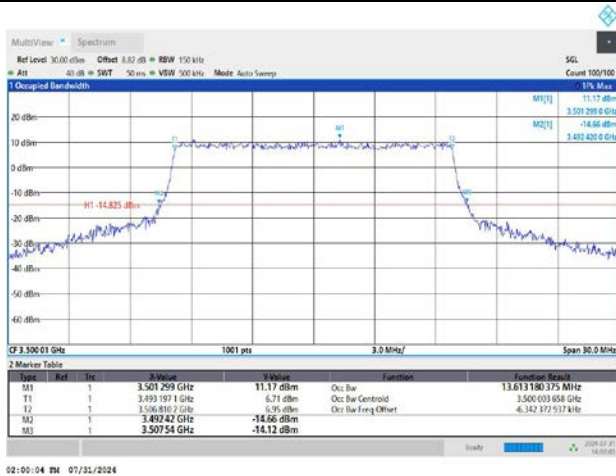
MCH / CP-QPSK / Outer_Full



MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

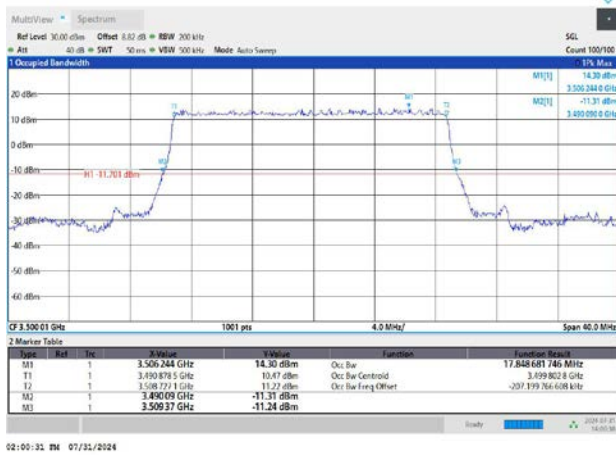


MCH / CP-256QAM / Outer_Full

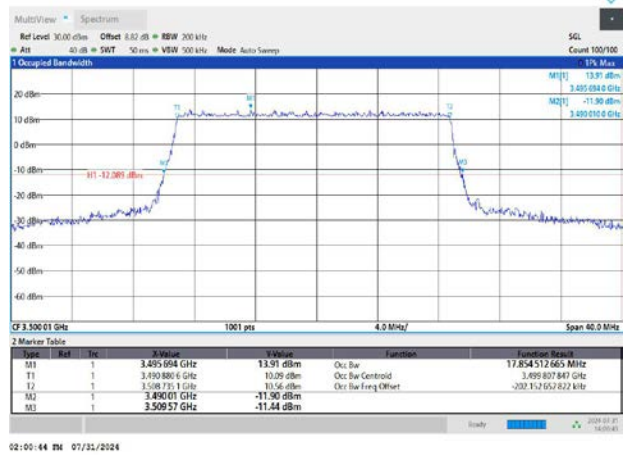


DC_41A_n78A / 30KHz / 20MHz

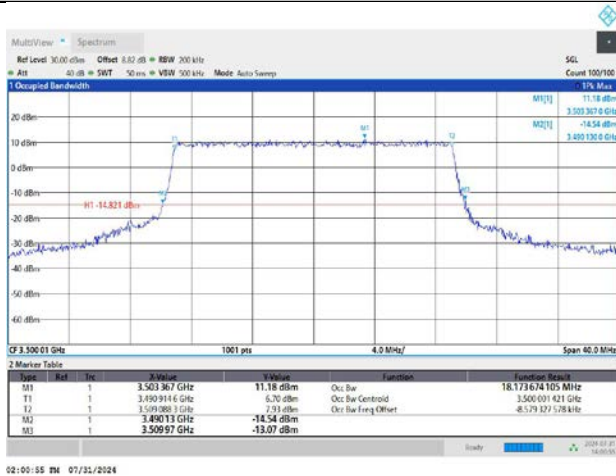
MCH / DFT-Pi2BPSK / Outer_Full



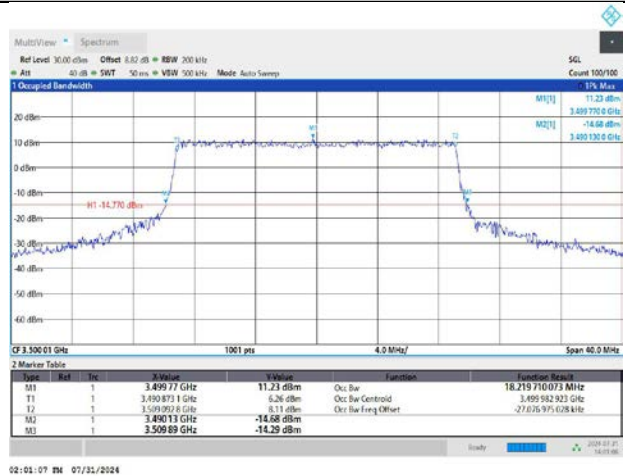
MCH / DFT-QPSK / Outer_Full



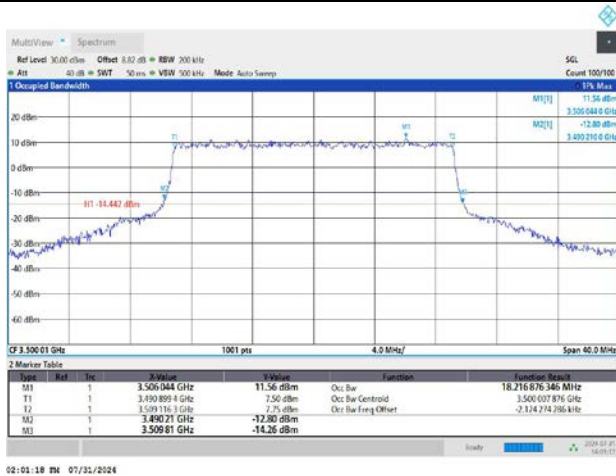
MCH / CP-QPSK / Outer_Full



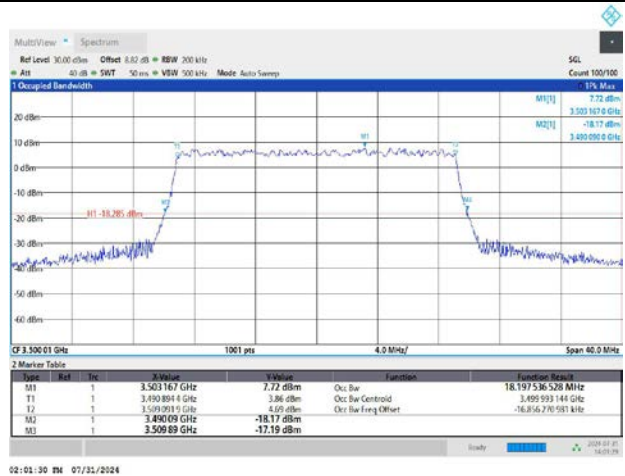
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MCH / CP-64QAM / Outer_Full

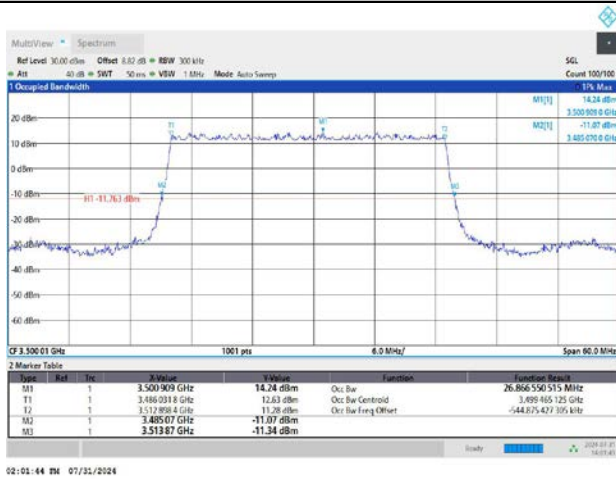


MCH / CP-256QAM / Outer_Full

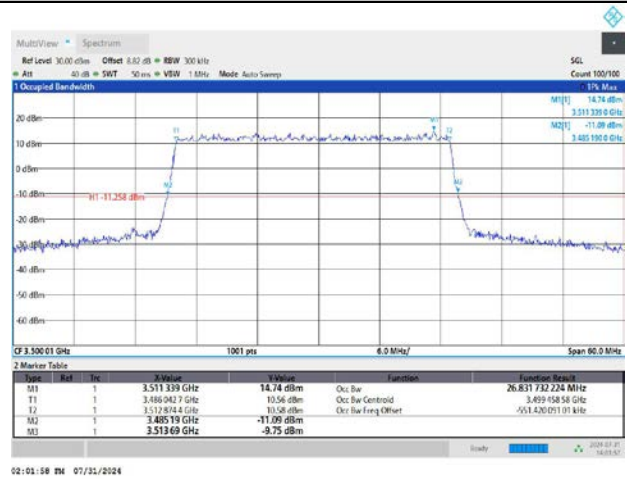


DC_41A_n78A / 30KHz / 30MHz

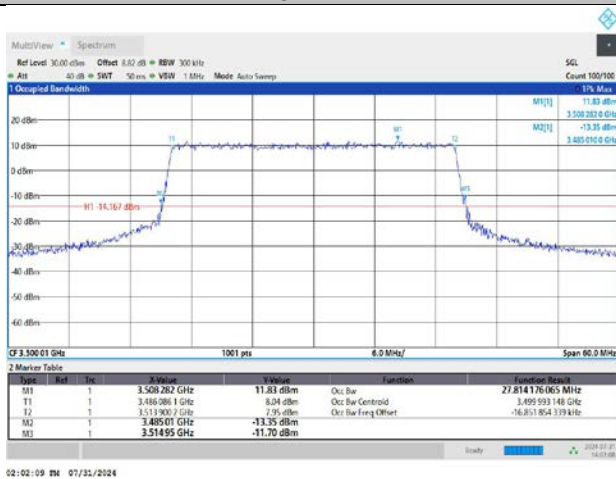
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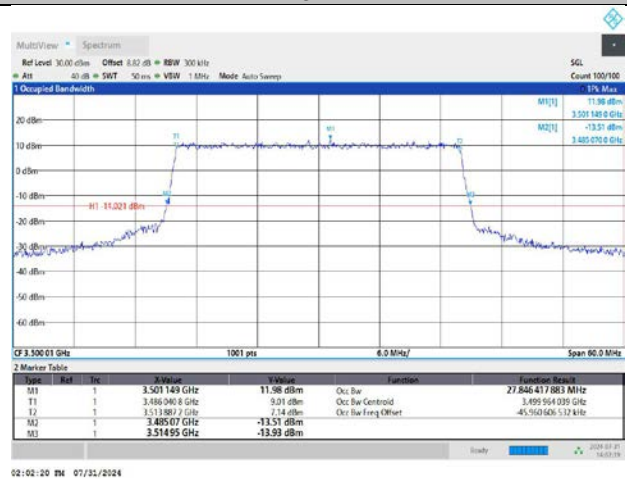
MCH / DFT-QPSK / Outer_Full



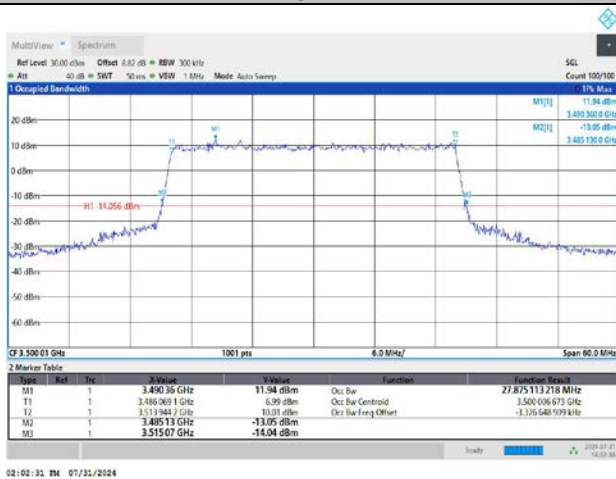
MCH / CP-QPSK / Outer_Full



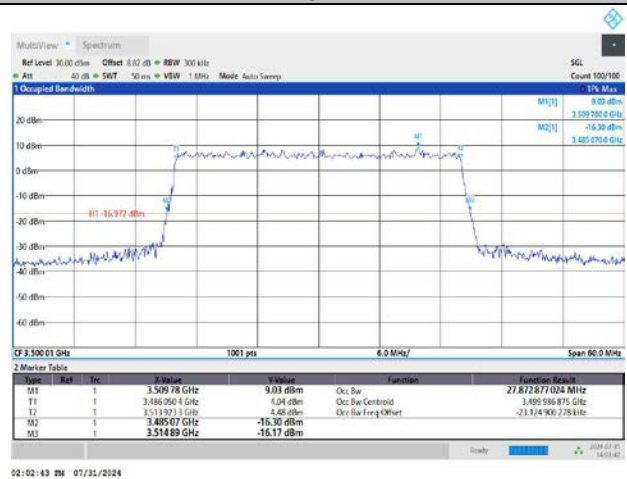
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

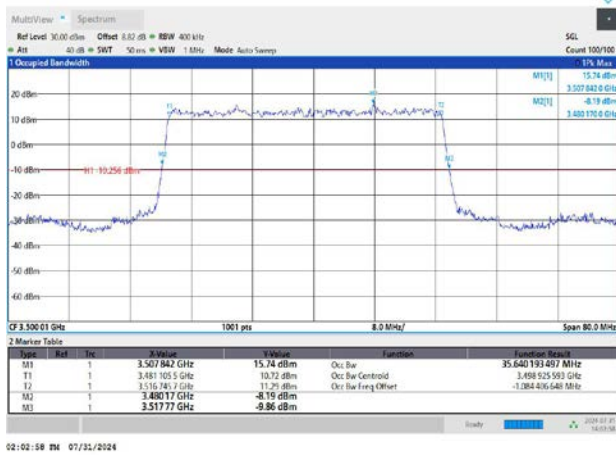


MCH / CP-256QAM / Outer_Full

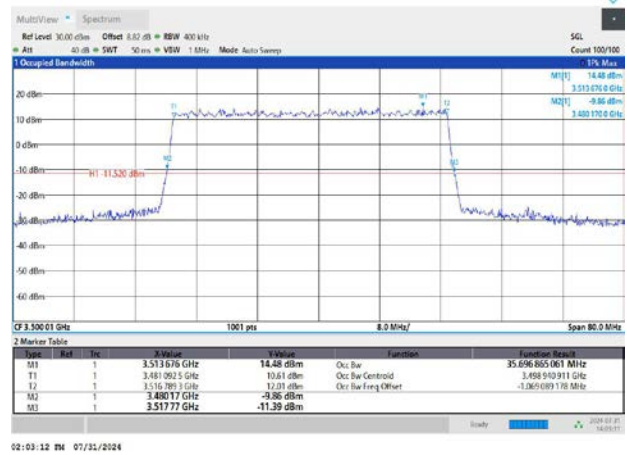


DC_41A_n78A / 30KHz / 40MHz

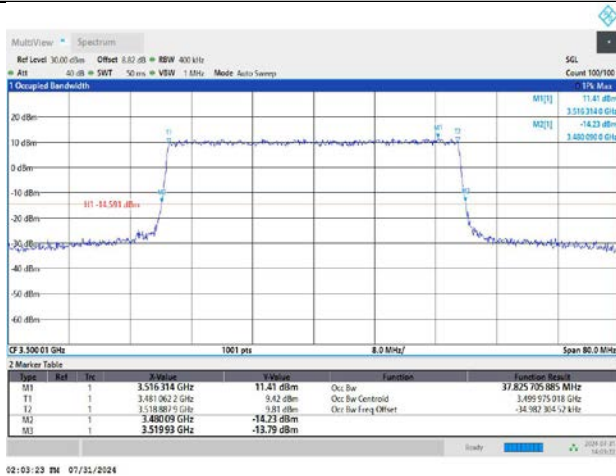
MCH / DFT-Pi2BPSK / Outer_Full



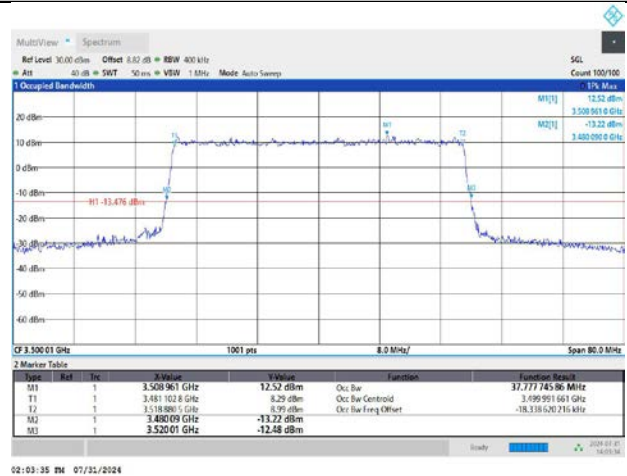
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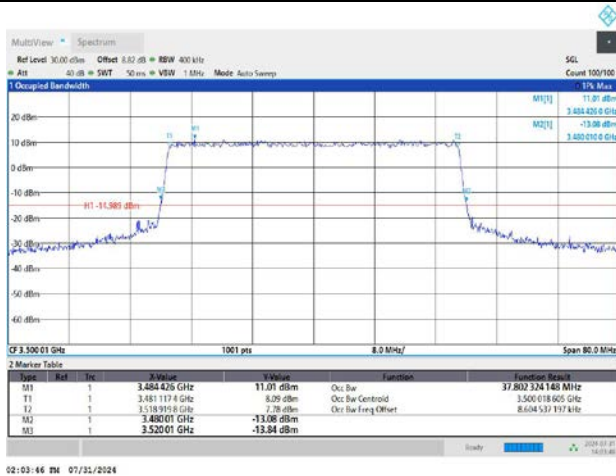
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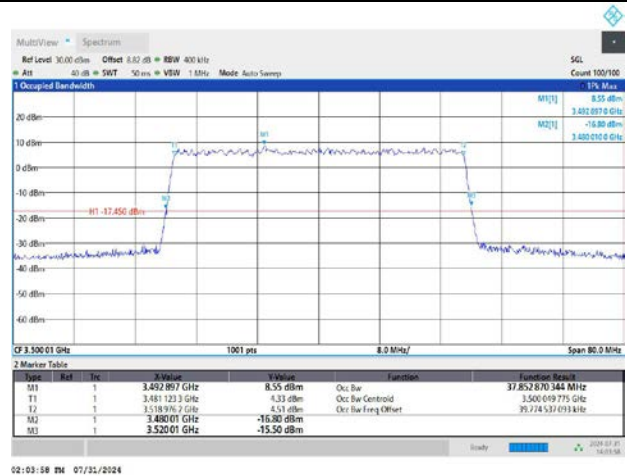
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full



MCH / CP-256QAM / Outer_Full

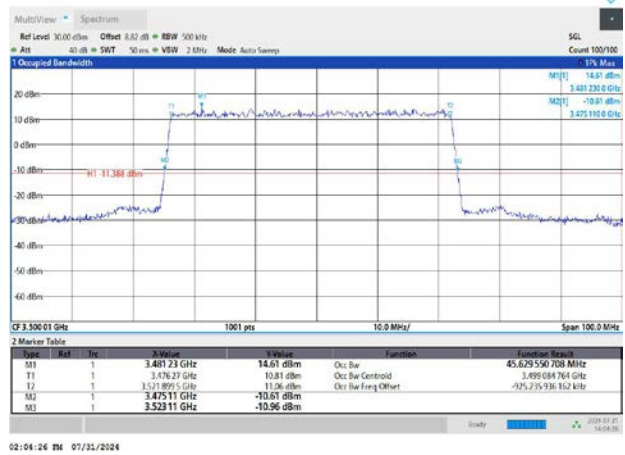


DC_41A_n78A / 30KHz / 50MHz

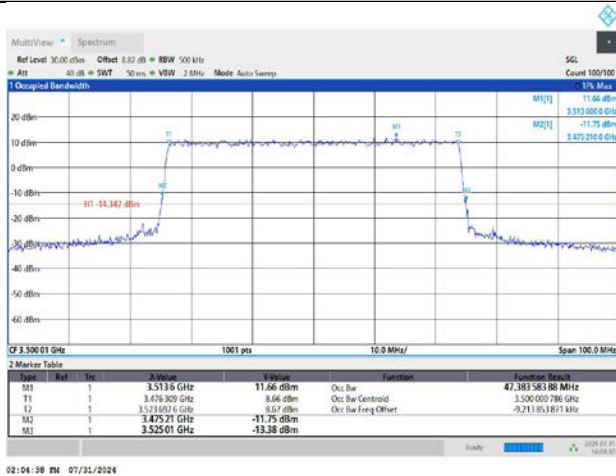
MCH / DFT-Pi2BPSK / Outer_Full



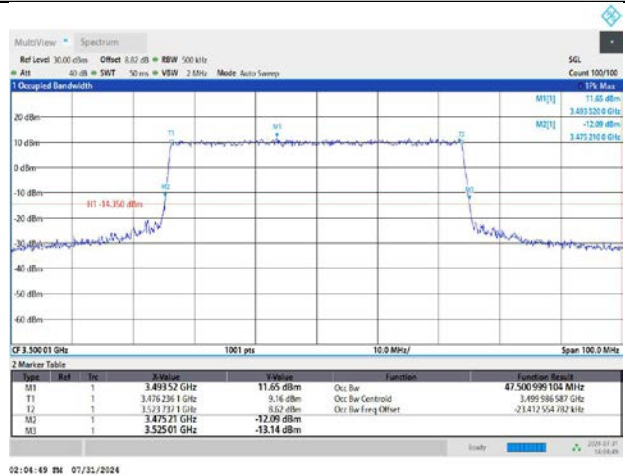
MCH / DFT-QPSK / Outer_Full



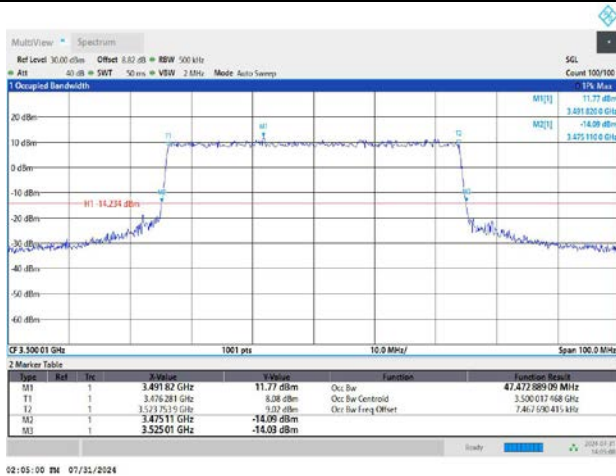
MCH / CP-QPSK / Outer_Full



MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full



MCH / CP-256QAM / Outer_Full

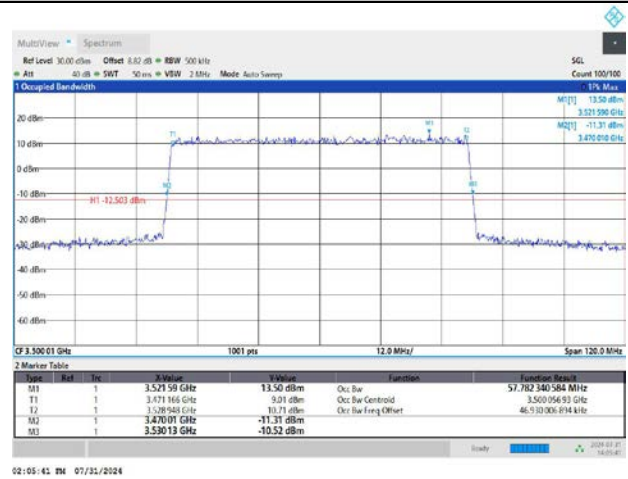


DC_41A_n78A / 30KHz / 60MHz

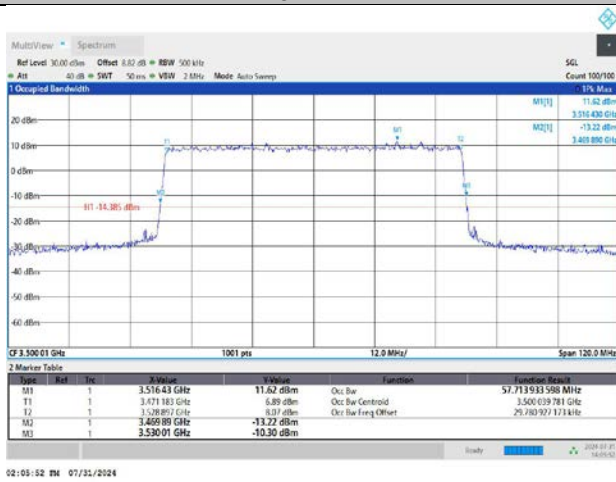
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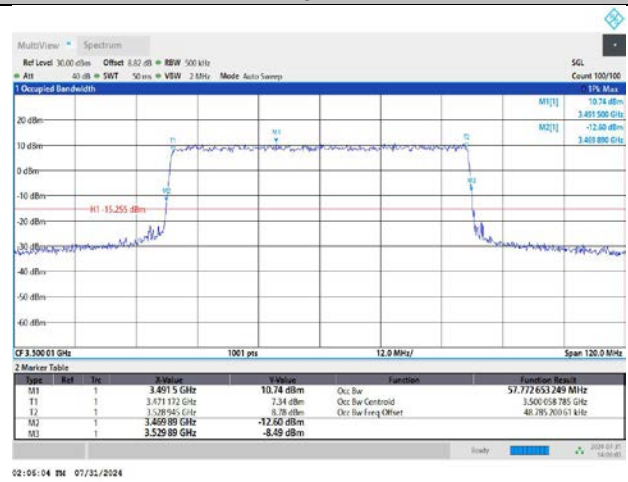
MCH / DFT-QPSK / Outer_Full



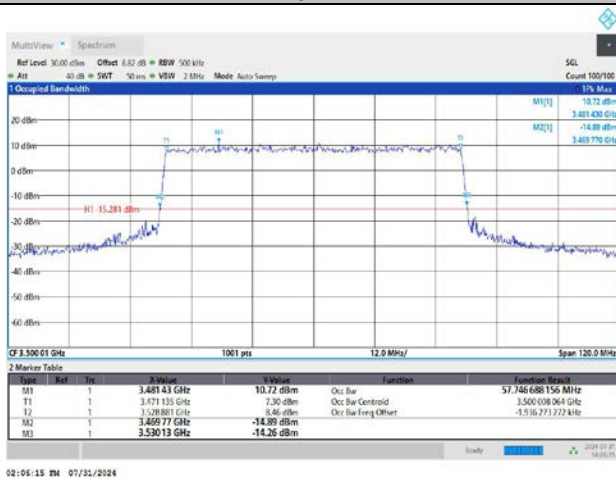
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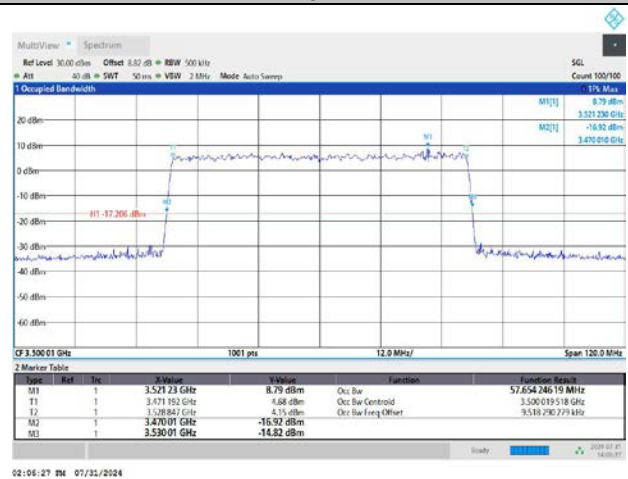
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MCH / CP-64QAM / Outer_Full

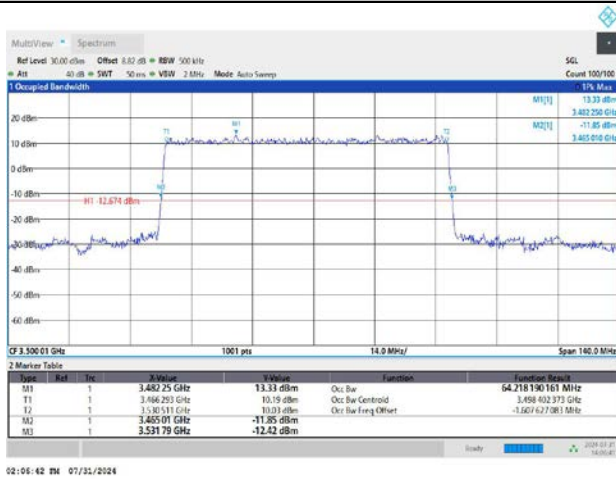


MCH / CP-256QAM / Outer_Full



DC_41A_n78A / 30KHz / 70MHz

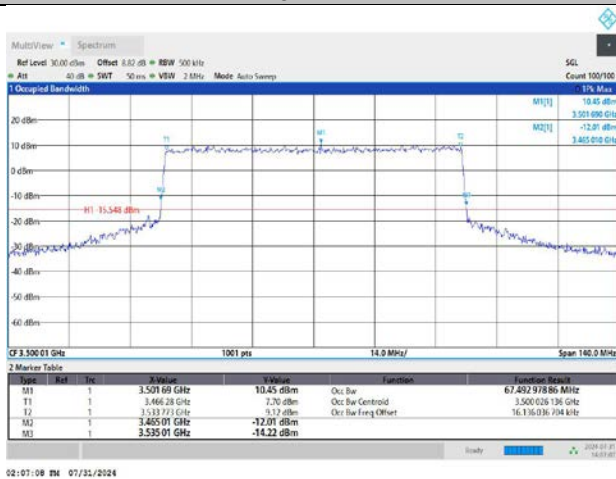
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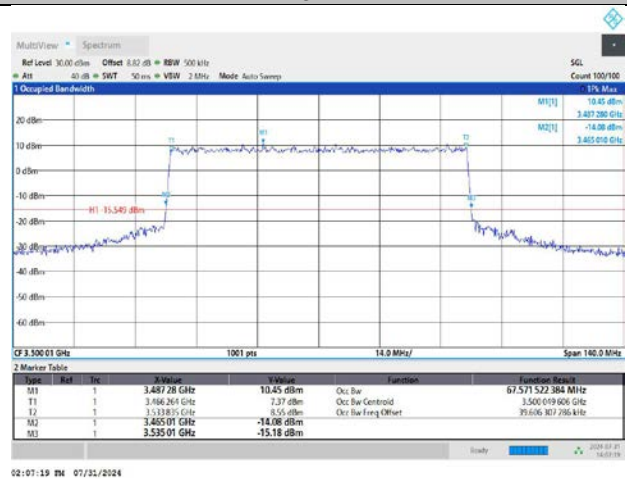
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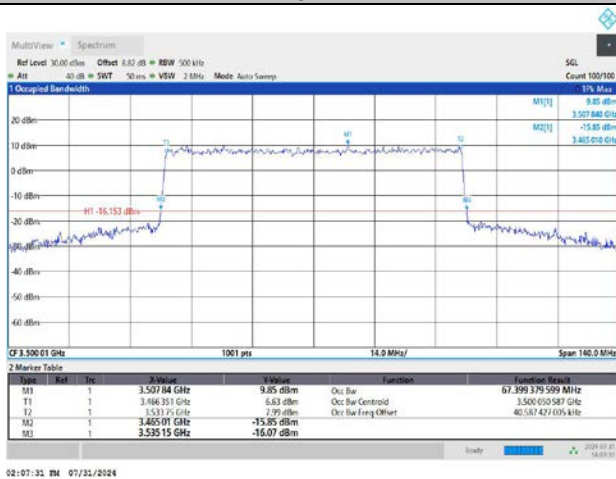
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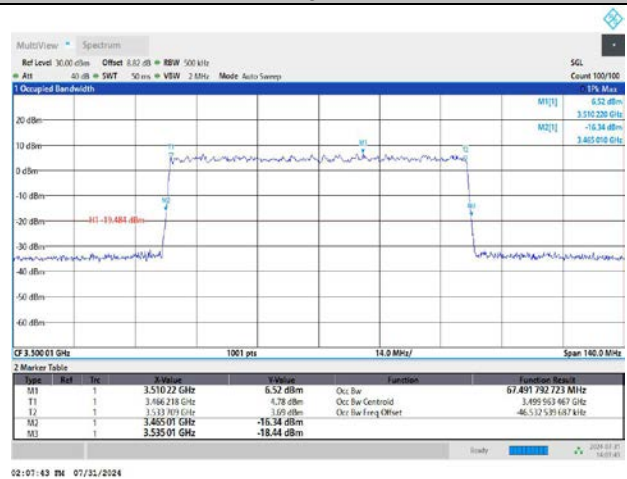
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

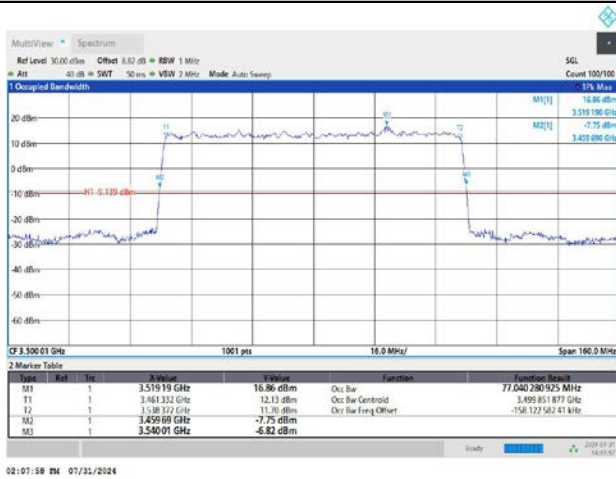


MCH / CP-256QAM / Outer_Full

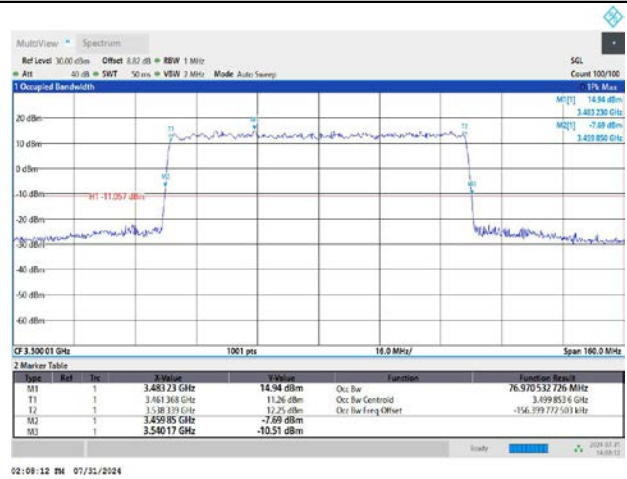


DC_41A_n78A / 30KHz / 80MHz

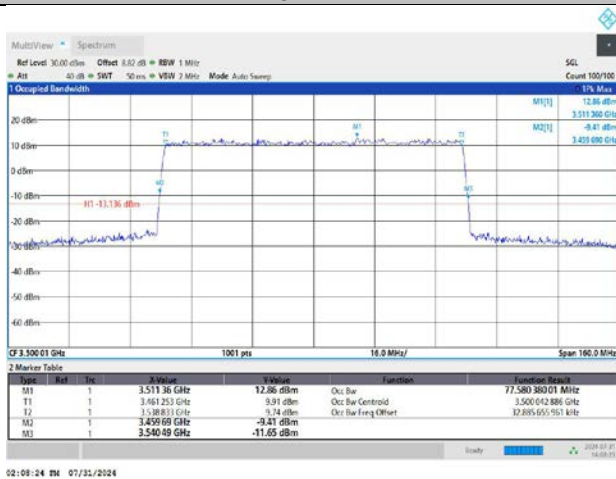
MCH / DFT-Pi2BPSK / Outer_Full



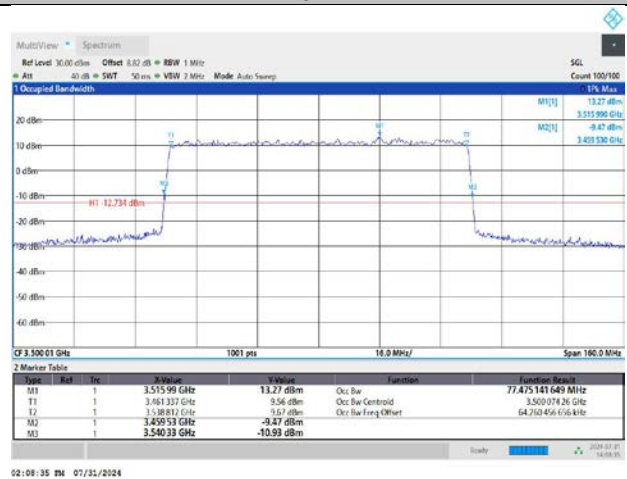
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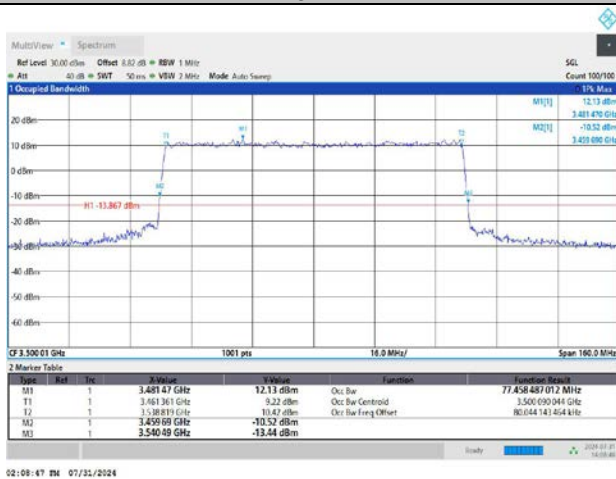
MCH / CP-QPSK / Outer_Full



MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full



MCH / CP-256QAM / Outer_Full

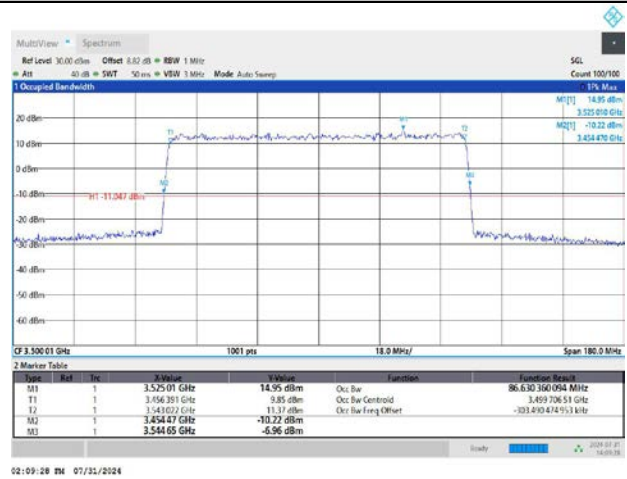


DC_41A_n78A / 30KHz / 90MHz

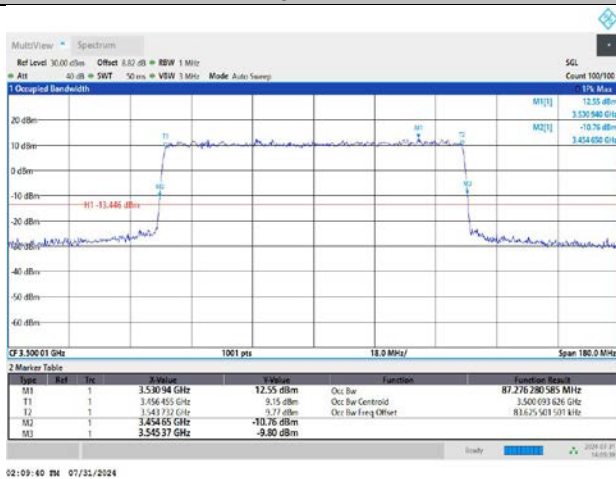
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MCH / DFT-QPSK / Outer_Full



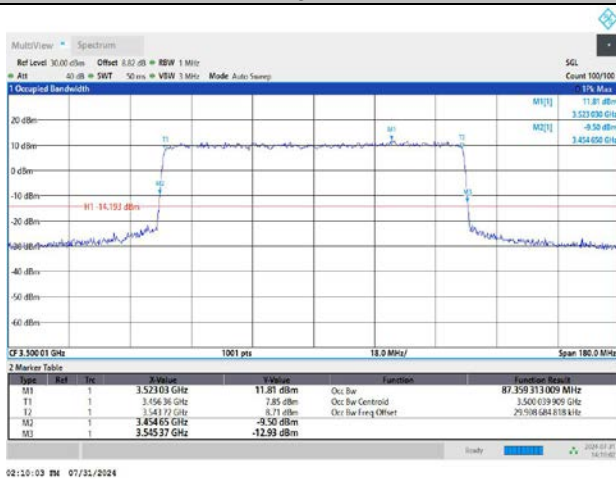
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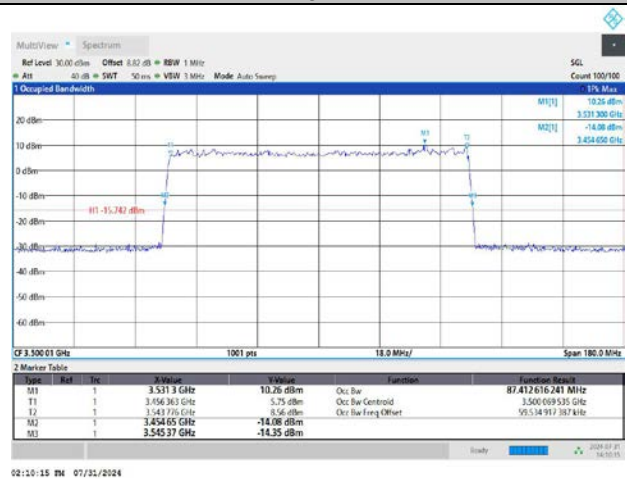
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MCH / CP-64QAM / Outer_Full

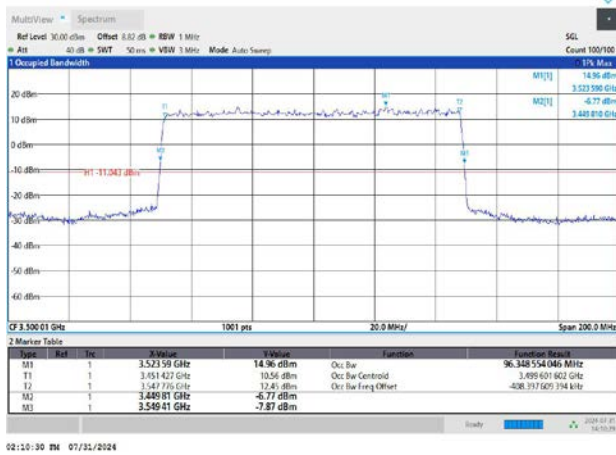


MCH / CP-256QAM / Outer_Full

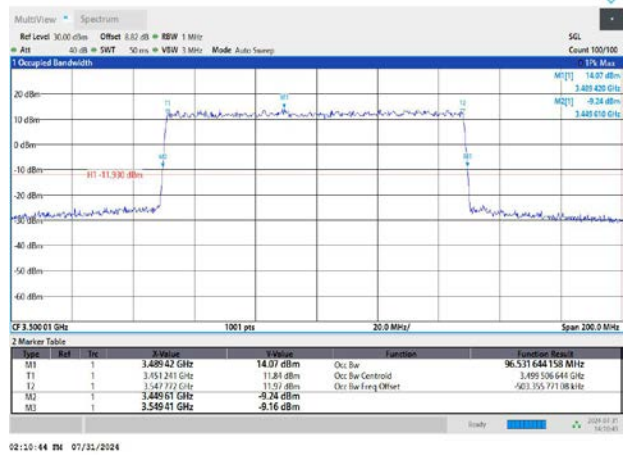


DC_41A_n78A / 30KHz / 100MHz

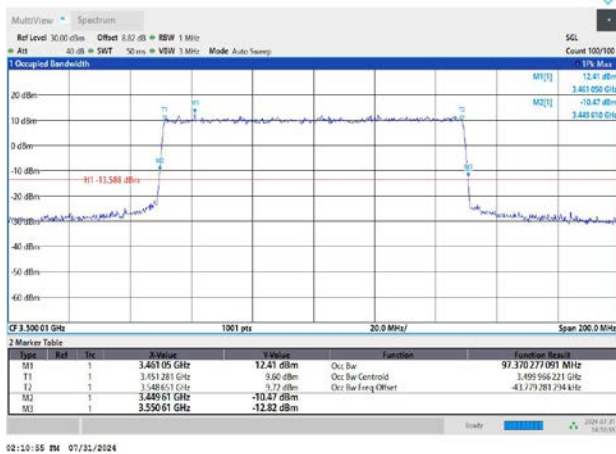
MCH / DFT-Pi2BPSK / Outer_Full



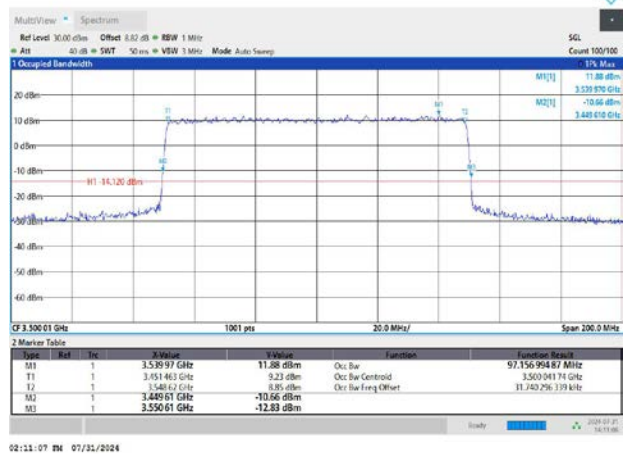
MCH / DFT-QPSK / Outer_Full



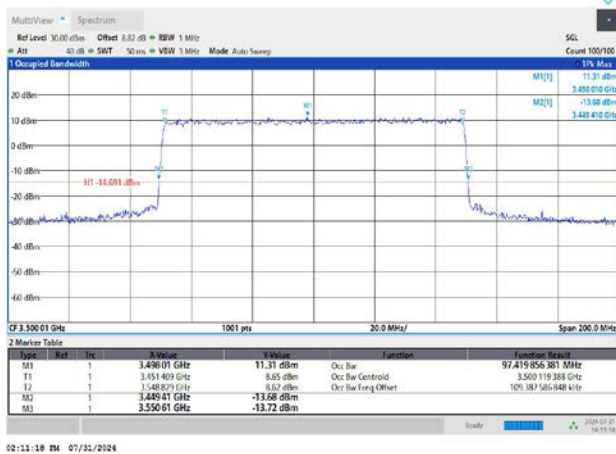
MCH / CP-QPSK / Outer_Full



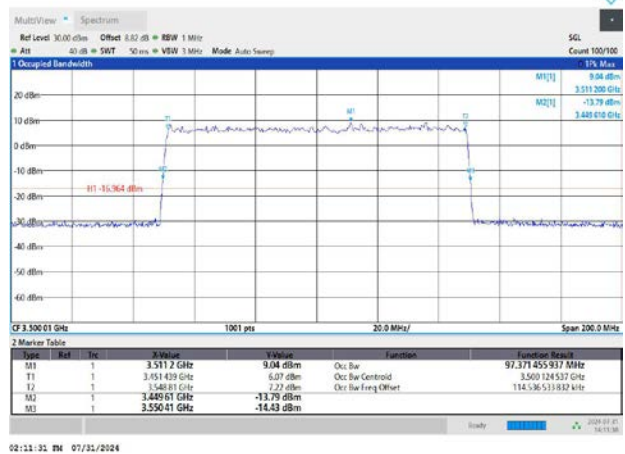
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

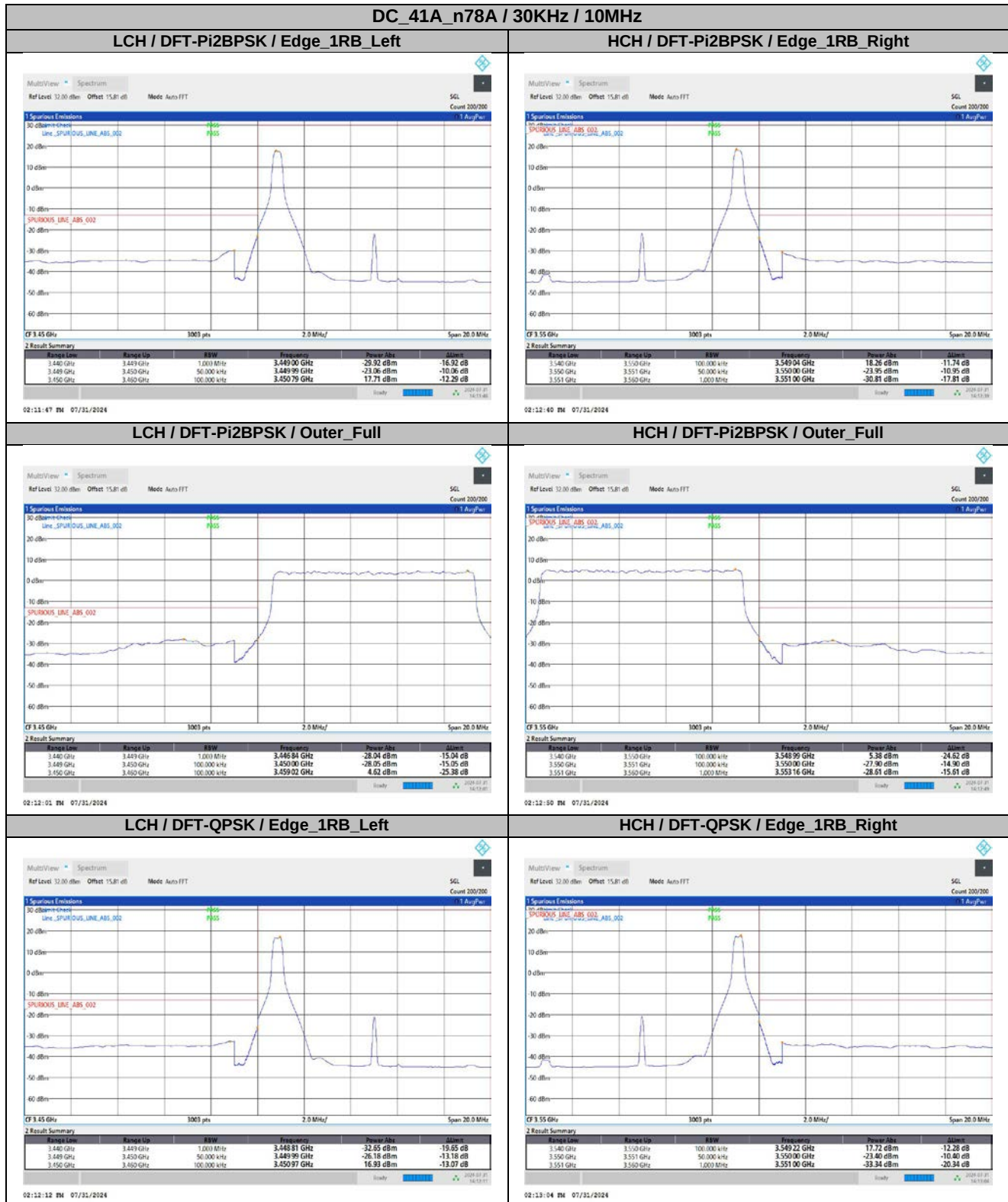


MCH / CP-256QAM / Outer_Full



5. Conducted Band Edges

5.1. Test Plots



LCH / DFT-QPSK / Outer_Full



HCH / DFT-QPSK / Outer_Full



DC_41A_n78A / 30KHz / 15MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



HCH / DFT-Pi2BPSK / Edge_1RB_Right



LCH / DFT-Pi2BPSK / Outer_Full



HCH / DFT-Pi2BPSK / Outer_Full



LCH / DFT-QPSK / Edge_1RB_Left



HCH / DFT-QPSK / Edge_1RB_Right



LCH / DFT-QPSK / Outer_Full

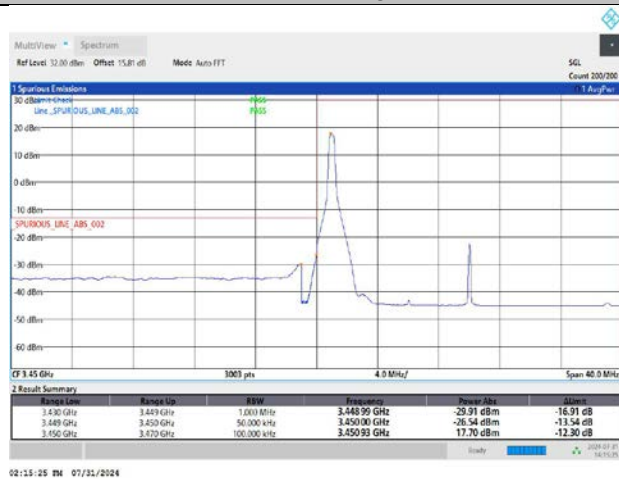


HCH / DFT-QPSK / Outer_Full

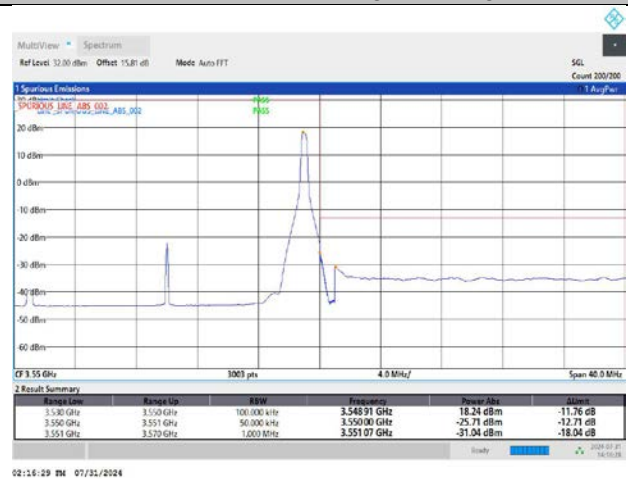


DC_41A_n78A / 30KHz / 20MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



HCH / DFT-Pi2BPSK / Edge_1RB_Right



LCH / DFT-Pi2BPSK / Outer_Full



HCH / DFT-Pi2BPSK / Outer_Full



LCH / DFT-QPSK / Edge_1RB_Left



HCH / DFT-QPSK / Edge_1RB_Right



LCH / DFT-QPSK / Outer_Full



HCH / DFT-QPSK / Outer_Full



DC_41A_n78A / 30KHz / 30MHz

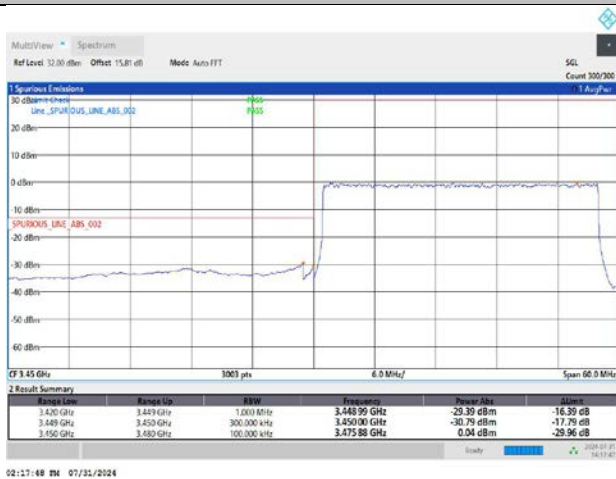
LCH / DFT-Pi2BPSK / Edge_1RB_Left



HCH / DFT-Pi2BPSK / Edge_1RB_Right



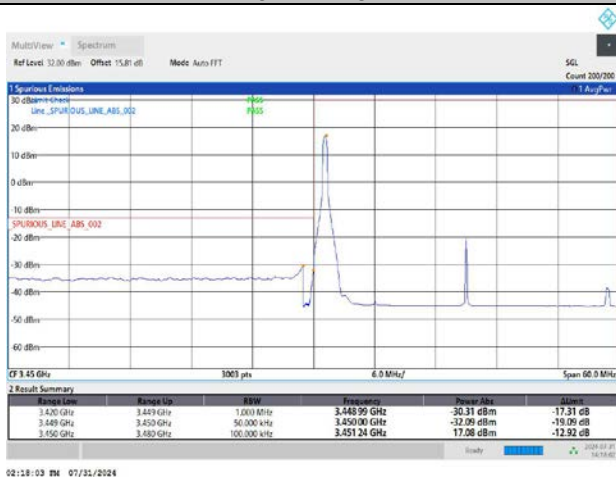
LCH / DFT-Pi2BPSK / Outer_Full



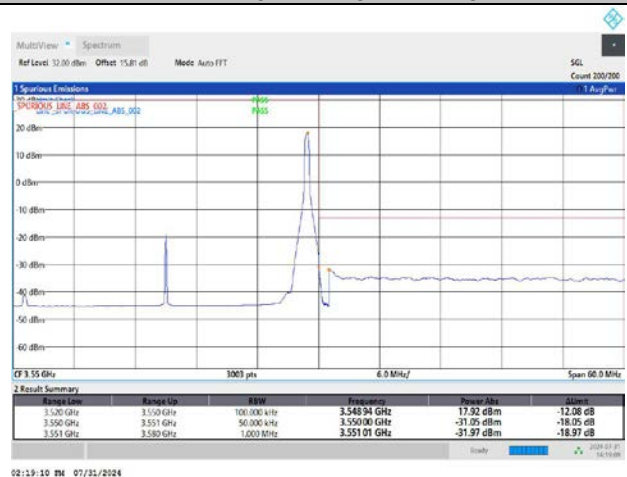
HCH / DFT-Pi2BPSK / Outer_Full



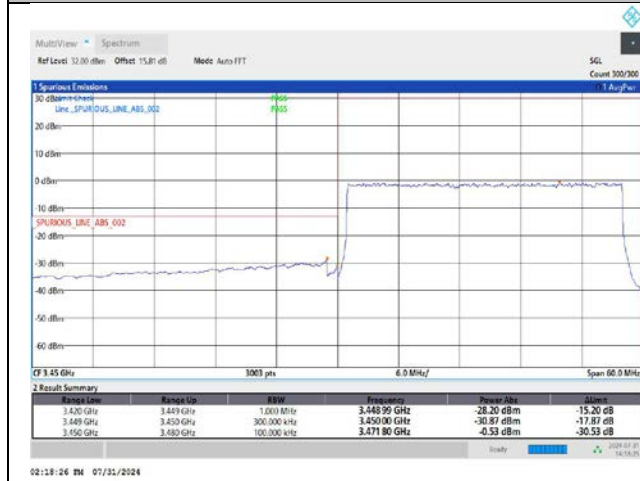
LCH / DFT-QPSK / Edge_1RB_Left



HCH / DFT-QPSK / Edge_1RB_Right



LCH / DFT-QPSK / Outer_Full

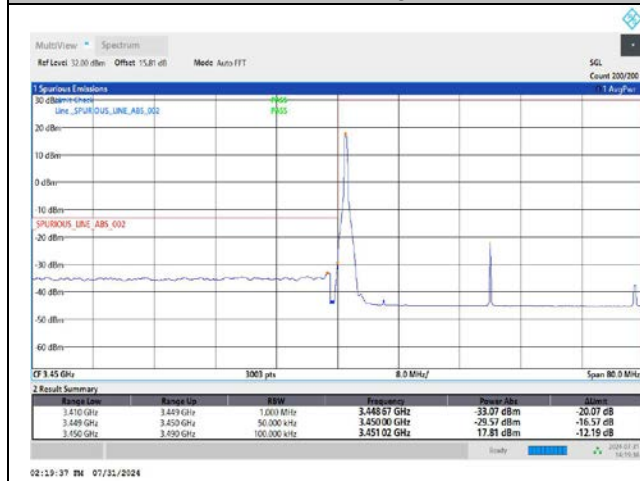


HCH / DFT-QPSK / Outer_Full

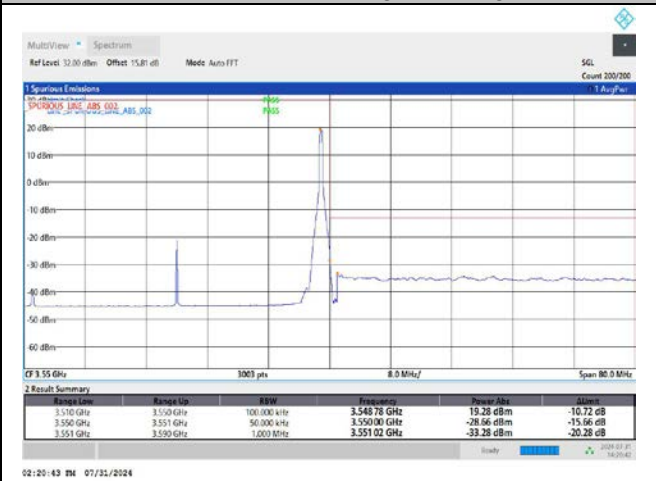


DC_41A_n78A / 30KHz / 40MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



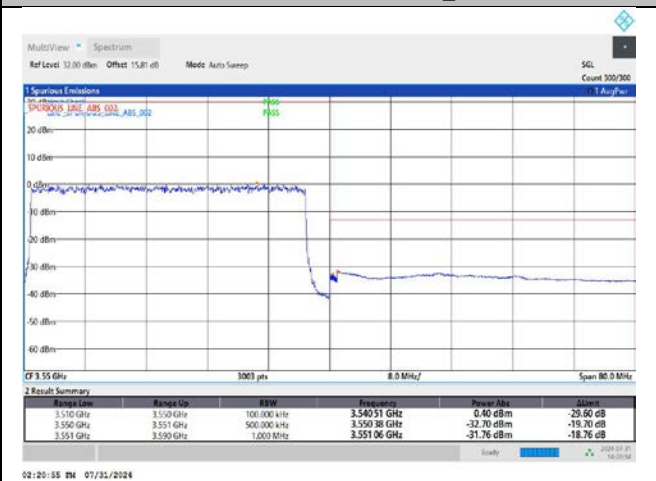
HCH / DFT-Pi2BPSK / Edge_1RB_Right



LCH / DFT-Pi2BPSK / Outer_Full



HCH / DFT-Pi2BPSK / Outer_Full



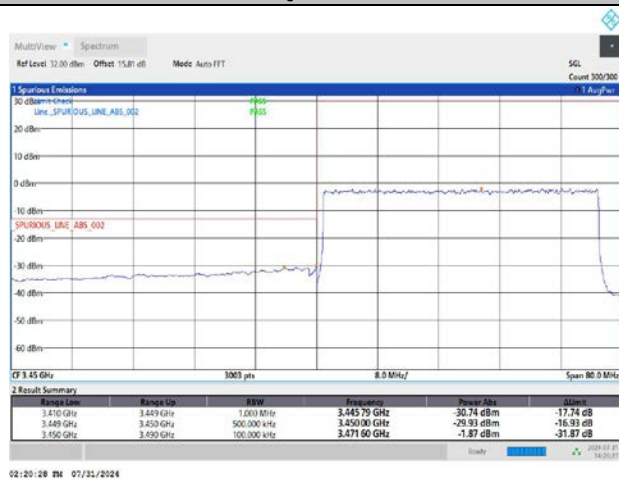
LCH / DFT-QPSK / Edge_1RB_Left



HCH / DFT-QPSK / Edge_1RB_Right



LCH / DFT-QPSK / Outer_Full

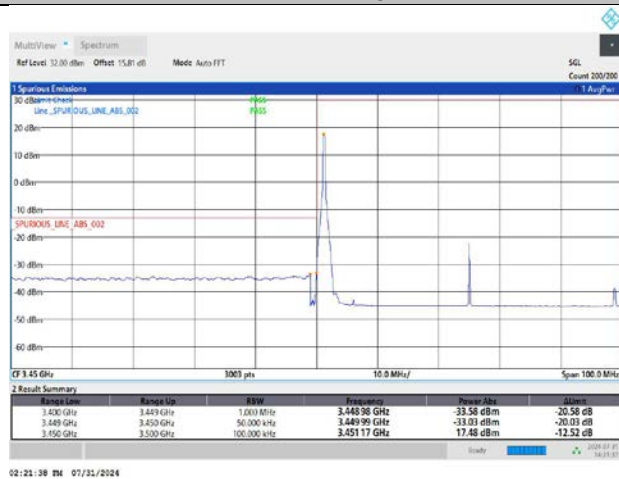


HCH / DFT-QPSK / Outer_Full

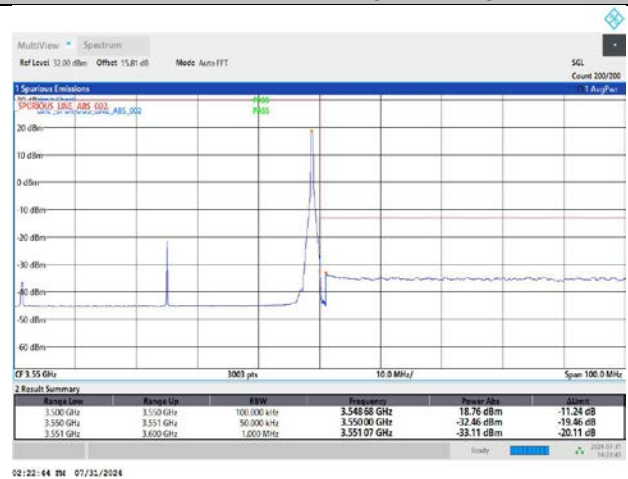


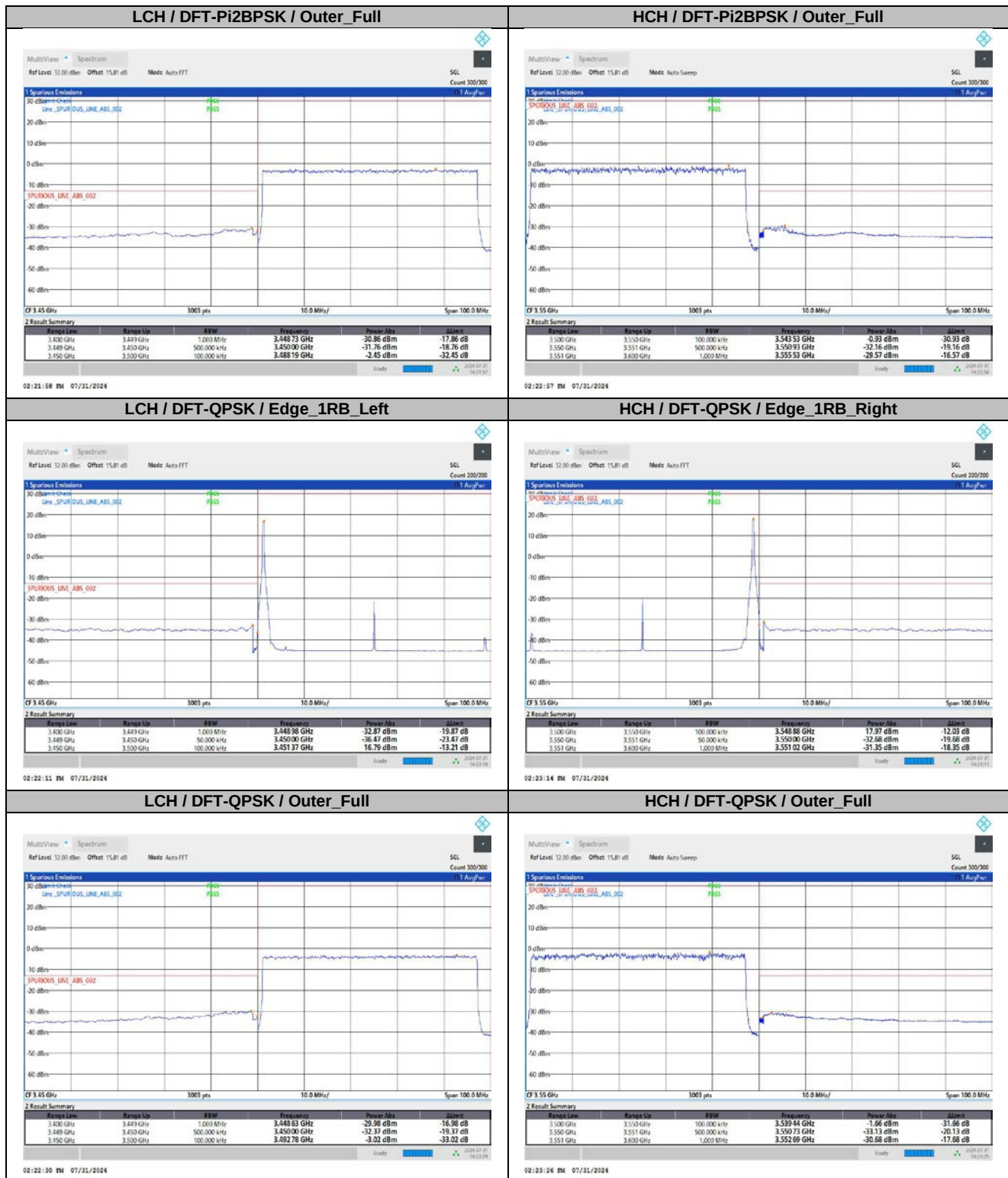
DC_41A_n78A / 30KHz / 50MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



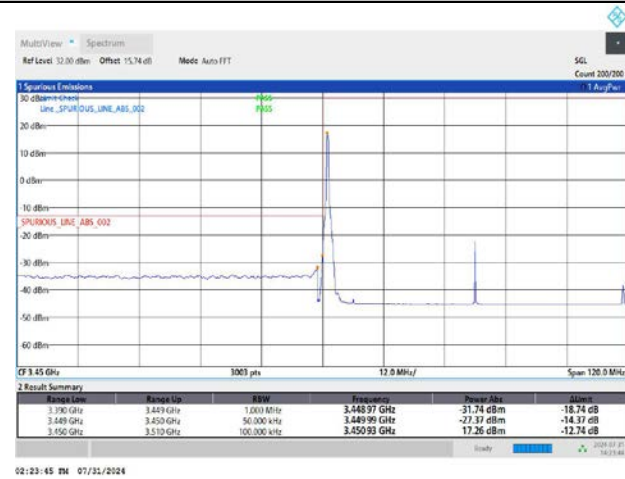
HCH / DFT-Pi2BPSK / Edge_1RB_Right



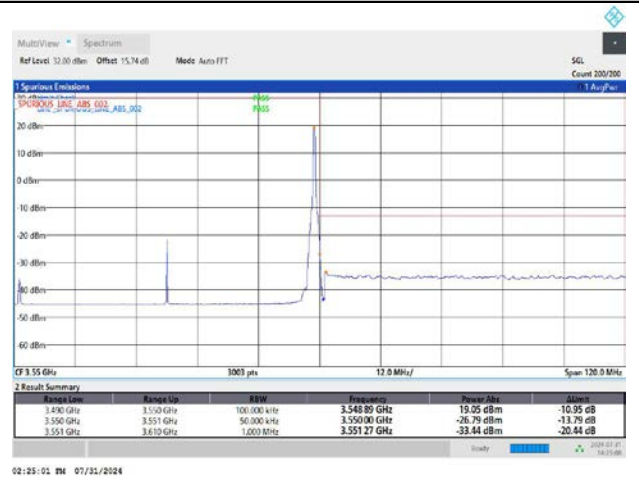


DC_41A_n78A / 30KHz / 60MHz

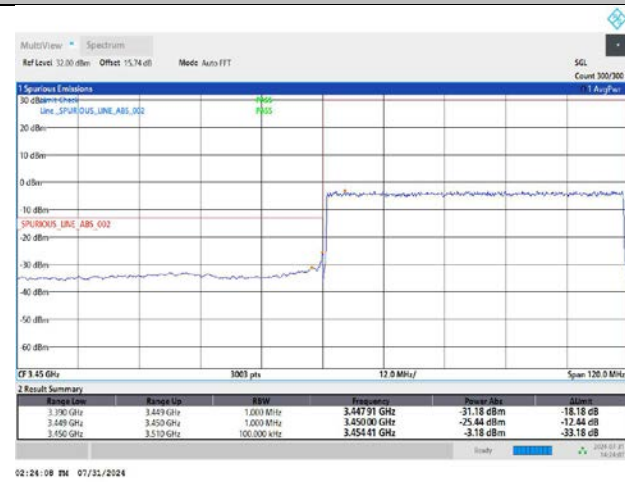
LCH / DFT-Pi2BPSK / Edge_1RB_Left



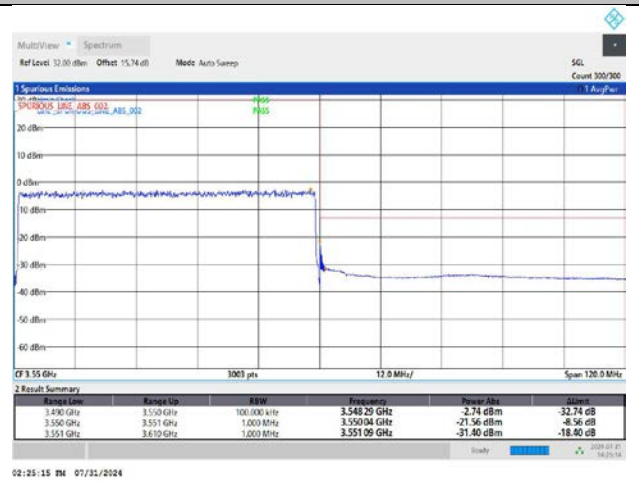
HCH / DFT-Pi2BPSK / Edge_1RB_Right



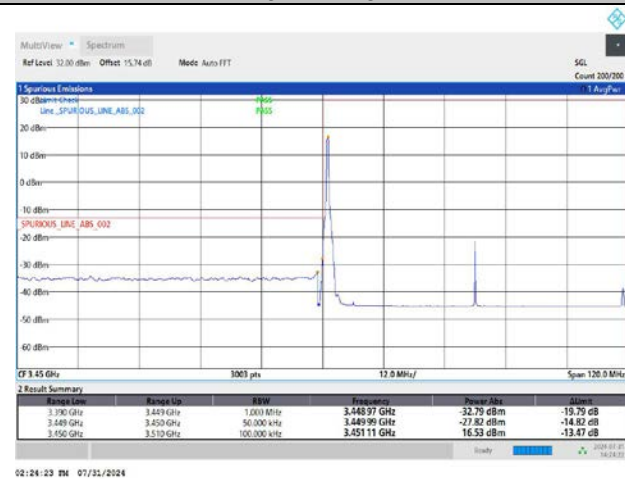
LCH / DFT-Pi2BPSK / Outer_Full



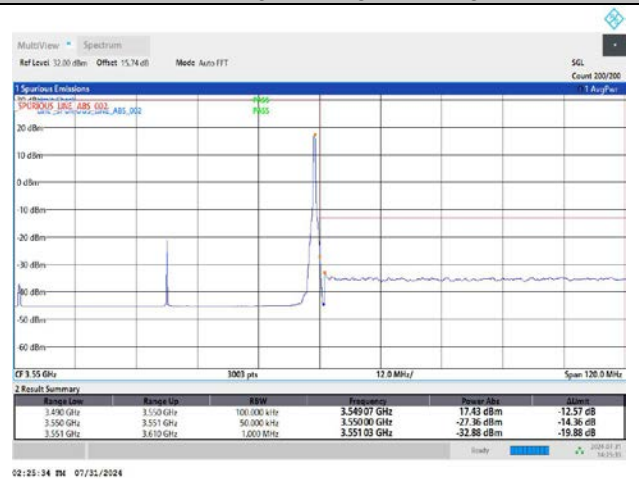
HCH / DFT-Pi2BPSK / Outer_Full



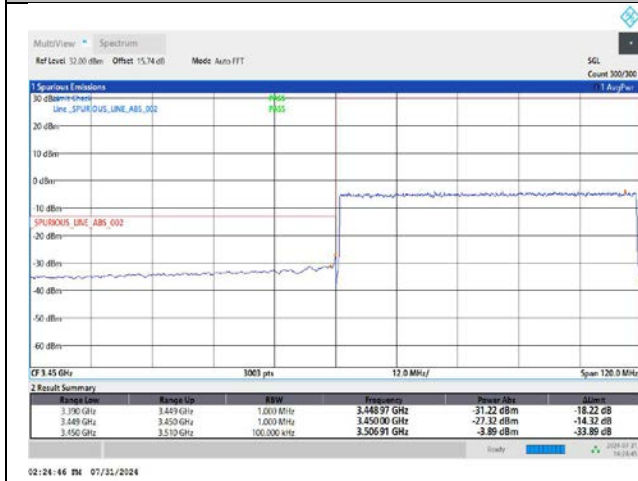
LCH / DFT-QPSK / Edge_1RB_Left



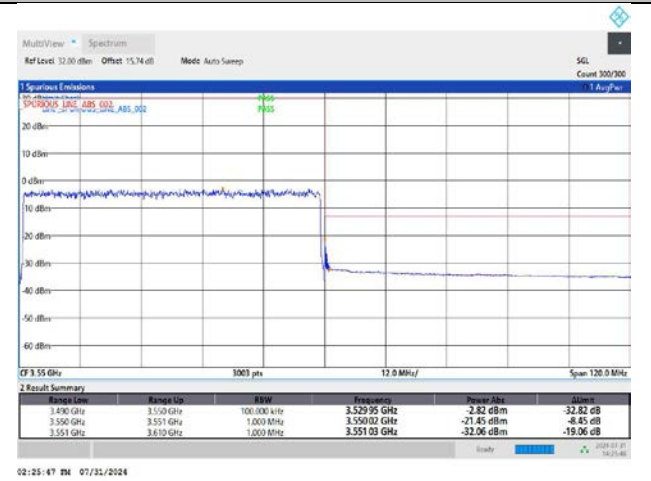
HCH / DFT-QPSK / Edge_1RB_Right



LCH / DFT-QPSK / Outer_Full

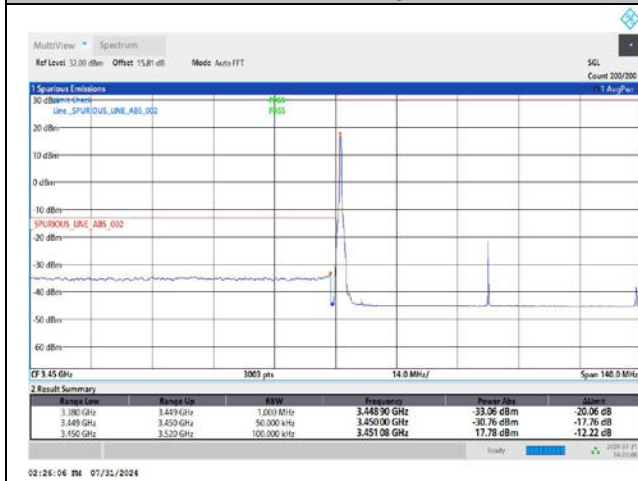


HCH / DFT-QPSK / Outer_Full

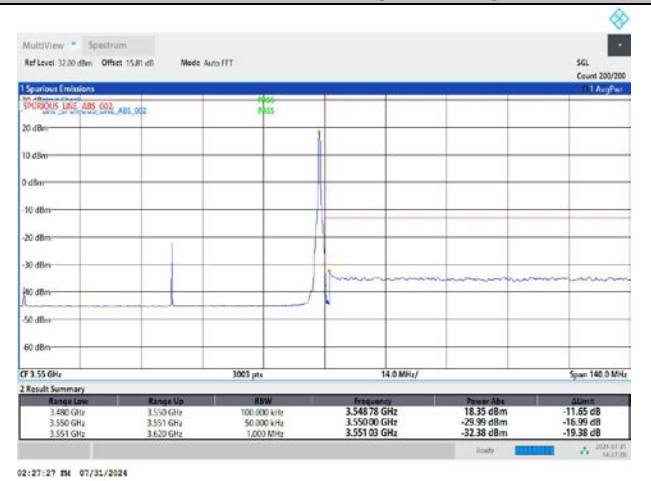


DC_41A_n78A / 30KHz / 70MHz

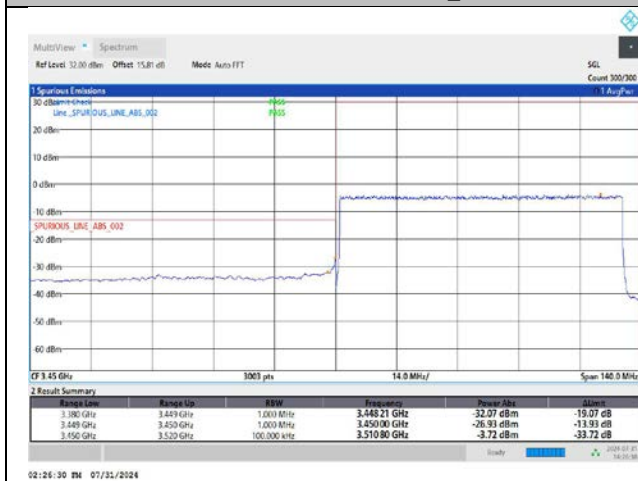
LCH / DFT-Pi2BPSK / Edge_1RB_Left



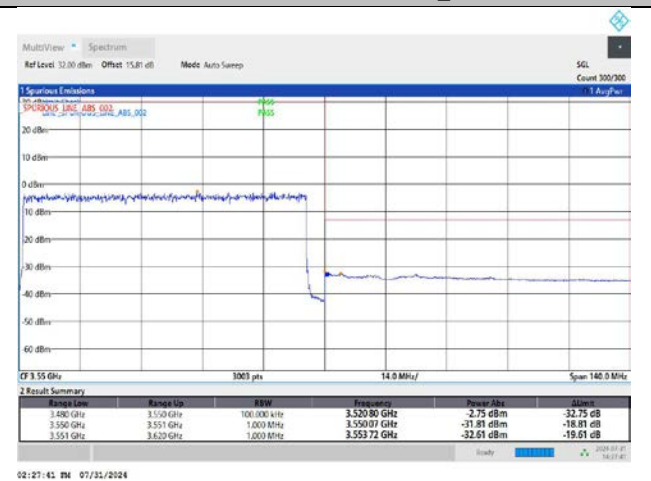
HCH / DFT-Pi2BPSK / Edge_1RB_Right



LCH / DFT-Pi2BPSK / Outer_Full



HCH / DFT-Pi2BPSK / Outer_Full



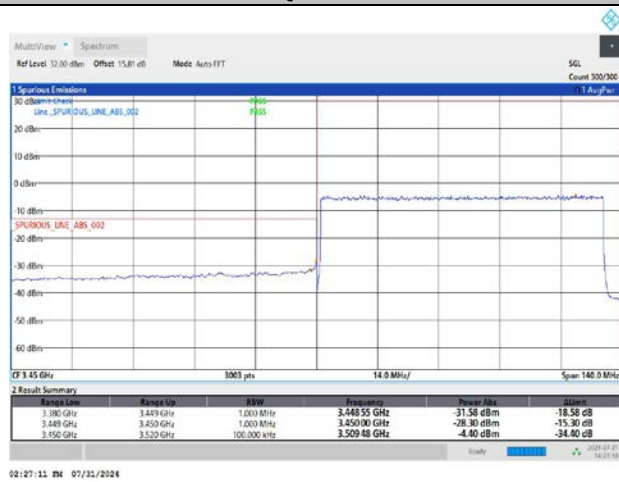
LCH / DFT-QPSK / Edge_1RB_Left



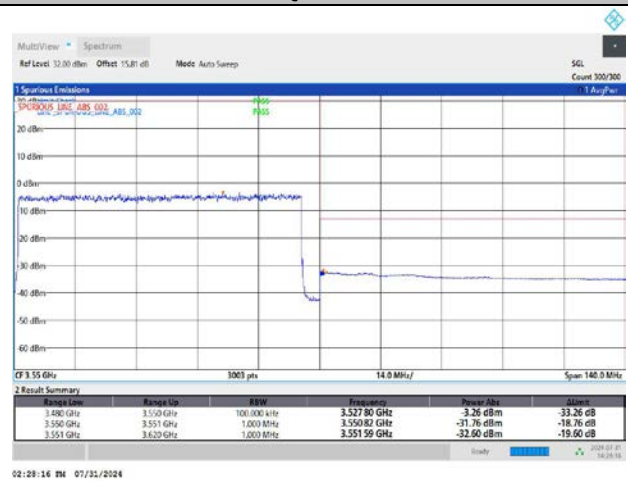
HCH / DFT-QPSK / Edge_1RB_Right



LCH / DFT-QPSK / Outer_Full

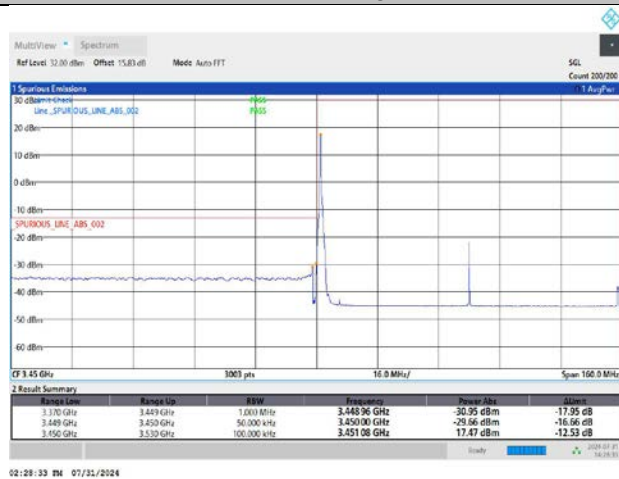


HCH / DFT-QPSK / Outer_Full

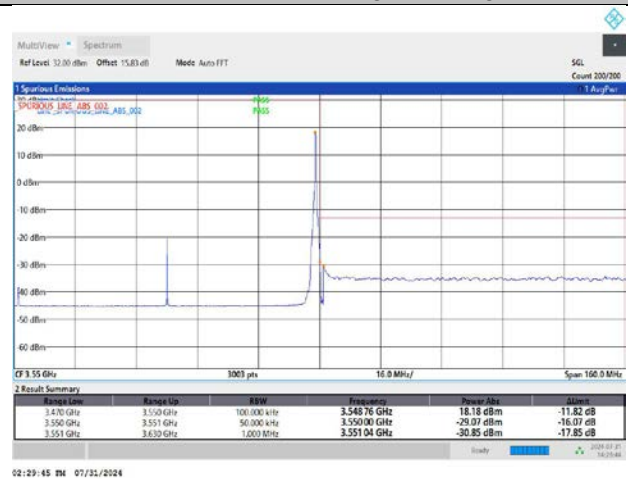


DC_41A_n78A / 30KHz / 80MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



HCH / DFT-Pi2BPSK / Edge_1RB_Right



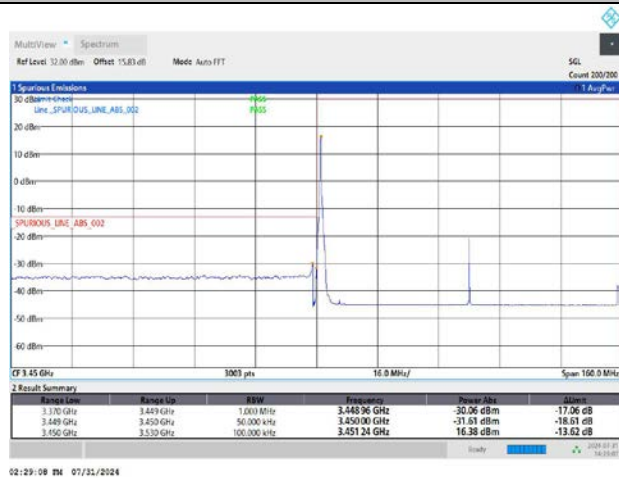
LCH / DFT-Pi2BPSK / Outer_Full



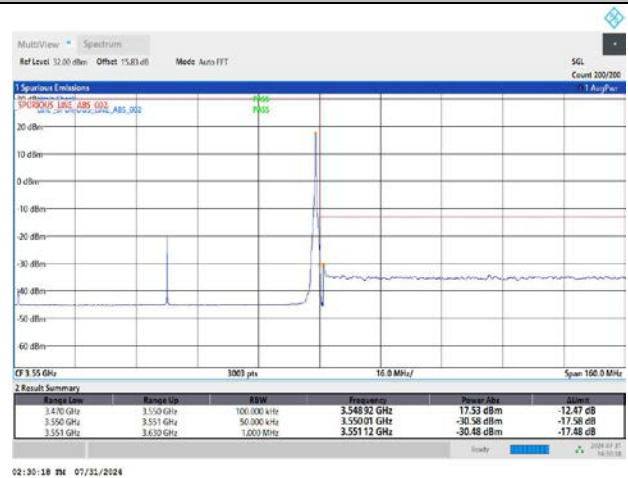
HCH / DFT-Pi2BPSK / Outer_Full



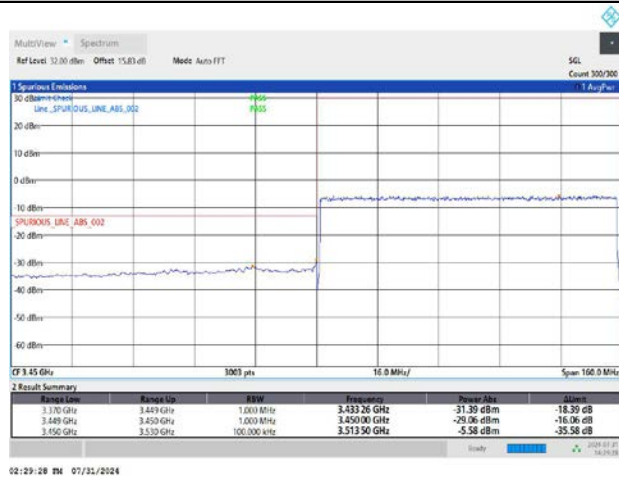
LCH / DFT-QPSK / Edge_1RB_Left



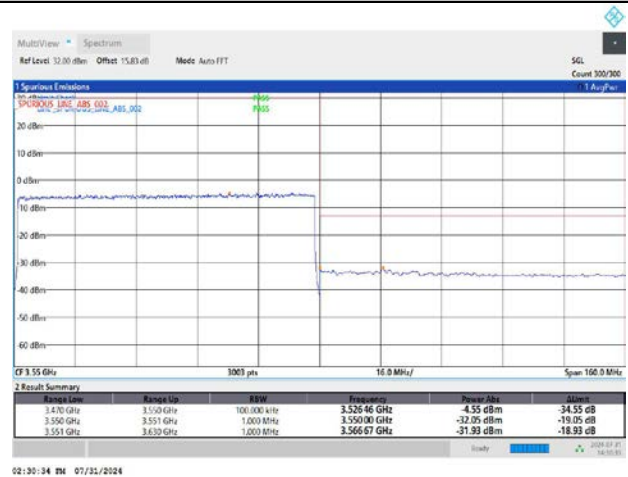
HCH / DFT-QPSK / Edge_1RB_Right



LCH / DFT-QPSK / Outer_Full

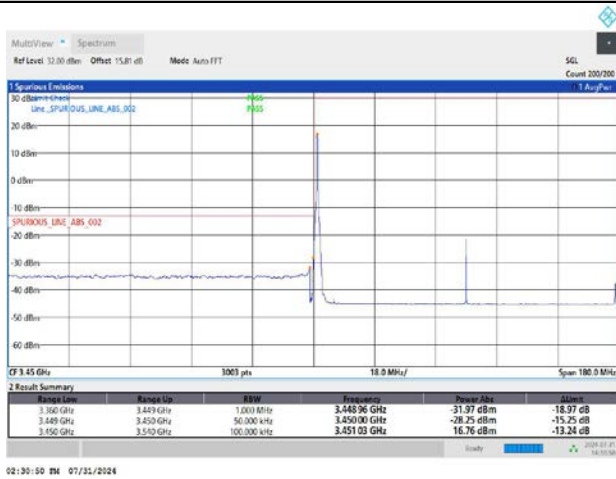


HCH / DFT-QPSK / Outer_Full

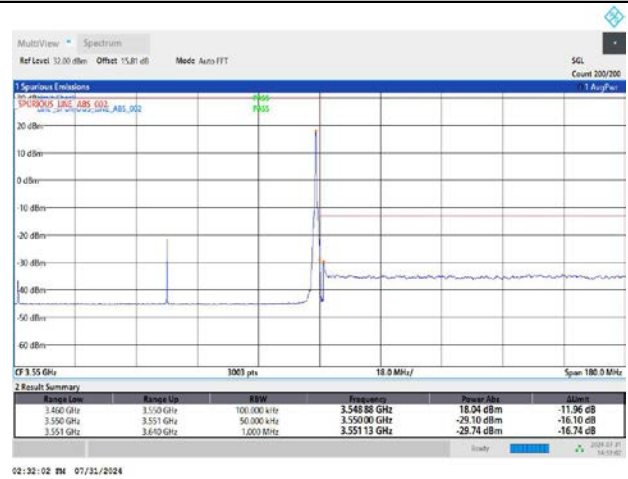


DC_41A_n78A / 30KHz / 90MHz

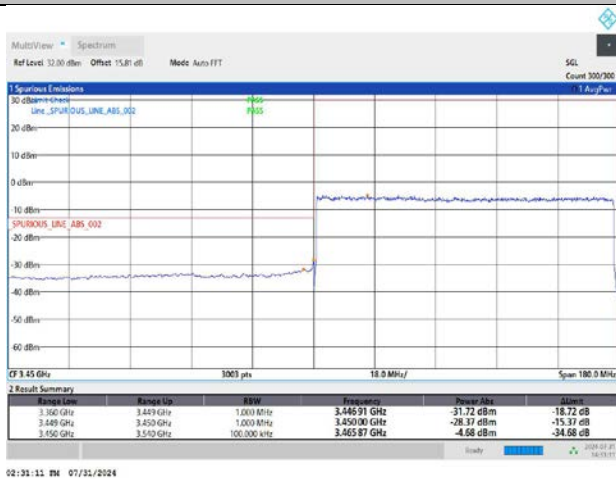
LCH / DFT-Pi2BPSK / Edge_1RB_Left



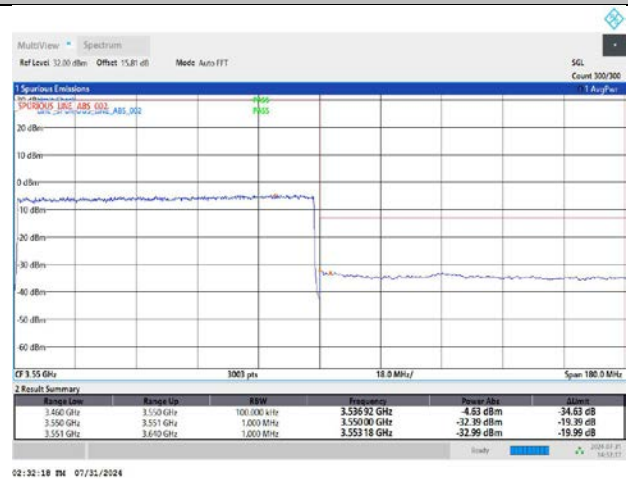
HCH / DFT-Pi2BPSK / Edge_1RB_Right



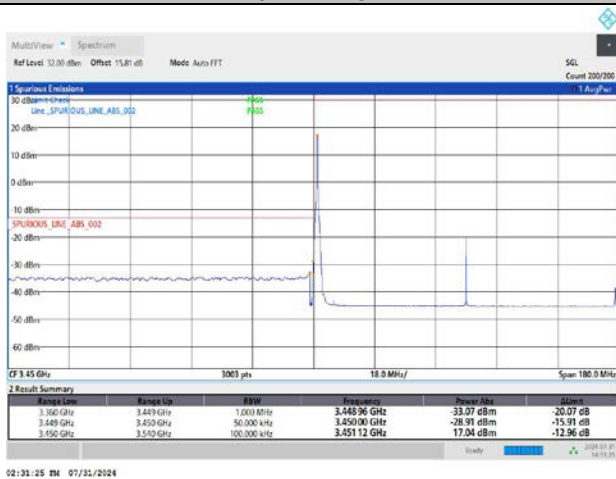
LCH / DFT-Pi2BPSK / Outer_Full



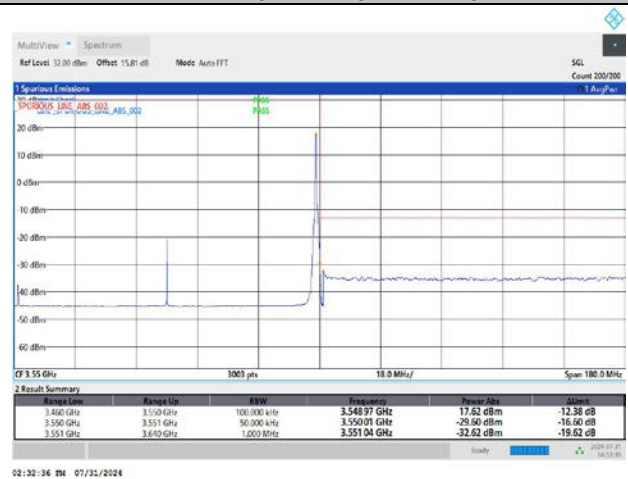
HCH / DFT-Pi2BPSK / Outer_Full



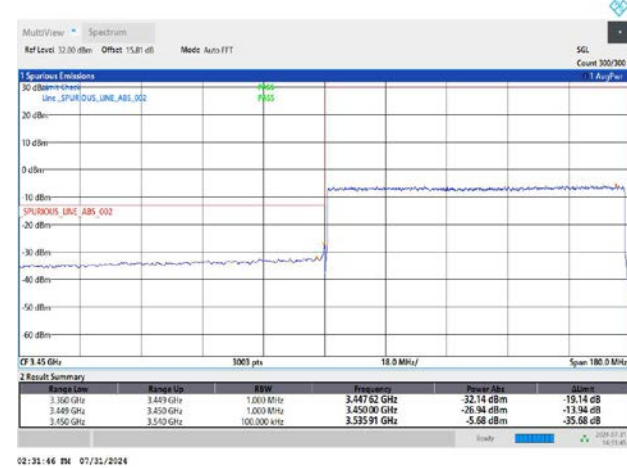
LCH / DFT-QPSK / Edge_1RB_Left



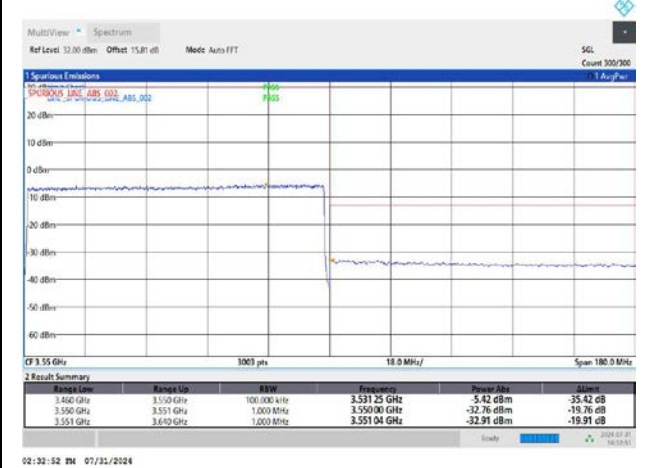
HCH / DFT-QPSK / Edge_1RB_Right



LCH / DFT-QPSK / Outer_Full

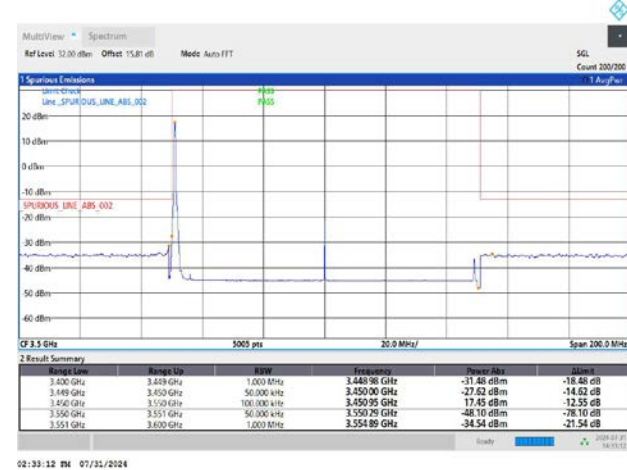


HCH / DFT-QPSK / Outer_Full

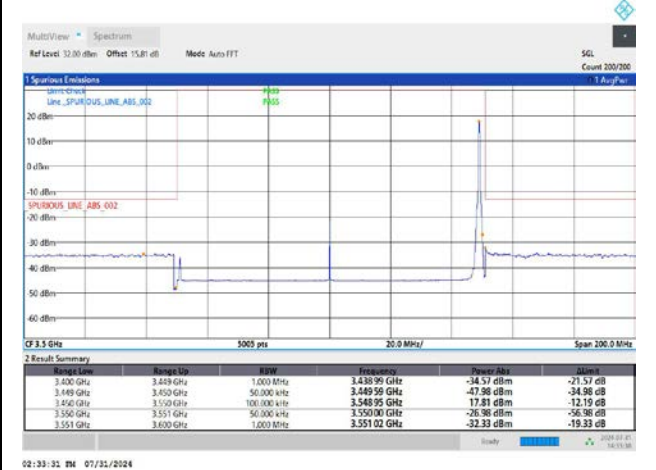


DC_41A_n78A / 30KHz / 100MHz

MCH / DFT-Pi2BPSK / Edge_1RB_Left



MCH / DFT-Pi2BPSK / Edge_1RB_Right



MCH / DFT-Pi2BPSK / Outer_Full



MCH / DFT-QPSK / Edge_1RB_Left

