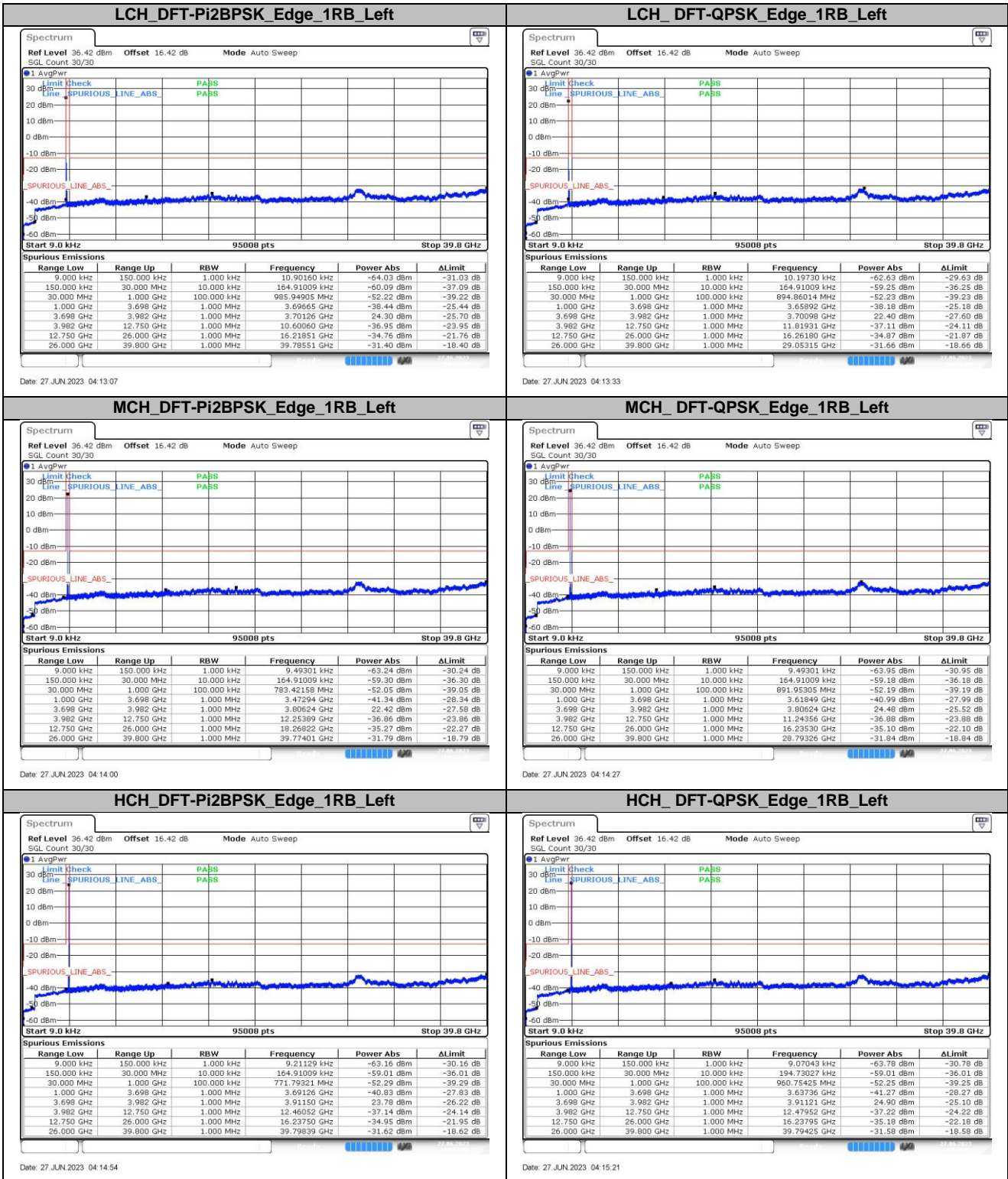
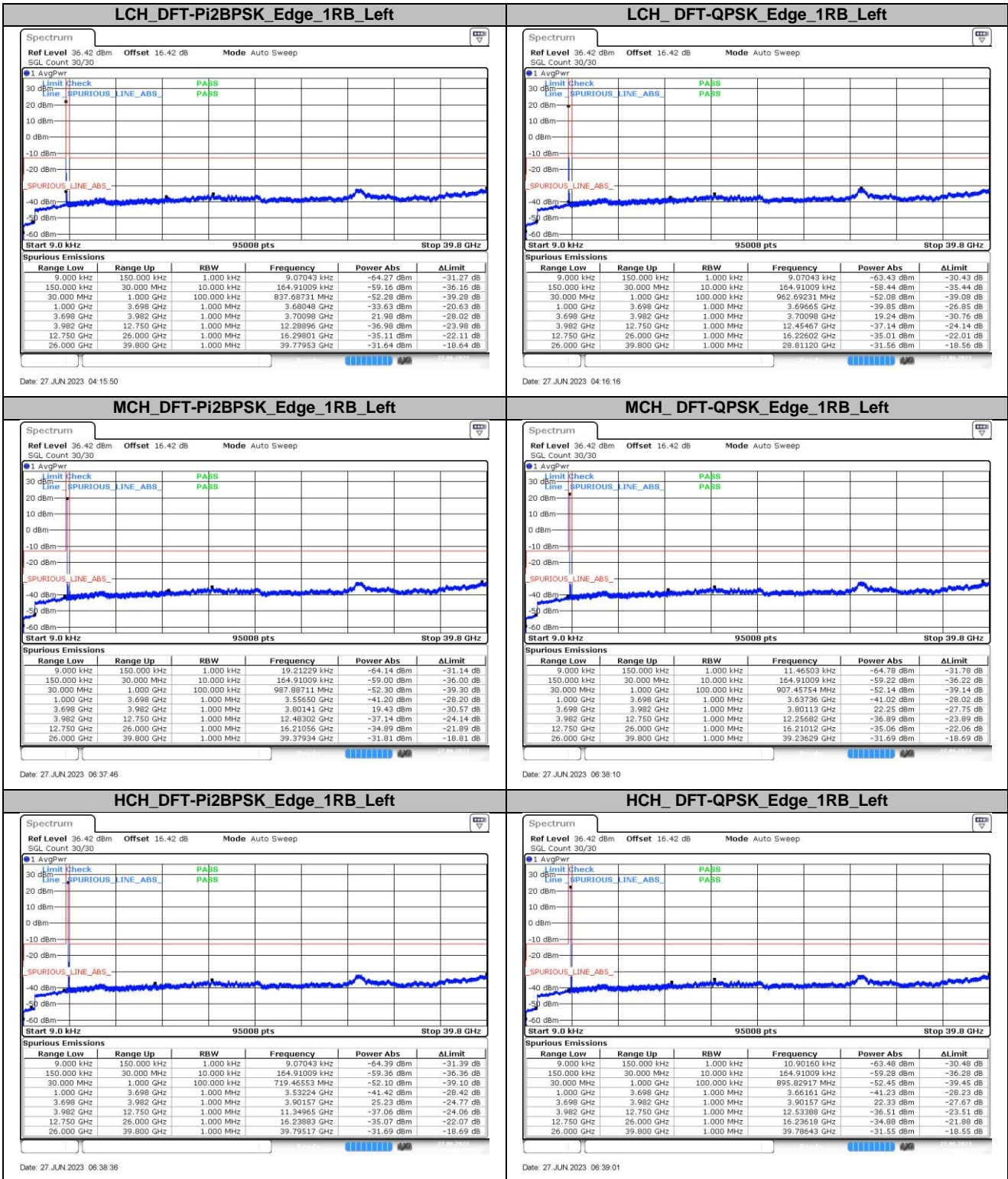


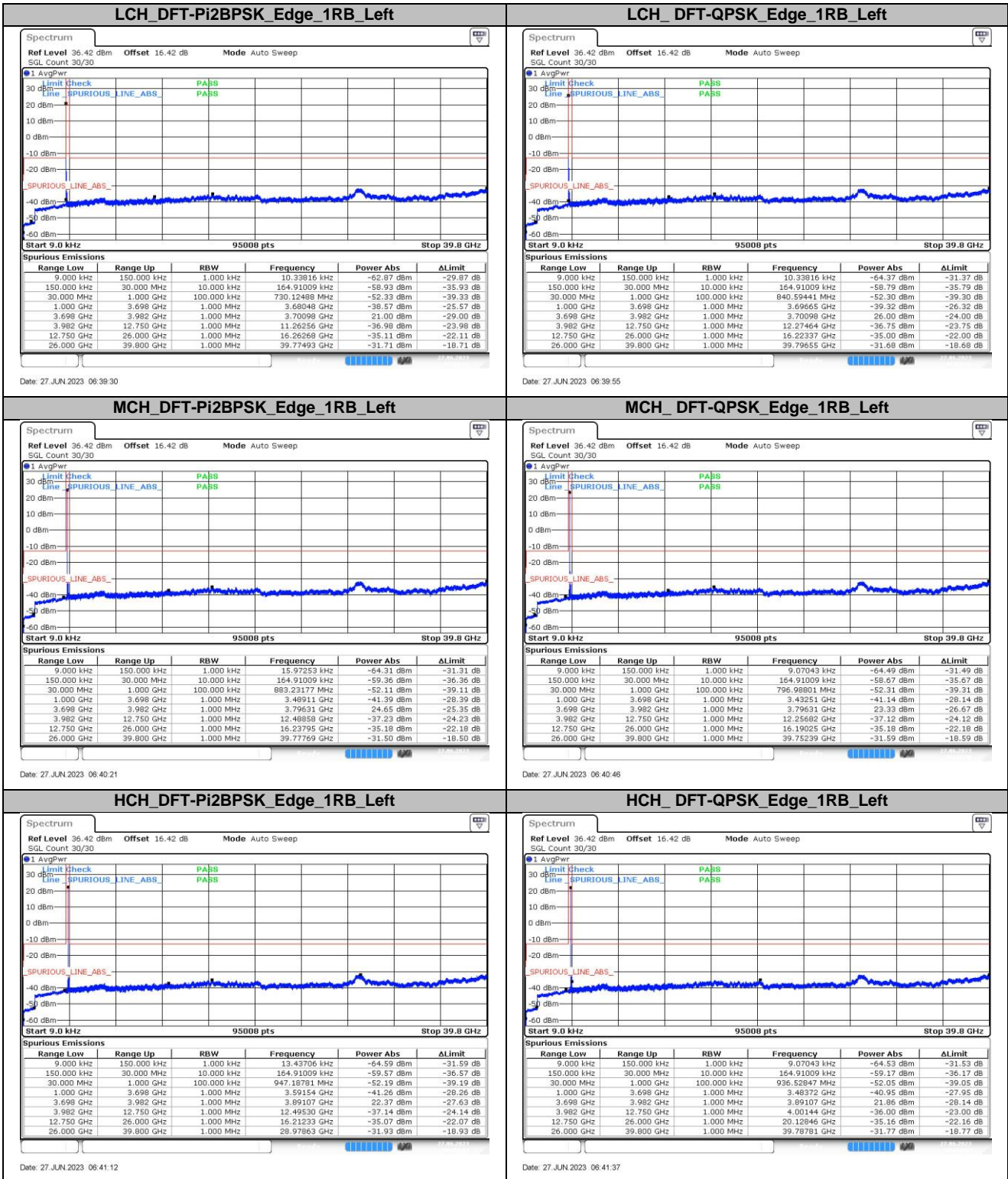
6.1.8. Bandwidth:70MHz



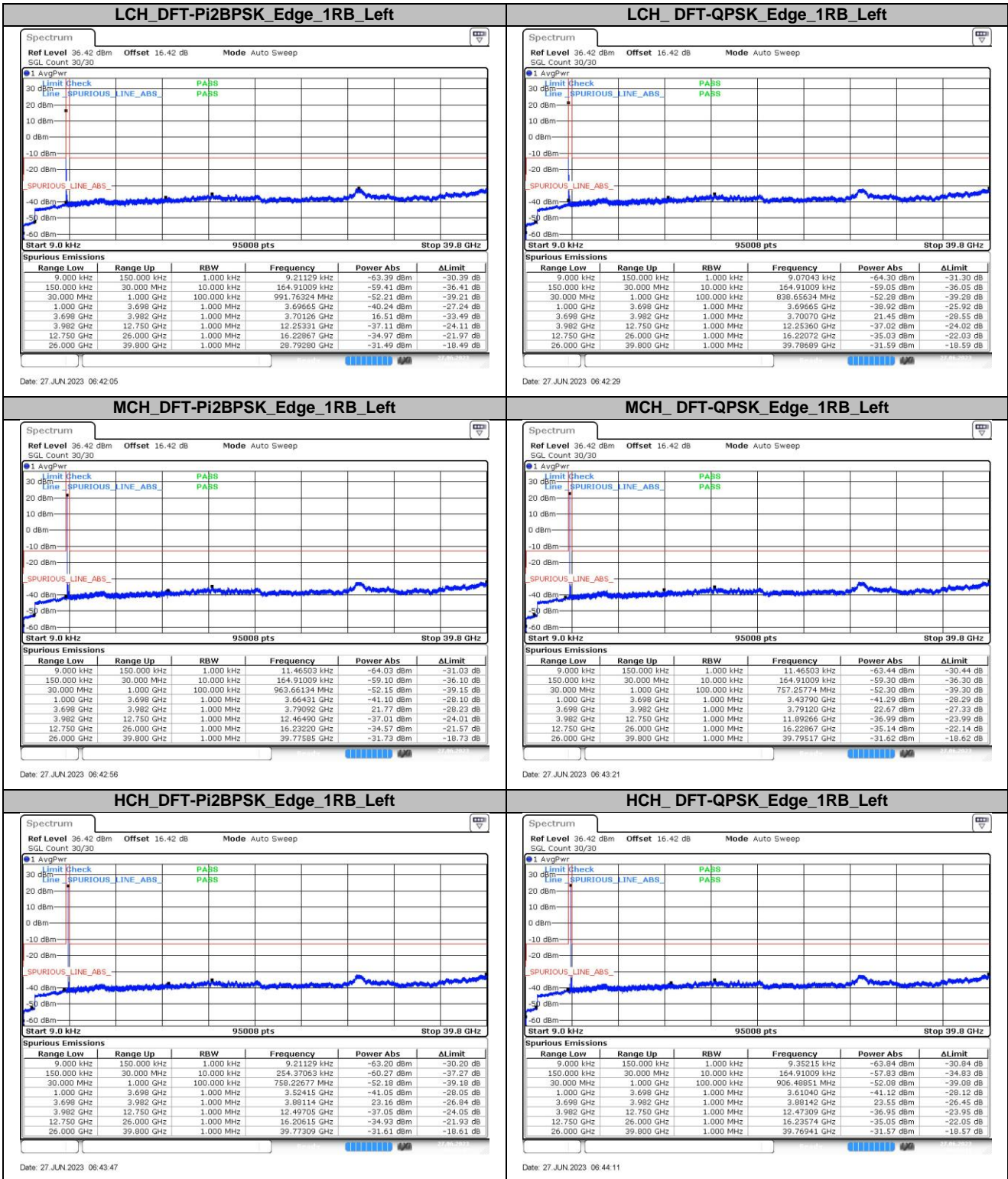
6.1.9. Bandwidth:80MHz



6.1.10. Bandwidth:90MHz



6.1.11. Bandwidth:100MHz



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)	
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-5.70	-0.001484	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-3.70	-0.000964	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-8.20	-0.002135	Pass

7.1.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	-6.20	-0.001615	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-9.20	-0.002396	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-7.10	-0.001849	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-7.50	-0.001953	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-6.70	-0.001745	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-6.20	-0.001615	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-4.40	-0.001146	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-5.40	-0.001406	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-5.70	-0.001484	Pass

The End

**Appendix
for
n78A
(3700-3800)**

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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	25.79	25.94	25.91	22.44	30.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	25.79	25.88	25.88	22.38	30.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	24.91	25.16	24.82	21.66	30.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	23.41	23.33	23.39	19.91	30.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	21.24	21.51	21.55	18.05	30.00	Pass
15KHz	10MHz	LCH	CP-QPSK	24.23	24.30	24.20	20.80	30.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	25.81	25.90	25.87	22.40	30.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	25.77	25.81	25.91	22.41	30.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	25.13	25.38	25.04	21.88	30.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	23.34	23.60	23.34	20.10	30.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	21.20	21.48	21.61	18.11	30.00	Pass
15KHz	10MHz	MCH	CP-QPSK	24.43	24.43	24.38	20.93	30.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	26.26	26.45	26.32	22.95	30.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	26.10	26.32	26.16	22.82	30.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	25.37	25.55	25.28	22.05	30.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	23.77	23.96	23.79	20.46	30.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	22.23	21.83	22.09	18.73	30.00	Pass
15KHz	10MHz	HCH	CP-QPSK	24.76	24.70	24.74	21.26	30.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	25.81	25.86	25.69	22.36	30.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	25.69	25.81	25.86	22.36	30.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	25.08	25.18	24.89	21.68	30.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	23.41	23.45	23.31	19.95	30.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	21.03	21.37	21.35	17.87	30.00	Pass
15KHz	15MHz	LCH	CP-QPSK	24.18	24.31	24.38	20.88	30.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	25.93	26.01	26.09	22.59	30.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	25.92	25.82	26.05	22.55	30.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	25.00	24.54	24.96	21.50	30.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	23.61	23.68	23.45	20.18	30.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	21.36	21.30	21.39	17.89	30.00	Pass
15KHz	15MHz	MCH	CP-QPSK	24.46	24.36	24.39	20.96	30.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	26.23	26.19	26.14	22.73	30.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	26.12	25.99	26.31	22.81	30.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	24.79	25.58	25.37	22.08	30.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	23.61	23.85	23.70	20.35	30.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	21.64	21.47	21.87	18.37	30.00	Pass
15KHz	15MHz	HCH	CP-QPSK	24.65	24.75	24.80	21.30	30.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	25.79	25.80	25.87	22.37	30.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	25.49	25.71	25.99	22.49	30.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	24.93	25.13	24.80	21.63	30.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	23.34	23.34	23.39	19.89	30.00	Pass
15KHz	20MHz	LCH	DFT-256QAM	21.10	21.35	21.30	17.85	30.00	Pass
15KHz	20MHz	LCH	CP-QPSK	24.09	24.23	24.29	20.79	30.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	26.02	25.93	25.97	22.52	30.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	26.03	26.11	25.84	22.61	30.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	24.77	25.13	24.98	21.63	30.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	23.57	23.70	23.52	20.20	30.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	21.27	21.79	21.47	18.29	30.00	Pass
15KHz	20MHz	MCH	CP-QPSK	24.34	24.54	24.66	21.16	30.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	26.08	26.32	26.20	22.82	30.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	26.04	26.12	26.30	22.80	30.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	25.24	25.51	25.07	22.01	30.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	23.85	24.02	23.65	20.52	30.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	21.42	22.04	21.79	18.54	30.00	Pass
15KHz	20MHz	HCH	CP-QPSK	24.36	25.11	24.53	21.61	30.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	25.68	25.82	25.71	22.32	30.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	25.57	25.76	25.78	22.28	30.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	24.93	25.08	24.85	21.58	30.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	23.41	23.50	23.41	20.00	30.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	21.45	21.11	21.48	17.98	30.00	Pass

15KHz	30MHz	LCH	CP-QPSK	24.00	24.34	24.44	20.94	30.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	25.91	25.88	25.77	22.41	30.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	25.53	25.77	25.99	22.49	30.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	25.00	25.26	24.99	21.76	30.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	23.40	23.57	23.49	20.07	30.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	21.21	21.45	21.39	17.95	30.00	Pass
15KHz	30MHz	MCH	CP-QPSK	24.49	24.40	24.36	20.99	30.00	Pass
15KHz	30MHz	HCH	DFT-Pi2BPSK	25.74	26.15	26.27	22.77	30.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	25.68	25.88	26.11	22.61	30.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	24.68	25.47	25.05	21.97	30.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	23.43	23.73	23.61	20.23	30.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	21.34	21.45	21.70	18.20	30.00	Pass
15KHz	30MHz	HCH	CP-QPSK	24.31	24.61	24.64	21.14	30.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	25.68	25.86	25.78	22.36	30.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	25.52	25.59	25.74	22.24	30.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	24.84	25.01	24.99	21.51	30.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	23.31	23.34	23.45	19.95	30.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	20.99	21.17	21.28	17.78	30.00	Pass
15KHz	40MHz	LCH	CP-QPSK	24.23	24.38	24.25	20.88	30.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	25.70	25.92	26.01	22.51	30.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	25.65	25.86	25.91	22.41	30.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	24.97	25.16	24.96	21.66	30.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	23.36	23.51	23.41	20.01	30.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	21.15	21.38	21.57	18.07	30.00	Pass
15KHz	40MHz	MCH	CP-QPSK	24.08	24.43	24.33	20.93	30.00	Pass
15KHz	40MHz	HCH	DFT-Pi2BPSK	25.97	26.21	26.08	22.71	30.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	25.90	26.08	25.97	22.58	30.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	25.06	25.06	25.11	21.61	30.00	Pass
15KHz	40MHz	HCH	DFT-64QAM	23.44	23.78	23.56	20.28	30.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	21.06	21.52	21.43	18.02	30.00	Pass
15KHz	40MHz	HCH	CP-QPSK	24.11	24.51	24.53	21.03	30.00	Pass
15KHz	50MHz	LCH	DFT-Pi2BPSK	25.59	25.80	25.97	22.47	30.00	Pass
15KHz	50MHz	LCH	DFT-QPSK	25.55	26.02	25.84	22.52	30.00	Pass
15KHz	50MHz	LCH	DFT-16QAM	24.95	25.13	24.92	21.63	30.00	Pass
15KHz	50MHz	LCH	DFT-64QAM	23.33	23.66	23.28	20.16	30.00	Pass
15KHz	50MHz	LCH	DFT-256QAM	21.09	21.36	21.36	17.86	30.00	Pass
15KHz	50MHz	LCH	CP-QPSK	24.32	24.74	24.31	21.24	30.00	Pass
15KHz	50MHz	MCH	DFT-Pi2BPSK	25.74	25.94	26.06	22.56	30.00	Pass
15KHz	50MHz	MCH	DFT-QPSK	25.48	26.14	25.98	22.64	30.00	Pass
15KHz	50MHz	MCH	DFT-16QAM	25.02	25.26	24.94	21.76	30.00	Pass
15KHz	50MHz	MCH	DFT-64QAM	23.22	23.68	23.55	20.18	30.00	Pass
15KHz	50MHz	MCH	DFT-256QAM	21.16	21.81	21.49	18.31	30.00	Pass
15KHz	50MHz	MCH	CP-QPSK	24.16	24.77	24.43	21.27	30.00	Pass
15KHz	50MHz	HCH	DFT-Pi2BPSK	25.59	26.14	26.07	22.64	30.00	Pass
15KHz	50MHz	HCH	DFT-QPSK	25.72	26.06	25.90	22.56	30.00	Pass
15KHz	50MHz	HCH	DFT-16QAM	24.97	25.32	25.14	21.82	30.00	Pass
15KHz	50MHz	HCH	DFT-64QAM	23.35	23.58	23.51	20.08	30.00	Pass
15KHz	50MHz	HCH	DFT-256QAM	21.12	21.50	21.45	18.00	30.00	Pass
15KHz	50MHz	HCH	CP-QPSK	24.16	24.83	24.53	21.33	30.00	Pass
30KHz	10MHz	LCH	DFT-Pi2BPSK	25.92	26.03	26.15	22.65	30.00	Pass
30KHz	10MHz	LCH	DFT-QPSK	25.81	25.88	25.89	22.39	30.00	Pass
30KHz	10MHz	LCH	DFT-16QAM	24.39	25.02	24.94	21.52	30.00	Pass
30KHz	10MHz	LCH	DFT-64QAM	23.48	23.63	23.23	20.13	30.00	Pass
30KHz	10MHz	LCH	DFT-256QAM	21.30	21.34	21.66	18.16	30.00	Pass
30KHz	10MHz	LCH	CP-QPSK	24.33	24.49	24.43	20.99	30.00	Pass
30KHz	10MHz	MCH	DFT-Pi2BPSK	26.05	25.94	26.03	22.55	30.00	Pass
30KHz	10MHz	MCH	DFT-QPSK	25.95	25.93	25.97	22.47	30.00	Pass
30KHz	10MHz	MCH	DFT-16QAM	25.00	24.59	25.13	21.63	30.00	Pass
30KHz	10MHz	MCH	DFT-64QAM	23.73	23.67	23.56	20.23	30.00	Pass
30KHz	10MHz	MCH	DFT-256QAM	21.40	21.56	21.47	18.06	30.00	Pass
30KHz	10MHz	MCH	CP-QPSK	24.51	24.54	24.58	21.08	30.00	Pass
30KHz	10MHz	HCH	DFT-Pi2BPSK	26.36	26.47	26.48	22.98	30.00	Pass
30KHz	10MHz	HCH	DFT-QPSK	26.17	26.42	26.79	23.29	30.00	Pass
30KHz	10MHz	HCH	DFT-16QAM	25.27	25.38	25.42	21.92	30.00	Pass

30KHz	10MHz	HCH	DFT-64QAM	24.01	23.88	23.97	20.51	30.00	Pass
30KHz	10MHz	HCH	DFT-256QAM	21.96	22.07	22.14	18.64	30.00	Pass
30KHz	10MHz	HCH	CP-QPSK	24.77	24.81	24.97	21.47	30.00	Pass
30KHz	15MHz	LCH	DFT-Pi2BPSK	25.85	25.93	25.90	22.43	30.00	Pass
30KHz	15MHz	LCH	DFT-QPSK	25.88	25.99	25.81	22.49	30.00	Pass
30KHz	15MHz	LCH	DFT-16QAM	24.85	24.96	25.01	21.51	30.00	Pass
30KHz	15MHz	LCH	DFT-64QAM	23.61	23.58	23.50	20.11	30.00	Pass
30KHz	15MHz	LCH	DFT-256QAM	21.71	21.58	21.60	18.21	30.00	Pass
30KHz	15MHz	LCH	CP-QPSK	24.24	24.38	24.46	20.96	30.00	Pass
30KHz	15MHz	MCH	DFT-Pi2BPSK	25.79	25.80	26.03	22.53	30.00	Pass
30KHz	15MHz	MCH	DFT-QPSK	25.92	25.99	26.28	22.78	30.00	Pass
30KHz	15MHz	MCH	DFT-16QAM	24.88	24.56	25.12	21.62	30.00	Pass
30KHz	15MHz	MCH	DFT-64QAM	23.63	23.69	23.61	20.19	30.00	Pass
30KHz	15MHz	MCH	DFT-256QAM	21.55	21.55	21.54	18.05	30.00	Pass
30KHz	15MHz	MCH	CP-QPSK	24.45	24.63	24.67	21.17	30.00	Pass
30KHz	15MHz	HCH	DFT-Pi2BPSK	26.30	26.35	26.40	22.90	30.00	Pass
30KHz	15MHz	HCH	DFT-QPSK	26.23	26.25	26.43	22.93	30.00	Pass
30KHz	15MHz	HCH	DFT-16QAM	24.97	25.41	25.42	21.92	30.00	Pass
30KHz	15MHz	HCH	DFT-64QAM	23.90	24.15	23.89	20.65	30.00	Pass
30KHz	15MHz	HCH	DFT-256QAM	21.54	21.72	22.31	18.81	30.00	Pass
30KHz	15MHz	HCH	CP-QPSK	24.64	24.77	24.90	21.40	30.00	Pass
30KHz	20MHz	LCH	DFT-Pi2BPSK	25.90	25.98	26.04	22.54	30.00	Pass
30KHz	20MHz	LCH	DFT-QPSK	25.84	26.07	25.79	22.57	30.00	Pass
30KHz	20MHz	LCH	DFT-16QAM	24.92	24.56	24.94	21.44	30.00	Pass
30KHz	20MHz	LCH	DFT-64QAM	23.79	23.55	23.34	20.29	30.00	Pass
30KHz	20MHz	LCH	DFT-256QAM	21.26	21.55	21.59	18.09	30.00	Pass
30KHz	20MHz	LCH	CP-QPSK	24.23	24.38	24.41	20.91	30.00	Pass
30KHz	20MHz	MCH	DFT-Pi2BPSK	26.03	26.05	26.02	22.55	30.00	Pass
30KHz	20MHz	MCH	DFT-QPSK	25.98	26.01	26.15	22.65	30.00	Pass
30KHz	20MHz	MCH	DFT-16QAM	25.02	25.06	25.16	21.66	30.00	Pass
30KHz	20MHz	MCH	DFT-64QAM	23.69	23.90	23.65	20.40	30.00	Pass
30KHz	20MHz	MCH	DFT-256QAM	21.65	21.21	21.68	18.18	30.00	Pass
30KHz	20MHz	MCH	CP-QPSK	24.64	24.48	24.61	21.14	30.00	Pass
30KHz	20MHz	HCH	DFT-Pi2BPSK	26.52	26.37	26.38	23.02	30.00	Pass
30KHz	20MHz	HCH	DFT-QPSK	26.07	26.39	26.52	23.02	30.00	Pass
30KHz	20MHz	HCH	DFT-16QAM	25.16	25.40	25.47	21.97	30.00	Pass
30KHz	20MHz	HCH	DFT-64QAM	23.80	24.04	23.93	20.54	30.00	Pass
30KHz	20MHz	HCH	DFT-256QAM	21.98	22.01	22.00	18.51	30.00	Pass
30KHz	20MHz	HCH	CP-QPSK	24.55	24.87	24.89	21.39	30.00	Pass
30KHz	30MHz	LCH	DFT-Pi2BPSK	25.75	25.90	26.01	22.51	30.00	Pass
30KHz	30MHz	LCH	DFT-QPSK	25.73	25.91	25.98	22.48	30.00	Pass
30KHz	30MHz	LCH	DFT-16QAM	24.67	24.73	24.71	21.23	30.00	Pass
30KHz	30MHz	LCH	DFT-64QAM	23.37	23.58	23.37	20.08	30.00	Pass
30KHz	30MHz	LCH	DFT-256QAM	21.57	21.64	21.61	18.14	30.00	Pass
30KHz	30MHz	LCH	CP-QPSK	24.37	24.34	24.47	20.97	30.00	Pass
30KHz	30MHz	MCH	DFT-Pi2BPSK	25.89	26.13	25.75	22.63	30.00	Pass
30KHz	30MHz	MCH	DFT-QPSK	25.46	26.06	25.88	22.56	30.00	Pass
30KHz	30MHz	MCH	DFT-16QAM	24.70	25.10	24.64	21.60	30.00	Pass
30KHz	30MHz	MCH	DFT-64QAM	23.32	23.76	23.40	20.26	30.00	Pass
30KHz	30MHz	MCH	DFT-256QAM	21.39	21.40	21.54	18.04	30.00	Pass
30KHz	30MHz	MCH	CP-QPSK	24.64	24.58	24.56	21.14	30.00	Pass
30KHz	30MHz	HCH	DFT-Pi2BPSK	25.84	26.09	25.97	22.59	30.00	Pass
30KHz	30MHz	HCH	DFT-QPSK	25.82	26.29	25.93	22.79	30.00	Pass
30KHz	30MHz	HCH	DFT-16QAM	24.89	25.31	24.81	21.81	30.00	Pass
30KHz	30MHz	HCH	DFT-64QAM	23.66	23.96	23.80	20.46	30.00	Pass
30KHz	30MHz	HCH	DFT-256QAM	21.53	21.65	21.45	18.15	30.00	Pass
30KHz	30MHz	HCH	CP-QPSK	24.39	24.55	24.42	21.05	30.00	Pass
30KHz	40MHz	LCH	DFT-Pi2BPSK	25.90	25.93	25.66	22.43	30.00	Pass
30KHz	40MHz	LCH	DFT-QPSK	25.57	26.08	25.76	22.58	30.00	Pass
30KHz	40MHz	LCH	DFT-16QAM	24.92	24.67	24.67	21.42	30.00	Pass
30KHz	40MHz	LCH	DFT-64QAM	23.50	23.52	23.32	20.02	30.00	Pass
30KHz	40MHz	LCH	DFT-256QAM	21.08	21.22	21.36	17.86	30.00	Pass
30KHz	40MHz	LCH	CP-QPSK	24.18	24.28	24.48	20.98	30.00	Pass
30KHz	40MHz	MCH	DFT-Pi2BPSK	25.63	26.07	25.99	22.57	30.00	Pass

30KHz	40MHz	MCH	DFT-QPSK	25.89	26.13	26.01	22.63	30.00	Pass
30KHz	40MHz	MCH	DFT-16QAM	24.78	25.12	24.81	21.62	30.00	Pass
30KHz	40MHz	MCH	DFT-64QAM	23.46	23.76	23.34	20.26	30.00	Pass
30KHz	40MHz	MCH	DFT-256QAM	21.45	21.67	21.37	18.17	30.00	Pass
30KHz	40MHz	MCH	CP-QPSK	24.13	24.62	24.52	21.12	30.00	Pass
30KHz	40MHz	HCH	DFT-Pi2BPSK	25.85	26.31	25.96	22.81	30.00	Pass
30KHz	40MHz	HCH	DFT-QPSK	25.84	26.49	25.86	22.99	30.00	Pass
30KHz	40MHz	HCH	DFT-16QAM	24.90	25.28	24.87	21.78	30.00	Pass
30KHz	40MHz	HCH	DFT-64QAM	23.38	24.11	23.34	20.61	30.00	Pass
30KHz	40MHz	HCH	DFT-256QAM	21.75	22.02	21.50	18.52	30.00	Pass
30KHz	40MHz	HCH	CP-QPSK	24.31	24.86	24.80	21.36	30.00	Pass
30KHz	50MHz	LCH	DFT-Pi2BPSK	25.80	26.03	25.79	22.53	30.00	Pass
30KHz	50MHz	LCH	DFT-QPSK	25.55	25.92	25.77	22.42	30.00	Pass
30KHz	50MHz	LCH	DFT-16QAM	24.77	25.11	24.83	21.61	30.00	Pass
30KHz	50MHz	LCH	DFT-64QAM	23.36	23.59	23.17	20.09	30.00	Pass
30KHz	50MHz	LCH	DFT-256QAM	21.46	21.84	21.34	18.34	30.00	Pass
30KHz	50MHz	LCH	CP-QPSK	24.35	24.55	24.24	21.05	30.00	Pass
30KHz	50MHz	MCH	DFT-Pi2BPSK	25.81	26.20	25.89	22.70	30.00	Pass
30KHz	50MHz	MCH	DFT-QPSK	25.71	25.93	25.90	22.43	30.00	Pass
30KHz	50MHz	MCH	DFT-16QAM	24.70	25.18	24.83	21.68	30.00	Pass
30KHz	50MHz	MCH	DFT-64QAM	23.42	23.79	23.24	20.29	30.00	Pass
30KHz	50MHz	MCH	DFT-256QAM	21.43	22.20	21.42	18.70	30.00	Pass
30KHz	50MHz	MCH	CP-QPSK	24.25	24.78	24.45	21.28	30.00	Pass
30KHz	50MHz	HCH	DFT-Pi2BPSK	25.80	26.42	25.80	22.92	30.00	Pass
30KHz	50MHz	HCH	DFT-QPSK	25.78	26.22	26.04	22.72	30.00	Pass
30KHz	50MHz	HCH	DFT-16QAM	24.84	24.90	25.02	21.52	30.00	Pass
30KHz	50MHz	HCH	DFT-64QAM	23.47	23.93	23.73	20.43	30.00	Pass
30KHz	50MHz	HCH	DFT-256QAM	21.68	22.03	21.54	18.53	30.00	Pass
30KHz	50MHz	HCH	CP-QPSK	24.39	24.87	24.42	21.37	30.00	Pass
30KHz	60MHz	LCH	DFT-Pi2BPSK	25.69	25.62	25.81	22.31	30.00	Pass
30KHz	60MHz	LCH	DFT-QPSK	25.78	26.01	25.87	22.51	30.00	Pass
30KHz	60MHz	LCH	DFT-16QAM	24.30	24.83	24.86	21.36	30.00	Pass
30KHz	60MHz	LCH	DFT-64QAM	23.54	23.78	23.50	20.28	30.00	Pass
30KHz	60MHz	LCH	DFT-256QAM	21.13	21.35	21.36	17.86	30.00	Pass
30KHz	60MHz	LCH	CP-QPSK	24.18	24.41	24.48	20.98	30.00	Pass
30KHz	60MHz	MCH	DFT-Pi2BPSK	25.74	26.17	25.98	22.67	30.00	Pass
30KHz	60MHz	MCH	DFT-QPSK	25.68	26.11	25.98	22.61	30.00	Pass
30KHz	60MHz	MCH	DFT-16QAM	24.89	24.71	24.92	21.42	30.00	Pass
30KHz	60MHz	MCH	DFT-64QAM	23.28	23.98	23.57	20.48	30.00	Pass
30KHz	60MHz	MCH	DFT-256QAM	21.26	22.05	21.61	18.55	30.00	Pass
30KHz	60MHz	MCH	CP-QPSK	24.18	24.87	24.47	21.37	30.00	Pass
30KHz	60MHz	HCH	DFT-Pi2BPSK	25.85	26.29	26.26	22.79	30.00	Pass
30KHz	60MHz	HCH	DFT-QPSK	25.72	26.42	26.22	22.92	30.00	Pass
30KHz	60MHz	HCH	DFT-16QAM	24.92	25.36	25.23	21.86	30.00	Pass
30KHz	60MHz	HCH	DFT-64QAM	23.48	24.18	23.66	20.68	30.00	Pass
30KHz	60MHz	HCH	DFT-256QAM	21.50	21.96	21.93	18.46	30.00	Pass
30KHz	60MHz	HCH	CP-QPSK	24.43	24.95	24.66	21.45	30.00	Pass
30KHz	70MHz	LCH	DFT-Pi2BPSK	25.81	26.12	25.76	22.62	30.00	Pass
30KHz	70MHz	LCH	DFT-QPSK	25.61	26.13	25.88	22.63	30.00	Pass
30KHz	70MHz	LCH	DFT-16QAM	24.56	25.21	24.91	21.71	30.00	Pass
30KHz	70MHz	LCH	DFT-64QAM	23.12	23.70	23.51	20.20	30.00	Pass
30KHz	70MHz	LCH	DFT-256QAM	21.52	21.82	21.63	18.32	30.00	Pass
30KHz	70MHz	LCH	CP-QPSK	24.20	24.72	24.41	21.22	30.00	Pass
30KHz	70MHz	MCH	DFT-Pi2BPSK	25.75	26.38	25.84	22.88	30.00	Pass
30KHz	70MHz	MCH	DFT-QPSK	25.69	26.30	25.91	22.80	30.00	Pass
30KHz	70MHz	MCH	DFT-16QAM	24.61	25.20	24.98	21.70	30.00	Pass
30KHz	70MHz	MCH	DFT-64QAM	23.43	24.04	23.42	20.54	30.00	Pass
30KHz	70MHz	MCH	DFT-256QAM	21.46	22.01	21.37	18.51	30.00	Pass
30KHz	70MHz	MCH	CP-QPSK	24.35	24.87	24.04	21.37	30.00	Pass
30KHz	70MHz	HCH	DFT-Pi2BPSK	25.76	26.54	26.14	23.04	30.00	Pass
30KHz	70MHz	HCH	DFT-QPSK	25.69	26.39	26.00	22.89	30.00	Pass
30KHz	70MHz	HCH	DFT-16QAM	24.77	25.49	25.04	21.99	30.00	Pass
30KHz	70MHz	HCH	DFT-64QAM	23.47	24.12	23.48	20.62	30.00	Pass
30KHz	70MHz	HCH	DFT-256QAM	21.38	22.21	21.57	18.71	30.00	Pass

30KHz	70MHz	HCH	CP-QPSK	24.24	24.95	24.56	21.45	30.00	Pass
30KHz	80MHz	LCH	DFT-Pi2BPSK	25.67	26.24	26.18	22.74	30.00	Pass
30KHz	80MHz	LCH	DFT-QPSK	25.76	26.12	25.95	22.62	30.00	Pass
30KHz	80MHz	LCH	DFT-16QAM	24.64	25.24	25.07	21.74	30.00	Pass
30KHz	80MHz	LCH	DFT-64QAM	23.58	23.88	23.45	20.38	30.00	Pass
30KHz	80MHz	LCH	DFT-256QAM	21.44	21.96	21.71	18.46	30.00	Pass
30KHz	80MHz	LCH	CP-QPSK	24.10	24.78	24.32	21.28	30.00	Pass
30KHz	80MHz	MCH	DFT-Pi2BPSK	25.75	26.48	26.10	22.98	30.00	Pass
30KHz	80MHz	MCH	DFT-QPSK	25.77	26.26	26.13	22.76	30.00	Pass
30KHz	80MHz	MCH	DFT-16QAM	24.73	25.33	25.28	21.83	30.00	Pass
30KHz	80MHz	MCH	DFT-64QAM	23.38	24.29	23.80	20.79	30.00	Pass
30KHz	80MHz	MCH	DFT-256QAM	21.24	22.24	21.92	18.74	30.00	Pass
30KHz	80MHz	MCH	CP-QPSK	24.38	24.91	24.34	21.41	30.00	Pass
30KHz	80MHz	HCH	DFT-Pi2BPSK	25.94	26.51	26.19	23.01	30.00	Pass
30KHz	80MHz	HCH	DFT-QPSK	25.85	26.37	26.10	22.87	30.00	Pass
30KHz	80MHz	HCH	DFT-16QAM	24.79	25.73	25.29	22.23	30.00	Pass
30KHz	80MHz	HCH	DFT-64QAM	23.46	24.09	23.71	20.59	30.00	Pass
30KHz	80MHz	HCH	DFT-256QAM	21.58	22.12	21.74	18.62	30.00	Pass
30KHz	80MHz	HCH	CP-QPSK	24.46	24.98	24.45	21.48	30.00	Pass
30KHz	90MHz	LCH	DFT-Pi2BPSK	25.77	26.66	25.88	23.16	30.00	Pass
30KHz	90MHz	LCH	DFT-QPSK	25.77	26.60	25.88	23.10	30.00	Pass
30KHz	90MHz	LCH	DFT-16QAM	24.69	25.62	24.99	22.12	30.00	Pass
30KHz	90MHz	LCH	DFT-64QAM	23.24	24.14	23.47	20.64	30.00	Pass
30KHz	90MHz	LCH	DFT-256QAM	20.98	22.22	21.61	18.72	30.00	Pass
30KHz	90MHz	LCH	CP-QPSK	24.25	25.00	24.31	21.50	30.00	Pass
30KHz	90MHz	MCH	DFT-Pi2BPSK	25.56	26.26	25.92	22.76	30.00	Pass
30KHz	90MHz	MCH	DFT-QPSK	25.58	26.40	25.70	22.90	30.00	Pass
30KHz	90MHz	MCH	DFT-16QAM	24.73	25.50	25.38	22.00	30.00	Pass
30KHz	90MHz	MCH	DFT-64QAM	23.44	24.04	23.48	20.54	30.00	Pass
30KHz	90MHz	MCH	DFT-256QAM	21.50	22.00	21.35	18.50	30.00	Pass
30KHz	90MHz	MCH	CP-QPSK	24.24	24.96	24.41	21.46	30.00	Pass
30KHz	90MHz	HCH	DFT-Pi2BPSK	25.67	26.25	25.86	22.75	30.00	Pass
30KHz	90MHz	HCH	DFT-QPSK	25.80	26.38	25.80	22.88	30.00	Pass
30KHz	90MHz	HCH	DFT-16QAM	24.73	25.44	24.87	21.94	30.00	Pass
30KHz	90MHz	HCH	DFT-64QAM	23.35	24.13	23.35	20.63	30.00	Pass
30KHz	90MHz	HCH	DFT-256QAM	21.45	21.70	21.45	18.20	30.00	Pass
30KHz	90MHz	HCH	CP-QPSK	24.18	24.93	24.32	21.43	30.00	Pass
30KHz	100MHz	MCH	DFT-Pi2BPSK	25.61	26.55	26.01	23.05	30.00	Pass
30KHz	100MHz	MCH	DFT-QPSK	25.70	26.34	25.92	22.84	30.00	Pass
30KHz	100MHz	MCH	DFT-16QAM	24.57	25.48	24.98	21.98	30.00	Pass
30KHz	100MHz	MCH	DFT-64QAM	23.43	24.10	23.34	20.60	30.00	Pass
30KHz	100MHz	MCH	DFT-256QAM	21.47	22.05	21.39	18.55	30.00	Pass
30KHz	100MHz	MCH	CP-QPSK	23.96	24.92	24.38	21.42	30.00	Pass

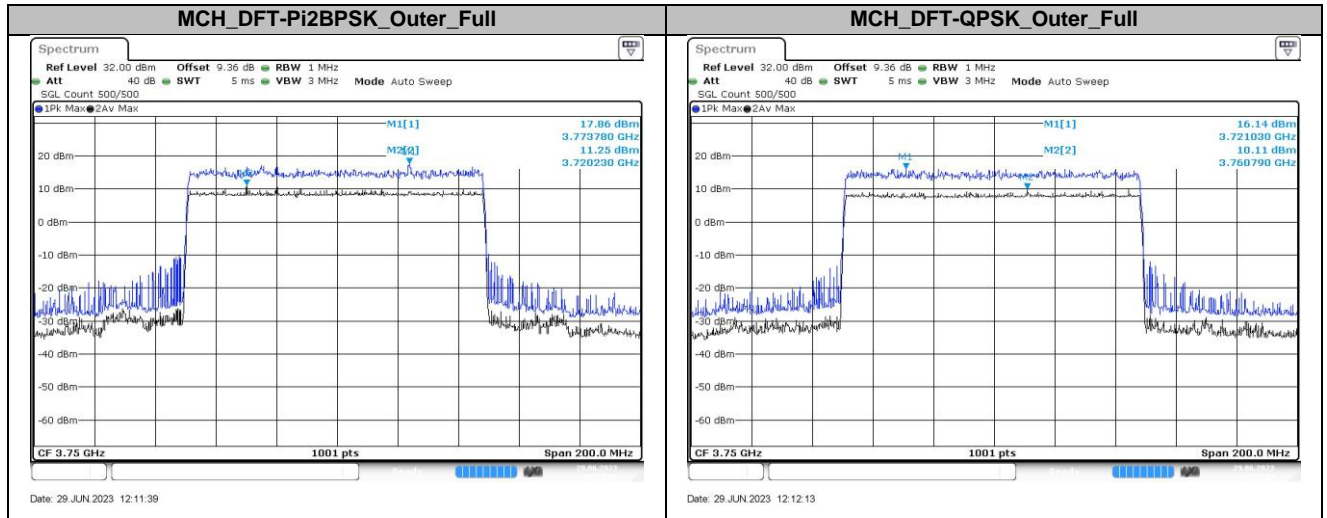
2. Peak-to-Average Ratio

2.1. Test Results

SCS	Bandwidth	Channel	RB Config	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
30KHz	100MHz	MCH	Outer_Full	6.61	6.03	13.00	Pass

2.2. Test Plots

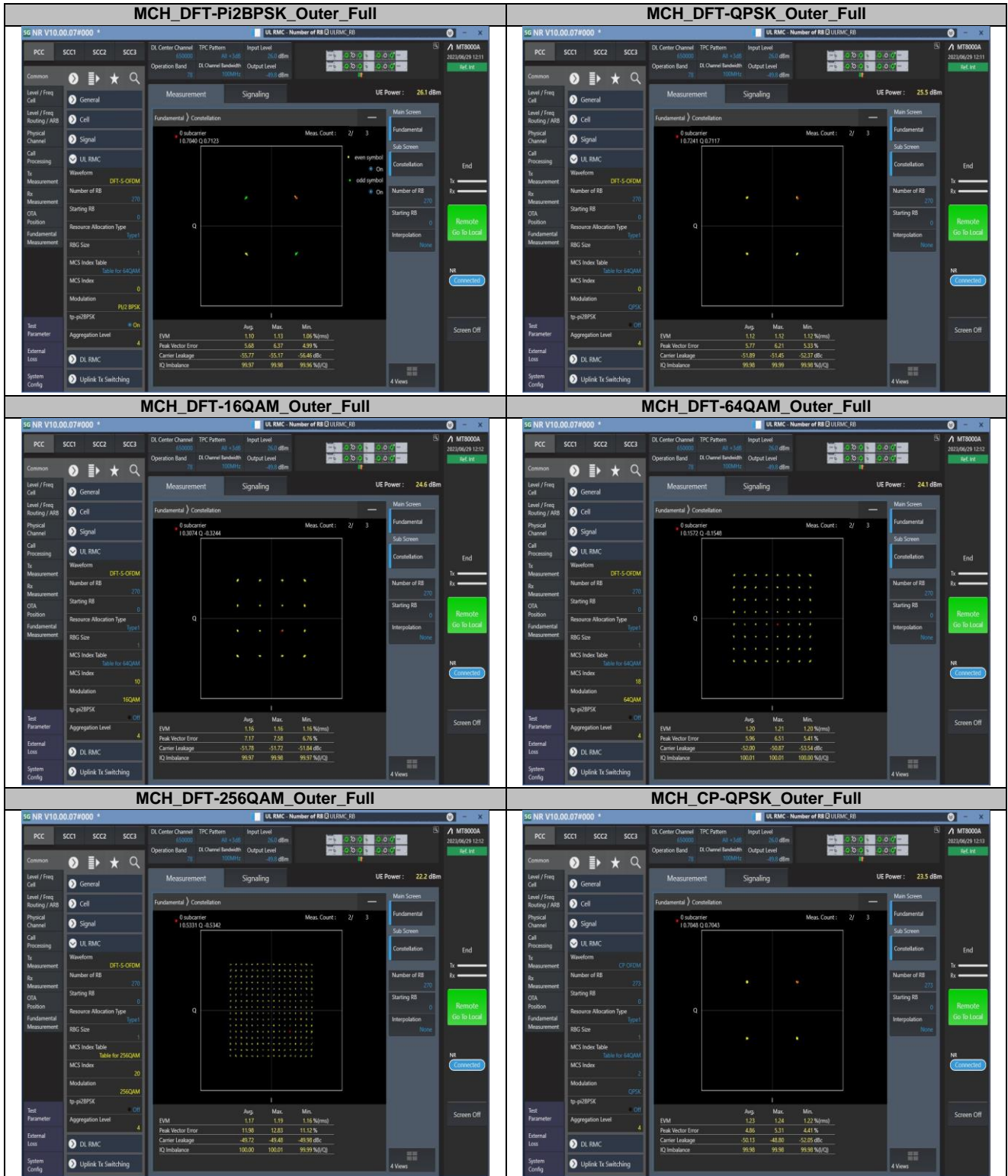
2.2.1. Bandwidth:100MHz

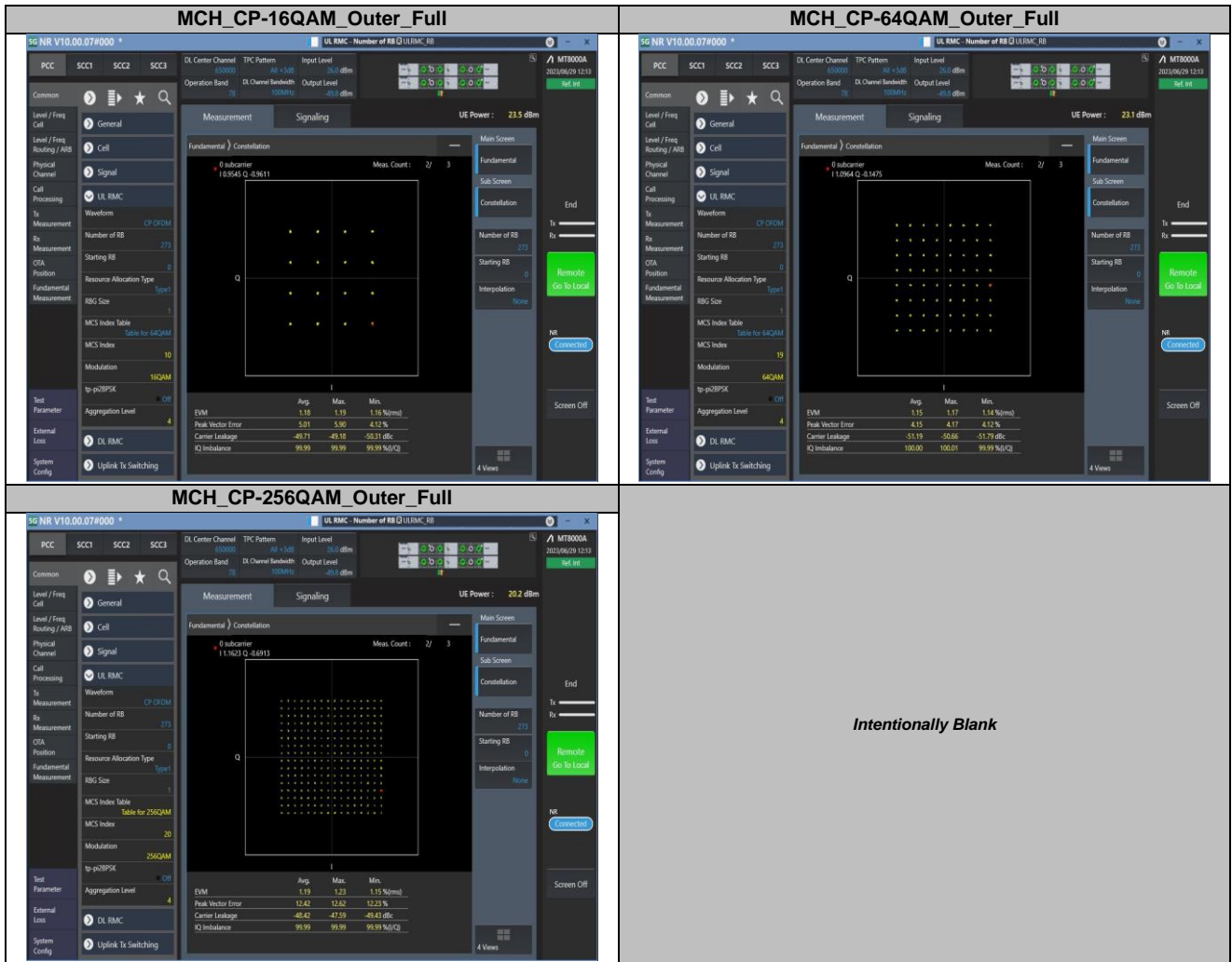


3. Modulation Characteristics

3.1. Test Plots

3.1.1. Bandwidth:100MHz





4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

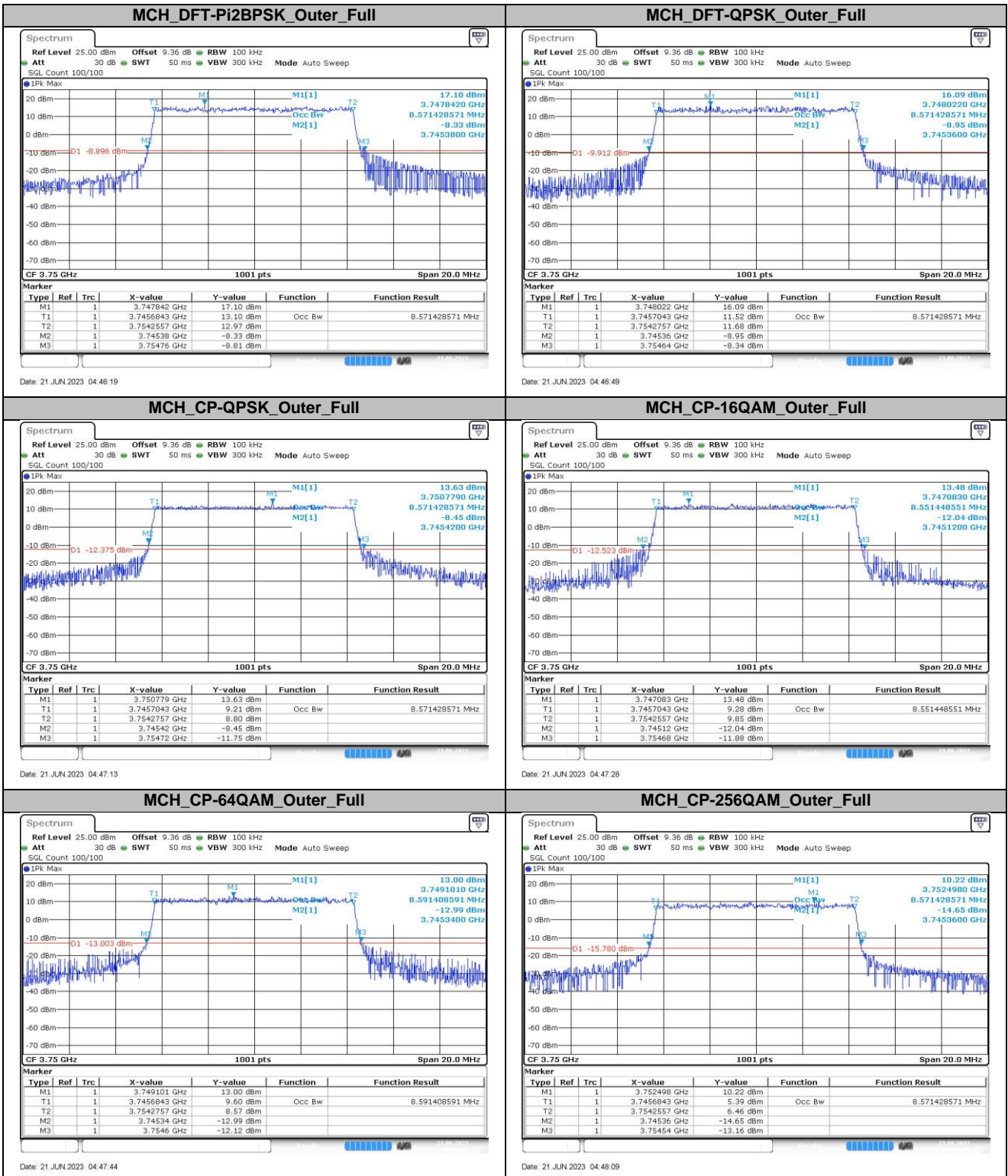
4.1. Test Results

SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
30KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.57	9.38	Pass
30KHz	10MHz	DFT-QPSK	Outer_Full	8.57	9.28	Pass
30KHz	10MHz	CP-QPSK	Outer_Full	8.57	9.30	Pass
30KHz	10MHz	CP-16QAM	Outer_Full	8.55	9.56	Pass
30KHz	10MHz	CP-64QAM	Outer_Full	8.59	9.26	Pass
30KHz	10MHz	CP-256QAM	Outer_Full	8.57	9.18	Pass
30KHz	15MHz	DFT-Pi2BPSK	Outer_Full	12.92	13.71	Pass
30KHz	15MHz	DFT-QPSK	Outer_Full	12.86	13.89	Pass
30KHz	15MHz	CP-QPSK	Outer_Full	13.61	14.73	Pass
30KHz	15MHz	CP-16QAM	Outer_Full	13.58	14.91	Pass
30KHz	15MHz	CP-64QAM	Outer_Full	13.61	15.57	Pass
30KHz	15MHz	CP-256QAM	Outer_Full	13.58	14.85	Pass
30KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.82	18.68	Pass
30KHz	20MHz	DFT-QPSK	Outer_Full	17.86	19.84	Pass
30KHz	20MHz	CP-QPSK	Outer_Full	18.18	20.04	Pass
30KHz	20MHz	CP-16QAM	Outer_Full	18.18	19.28	Pass
30KHz	20MHz	CP-64QAM	Outer_Full	18.18	19.48	Pass
30KHz	20MHz	CP-256QAM	Outer_Full	18.18	20.08	Pass
30KHz	30MHz	DFT-Pi2BPSK	Outer_Full	26.85	28.80	Pass
30KHz	30MHz	DFT-QPSK	Outer_Full	26.79	28.80	Pass
30KHz	30MHz	CP-QPSK	Outer_Full	27.87	29.34	Pass
30KHz	30MHz	CP-16QAM	Outer_Full	27.81	29.58	Pass
30KHz	30MHz	CP-64QAM	Outer_Full	27.75	31.32	Pass
30KHz	30MHz	CP-256QAM	Outer_Full	27.87	29.82	Pass
30KHz	40MHz	DFT-Pi2BPSK	Outer_Full	35.72	37.76	Pass
30KHz	40MHz	DFT-QPSK	Outer_Full	35.80	37.76	Pass
30KHz	40MHz	CP-QPSK	Outer_Full	37.80	40.16	Pass
30KHz	40MHz	CP-16QAM	Outer_Full	37.88	39.84	Pass
30KHz	40MHz	CP-64QAM	Outer_Full	37.88	39.60	Pass
30KHz	40MHz	CP-256QAM	Outer_Full	37.80	39.76	Pass
30KHz	50MHz	DFT-Pi2BPSK	Outer_Full	45.65	48.00	Pass
30KHz	50MHz	DFT-QPSK	Outer_Full	45.65	47.90	Pass
30KHz	50MHz	CP-QPSK	Outer_Full	47.35	49.40	Pass
30KHz	50MHz	CP-16QAM	Outer_Full	47.35	49.70	Pass
30KHz	50MHz	CP-64QAM	Outer_Full	47.35	49.20	Pass
30KHz	50MHz	CP-256QAM	Outer_Full	47.35	49.40	Pass
30KHz	60MHz	DFT-Pi2BPSK	Outer_Full	57.78	59.52	Pass
30KHz	60MHz	DFT-QPSK	Outer_Full	57.78	59.88	Pass
30KHz	60MHz	CP-QPSK	Outer_Full	57.78	59.64	Pass
30KHz	60MHz	CP-16QAM	Outer_Full	57.78	59.76	Pass
30KHz	60MHz	CP-64QAM	Outer_Full	57.78	59.88	Pass
30KHz	60MHz	CP-256QAM	Outer_Full	57.66	59.52	Pass
30KHz	70MHz	DFT-Pi2BPSK	Outer_Full	64.06	66.64	Pass
30KHz	70MHz	DFT-QPSK	Outer_Full	64.06	66.22	Pass
30KHz	70MHz	CP-QPSK	Outer_Full	67.41	70.00	Pass
30KHz	70MHz	CP-16QAM	Outer_Full	67.41	70.28	Pass
30KHz	70MHz	CP-64QAM	Outer_Full	67.41	69.58	Pass
30KHz	70MHz	CP-256QAM	Outer_Full	67.41	69.44	Pass
30KHz	80MHz	DFT-Pi2BPSK	Outer_Full	77.04	81.28	Pass
30KHz	80MHz	DFT-QPSK	Outer_Full	77.04	80.48	Pass
30KHz	80MHz	CP-QPSK	Outer_Full	77.52	80.64	Pass
30KHz	80MHz	CP-16QAM	Outer_Full	77.52	81.28	Pass
30KHz	80MHz	CP-64QAM	Outer_Full	77.68	82.08	Pass
30KHz	80MHz	CP-256QAM	Outer_Full	77.52	81.28	Pass
30KHz	90MHz	DFT-Pi2BPSK	Outer_Full	86.67	90.72	Pass
30KHz	90MHz	DFT-QPSK	Outer_Full	86.67	90.00	Pass
30KHz	90MHz	CP-QPSK	Outer_Full	87.39	94.14	Pass
30KHz	90MHz	CP-16QAM	Outer_Full	87.39	90.90	Pass
30KHz	90MHz	CP-64QAM	Outer_Full	87.39	91.26	Pass

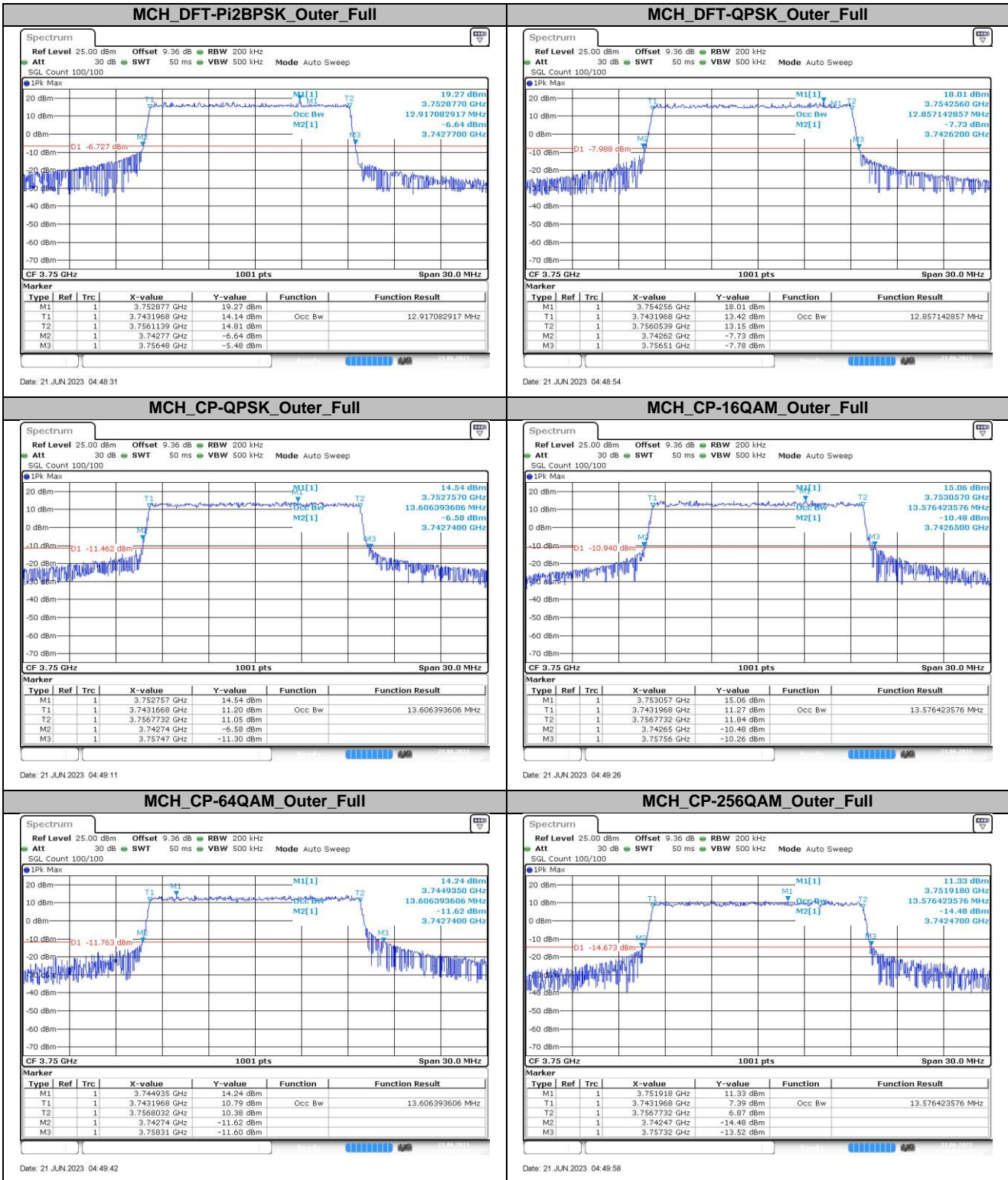
30KHz	90MHz	CP-256QAM	Outer_Full	87.39	90.54	Pass
30KHz	100MHz	DFT-Pi2BPSK	Outer_Full	96.50	102.00	Pass
30KHz	100MHz	DFT-QPSK	Outer_Full	96.50	100.80	Pass
30KHz	100MHz	CP-QPSK	Outer_Full	97.30	101.20	Pass
30KHz	100MHz	CP-16QAM	Outer_Full	97.30	101.00	Pass
30KHz	100MHz	CP-64QAM	Outer_Full	97.30	101.40	Pass
30KHz	100MHz	CP-256QAM	Outer_Full	97.50	100.60	Pass

4.2. Test Plots

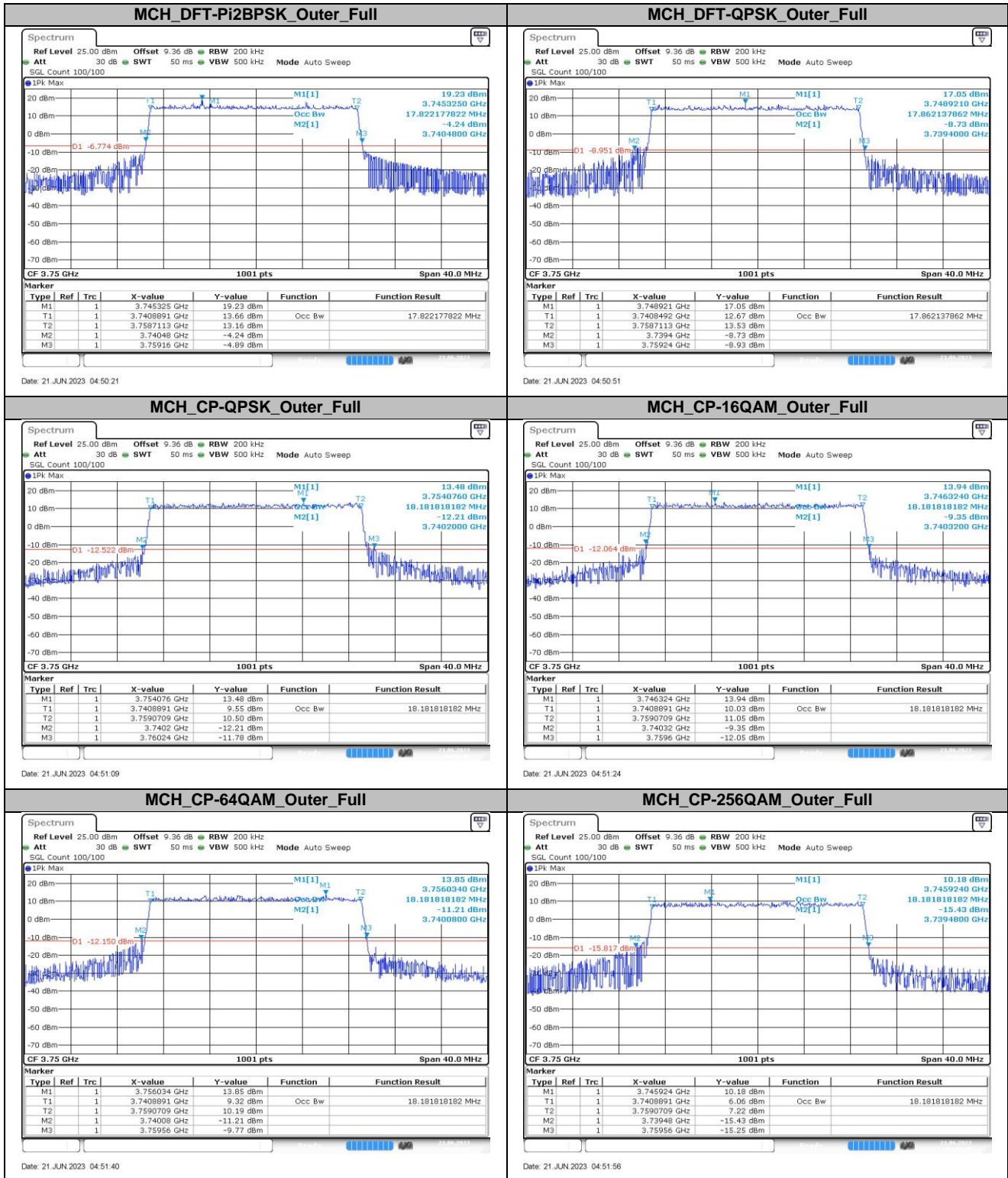
4.2.1. Bandwidth:10MHz



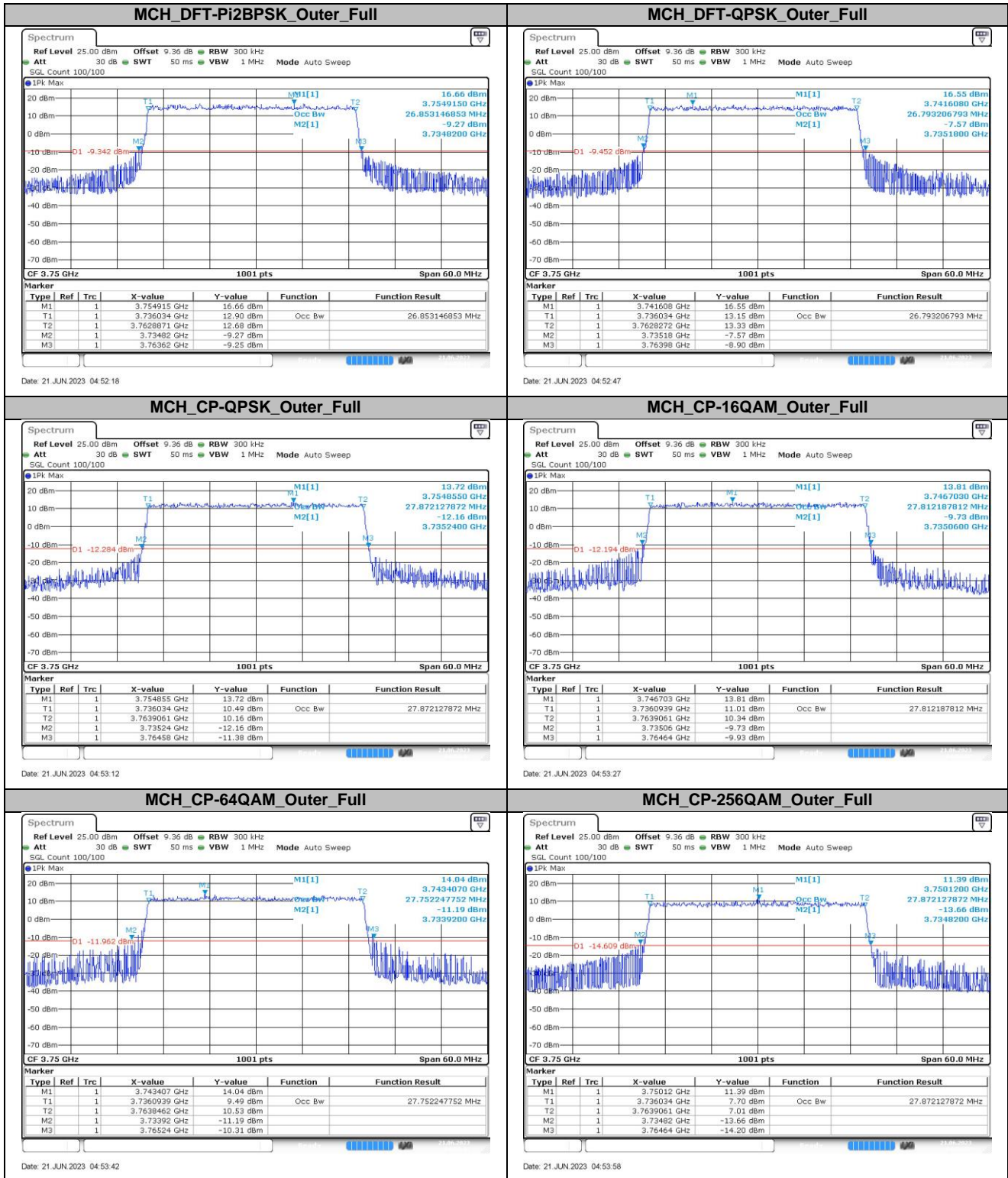
4.2.2. Bandwidth:15MHz



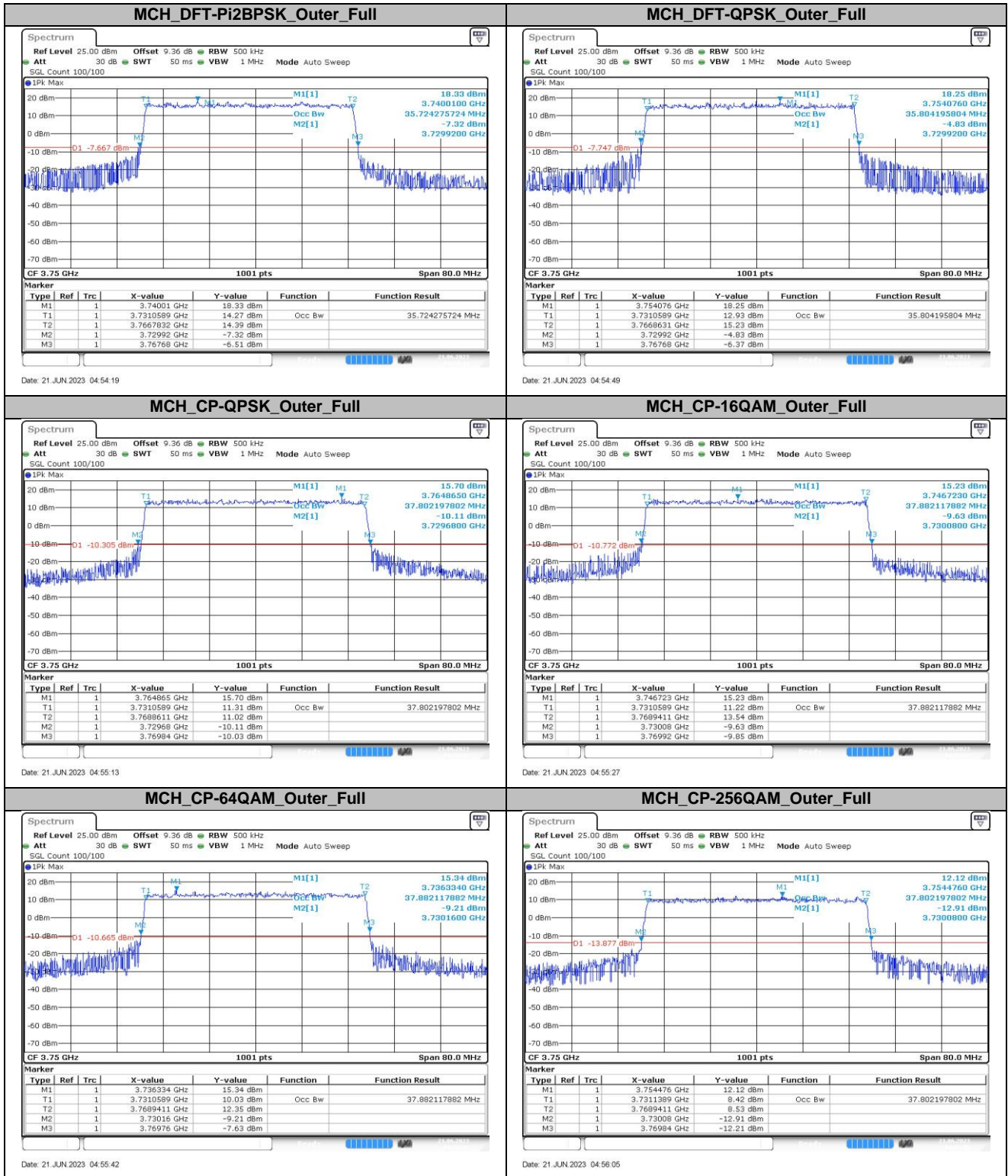
4.2.3. Bandwidth:20MHz



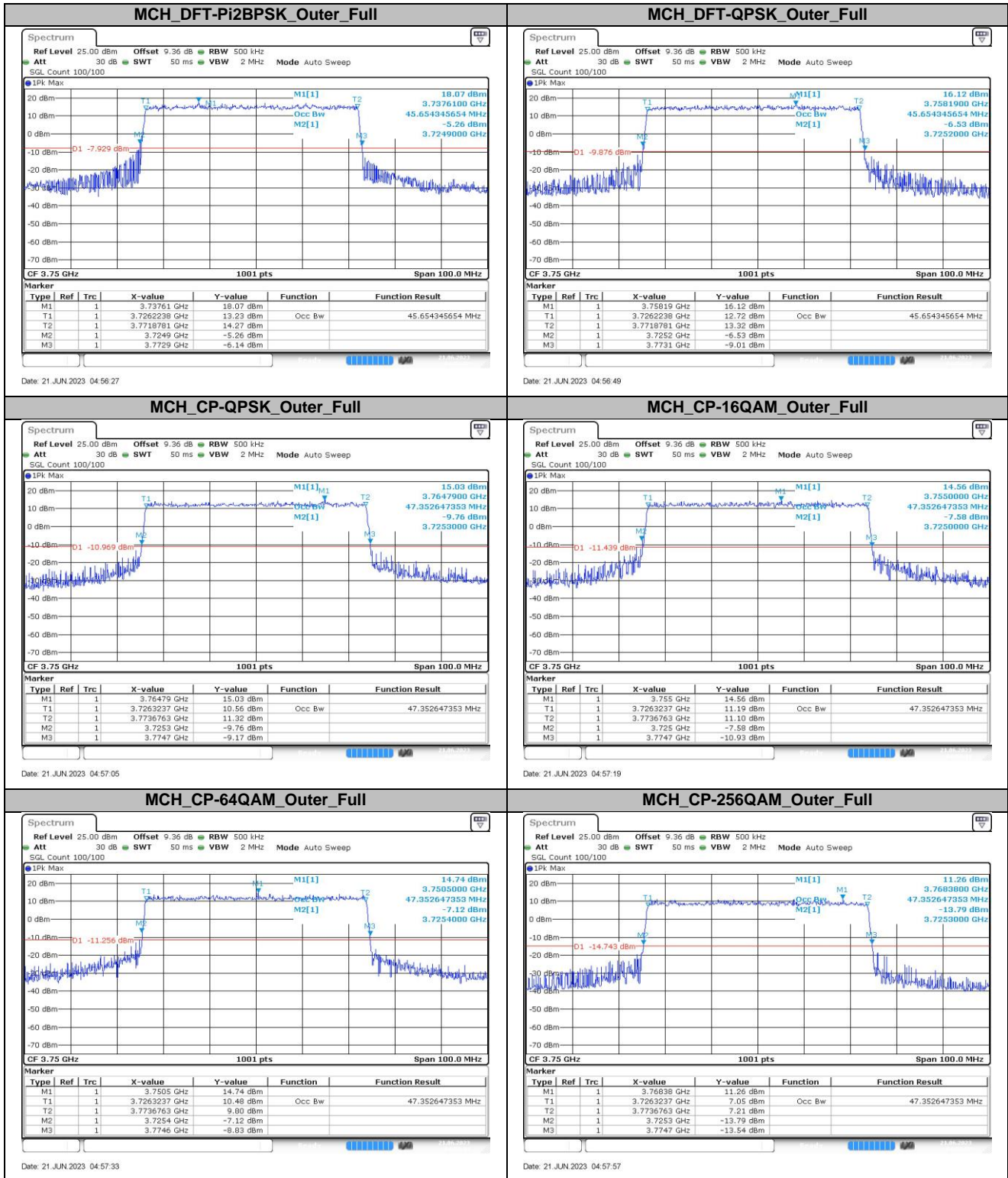
4.2.4. Bandwidth:30MHz



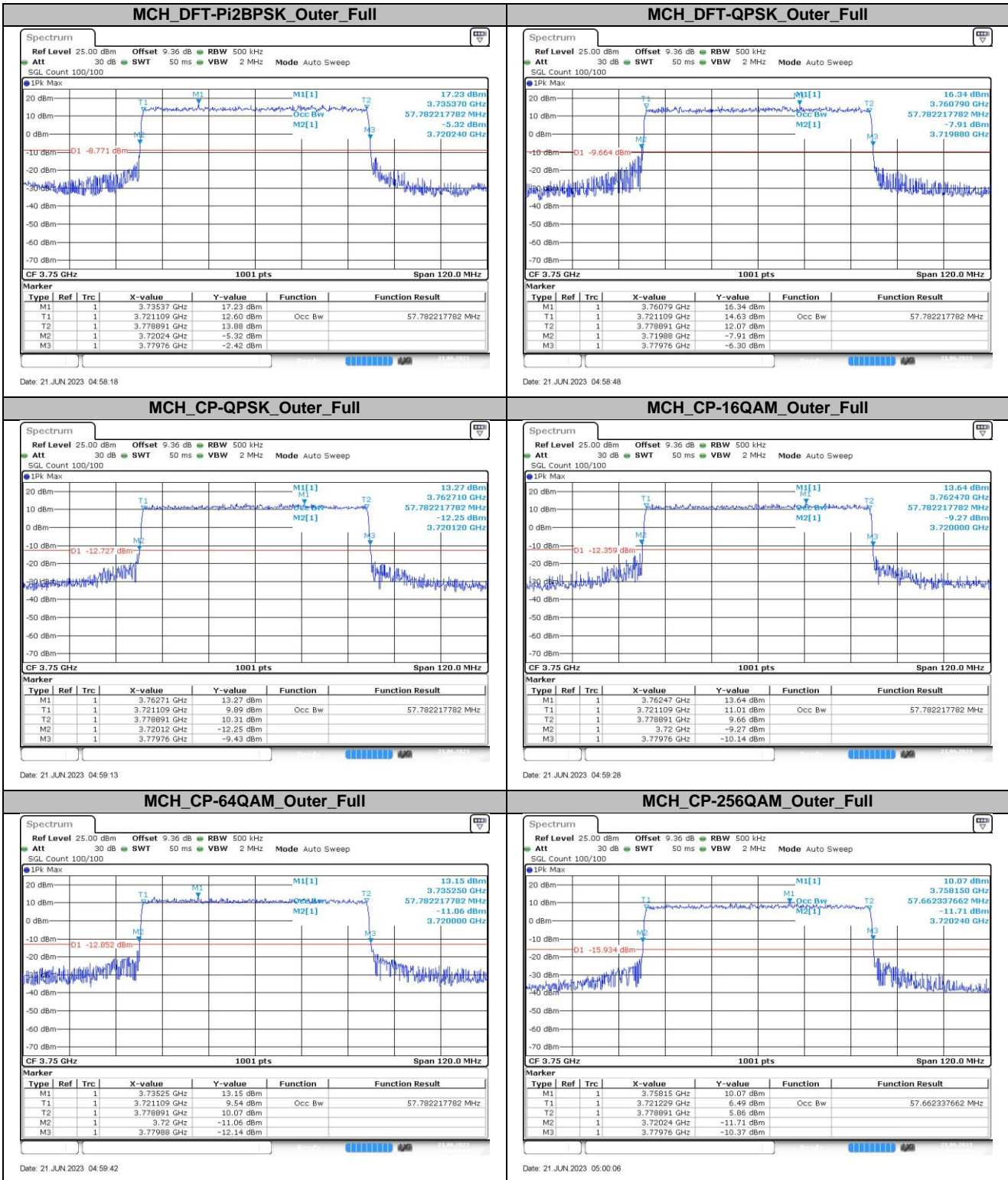
4.2.5. Bandwidth:40MHz



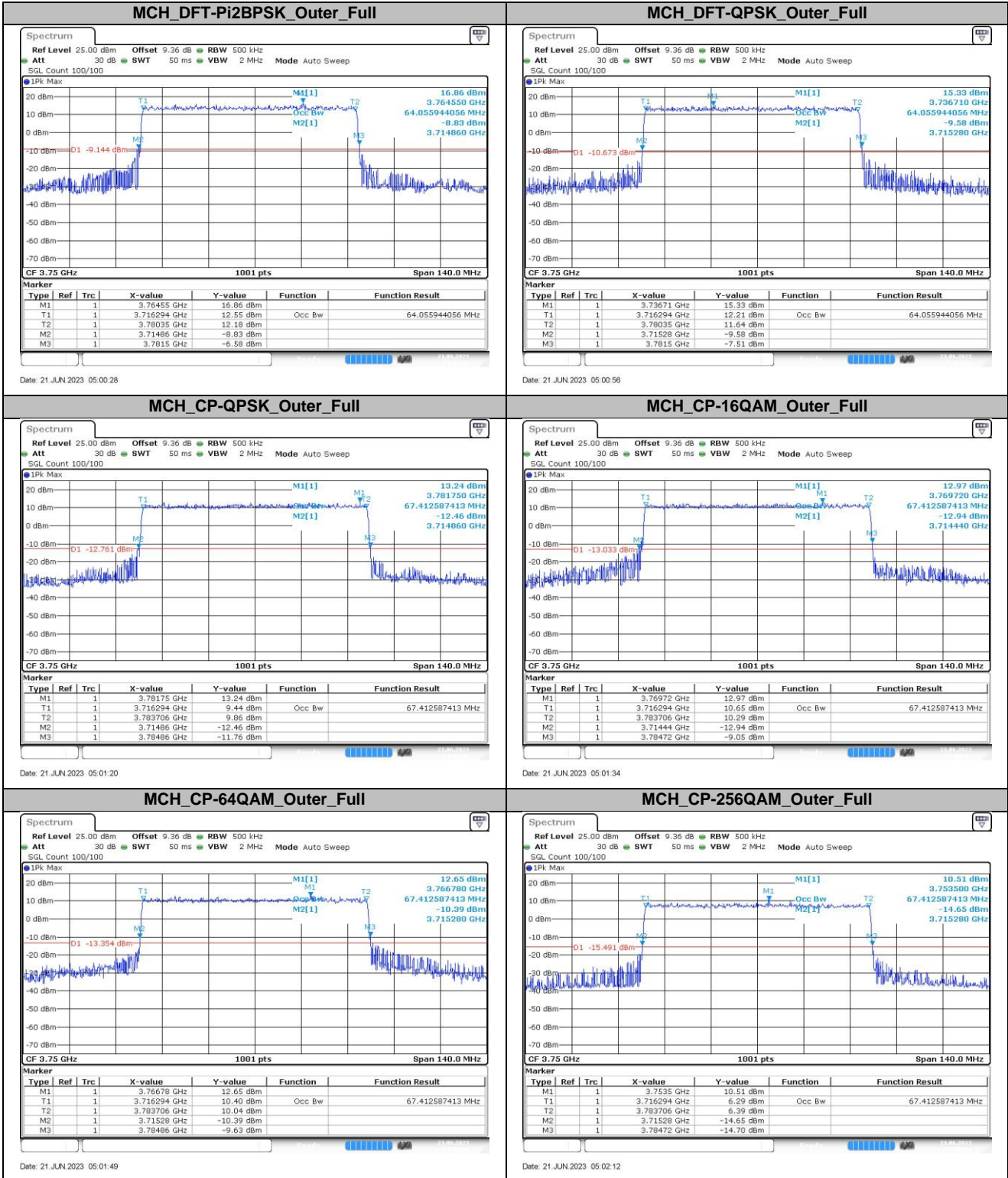
4.2.6. Bandwidth:50MHz



4.2.7. Bandwidth:60MHz



4.2.8. Bandwidth:70MHz



4.2.9. Bandwidth:80MHz

