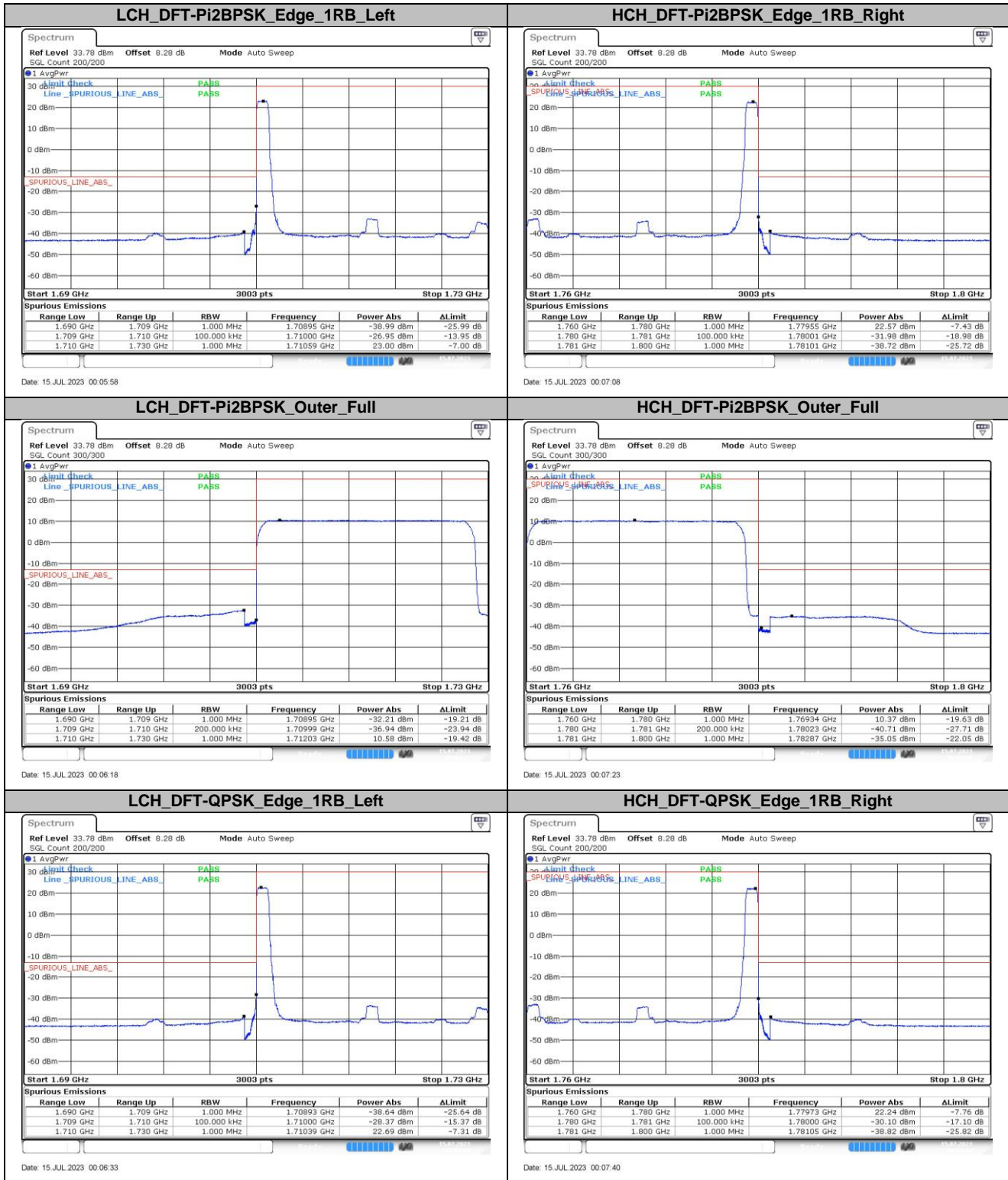
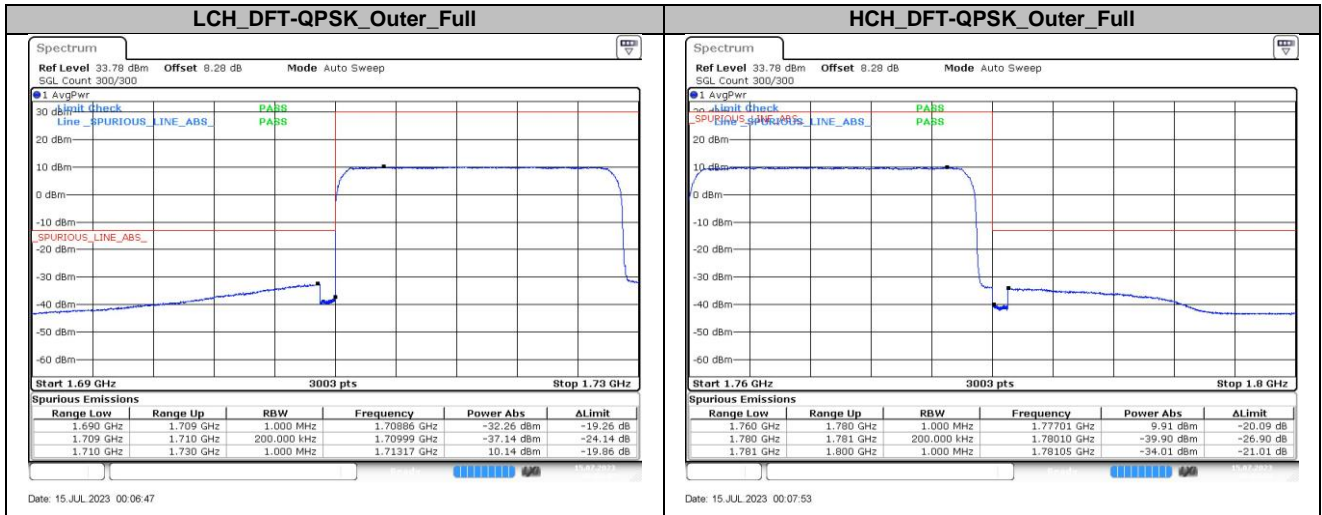
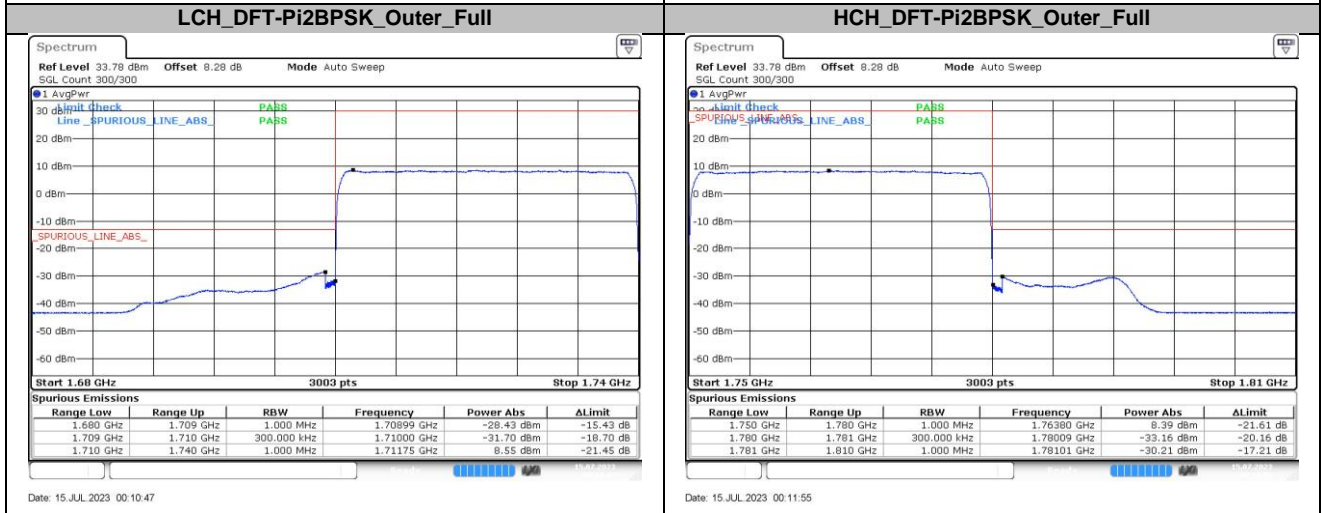
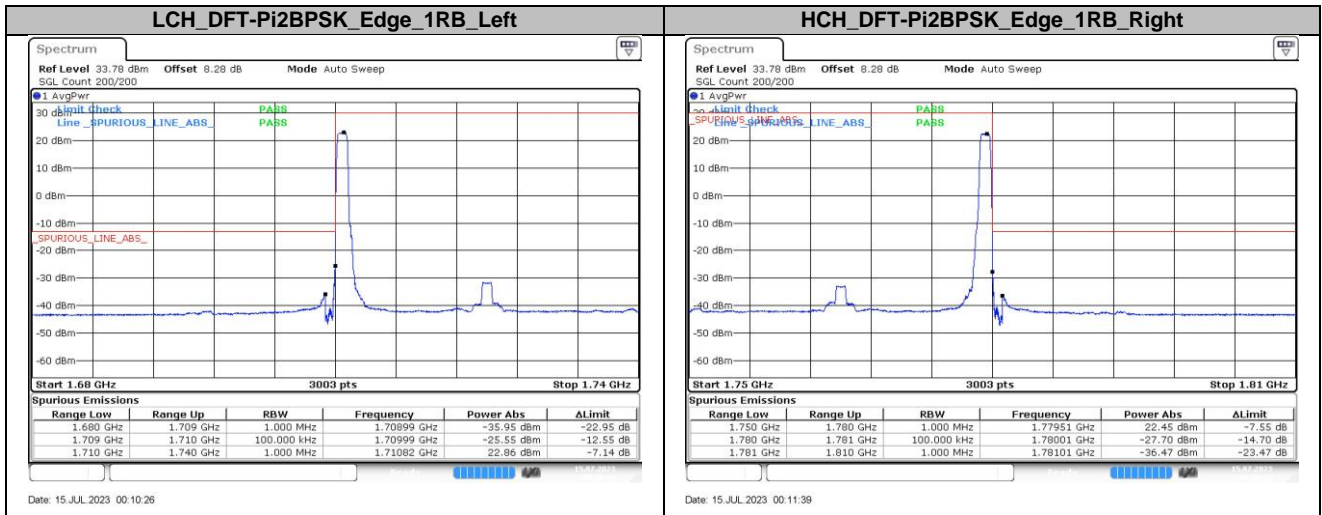


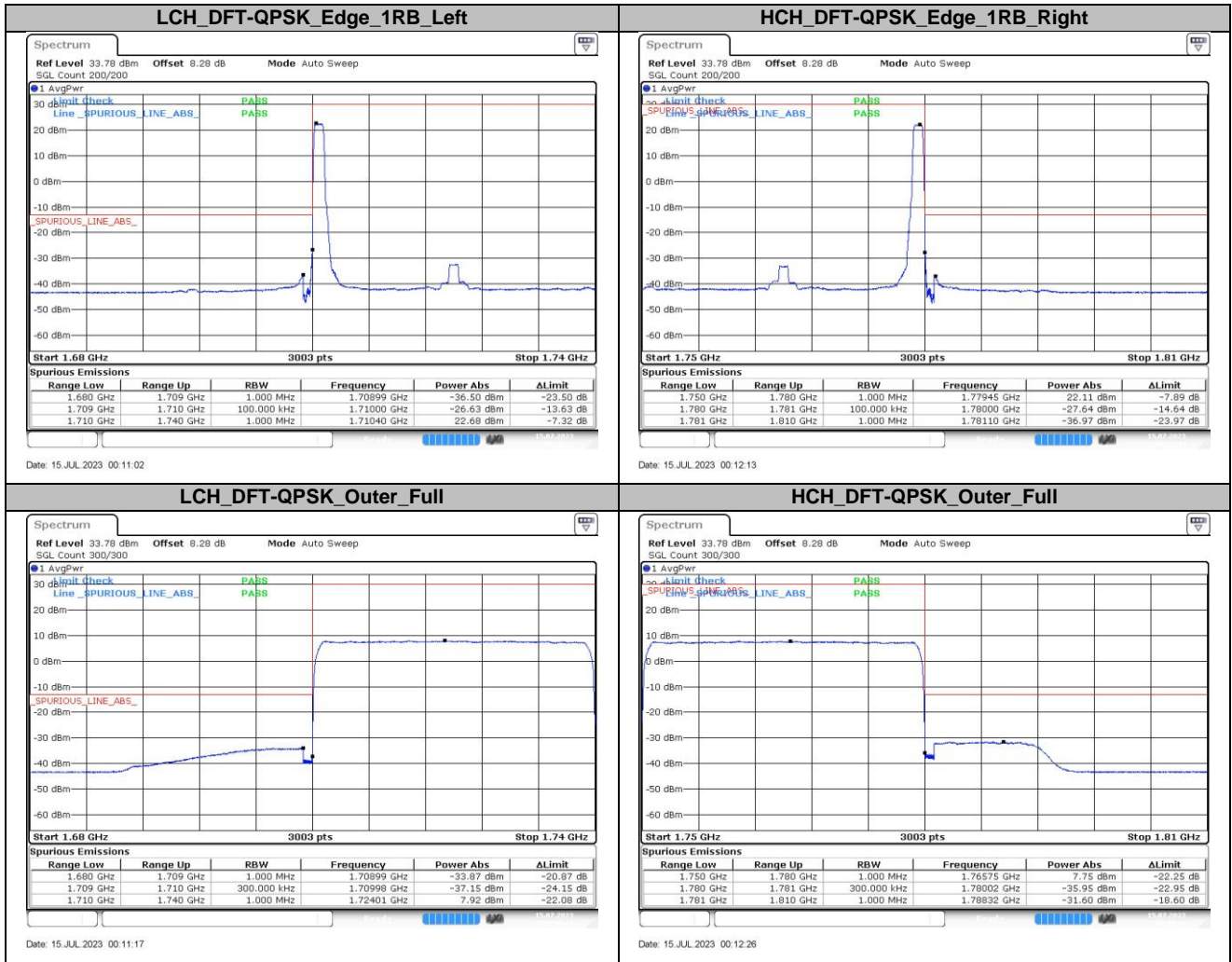
5.1.4. Bandwidth:20MHz



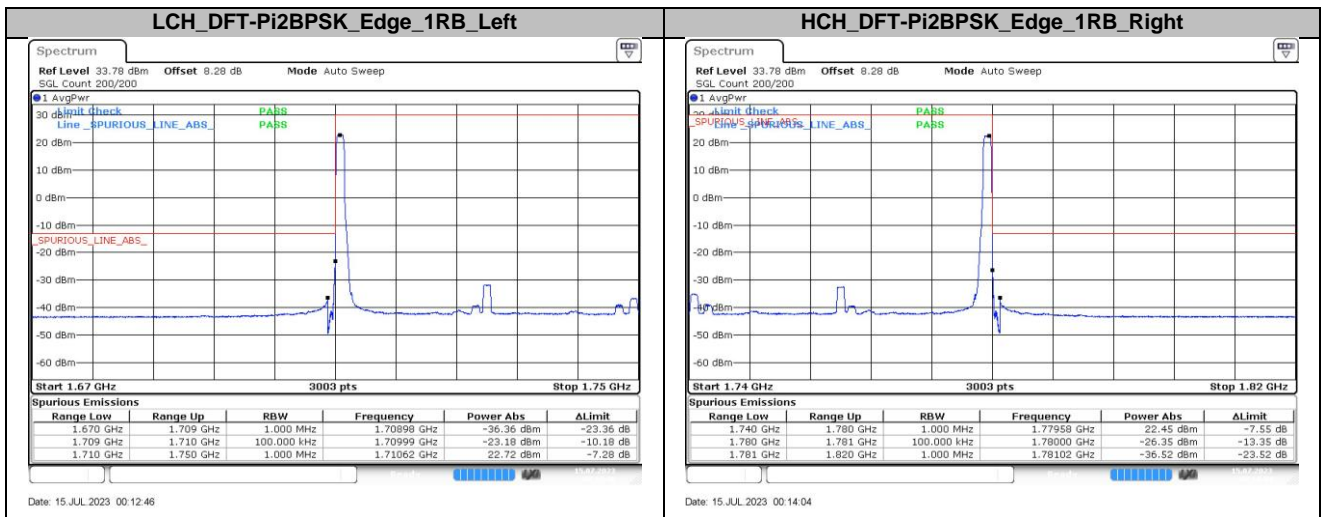


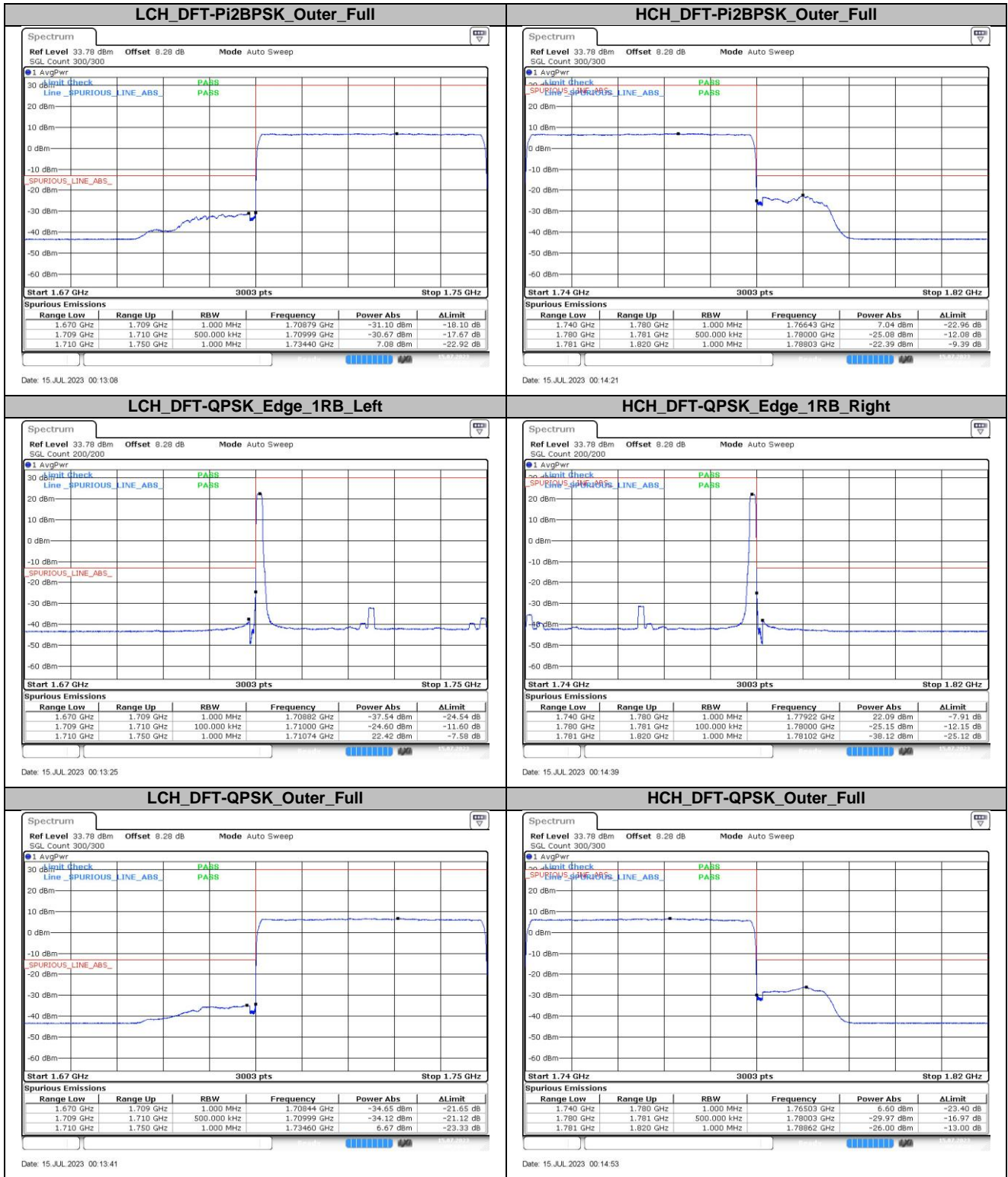
5.1.5. Bandwidth:30MHz





5.1.6. Bandwidth:40MHz

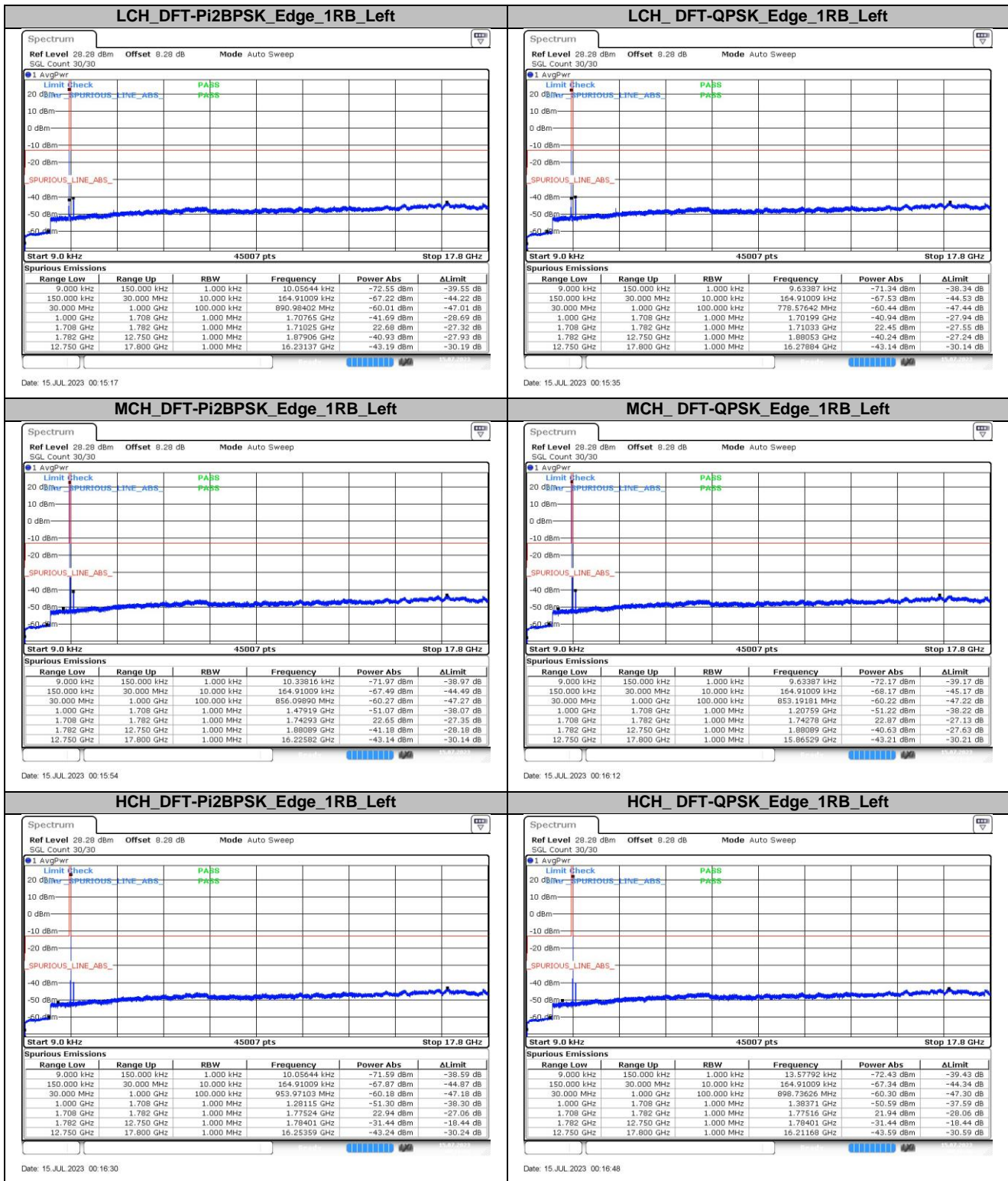




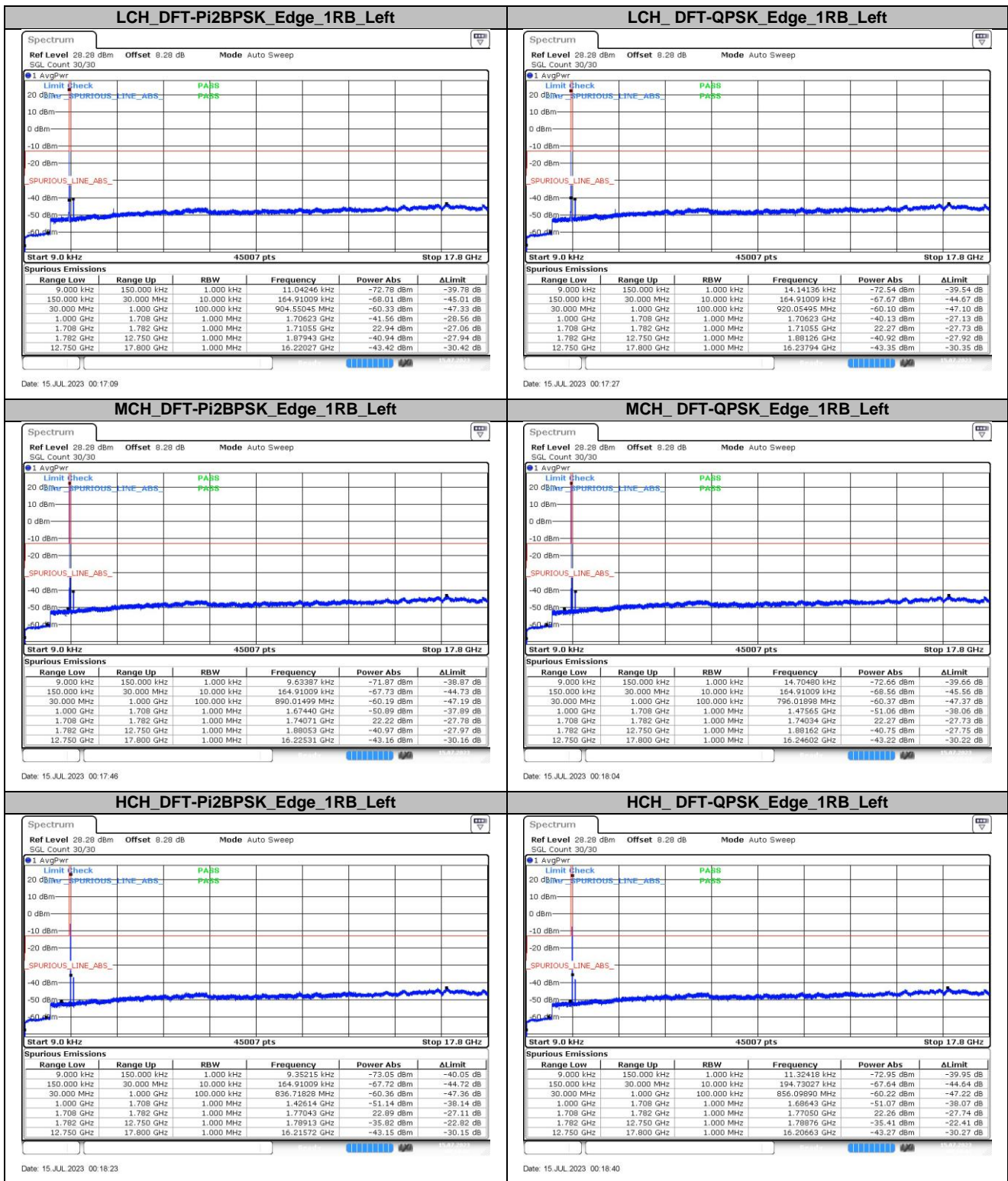
6. Conducted Spurious Emission

6.1. Test Plots

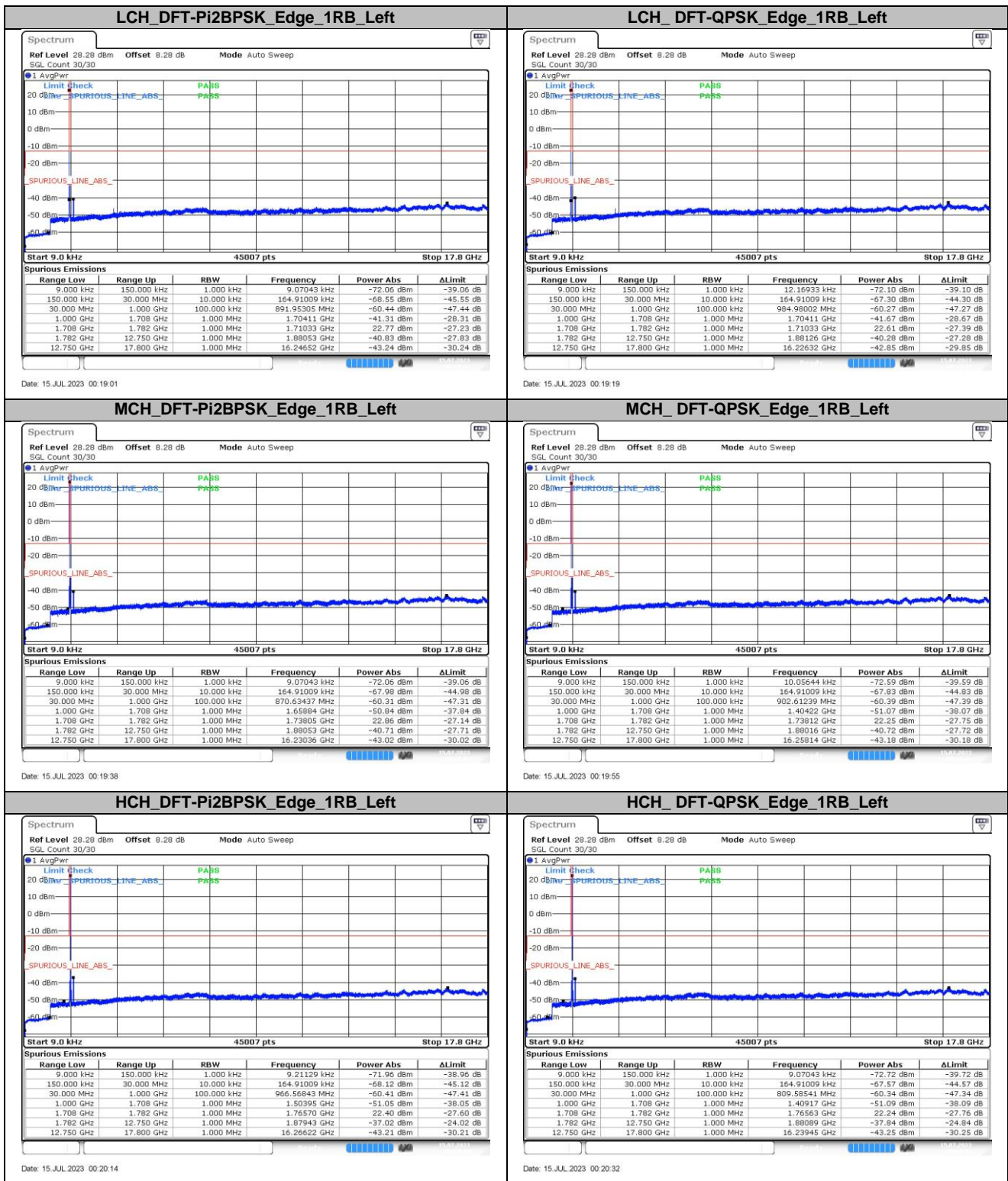
6.1.1. Bandwidth:5MHz



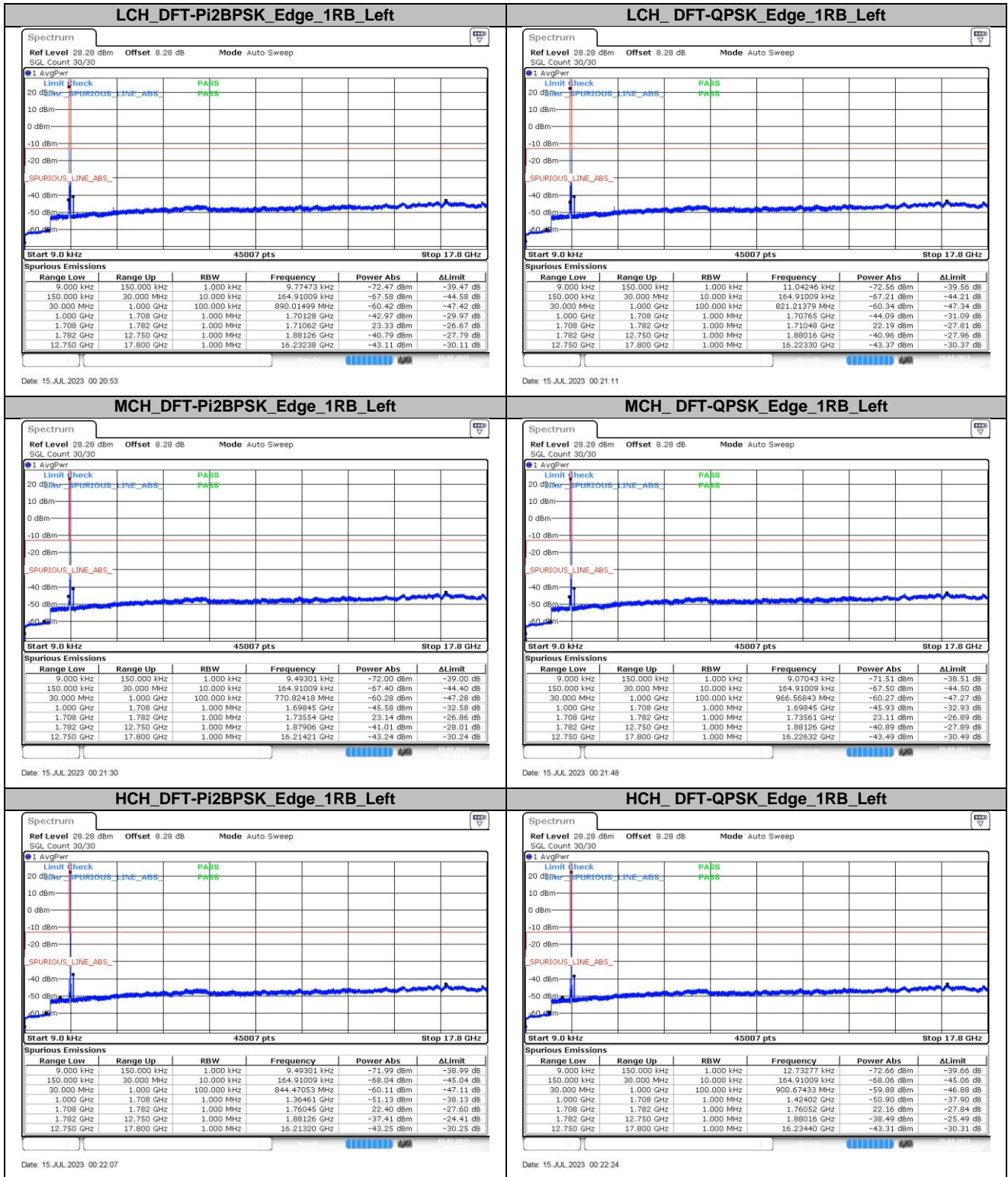
6.1.2. Bandwidth:10MHz



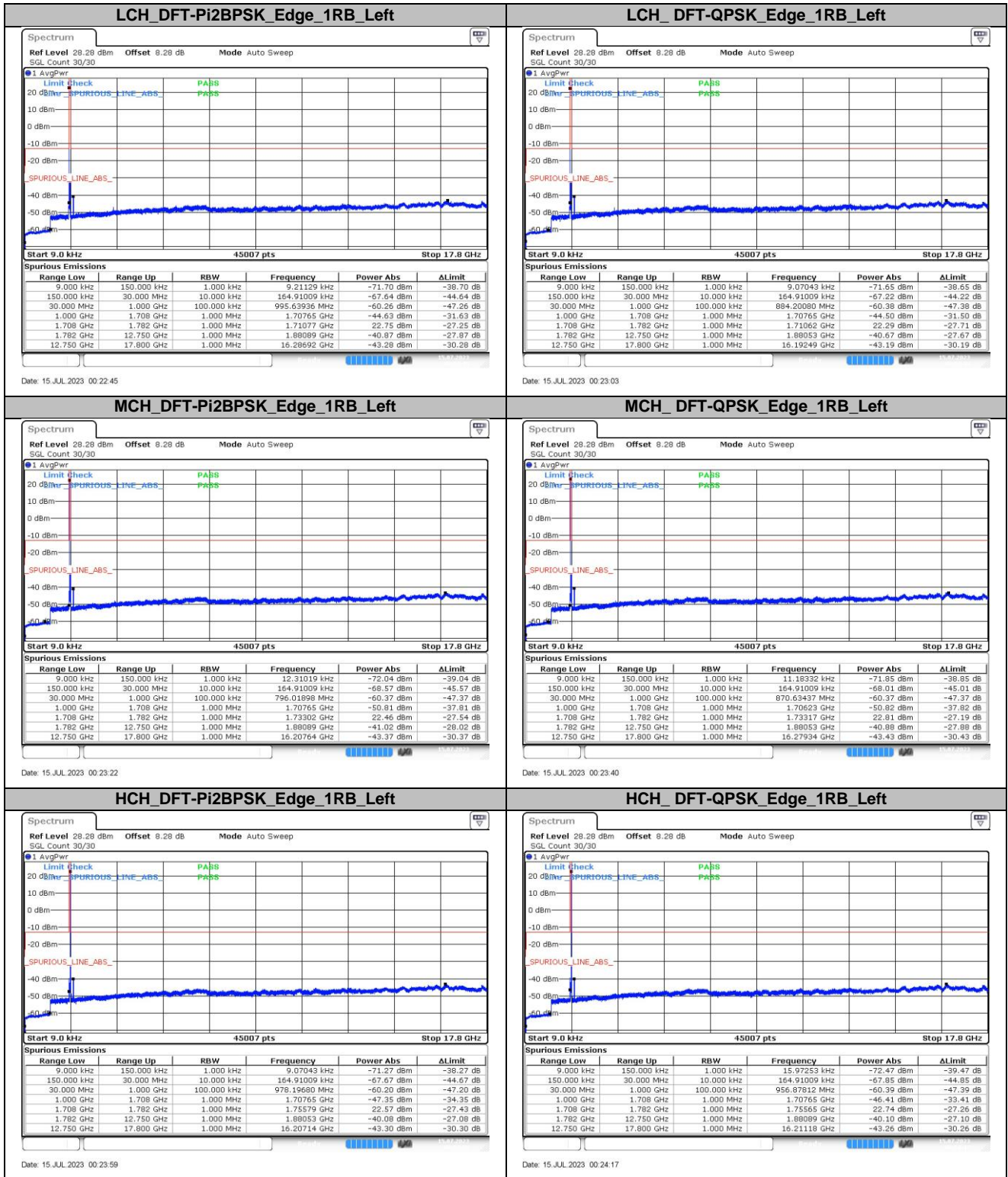
6.1.3. Bandwidth:15MHz



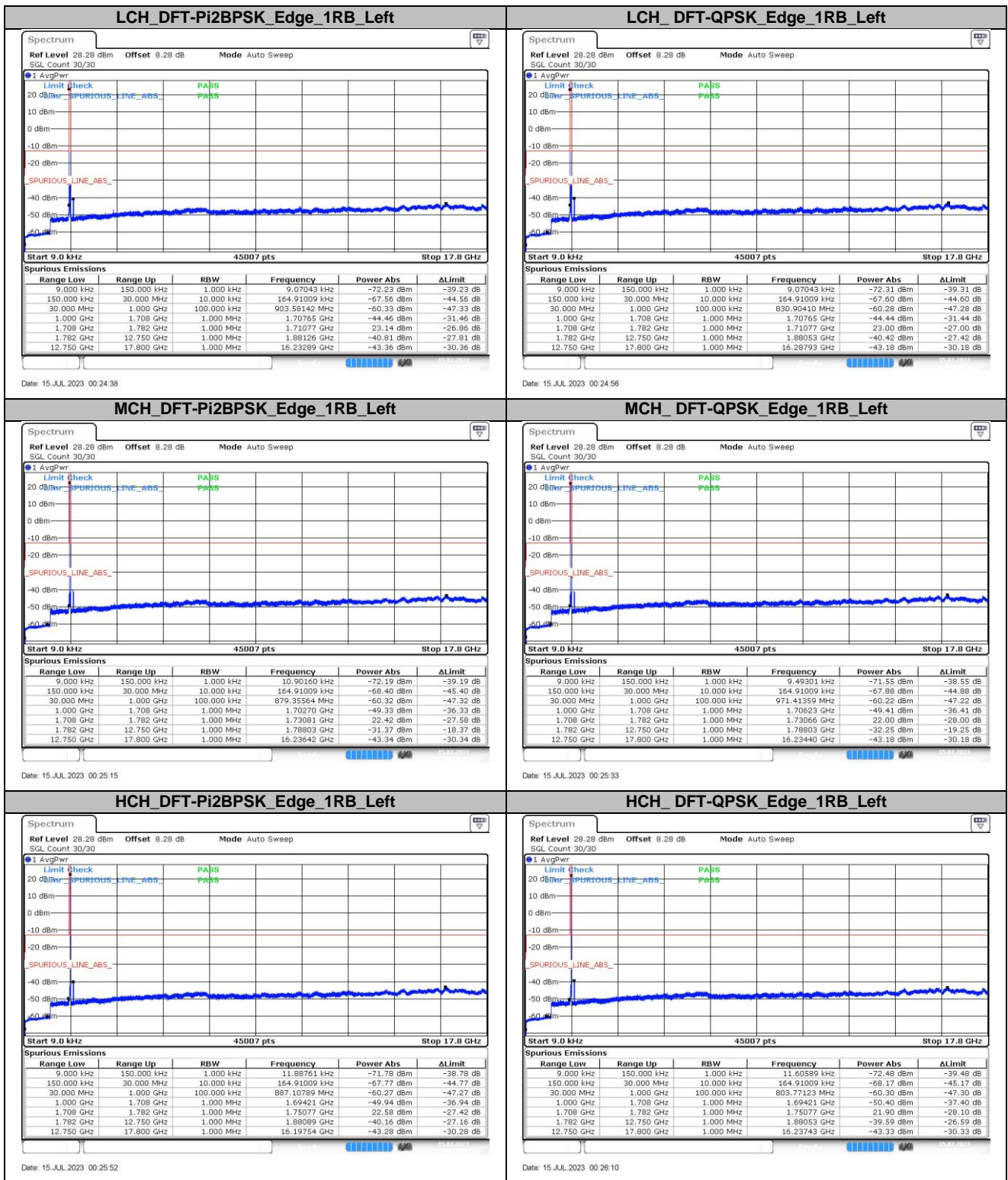
6.1.4. Bandwidth:20MHz



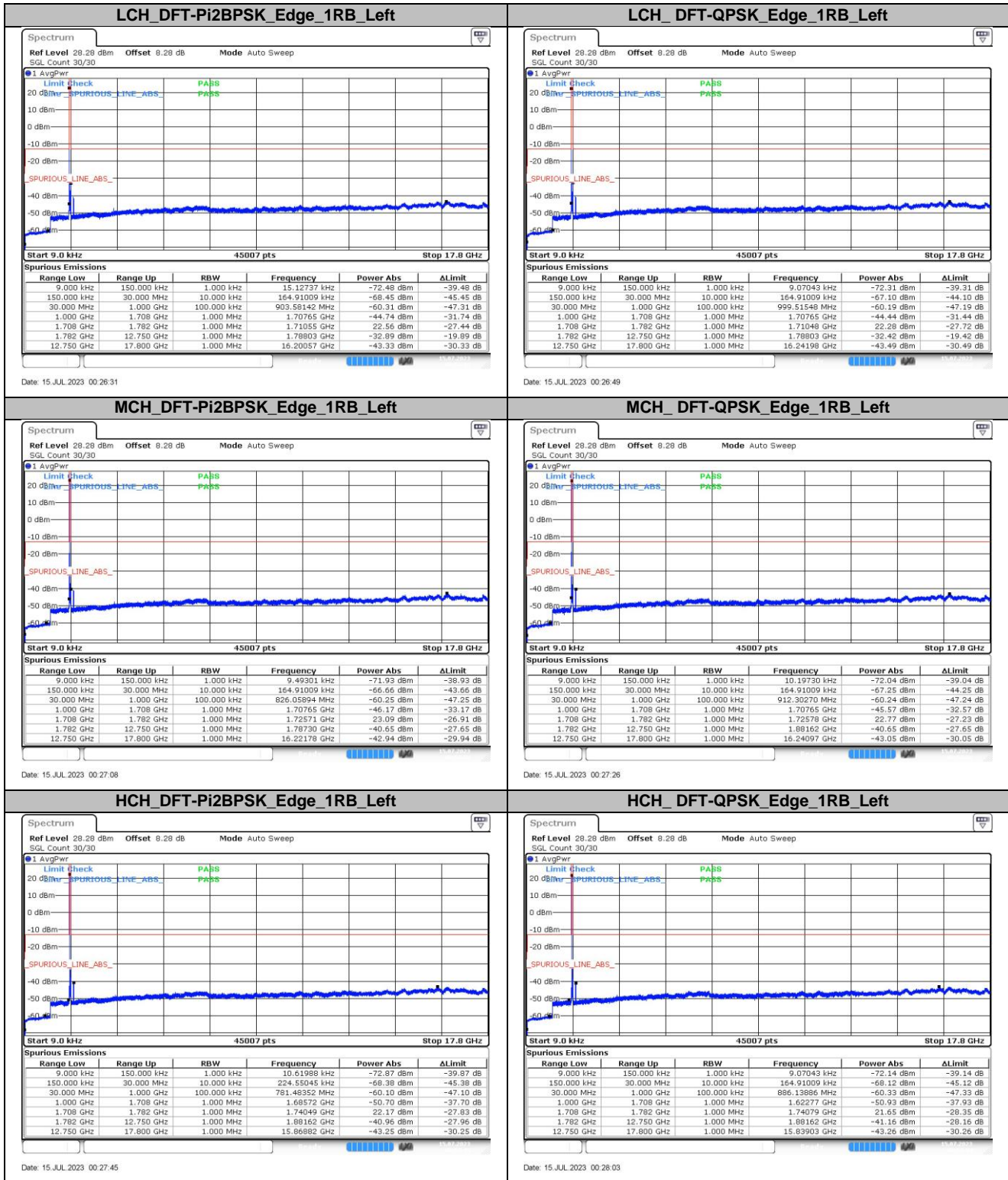
6.1.5. Bandwidth:25MHz



6.1.6. Bandwidth:30MHz



6.1.7. Bandwidth:40MHz



7. Frequency Stability

7.1. Test Results

7.1.1. Frequency Error Vs Voltage

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	0.20	0.000115	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	2.40	0.001375	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	0.30	0.000172	Pass

7.1.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	-0.30	-0.000172	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	0.80	0.000458	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	1.50	0.000860	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	2.60	0.001490	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	0.80	0.000458	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	0.40	0.000229	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	1.40	0.000802	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	1.40	0.000802	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	3.10	0.001777	Pass

The End

**Appendix
for
DC_41A_n77A
(3700-3980)**

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant4 (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	10MHz	LCH	DFT-Pi2BPSK	25.77	25.98	25.97	22.48	30.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	25.82	25.78	25.72	22.32	30.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	24.77	25.07	24.87	21.57	30.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	23.07	22.98	23.44	19.94	30.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	21.48	21.37	21.39	17.98	30.00	Pass
15KHz	10MHz	LCH	CP-QPSK	24.29	24.14	24.13	20.79	30.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	26.18	26.24	26.45	22.95	30.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	26.06	26.21	26.21	22.71	30.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	25.27	25.42	25.21	21.92	30.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	23.17	23.70	23.78	20.28	30.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	21.31	21.74	21.60	18.24	30.00	Pass
15KHz	10MHz	MCH	CP-QPSK	24.51	24.73	24.72	21.23	30.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	26.37	26.27	26.31	22.87	30.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	26.07	26.24	26.37	22.87	30.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	25.17	25.30	25.43	21.93	30.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	23.66	23.61	23.89	20.39	30.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	21.64	21.70	21.90	18.40	30.00	Pass
15KHz	10MHz	HCH	CP-QPSK	24.72	24.77	25.01	21.51	30.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	25.89	25.89	25.81	22.39	30.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	25.67	25.66	26.06	22.56	30.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	24.93	24.89	24.85	21.43	30.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	22.90	22.99	23.33	19.83	30.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	21.19	21.15	21.62	18.12	30.00	Pass
15KHz	15MHz	LCH	CP-QPSK	24.36	24.32	24.28	20.86	30.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	25.94	26.54	26.18	23.04	30.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	25.92	26.33	26.15	22.83	30.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	24.89	25.42	25.27	21.92	30.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	23.19	23.42	23.95	20.45	30.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	21.88	21.57	22.10	18.60	30.00	Pass
15KHz	15MHz	MCH	CP-QPSK	24.55	24.74	24.83	21.33	30.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	26.27	26.35	26.29	22.85	30.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	26.06	26.33	26.32	22.83	30.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	25.10	25.21	25.39	21.89	30.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	23.60	23.58	23.75	20.25	30.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	21.52	21.50	21.87	18.37	30.00	Pass
15KHz	15MHz	HCH	CP-QPSK	24.73	24.88	24.67	21.38	30.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	25.84	25.91	25.83	22.41	30.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	25.41	25.98	25.96	22.48	30.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	24.78	24.80	24.91	21.41	30.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	22.91	23.05	23.40	19.90	30.00	Pass
15KHz	20MHz	LCH	DFT-256QAM	21.18	21.13	21.52	18.02	30.00	Pass
15KHz	20MHz	LCH	CP-QPSK	24.17	24.46	24.48	20.98	30.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	26.31	26.40	26.05	22.90	30.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	26.02	26.38	26.17	22.88	30.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	25.16	25.29	25.23	21.79	30.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	23.18	23.67	23.65	20.17	30.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	21.33	21.80	21.58	18.30	30.00	Pass
15KHz	20MHz	MCH	CP-QPSK	24.54	24.90	24.56	21.40	30.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	26.19	26.30	26.07	22.80	30.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	26.19	26.34	26.34	22.84	30.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	25.08	25.30	25.27	21.80	30.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	23.37	23.71	24.06	20.56	30.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	21.64	21.90	21.81	18.40	30.00	Pass
15KHz	20MHz	HCH	CP-QPSK	24.79	24.72	24.72	21.29	30.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	25.71	25.90	26.02	22.52	30.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	25.73	25.75	25.68	22.25	30.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	24.82	24.84	24.86	21.36	30.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	22.90	23.22	23.28	19.78	30.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	20.91	21.18	21.46	17.96	30.00	Pass

15KHz	30MHz	LCH	CP-QPSK	24.16	24.17	24.19	20.69	30.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	25.91	26.42	26.36	22.92	30.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	25.86	26.29	26.00	22.79	30.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	24.95	25.36	25.14	21.86	30.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	22.92	23.77	23.61	20.27	30.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	21.44	21.97	21.54	18.47	30.00	Pass
15KHz	30MHz	MCH	CP-QPSK	24.38	24.73	24.68	21.23	30.00	Pass
15KHz	30MHz	HCH	DFT-Pi2BPSK	26.22	26.14	26.00	22.72	30.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	26.21	26.13	26.07	22.71	30.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	25.14	24.84	25.04	21.64	30.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	23.41	23.41	23.41	19.91	30.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	21.76	21.52	21.80	18.30	30.00	Pass
15KHz	30MHz	HCH	CP-QPSK	24.75	24.49	24.62	21.25	30.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	25.74	25.83	25.74	22.33	30.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	25.76	25.88	25.88	22.38	30.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	24.45	24.76	24.80	21.30	30.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	23.13	23.07	23.31	19.81	30.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	20.98	21.02	21.22	17.72	30.00	Pass
15KHz	40MHz	LCH	CP-QPSK	24.19	24.30	24.17	20.80	30.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	25.94	26.34	26.05	22.84	30.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	25.77	26.35	26.25	22.85	30.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	24.74	25.58	25.10	22.08	30.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	23.11	23.85	23.79	20.35	30.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	21.36	22.03	21.72	18.53	30.00	Pass
15KHz	40MHz	MCH	CP-QPSK	24.27	24.87	24.78	21.37	30.00	Pass
15KHz	40MHz	HCH	DFT-Pi2BPSK	26.52	26.15	26.20	23.02	30.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	26.28	25.92	26.23	22.78	30.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	25.37	25.22	25.12	21.87	30.00	Pass
15KHz	40MHz	HCH	DFT-64QAM	23.79	23.27	23.67	20.29	30.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	22.22	21.66	21.75	18.72	30.00	Pass
15KHz	40MHz	HCH	CP-QPSK	24.82	24.57	24.77	21.32	30.00	Pass
15KHz	50MHz	LCH	DFT-Pi2BPSK	25.69	26.01	25.82	22.51	30.00	Pass
15KHz	50MHz	LCH	DFT-QPSK	25.41	25.78	25.67	22.28	30.00	Pass
15KHz	50MHz	LCH	DFT-16QAM	24.69	24.80	24.83	21.33	30.00	Pass
15KHz	50MHz	LCH	DFT-64QAM	22.81	23.05	23.24	19.74	30.00	Pass
15KHz	50MHz	LCH	DFT-256QAM	20.98	21.36	21.43	17.93	30.00	Pass
15KHz	50MHz	LCH	CP-QPSK	24.22	24.29	24.41	20.91	30.00	Pass
15KHz	50MHz	MCH	DFT-Pi2BPSK	25.84	26.65	26.22	23.15	30.00	Pass
15KHz	50MHz	MCH	DFT-QPSK	25.85	26.47	26.14	22.97	30.00	Pass
15KHz	50MHz	MCH	DFT-16QAM	24.77	25.49	25.12	21.99	30.00	Pass
15KHz	50MHz	MCH	DFT-64QAM	23.02	23.62	23.88	20.38	30.00	Pass
15KHz	50MHz	MCH	DFT-256QAM	21.21	21.79	21.74	18.29	30.00	Pass
15KHz	50MHz	MCH	CP-QPSK	24.43	24.95	24.64	21.45	30.00	Pass
15KHz	50MHz	HCH	DFT-Pi2BPSK	26.44	25.98	26.24	22.94	30.00	Pass
15KHz	50MHz	HCH	DFT-QPSK	26.33	26.03	26.24	22.83	30.00	Pass
15KHz	50MHz	HCH	DFT-16QAM	25.26	24.73	25.30	21.80	30.00	Pass
15KHz	50MHz	HCH	DFT-64QAM	23.53	23.45	23.74	20.24	30.00	Pass
15KHz	50MHz	HCH	DFT-256QAM	21.77	21.44	21.75	18.27	30.00	Pass
15KHz	50MHz	HCH	CP-QPSK	24.69	24.55	24.67	21.19	30.00	Pass
30KHz	10MHz	LCH	DFT-Pi2BPSK	25.92	25.60	25.76	22.42	30.00	Pass
30KHz	10MHz	LCH	DFT-QPSK	25.71	25.77	25.76	22.27	30.00	Pass
30KHz	10MHz	LCH	DFT-16QAM	24.79	24.68	24.70	21.29	30.00	Pass
30KHz	10MHz	LCH	DFT-64QAM	23.30	23.27	23.15	19.80	30.00	Pass
30KHz	10MHz	LCH	DFT-256QAM	20.93	21.20	21.64	18.14	30.00	Pass
30KHz	10MHz	LCH	CP-QPSK	23.99	24.16	24.48	20.98	30.00	Pass
30KHz	10MHz	MCH	DFT-Pi2BPSK	26.02	26.60	26.24	23.10	30.00	Pass
30KHz	10MHz	MCH	DFT-QPSK	25.98	26.32	26.09	22.82	30.00	Pass
30KHz	10MHz	MCH	DFT-16QAM	24.83	25.21	24.97	21.71	30.00	Pass
30KHz	10MHz	MCH	DFT-64QAM	23.39	23.72	23.65	20.22	30.00	Pass
30KHz	10MHz	MCH	DFT-256QAM	21.82	21.92	22.14	18.64	30.00	Pass
30KHz	10MHz	MCH	CP-QPSK	24.64	24.76	24.96	21.46	30.00	Pass
30KHz	10MHz	HCH	DFT-Pi2BPSK	26.39	26.29	26.52	23.02	30.00	Pass
30KHz	10MHz	HCH	DFT-QPSK	26.45	26.29	26.54	23.04	30.00	Pass
30KHz	10MHz	HCH	DFT-16QAM	25.03	25.40	25.50	22.00	30.00	Pass

30KHz	10MHz	HCH	DFT-64QAM	23.90	23.92	23.94	20.44	30.00	Pass
30KHz	10MHz	HCH	DFT-256QAM	22.24	22.34	22.05	18.84	30.00	Pass
30KHz	10MHz	HCH	CP-QPSK	24.79	24.76	24.61	21.29	30.00	Pass
30KHz	15MHz	LCH	DFT-Pi2BPSK	25.69	25.76	25.89	22.39	30.00	Pass
30KHz	15MHz	LCH	DFT-QPSK	25.85	25.62	26.10	22.60	30.00	Pass
30KHz	15MHz	LCH	DFT-16QAM	24.54	24.51	25.07	21.57	30.00	Pass
30KHz	15MHz	LCH	DFT-64QAM	23.37	23.48	23.53	20.03	30.00	Pass
30KHz	15MHz	LCH	DFT-256QAM	21.61	21.42	21.49	18.11	30.00	Pass
30KHz	15MHz	LCH	CP-QPSK	24.16	24.39	24.27	20.89	30.00	Pass
30KHz	15MHz	MCH	DFT-Pi2BPSK	26.10	26.50	26.15	23.00	30.00	Pass
30KHz	15MHz	MCH	DFT-QPSK	26.18	26.54	26.39	23.04	30.00	Pass
30KHz	15MHz	MCH	DFT-16QAM	25.35	25.32	25.20	21.85	30.00	Pass
30KHz	15MHz	MCH	DFT-64QAM	23.66	24.23	23.67	20.73	30.00	Pass
30KHz	15MHz	MCH	DFT-256QAM	21.71	22.30	21.71	18.80	30.00	Pass
30KHz	15MHz	MCH	CP-QPSK	24.65	24.97	24.86	21.47	30.00	Pass
30KHz	15MHz	HCH	DFT-Pi2BPSK	26.42	26.30	26.50	23.00	30.00	Pass
30KHz	15MHz	HCH	DFT-QPSK	26.38	26.30	26.47	22.97	30.00	Pass
30KHz	15MHz	HCH	DFT-16QAM	25.05	25.05	25.35	21.85	30.00	Pass
30KHz	15MHz	HCH	DFT-64QAM	23.80	23.85	23.73	20.35	30.00	Pass
30KHz	15MHz	HCH	DFT-256QAM	22.02	22.23	21.65	18.73	30.00	Pass
30KHz	15MHz	HCH	CP-QPSK	24.73	24.69	24.51	21.23	30.00	Pass
30KHz	20MHz	LCH	DFT-Pi2BPSK	25.74	25.90	25.94	22.44	30.00	Pass
30KHz	20MHz	LCH	DFT-QPSK	25.70	25.79	25.99	22.49	30.00	Pass
30KHz	20MHz	LCH	DFT-16QAM	24.70	24.84	24.99	21.49	30.00	Pass
30KHz	20MHz	LCH	DFT-64QAM	23.37	23.29	23.57	20.07	30.00	Pass
30KHz	20MHz	LCH	DFT-256QAM	21.68	21.70	21.59	18.20	30.00	Pass
30KHz	20MHz	LCH	CP-QPSK	24.49	24.63	24.34	21.13	30.00	Pass
30KHz	20MHz	MCH	DFT-Pi2BPSK	25.89	26.56	26.52	23.06	30.00	Pass
30KHz	20MHz	MCH	DFT-QPSK	25.86	26.43	26.34	22.93	30.00	Pass
30KHz	20MHz	MCH	DFT-16QAM	24.92	25.20	25.02	21.70	30.00	Pass
30KHz	20MHz	MCH	DFT-64QAM	23.50	24.17	23.92	20.67	30.00	Pass
30KHz	20MHz	MCH	DFT-256QAM	22.03	22.21	22.07	18.71	30.00	Pass
30KHz	20MHz	MCH	CP-QPSK	24.66	24.98	24.88	21.48	30.00	Pass
30KHz	20MHz	HCH	DFT-Pi2BPSK	26.46	26.57	26.24	23.07	30.00	Pass
30KHz	20MHz	HCH	DFT-QPSK	26.19	26.30	26.33	22.83	30.00	Pass
30KHz	20MHz	HCH	DFT-16QAM	24.82	25.06	25.27	21.77	30.00	Pass
30KHz	20MHz	HCH	DFT-64QAM	23.69	23.69	23.67	20.19	30.00	Pass
30KHz	20MHz	HCH	DFT-256QAM	21.76	21.89	21.76	18.39	30.00	Pass
30KHz	20MHz	HCH	CP-QPSK	24.69	24.87	24.87	21.37	30.00	Pass
30KHz	30MHz	LCH	DFT-Pi2BPSK	25.73	26.03	25.59	22.53	30.00	Pass
30KHz	30MHz	LCH	DFT-QPSK	25.99	25.63	25.57	22.49	30.00	Pass
30KHz	30MHz	LCH	DFT-16QAM	24.58	25.17	24.74	21.67	30.00	Pass
30KHz	30MHz	LCH	DFT-64QAM	23.16	23.23	23.46	19.96	30.00	Pass
30KHz	30MHz	LCH	DFT-256QAM	21.63	21.69	21.66	18.19	30.00	Pass
30KHz	30MHz	LCH	CP-QPSK	24.23	24.41	24.32	20.91	30.00	Pass
30KHz	30MHz	MCH	DFT-Pi2BPSK	25.40	26.53	26.33	23.03	30.00	Pass
30KHz	30MHz	MCH	DFT-QPSK	25.94	26.44	26.11	22.94	30.00	Pass
30KHz	30MHz	MCH	DFT-16QAM	24.89	25.28	25.19	21.78	30.00	Pass
30KHz	30MHz	MCH	DFT-64QAM	23.50	24.03	23.84	20.53	30.00	Pass
30KHz	30MHz	MCH	DFT-256QAM	21.60	22.49	21.85	18.99	30.00	Pass
30KHz	30MHz	MCH	CP-QPSK	24.71	24.51	24.94	21.44	30.00	Pass
30KHz	30MHz	HCH	DFT-Pi2BPSK	26.17	26.09	26.24	22.74	30.00	Pass
30KHz	30MHz	HCH	DFT-QPSK	26.33	26.06	26.27	22.83	30.00	Pass
30KHz	30MHz	HCH	DFT-16QAM	24.89	25.20	25.25	21.75	30.00	Pass
30KHz	30MHz	HCH	DFT-64QAM	24.05	23.52	23.78	20.55	30.00	Pass
30KHz	30MHz	HCH	DFT-256QAM	22.21	22.06	21.92	18.71	30.00	Pass
30KHz	30MHz	HCH	CP-QPSK	24.78	24.57	24.73	21.28	30.00	Pass
30KHz	40MHz	LCH	DFT-Pi2BPSK	25.74	25.87	25.98	22.48	30.00	Pass
30KHz	40MHz	LCH	DFT-QPSK	25.88	25.51	25.69	22.38	30.00	Pass
30KHz	40MHz	LCH	DFT-16QAM	24.87	24.89	24.79	21.39	30.00	Pass
30KHz	40MHz	LCH	DFT-64QAM	23.37	23.48	23.35	19.98	30.00	Pass
30KHz	40MHz	LCH	DFT-256QAM	21.45	21.58	21.43	18.08	30.00	Pass
30KHz	40MHz	LCH	CP-QPSK	24.18	24.39	24.48	20.98	30.00	Pass
30KHz	40MHz	MCH	DFT-Pi2BPSK	25.99	26.62	25.99	23.12	30.00	Pass

30KHz	40MHz	MCH	DFT-QPSK	25.90	26.32	26.25	22.82	30.00	Pass
30KHz	40MHz	MCH	DFT-16QAM	24.47	25.32	25.23	21.82	30.00	Pass
30KHz	40MHz	MCH	DFT-64QAM	23.61	23.76	23.80	20.30	30.00	Pass
30KHz	40MHz	MCH	DFT-256QAM	21.77	21.84	21.99	18.49	30.00	Pass
30KHz	40MHz	MCH	CP-QPSK	24.34	24.95	24.50	21.45	30.00	Pass
30KHz	40MHz	HCH	DFT-Pi2BPSK	26.41	26.28	26.34	22.91	30.00	Pass
30KHz	40MHz	HCH	DFT-QPSK	26.12	25.81	26.34	22.84	30.00	Pass
30KHz	40MHz	HCH	DFT-16QAM	25.32	25.19	25.40	21.90	30.00	Pass
30KHz	40MHz	HCH	DFT-64QAM	24.15	23.56	23.61	20.65	30.00	Pass
30KHz	40MHz	HCH	DFT-256QAM	22.02	22.10	21.97	18.60	30.00	Pass
30KHz	40MHz	HCH	CP-QPSK	24.88	24.76	24.81	21.38	30.00	Pass
30KHz	50MHz	LCH	DFT-Pi2BPSK	25.77	25.64	25.63	22.27	30.00	Pass
30KHz	50MHz	LCH	DFT-QPSK	25.80	26.04	25.72	22.54	30.00	Pass
30KHz	50MHz	LCH	DFT-16QAM	24.17	24.84	24.91	21.41	30.00	Pass
30KHz	50MHz	LCH	DFT-64QAM	23.27	23.13	23.01	19.77	30.00	Pass
30KHz	50MHz	LCH	DFT-256QAM	21.22	21.58	21.75	18.25	30.00	Pass
30KHz	50MHz	LCH	CP-QPSK	24.11	24.19	24.35	20.85	30.00	Pass
30KHz	50MHz	MCH	DFT-Pi2BPSK	25.65	26.74	26.01	23.24	30.00	Pass
30KHz	50MHz	MCH	DFT-QPSK	25.86	26.61	26.30	23.11	30.00	Pass
30KHz	50MHz	MCH	DFT-16QAM	24.78	25.40	25.32	21.90	30.00	Pass
30KHz	50MHz	MCH	DFT-64QAM	23.57	24.34	23.80	20.84	30.00	Pass
30KHz	50MHz	MCH	DFT-256QAM	21.62	21.83	22.08	18.58	30.00	Pass
30KHz	50MHz	MCH	CP-QPSK	24.51	24.94	25.03	21.53	30.00	Pass
30KHz	50MHz	HCH	DFT-Pi2BPSK	26.33	26.18	26.26	22.83	30.00	Pass
30KHz	50MHz	HCH	DFT-QPSK	26.53	26.09	26.35	23.03	30.00	Pass
30KHz	50MHz	HCH	DFT-16QAM	25.27	24.97	25.26	21.77	30.00	Pass
30KHz	50MHz	HCH	DFT-64QAM	23.98	23.54	23.89	20.48	30.00	Pass
30KHz	50MHz	HCH	DFT-256QAM	22.27	21.87	22.00	18.77	30.00	Pass
30KHz	50MHz	HCH	CP-QPSK	24.95	24.58	24.71	21.45	30.00	Pass
30KHz	60MHz	LCH	DFT-Pi2BPSK	25.71	26.11	25.91	22.61	30.00	Pass
30KHz	60MHz	LCH	DFT-QPSK	25.70	25.75	25.86	22.36	30.00	Pass
30KHz	60MHz	LCH	DFT-16QAM	24.58	24.68	24.75	21.25	30.00	Pass
30KHz	60MHz	LCH	DFT-64QAM	23.06	23.33	23.42	19.92	30.00	Pass
30KHz	60MHz	LCH	DFT-256QAM	21.52	21.80	21.71	18.30	30.00	Pass
30KHz	60MHz	LCH	CP-QPSK	24.28	24.36	24.58	21.08	30.00	Pass
30KHz	60MHz	MCH	DFT-Pi2BPSK	25.99	26.51	25.97	23.01	30.00	Pass
30KHz	60MHz	MCH	DFT-QPSK	25.94	26.60	25.83	23.10	30.00	Pass
30KHz	60MHz	MCH	DFT-16QAM	25.10	25.20	25.23	21.73	30.00	Pass
30KHz	60MHz	MCH	DFT-64QAM	23.34	24.07	23.99	20.57	30.00	Pass
30KHz	60MHz	MCH	DFT-256QAM	21.66	22.35	21.39	18.85	30.00	Pass
30KHz	60MHz	MCH	CP-QPSK	24.51	25.07	24.75	21.57	30.00	Pass
30KHz	60MHz	HCH	DFT-Pi2BPSK	26.57	26.25	26.30	23.07	30.00	Pass
30KHz	60MHz	HCH	DFT-QPSK	26.35	26.00	26.61	23.11	30.00	Pass
30KHz	60MHz	HCH	DFT-16QAM	25.40	24.99	25.49	21.99	30.00	Pass
30KHz	60MHz	HCH	DFT-64QAM	23.81	23.60	23.95	20.45	30.00	Pass
30KHz	60MHz	HCH	DFT-256QAM	22.19	22.09	22.04	18.69	30.00	Pass
30KHz	60MHz	HCH	CP-QPSK	24.50	24.61	25.01	21.51	30.00	Pass
30KHz	70MHz	LCH	DFT-Pi2BPSK	25.67	26.04	25.88	22.54	30.00	Pass
30KHz	70MHz	LCH	DFT-QPSK	25.60	25.97	25.99	22.49	30.00	Pass
30KHz	70MHz	LCH	DFT-16QAM	24.54	24.89	25.02	21.52	30.00	Pass
30KHz	70MHz	LCH	DFT-64QAM	23.14	23.53	23.62	20.12	30.00	Pass
30KHz	70MHz	LCH	DFT-256QAM	21.44	21.65	21.58	18.15	30.00	Pass
30KHz	70MHz	LCH	CP-QPSK	24.04	24.58	24.17	21.08	30.00	Pass
30KHz	70MHz	MCH	DFT-Pi2BPSK	25.97	26.30	26.34	22.84	30.00	Pass
30KHz	70MHz	MCH	DFT-QPSK	25.73	26.37	26.37	22.87	30.00	Pass
30KHz	70MHz	MCH	DFT-16QAM	25.06	25.63	25.35	22.13	30.00	Pass
30KHz	70MHz	MCH	DFT-64QAM	23.49	23.85	23.94	20.44	30.00	Pass
30KHz	70MHz	MCH	DFT-256QAM	21.47	22.43	21.93	18.93	30.00	Pass
30KHz	70MHz	MCH	CP-QPSK	23.97	24.82	24.89	21.39	30.00	Pass
30KHz	70MHz	HCH	DFT-Pi2BPSK	26.38	26.38	26.82	23.32	30.00	Pass
30KHz	70MHz	HCH	DFT-QPSK	26.05	26.07	26.56	23.06	30.00	Pass
30KHz	70MHz	HCH	DFT-16QAM	24.68	24.91	25.57	22.07	30.00	Pass
30KHz	70MHz	HCH	DFT-64QAM	23.59	23.74	24.10	20.60	30.00	Pass
30KHz	70MHz	HCH	DFT-256QAM	22.08	21.79	22.27	18.77	30.00	Pass

30KHz	70MHz	HCH	CP-QPSK	24.57	24.73	25.18	21.68	30.00	Pass
30KHz	80MHz	LCH	DFT-Pi2BPSK	25.55	26.25	26.01	22.75	30.00	Pass
30KHz	80MHz	LCH	DFT-QPSK	25.58	26.04	25.75	22.54	30.00	Pass
30KHz	80MHz	LCH	DFT-16QAM	24.55	24.92	24.94	21.44	30.00	Pass
30KHz	80MHz	LCH	DFT-64QAM	23.26	23.78	23.22	20.28	30.00	Pass
30KHz	80MHz	LCH	DFT-256QAM	21.54	21.97	21.64	18.47	30.00	Pass
30KHz	80MHz	LCH	CP-QPSK	24.35	24.64	24.37	21.14	30.00	Pass
30KHz	80MHz	MCH	DFT-Pi2BPSK	26.01	26.28	26.19	22.78	30.00	Pass
30KHz	80MHz	MCH	DFT-QPSK	25.96	26.58	26.35	23.08	30.00	Pass
30KHz	80MHz	MCH	DFT-16QAM	24.59	25.19	24.84	21.69	30.00	Pass
30KHz	80MHz	MCH	DFT-64QAM	23.32	23.67	23.79	20.29	30.00	Pass
30KHz	80MHz	MCH	DFT-256QAM	21.82	22.00	21.85	18.50	30.00	Pass
30KHz	80MHz	MCH	CP-QPSK	24.38	24.83	24.77	21.33	30.00	Pass
30KHz	80MHz	HCH	DFT-Pi2BPSK	25.83	26.15	26.54	23.04	30.00	Pass
30KHz	80MHz	HCH	DFT-QPSK	25.98	26.12	26.61	23.11	30.00	Pass
30KHz	80MHz	HCH	DFT-16QAM	24.82	24.85	25.56	22.06	30.00	Pass
30KHz	80MHz	HCH	DFT-64QAM	23.49	23.80	24.20	20.70	30.00	Pass
30KHz	80MHz	HCH	DFT-256QAM	21.81	21.77	22.32	18.82	30.00	Pass
30KHz	80MHz	HCH	CP-QPSK	24.35	24.37	24.99	21.49	30.00	Pass
30KHz	90MHz	LCH	DFT-Pi2BPSK	25.49	26.26	26.06	22.76	30.00	Pass
30KHz	90MHz	LCH	DFT-QPSK	25.53	26.35	26.01	22.85	30.00	Pass
30KHz	90MHz	LCH	DFT-16QAM	24.39	25.31	24.95	21.81	30.00	Pass
30KHz	90MHz	LCH	DFT-64QAM	23.15	23.95	23.57	20.45	30.00	Pass
30KHz	90MHz	LCH	DFT-256QAM	21.65	22.08	21.51	18.58	30.00	Pass
30KHz	90MHz	LCH	CP-QPSK	24.22	24.84	24.47	21.34	30.00	Pass
30KHz	90MHz	MCH	DFT-Pi2BPSK	25.93	26.32	26.36	22.86	30.00	Pass
30KHz	90MHz	MCH	DFT-QPSK	25.75	26.24	26.48	22.98	30.00	Pass
30KHz	90MHz	MCH	DFT-16QAM	24.69	25.15	25.07	21.65	30.00	Pass
30KHz	90MHz	MCH	DFT-64QAM	23.37	24.01	23.93	20.51	30.00	Pass
30KHz	90MHz	MCH	DFT-256QAM	21.52	21.75	21.73	18.25	30.00	Pass
30KHz	90MHz	MCH	CP-QPSK	24.48	24.83	24.96	21.46	30.00	Pass
30KHz	90MHz	HCH	DFT-Pi2BPSK	25.57	26.42	26.37	22.92	30.00	Pass
30KHz	90MHz	HCH	DFT-QPSK	25.83	26.17	26.66	23.16	30.00	Pass
30KHz	90MHz	HCH	DFT-16QAM	24.87	24.92	25.43	21.93	30.00	Pass
30KHz	90MHz	HCH	DFT-64QAM	23.03	23.75	24.08	20.58	30.00	Pass
30KHz	90MHz	HCH	DFT-256QAM	21.36	21.79	22.16	18.66	30.00	Pass
30KHz	90MHz	HCH	CP-QPSK	24.14	24.47	24.88	21.38	30.00	Pass
30KHz	100MHz	LCH	DFT-Pi2BPSK	25.80	26.47	25.92	22.97	30.00	Pass
30KHz	100MHz	LCH	DFT-QPSK	25.42	26.36	26.01	22.86	30.00	Pass
30KHz	100MHz	LCH	DFT-16QAM	24.47	25.27	24.84	21.77	30.00	Pass
30KHz	100MHz	LCH	DFT-64QAM	22.98	23.91	23.54	20.41	30.00	Pass
30KHz	100MHz	LCH	DFT-256QAM	21.30	22.13	21.42	18.63	30.00	Pass
30KHz	100MHz	LCH	CP-QPSK	24.14	24.88	24.43	21.38	30.00	Pass
30KHz	100MHz	MCH	DFT-Pi2BPSK	25.94	26.42	25.93	22.92	30.00	Pass
30KHz	100MHz	MCH	DFT-QPSK	25.88	26.33	26.40	22.90	30.00	Pass
30KHz	100MHz	MCH	DFT-16QAM	24.76	25.02	25.26	21.76	30.00	Pass
30KHz	100MHz	MCH	DFT-64QAM	23.26	23.69	23.82	20.32	30.00	Pass
30KHz	100MHz	MCH	DFT-256QAM	21.63	21.73	21.81	18.31	30.00	Pass
30KHz	100MHz	MCH	CP-QPSK	24.32	24.82	24.87	21.37	30.00	Pass
30KHz	100MHz	HCH	DFT-Pi2BPSK	26.25	26.33	26.68	23.18	30.00	Pass
30KHz	100MHz	HCH	DFT-QPSK	25.89	26.20	26.68	23.18	30.00	Pass
30KHz	100MHz	HCH	DFT-16QAM	24.86	24.99	25.66	22.16	30.00	Pass
30KHz	100MHz	HCH	DFT-64QAM	23.45	23.83	24.20	20.70	30.00	Pass
30KHz	100MHz	HCH	DFT-256QAM	21.95	22.43	22.14	18.93	30.00	Pass
30KHz	100MHz	HCH	CP-QPSK	24.44	24.65	25.16	21.66	30.00	Pass

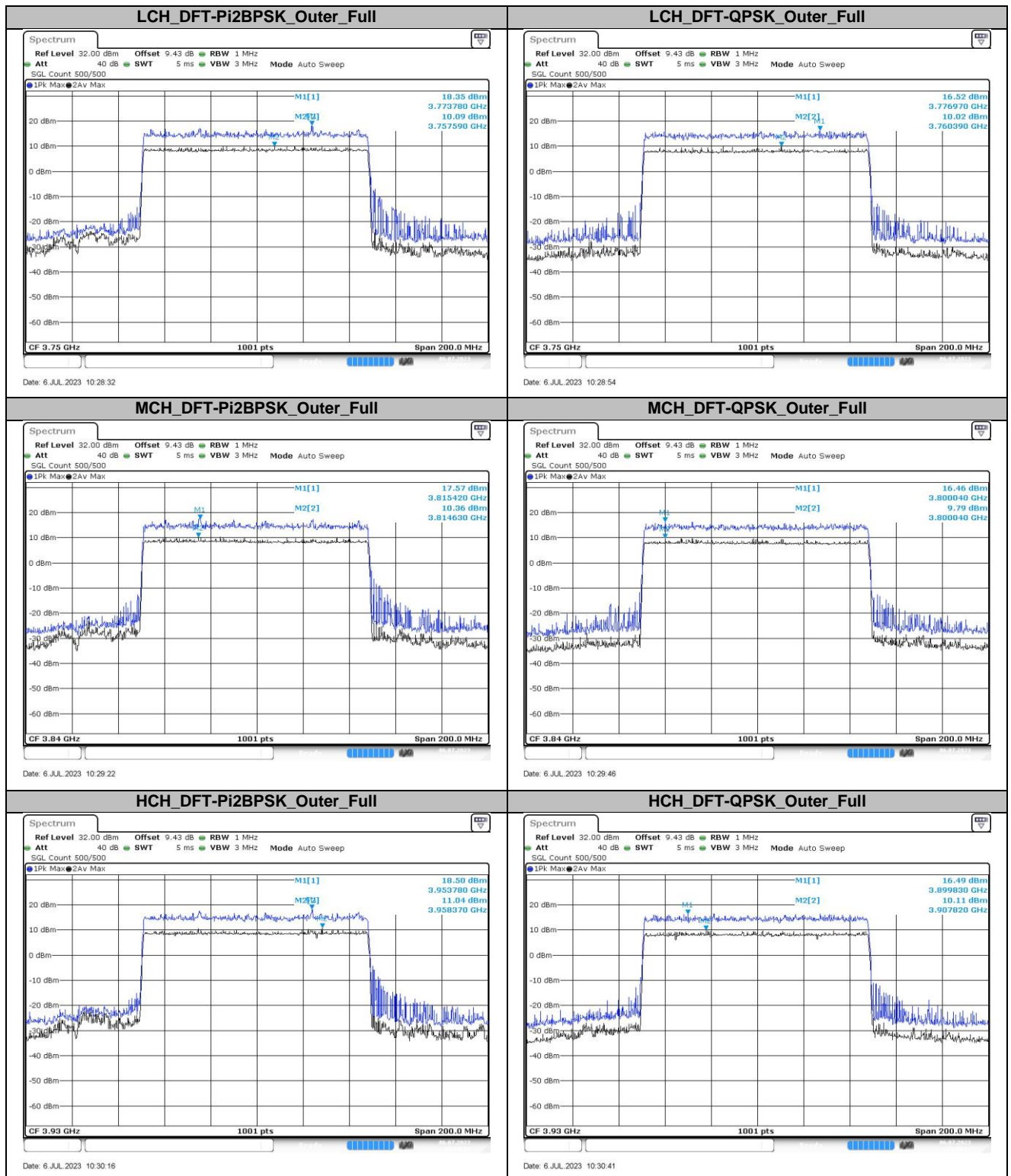
2. Peak-to-Average Ratio

2.1. Test Results

SCS	Bandwidth	Channel	RB Config	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
30KHz	100MHz	LCH	Outer_Full	8.26	6.50	13.00	Pass
30KHz	100MHz	MCH	Outer_Full	7.21	6.67	13.00	Pass
30KHz	100MHz	HCH	Outer_Full	7.46	6.38	13.00	Pass

2.2. Test Plots

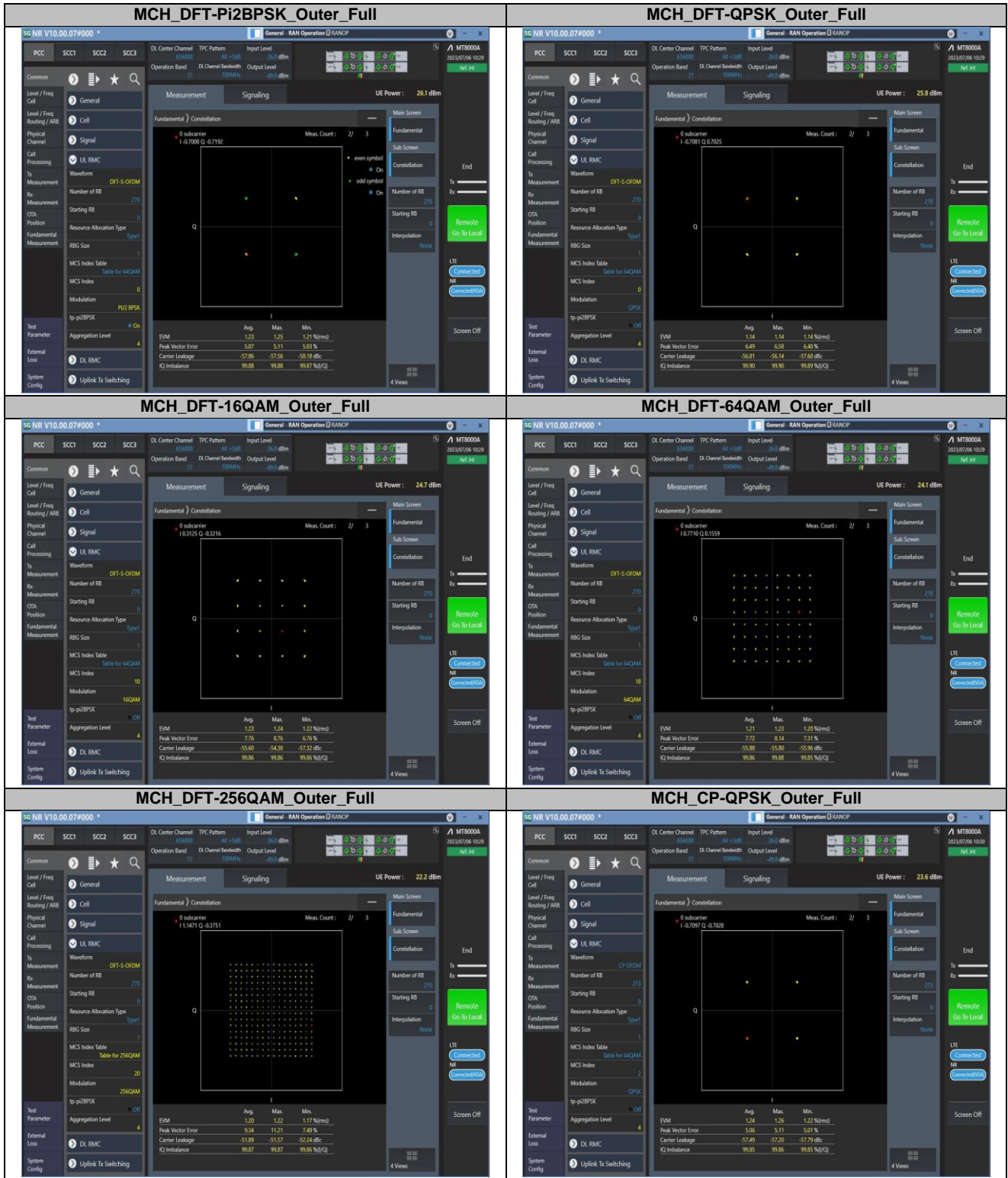
2.2.1. Bandwidth:100MHz

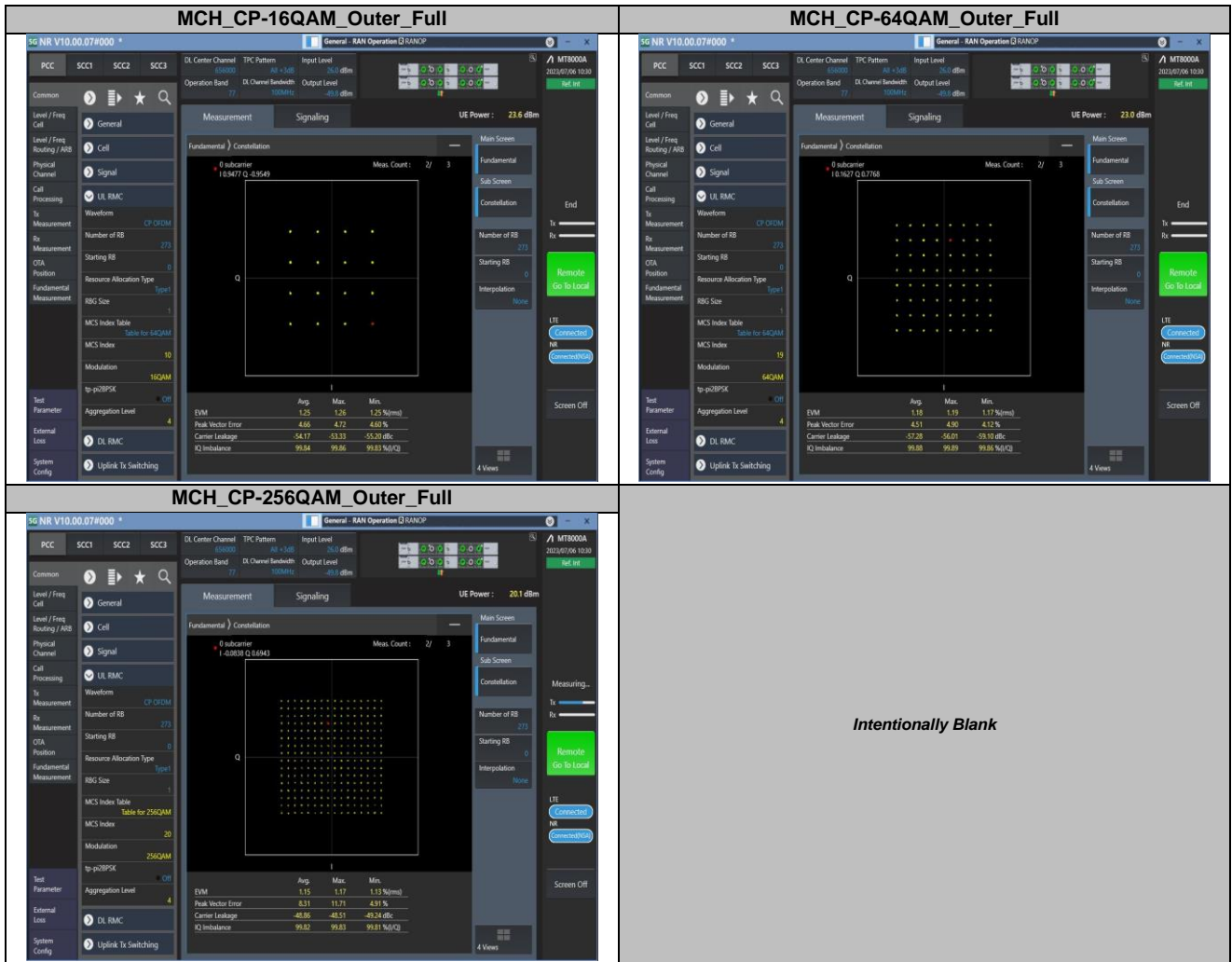


3. Modulation Characteristics

3.1. Test Plots

3.1.1. Bandwidth:100MHz





Intentionally Blank

4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

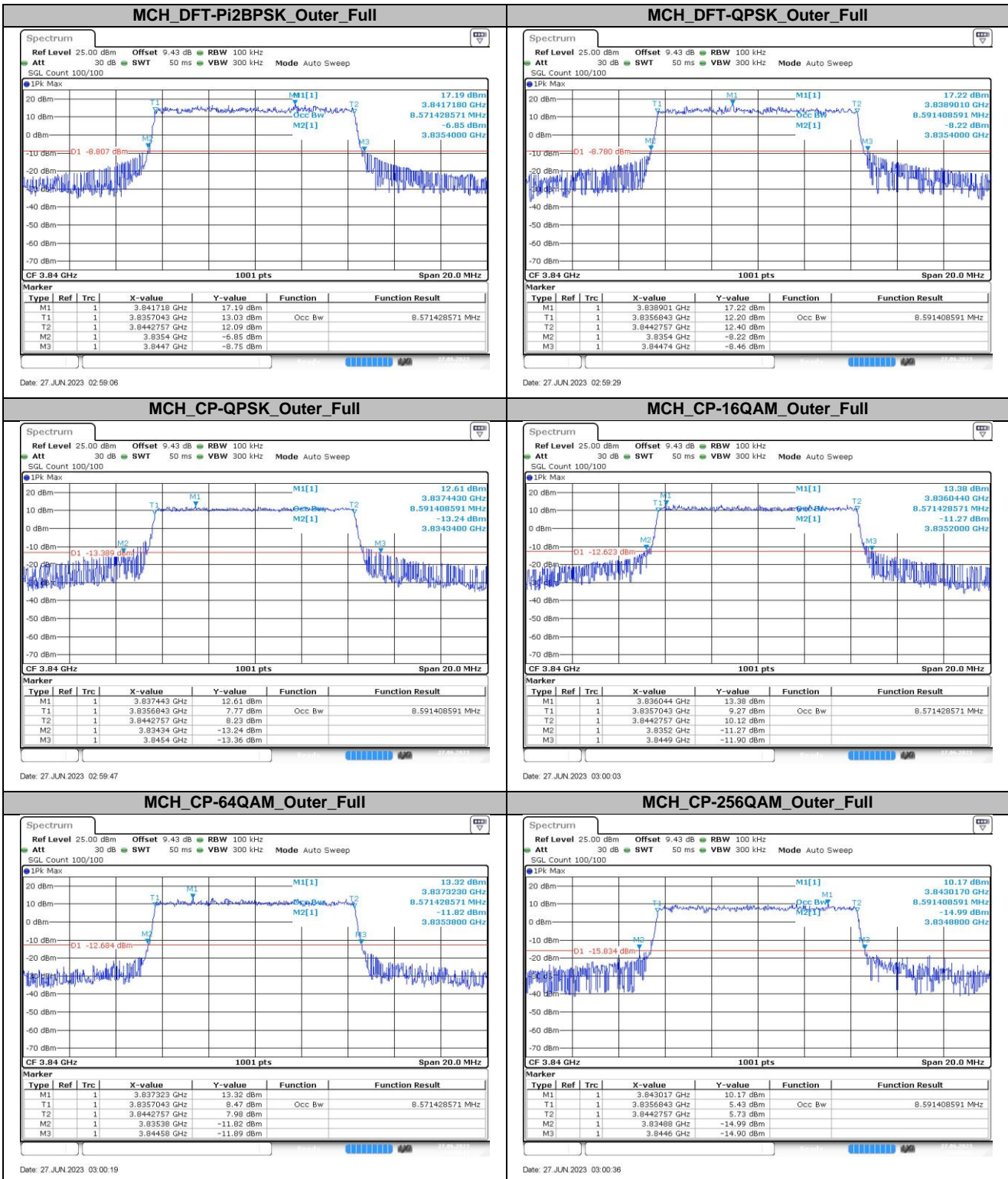
4.1. Test Results

SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
30KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.57	9.30	Pass
30KHz	10MHz	DFT-QPSK	Outer_Full	8.59	9.34	Pass
30KHz	10MHz	CP-QPSK	Outer_Full	8.59	11.06	Pass
30KHz	10MHz	CP-16QAM	Outer_Full	8.57	9.70	Pass
30KHz	10MHz	CP-64QAM	Outer_Full	8.57	9.20	Pass
30KHz	10MHz	CP-256QAM	Outer_Full	8.59	9.72	Pass
30KHz	15MHz	DFT-Pi2BPSK	Outer_Full	12.89	14.04	Pass
30KHz	15MHz	DFT-QPSK	Outer_Full	12.86	13.80	Pass
30KHz	15MHz	CP-QPSK	Outer_Full	13.58	14.46	Pass
30KHz	15MHz	CP-16QAM	Outer_Full	13.61	14.58	Pass
30KHz	15MHz	CP-64QAM	Outer_Full	13.58	14.73	Pass
30KHz	15MHz	CP-256QAM	Outer_Full	13.58	19.77	Pass
30KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.82	18.80	Pass
30KHz	20MHz	DFT-QPSK	Outer_Full	17.86	19.52	Pass
30KHz	20MHz	CP-QPSK	Outer_Full	18.18	19.76	Pass
30KHz	20MHz	CP-16QAM	Outer_Full	18.18	20.40	Pass
30KHz	20MHz	CP-64QAM	Outer_Full	18.26	19.68	Pass
30KHz	20MHz	CP-256QAM	Outer_Full	18.26	20.52	Pass
30KHz	30MHz	DFT-Pi2BPSK	Outer_Full	26.79	28.74	Pass
30KHz	30MHz	DFT-QPSK	Outer_Full	26.79	28.14	Pass
30KHz	30MHz	CP-QPSK	Outer_Full	27.87	29.88	Pass
30KHz	30MHz	CP-16QAM	Outer_Full	27.75	29.58	Pass
30KHz	30MHz	CP-64QAM	Outer_Full	27.81	29.82	Pass
30KHz	30MHz	CP-256QAM	Outer_Full	27.87	31.80	Pass
30KHz	40MHz	DFT-Pi2BPSK	Outer_Full	35.72	37.36	Pass
30KHz	40MHz	DFT-QPSK	Outer_Full	35.72	39.20	Pass
30KHz	40MHz	CP-QPSK	Outer_Full	37.88	39.84	Pass
30KHz	40MHz	CP-16QAM	Outer_Full	37.80	40.40	Pass
30KHz	40MHz	CP-64QAM	Outer_Full	37.88	39.76	Pass
30KHz	40MHz	CP-256QAM	Outer_Full	37.80	39.84	Pass
30KHz	50MHz	DFT-Pi2BPSK	Outer_Full	45.65	47.60	Pass
30KHz	50MHz	DFT-QPSK	Outer_Full	45.65	47.80	Pass
30KHz	50MHz	CP-QPSK	Outer_Full	47.45	49.40	Pass
30KHz	50MHz	CP-16QAM	Outer_Full	47.35	49.30	Pass
30KHz	50MHz	CP-64QAM	Outer_Full	47.35	49.60	Pass
30KHz	50MHz	CP-256QAM	Outer_Full	47.45	52.40	Pass
30KHz	60MHz	DFT-Pi2BPSK	Outer_Full	58.02	59.52	Pass
30KHz	60MHz	DFT-QPSK	Outer_Full	57.66	59.52	Pass
30KHz	60MHz	CP-QPSK	Outer_Full	57.66	59.64	Pass
30KHz	60MHz	CP-16QAM	Outer_Full	57.66	60.00	Pass
30KHz	60MHz	CP-64QAM	Outer_Full	57.66	59.64	Pass
30KHz	60MHz	CP-256QAM	Outer_Full	57.78	66.12	Pass
30KHz	70MHz	DFT-Pi2BPSK	Outer_Full	64.20	66.22	Pass
30KHz	70MHz	DFT-QPSK	Outer_Full	64.20	66.92	Pass
30KHz	70MHz	CP-QPSK	Outer_Full	67.41	69.44	Pass
30KHz	70MHz	CP-16QAM	Outer_Full	67.41	69.58	Pass
30KHz	70MHz	CP-64QAM	Outer_Full	67.27	69.58	Pass
30KHz	70MHz	CP-256QAM	Outer_Full	67.41	73.64	Pass
30KHz	80MHz	DFT-Pi2BPSK	Outer_Full	77.20	80.16	Pass
30KHz	80MHz	DFT-QPSK	Outer_Full	77.20	80.64	Pass
30KHz	80MHz	CP-QPSK	Outer_Full	77.52	80.96	Pass
30KHz	80MHz	CP-16QAM	Outer_Full	77.52	80.64	Pass
30KHz	80MHz	CP-64QAM	Outer_Full	77.36	80.96	Pass
30KHz	80MHz	CP-256QAM	Outer_Full	77.52	80.32	Pass
30KHz	90MHz	DFT-Pi2BPSK	Outer_Full	86.67	89.64	Pass
30KHz	90MHz	DFT-QPSK	Outer_Full	86.67	90.72	Pass
30KHz	90MHz	CP-QPSK	Outer_Full	87.39	90.54	Pass
30KHz	90MHz	CP-16QAM	Outer_Full	87.21	91.08	Pass
30KHz	90MHz	CP-64QAM	Outer_Full	87.39	90.90	Pass

30KHz	90MHz	CP-256QAM	Outer_Full	87.39	97.92	Pass
30KHz	100MHz	DFT-Pi2BPSK	Outer_Full	96.30	100.00	Pass
30KHz	100MHz	DFT-QPSK	Outer_Full	96.30	100.00	Pass
30KHz	100MHz	CP-QPSK	Outer_Full	97.30	100.60	Pass
30KHz	100MHz	CP-16QAM	Outer_Full	97.30	101.80	Pass
30KHz	100MHz	CP-64QAM	Outer_Full	97.50	100.80	Pass
30KHz	100MHz	CP-256QAM	Outer_Full	97.50	102.80	Pass

4.2. Test Plots

4.2.1. Bandwidth:10MHz



4.2.2. Bandwidth:15MHz

