

30KHz	20MHz	LCH	DFT-16QAM	22.33	22.41	22.34	19.24	33.00	Pass
30KHz	20MHz	LCH	DFT-64QAM	21.00	21.07	20.86	17.68	33.00	Pass
30KHz	20MHz	LCH	DFT-256QAM	18.76	18.79	18.87	15.76	33.00	Pass
30KHz	20MHz	LCH	CP-QPSK	21.61	21.67	21.92	18.75	33.00	Pass
30KHz	20MHz	MCH	DFT-Pi2BPSK	23.41	23.21	23.39	20.30	33.00	Pass
30KHz	20MHz	MCH	DFT-QPSK	23.70	23.70	23.49	21.07	33.00	Pass
30KHz	20MHz	MCH	DFT-16QAM	22.50	22.42	22.38	19.26	33.00	Pass
30KHz	20MHz	MCH	DFT-64QAM	21.23	21.10	20.97	17.75	33.00	Pass
30KHz	20MHz	MCH	DFT-256QAM	18.82	18.73	18.91	15.79	33.00	Pass
30KHz	20MHz	MCH	CP-QPSK	21.76	21.61	21.92	18.92	33.00	Pass
30KHz	20MHz	HCH	DFT-Pi2BPSK	23.14	23.13	23.25	20.31	33.00	Pass
30KHz	20MHz	HCH	DFT-QPSK	23.48	23.59	23.37	21.03	33.00	Pass
30KHz	20MHz	HCH	DFT-16QAM	22.24	22.18	22.31	19.29	33.00	Pass
30KHz	20MHz	HCH	DFT-64QAM	20.72	20.60	20.83	17.80	33.00	Pass
30KHz	20MHz	HCH	DFT-256QAM	18.79	18.96	18.73	15.78	33.00	Pass
30KHz	20MHz	HCH	CP-QPSK	21.62	21.54	21.77	18.85	33.00	Pass
30KHz	25MHz	LCH	DFT-Pi2BPSK	23.12	23.26	23.13	19.69	33.00	Pass
30KHz	25MHz	LCH	DFT-QPSK	23.86	23.71	23.21	20.31	33.00	Pass
30KHz	25MHz	LCH	DFT-16QAM	22.17	22.54	22.11	18.82	33.00	Pass
30KHz	25MHz	LCH	DFT-64QAM	20.54	20.73	20.68	17.00	33.00	Pass
30KHz	25MHz	LCH	DFT-256QAM	18.58	18.60	18.71	15.33	33.00	Pass
30KHz	25MHz	LCH	CP-QPSK	21.43	21.55	21.63	18.02	33.00	Pass
30KHz	25MHz	MCH	DFT-Pi2BPSK	23.21	23.17	23.16	19.62	33.00	Pass
30KHz	25MHz	MCH	DFT-QPSK	23.89	23.91	23.20	20.18	33.00	Pass
30KHz	25MHz	MCH	DFT-16QAM	22.25	22.23	22.20	18.57	33.00	Pass
30KHz	25MHz	MCH	DFT-64QAM	20.79	20.67	20.70	17.19	33.00	Pass
30KHz	25MHz	MCH	DFT-256QAM	18.62	18.55	18.68	15.18	33.00	Pass
30KHz	25MHz	MCH	CP-QPSK	21.58	21.46	21.62	19.38	33.00	Pass
30KHz	25MHz	HCH	DFT-Pi2BPSK	23.12	23.08	23.15	19.82	33.00	Pass
30KHz	25MHz	HCH	DFT-QPSK	23.71	23.55	23.10	20.81	33.00	Pass
30KHz	25MHz	HCH	DFT-16QAM	22.05	22.05	22.15	18.87	33.00	Pass
30KHz	25MHz	HCH	DFT-64QAM	20.62	20.61	20.64	17.07	33.00	Pass
30KHz	25MHz	HCH	DFT-256QAM	18.56	18.67	18.53	15.36	33.00	Pass
30KHz	25MHz	HCH	CP-QPSK	21.29	21.24	21.47	18.88	33.00	Pass
30KHz	30MHz	LCH	DFT-Pi2BPSK	23.14	23.16	23.26	19.71	33.00	Pass
30KHz	30MHz	LCH	DFT-QPSK	23.93	23.65	23.40	20.44	33.00	Pass
30KHz	30MHz	LCH	DFT-16QAM	22.14	22.40	22.19	18.90	33.00	Pass
30KHz	30MHz	LCH	DFT-64QAM	20.70	20.94	20.78	17.27	33.00	Pass
30KHz	30MHz	LCH	DFT-256QAM	18.55	18.77	18.70	15.27	33.00	Pass
30KHz	30MHz	LCH	CP-QPSK	21.51	21.66	21.74	18.92	33.00	Pass
30KHz	30MHz	MCH	DFT-Pi2BPSK	23.26	23.17	23.27	19.71	33.00	Pass
30KHz	30MHz	MCH	DFT-QPSK	23.95	23.94	23.31	20.40	33.00	Pass
30KHz	30MHz	MCH	DFT-16QAM	22.54	22.22	22.21	18.77	33.00	Pass
30KHz	30MHz	MCH	DFT-64QAM	20.96	20.84	20.88	17.13	33.00	Pass
30KHz	30MHz	MCH	DFT-256QAM	18.64	18.69	18.79	15.21	33.00	Pass
30KHz	30MHz	MCH	CP-QPSK	21.62	21.58	21.76	19.00	33.00	Pass
30KHz	30MHz	HCH	DFT-Pi2BPSK	23.10	23.13	23.18	19.75	33.00	Pass
30KHz	30MHz	HCH	DFT-QPSK	23.47	23.51	23.14	20.74	33.00	Pass
30KHz	30MHz	HCH	DFT-16QAM	22.15	22.15	22.11	18.74	33.00	Pass
30KHz	30MHz	HCH	DFT-64QAM	20.58	20.59	20.74	17.15	33.00	Pass
30KHz	30MHz	HCH	DFT-256QAM	18.78	18.66	18.66	15.45	33.00	Pass
30KHz	30MHz	HCH	CP-QPSK	21.40	21.48	21.68	19.94	33.00	Pass
30KHz	40MHz	LCH	DFT-Pi2BPSK	23.06	23.18	23.21	19.87	33.00	Pass
30KHz	40MHz	LCH	DFT-QPSK	23.99	23.48	23.28	20.59	33.00	Pass
30KHz	40MHz	LCH	DFT-16QAM	22.21	22.36	22.27	18.88	33.00	Pass
30KHz	40MHz	LCH	DFT-64QAM	20.80	20.90	20.78	17.38	33.00	Pass
30KHz	40MHz	LCH	DFT-256QAM	18.59	18.63	18.74	15.35	33.00	Pass
30KHz	40MHz	LCH	CP-QPSK	21.50	21.47	21.75	18.73	33.00	Pass
30KHz	40MHz	MCH	DFT-Pi2BPSK	23.21	23.04	23.29	19.88	33.00	Pass
30KHz	40MHz	MCH	DFT-QPSK	23.58	23.96	23.27	20.58	33.00	Pass
30KHz	40MHz	MCH	DFT-16QAM	22.28	22.11	22.27	18.86	33.00	Pass
30KHz	40MHz	MCH	DFT-64QAM	20.84	20.80	20.75	17.37	33.00	Pass

30KHz	40MHz	MCH	DFT-256QAM	18.68	18.62	18.69	15.40	33.00	Pass
30KHz	40MHz	MCH	CP-QPSK	21.57	21.35	21.75	18.58	33.00	Pass
30KHz	40MHz	HCH	DFT-Pi2BPSK	23.15	23.10	23.26	19.99	33.00	Pass
30KHz	40MHz	HCH	DFT-QPSK	23.60	23.51	23.24	20.87	33.00	Pass
30KHz	40MHz	HCH	DFT-16QAM	22.21	22.19	22.32	18.88	33.00	Pass
30KHz	40MHz	HCH	DFT-64QAM	20.64	20.54	20.80	17.48	33.00	Pass
30KHz	40MHz	HCH	DFT-256QAM	18.84	18.83	18.69	15.39	33.00	Pass
30KHz	40MHz	HCH	CP-QPSK	21.62	21.46	21.66	18.83	33.00	Pass
30KHz	50MHz	LCH	DFT-Pi2BPSK	23.44	23.51	23.33	19.87	33.00	Pass
30KHz	50MHz	LCH	DFT-QPSK	23.74	23.87	23.17	20.59	33.00	Pass
30KHz	50MHz	LCH	DFT-16QAM	22.05	22.11	22.20	18.88	33.00	Pass
30KHz	50MHz	LCH	DFT-64QAM	20.57	20.49	20.76	17.38	33.00	Pass
30KHz	50MHz	LCH	DFT-256QAM	18.62	18.63	18.67	15.35	33.00	Pass
30KHz	50MHz	LCH	CP-QPSK	21.45	21.49	21.70	18.73	33.00	Pass
30KHz	50MHz	MCH	DFT-Pi2BPSK	23.21	23.13	23.21	19.88	33.00	Pass
30KHz	50MHz	MCH	DFT-QPSK	23.85	23.82	23.29	20.58	33.00	Pass
30KHz	50MHz	MCH	DFT-16QAM	22.16	22.15	22.29	18.86	33.00	Pass
30KHz	50MHz	MCH	DFT-64QAM	20.84	20.78	20.82	17.37	33.00	Pass
30KHz	50MHz	MCH	DFT-256QAM	18.72	18.55	18.76	15.40	33.00	Pass
30KHz	50MHz	MCH	CP-QPSK	21.61	21.48	21.75	18.58	33.00	Pass
30KHz	50MHz	HCH	DFT-Pi2BPSK	23.22	23.20	23.25	19.99	33.00	Pass
30KHz	50MHz	HCH	DFT-QPSK	23.91	23.39	23.25	20.87	33.00	Pass
30KHz	50MHz	HCH	DFT-16QAM	22.32	22.21	22.25	18.88	33.00	Pass
30KHz	50MHz	HCH	DFT-64QAM	20.86	20.76	20.78	17.48	33.00	Pass
30KHz	50MHz	HCH	DFT-256QAM	18.72	18.66	18.61	15.39	33.00	Pass
30KHz	50MHz	HCH	CP-QPSK	21.58	21.53	21.73	18.83	33.00	Pass

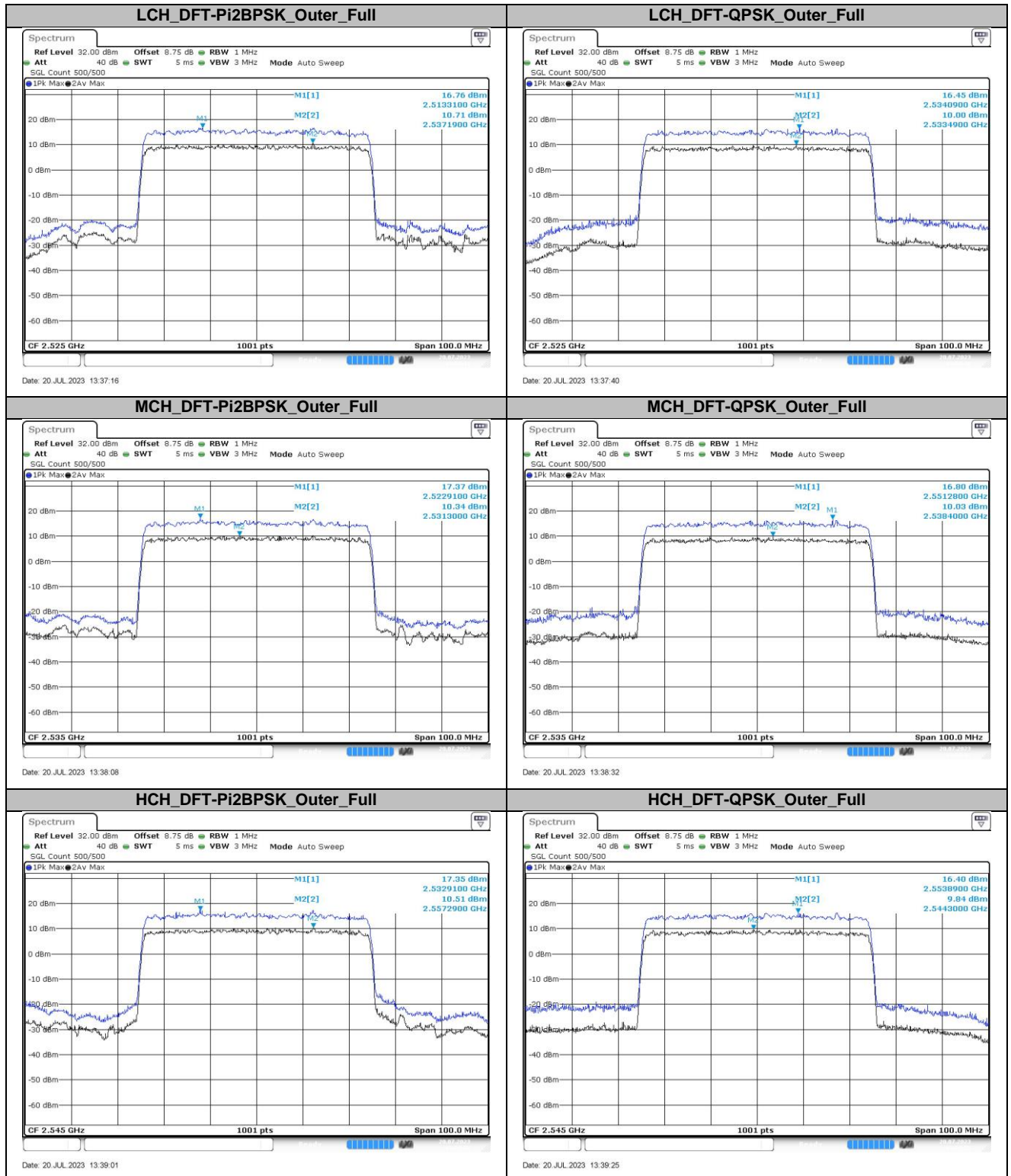
## 2. Peak-to-Average Ratio

### 2.1. Test Results

SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	50MHz	LCH	Outer_Full	6.05	6.45	13.00	Pass
15KHz	50MHz	MCH	Outer_Full	7.03	6.77	13.00	Pass
15KHz	50MHz	HCH	Outer_Full	6.84	6.56	13.00	Pass

### 2.2. Test Plots

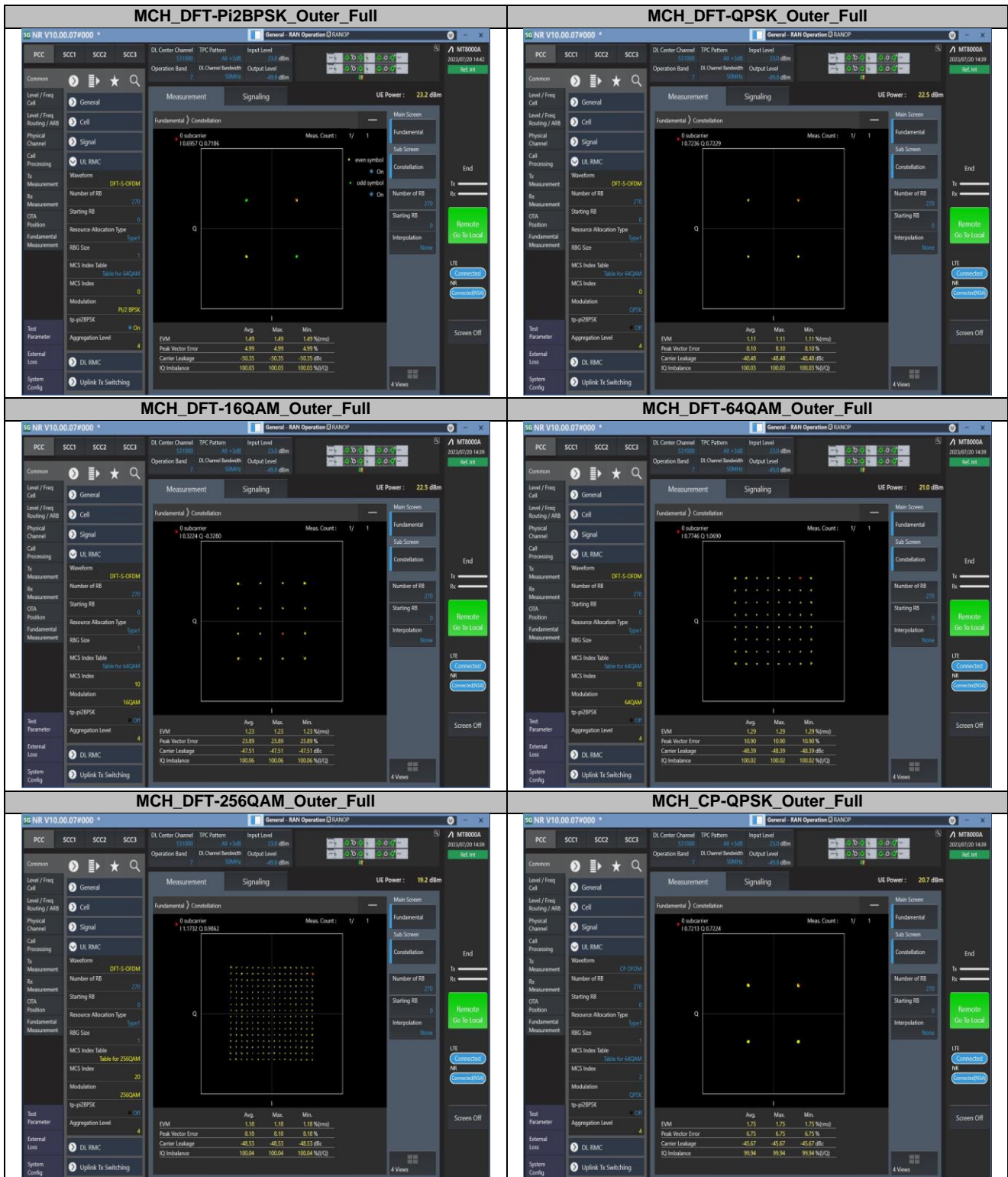
#### 2.2.1. Bandwidth:50MHz

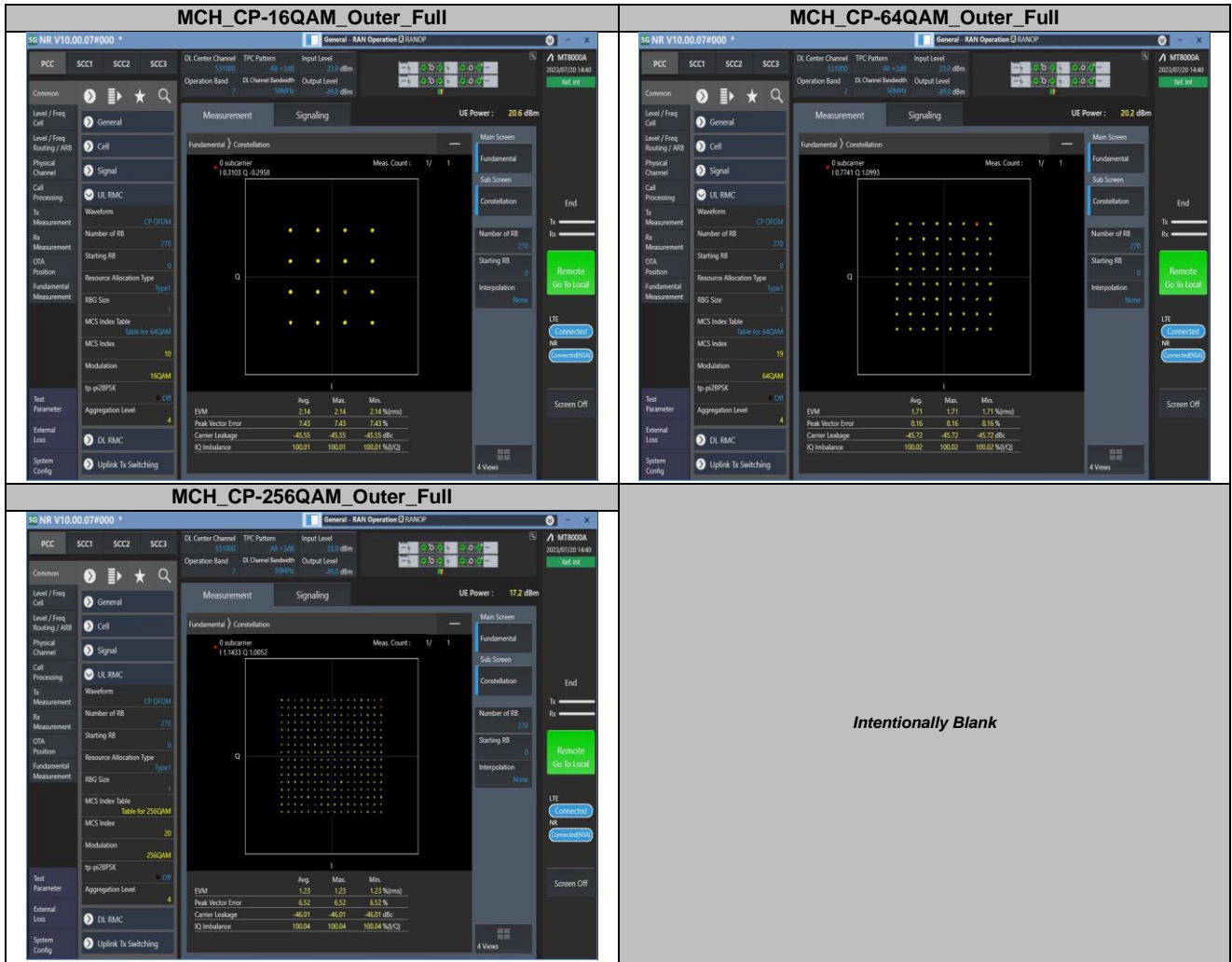


### 3. Modulation Characteristics

#### 3.1. Test Plots

##### 3.1.1. Bandwidth:50MHZ





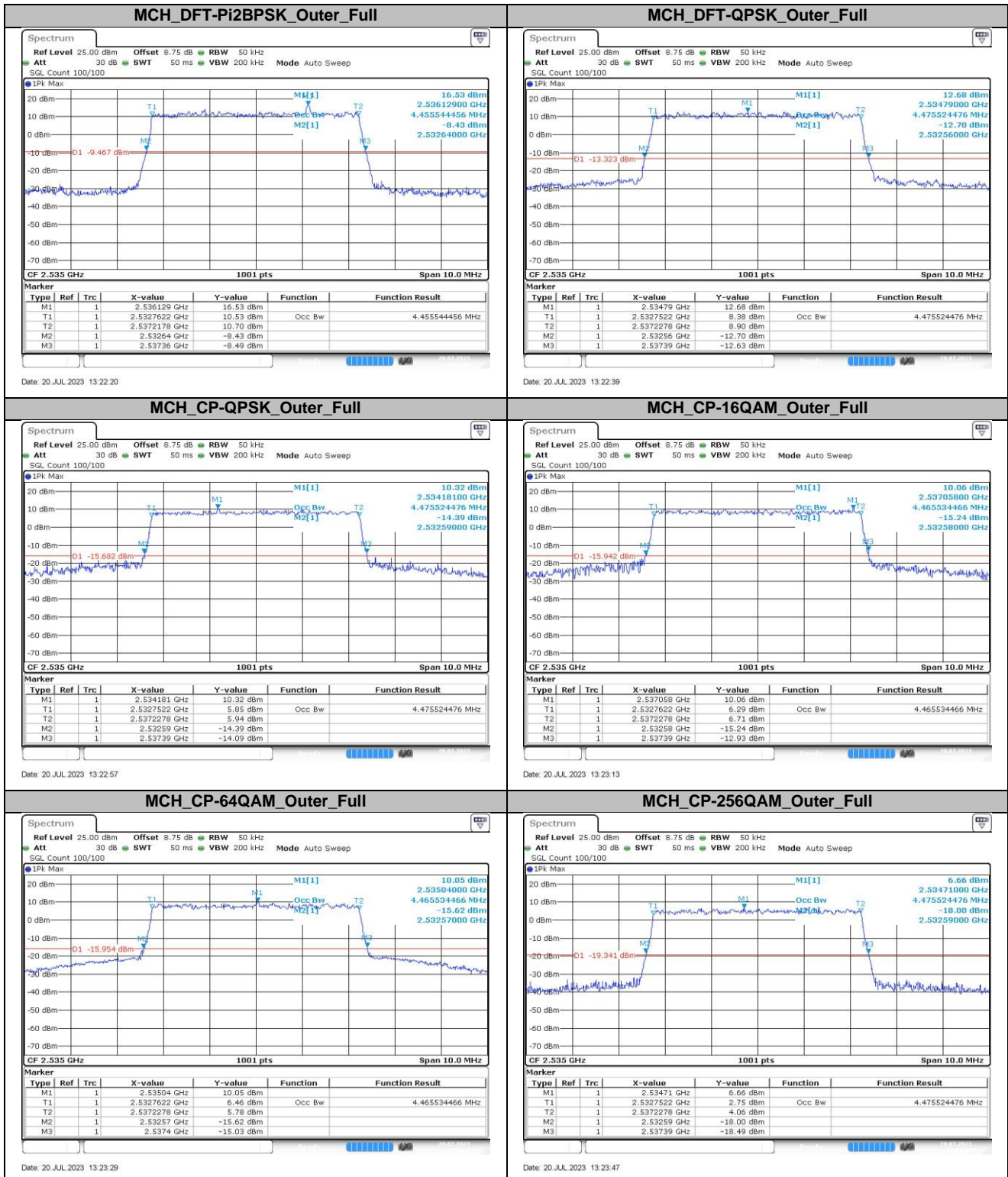
## 4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

### 4.1. Test Results

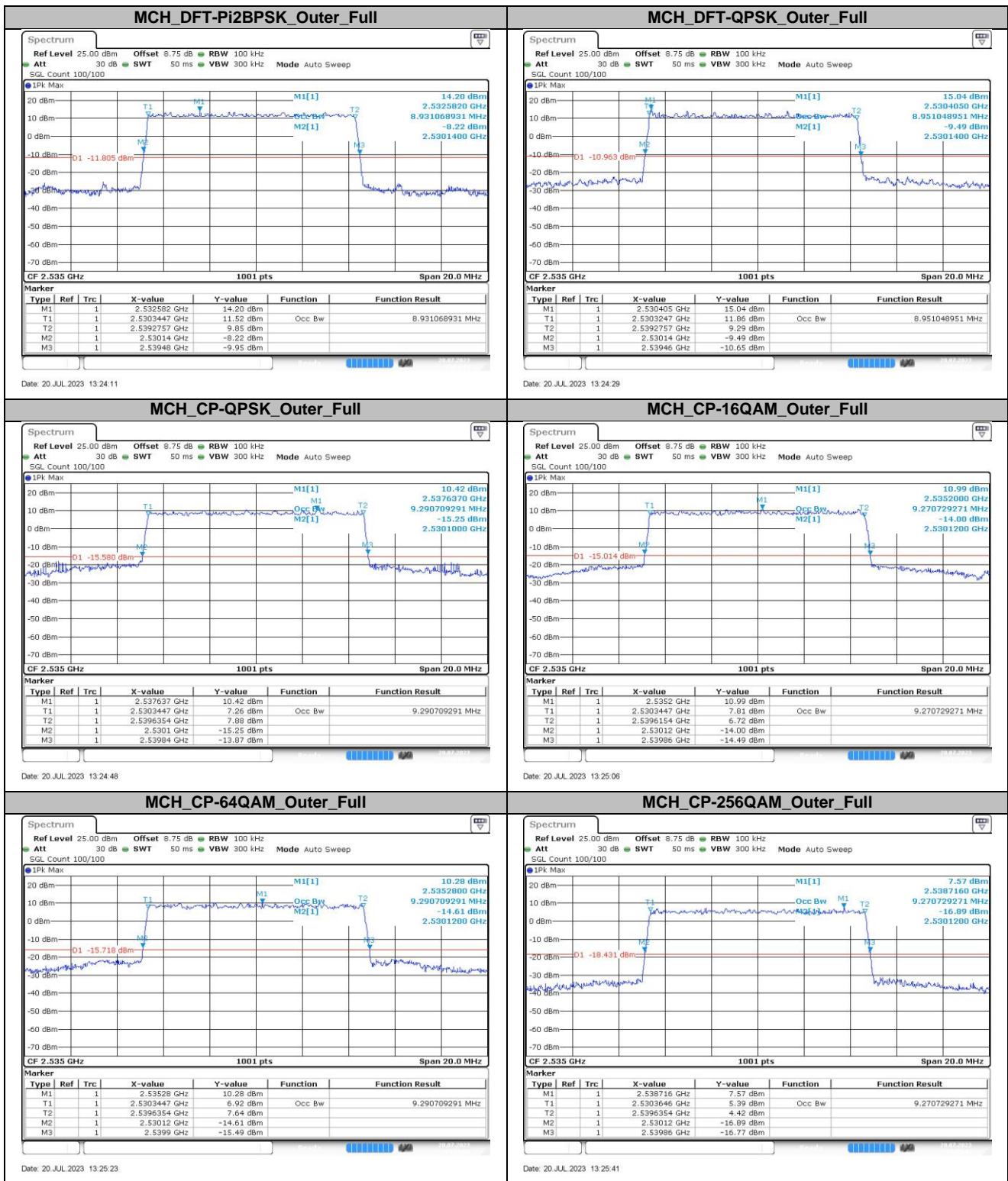
SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.46	4.72	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.48	4.83	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.48	4.80	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.47	4.81	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.47	4.83	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.48	4.80	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.93	9.34	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.95	9.32	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.29	9.74	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.27	9.74	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.29	9.78	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.27	9.74	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.40	14.13	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.43	14.10	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.12	14.85	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.15	14.91	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.09	14.82	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.09	14.76	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.82	18.60	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.82	18.56	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.94	19.72	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.94	19.72	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.90	19.72	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.90	19.76	Pass
15KHz	25MHz	DFT-Pi2BPSK	Outer_Full	22.93	23.90	Pass
15KHz	25MHz	DFT-QPSK	Outer_Full	22.88	23.85	Pass
15KHz	25MHz	CP-QPSK	Outer_Full	23.78	24.80	Pass
15KHz	25MHz	CP-16QAM	Outer_Full	23.78	24.75	Pass
15KHz	25MHz	CP-64QAM	Outer_Full	23.78	24.70	Pass
15KHz	25MHz	CP-256QAM	Outer_Full	23.73	24.75	Pass
15KHz	30MHz	DFT-Pi2BPSK	Outer_Full	28.53	29.64	Pass
15KHz	30MHz	DFT-QPSK	Outer_Full	28.53	29.70	Pass
15KHz	30MHz	CP-QPSK	Outer_Full	28.53	31.38	Pass
15KHz	30MHz	CP-16QAM	Outer_Full	28.59	29.76	Pass
15KHz	30MHz	CP-64QAM	Outer_Full	28.47	29.70	Pass
15KHz	30MHz	CP-256QAM	Outer_Full	28.53	29.82	Pass
15KHz	40MHz	DFT-Pi2BPSK	Outer_Full	38.52	40.16	Pass
15KHz	40MHz	DFT-QPSK	Outer_Full	38.52	40.16	Pass
15KHz	40MHz	CP-QPSK	Outer_Full	38.60	40.16	Pass
15KHz	40MHz	CP-16QAM	Outer_Full	38.52	40.08	Pass
15KHz	40MHz	CP-64QAM	Outer_Full	38.52	40.08	Pass
15KHz	40MHz	CP-256QAM	Outer_Full	38.52	40.16	Pass
15KHz	50MHz	DFT-Pi2BPSK	Outer_Full	48.15	49.80	Pass
15KHz	50MHz	DFT-QPSK	Outer_Full	48.05	49.90	Pass
15KHz	50MHz	CP-QPSK	Outer_Full	48.15	50.00	Pass
15KHz	50MHz	CP-16QAM	Outer_Full	48.25	49.80	Pass
15KHz	50MHz	CP-64QAM	Outer_Full	48.15	49.80	Pass
15KHz	50MHz	CP-256QAM	Outer_Full	47.95	49.80	Pass

4.2. Test Plots

4.2.1. Bandwidth:5MHz

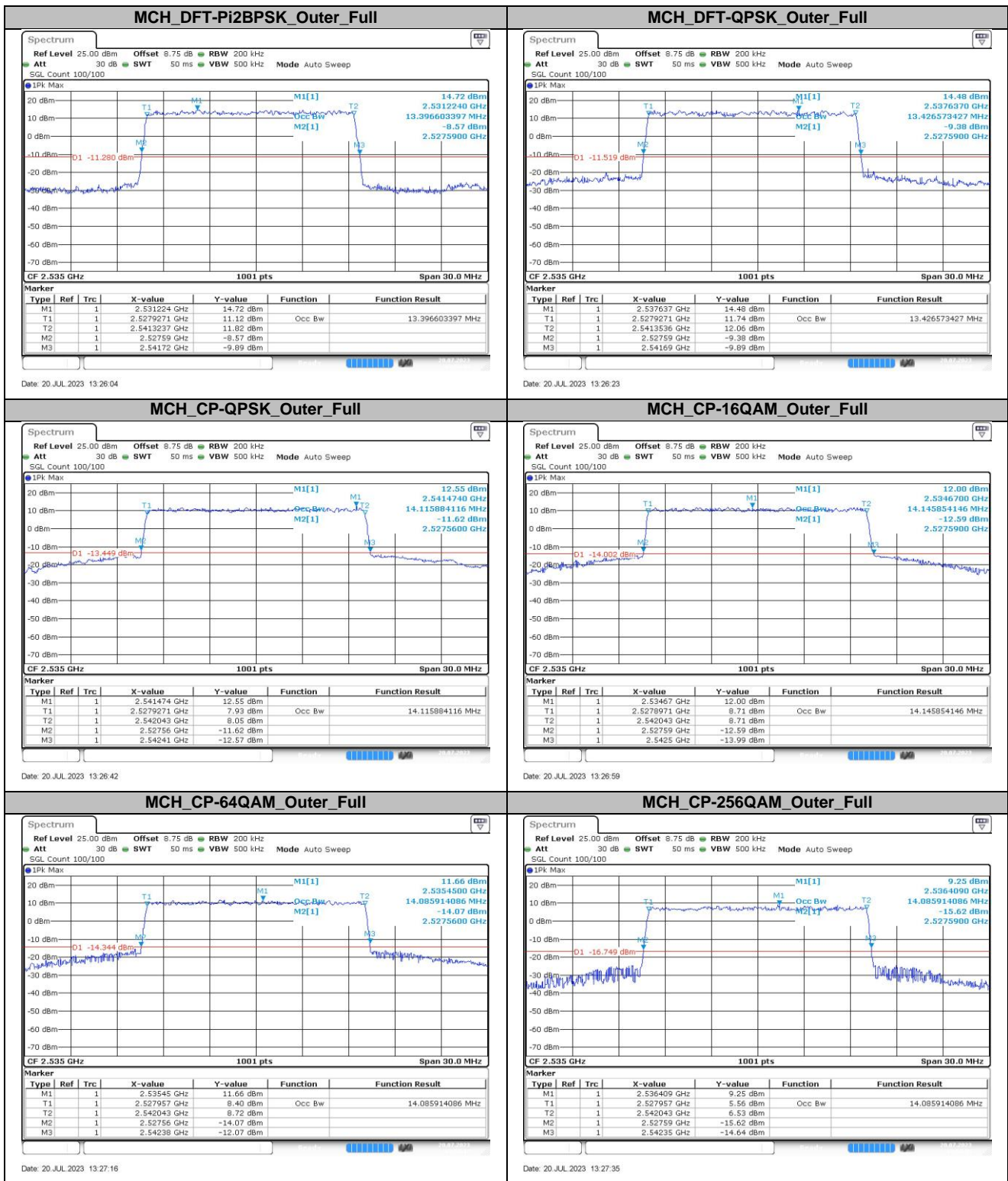


4.2.2. Bandwidth:10MHz

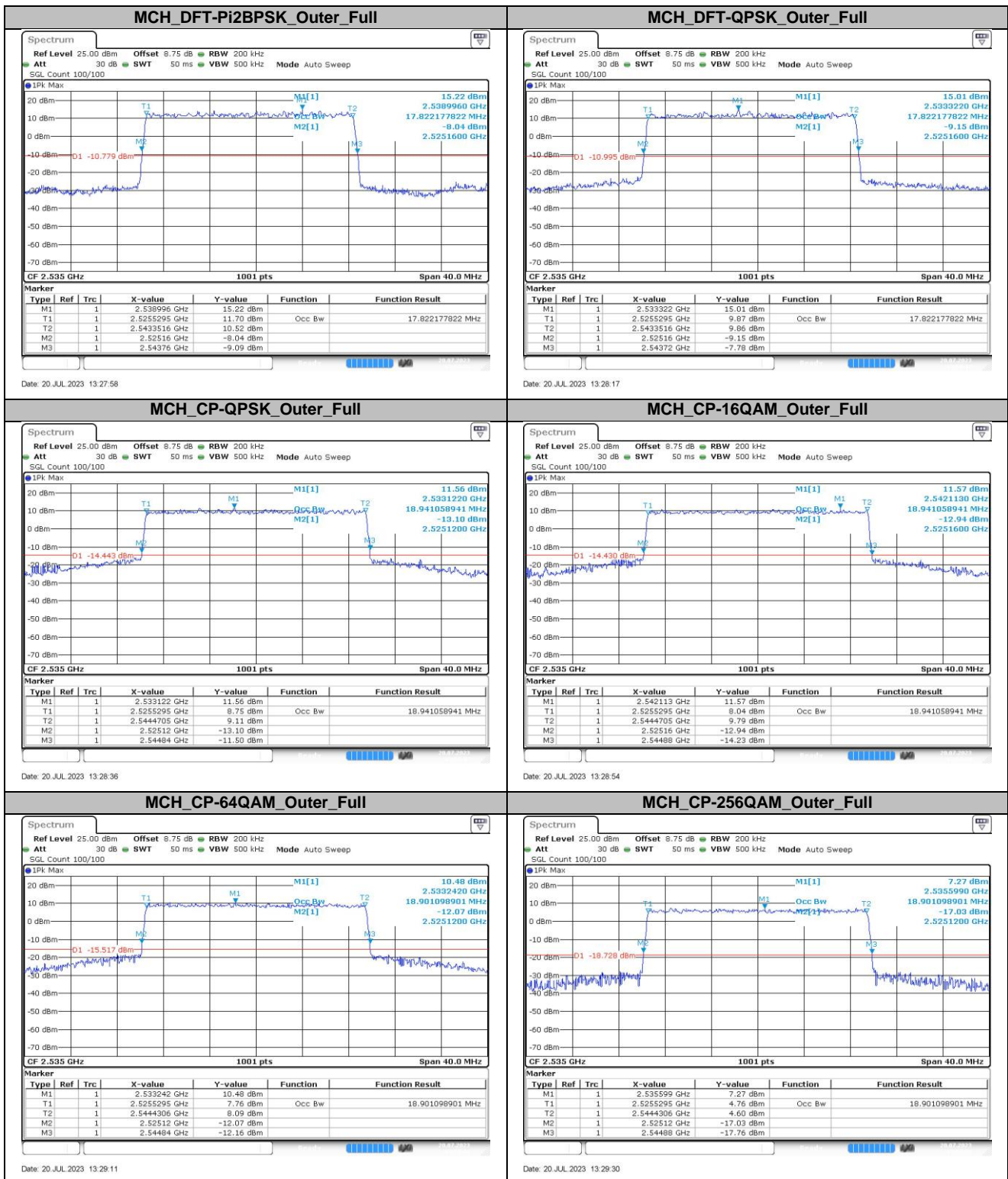




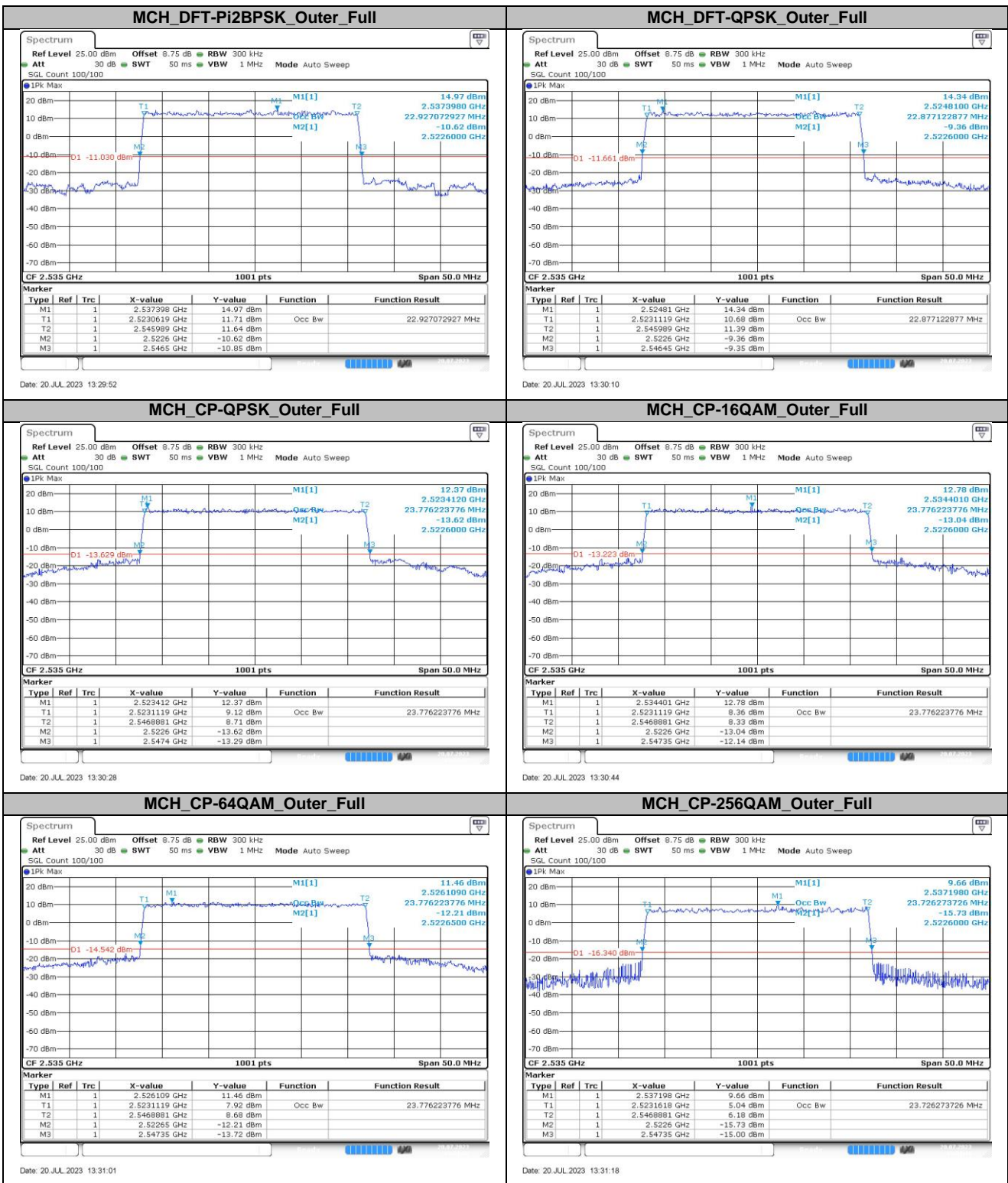
4.2.3. Bandwidth:15MHz



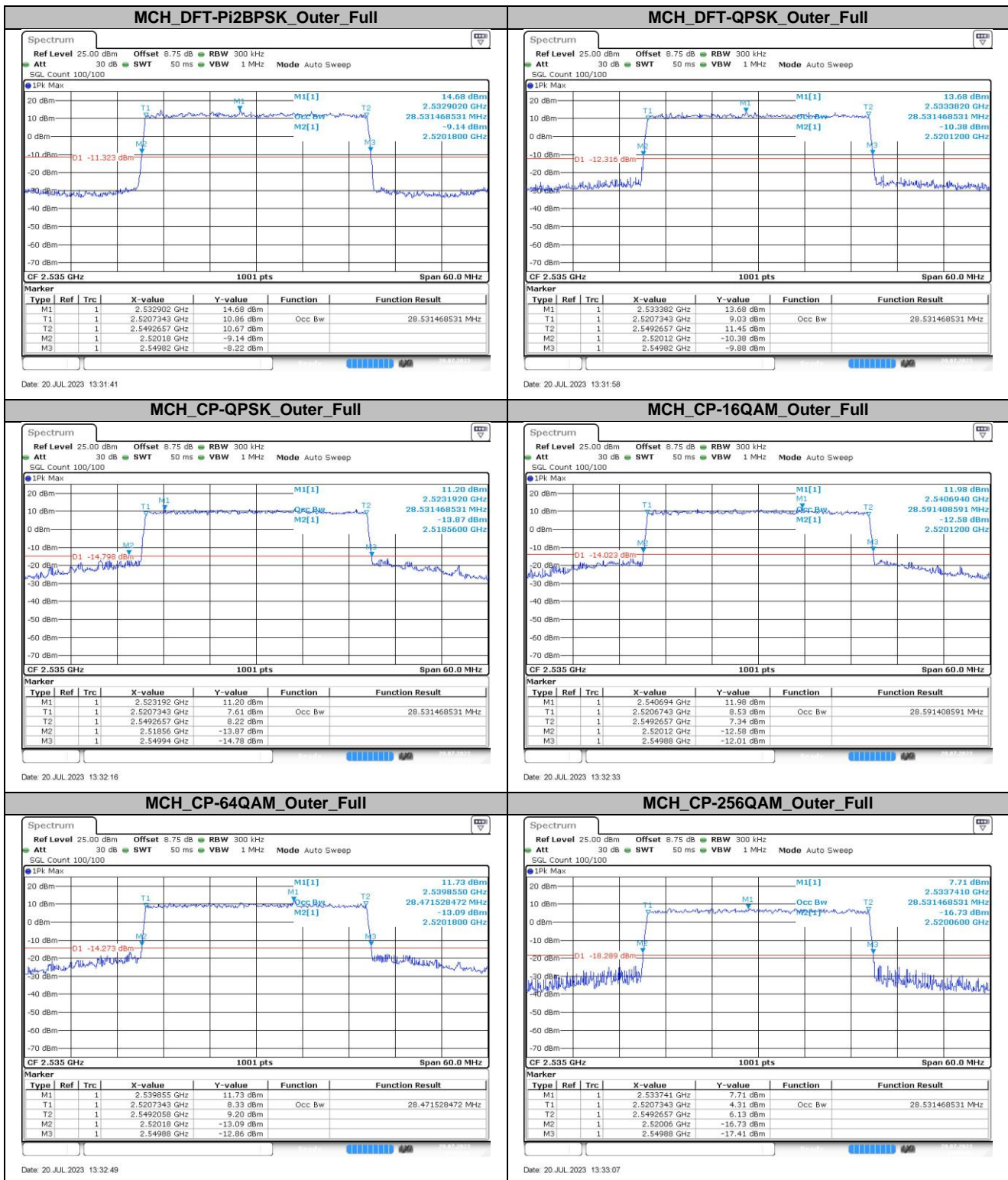
4.2.4. Bandwidth:20MHz



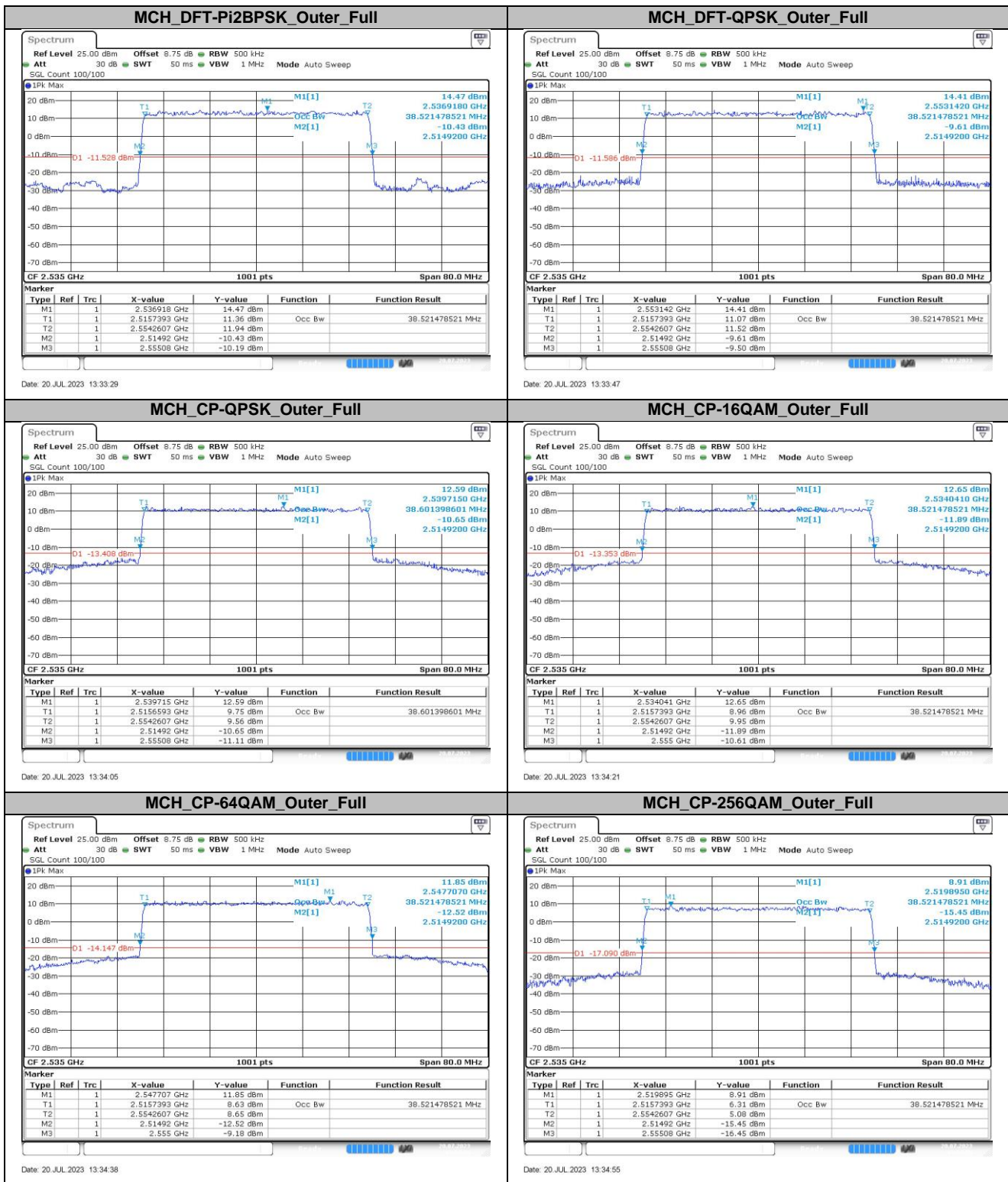
4.2.5. Bandwidth:25MHz



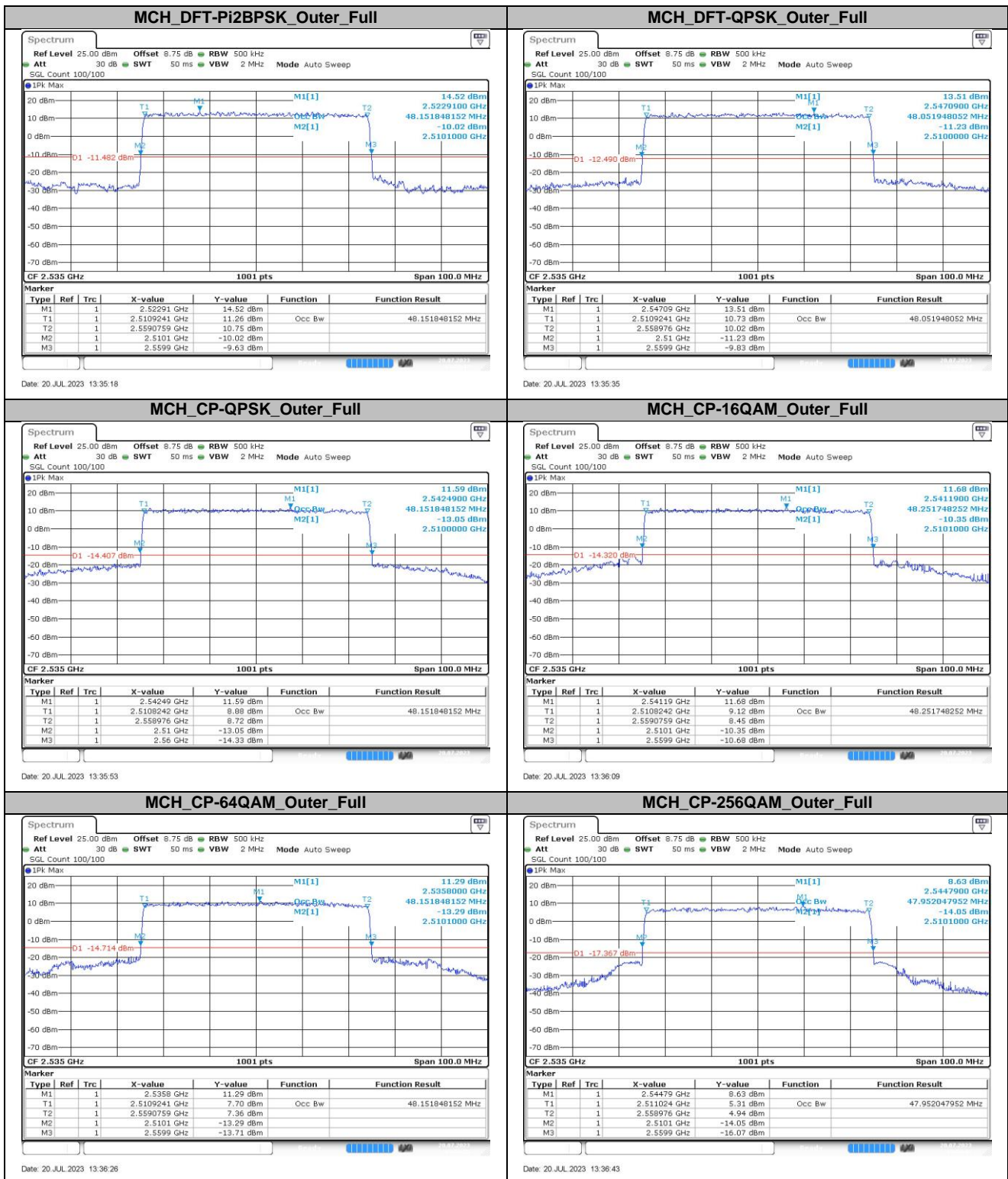
4.2.6. Bandwidth:30MHz



4.2.7. Bandwidth:40MHz



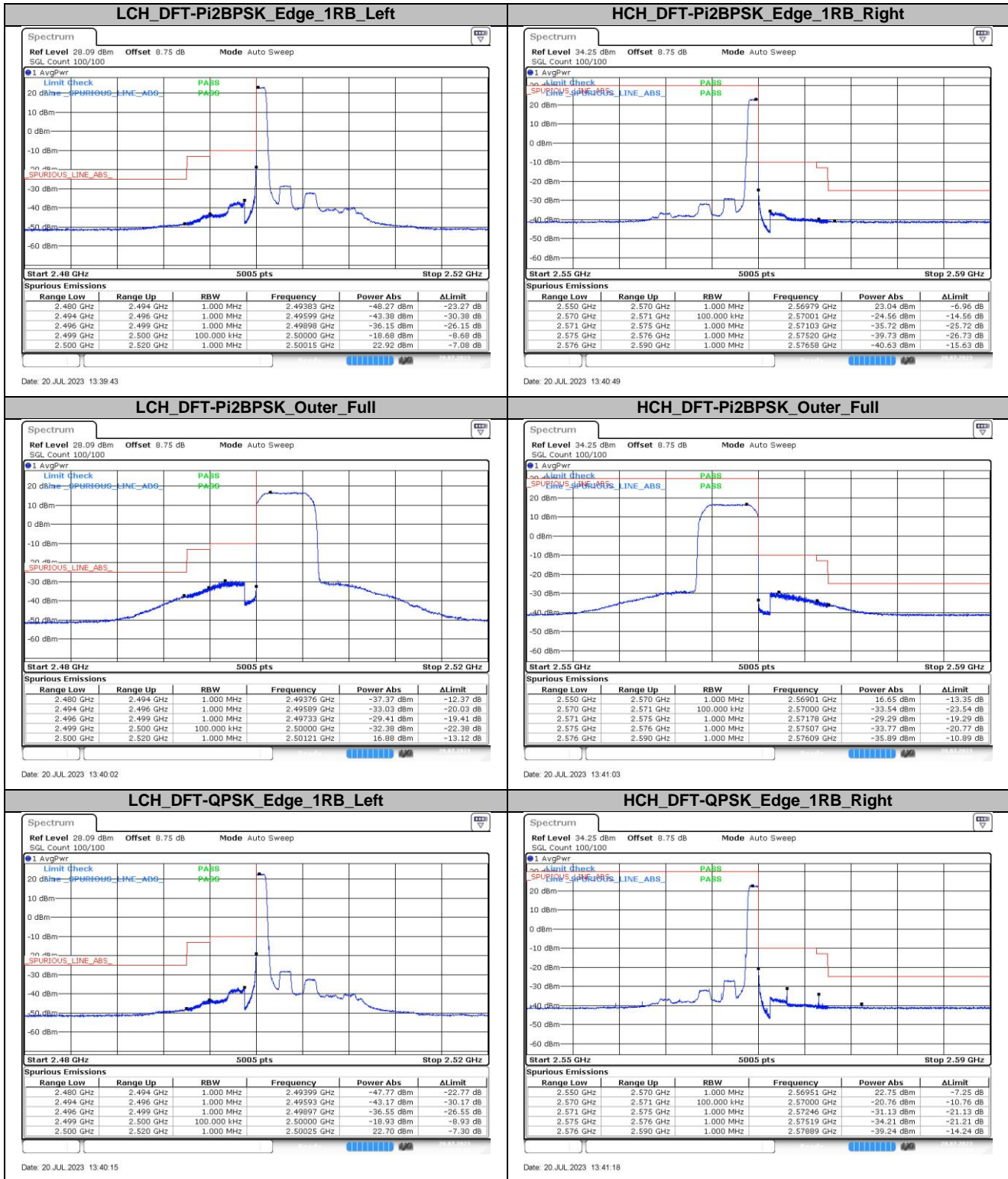
4.2.8. Bandwidth:50MHz

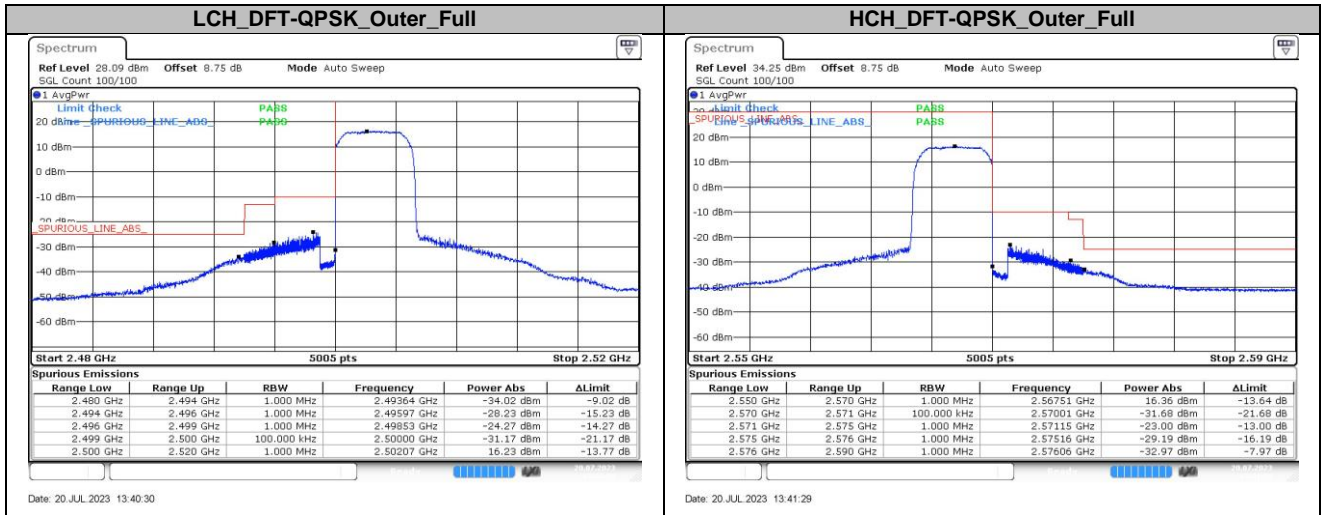


### 5. Conducted Band Edges

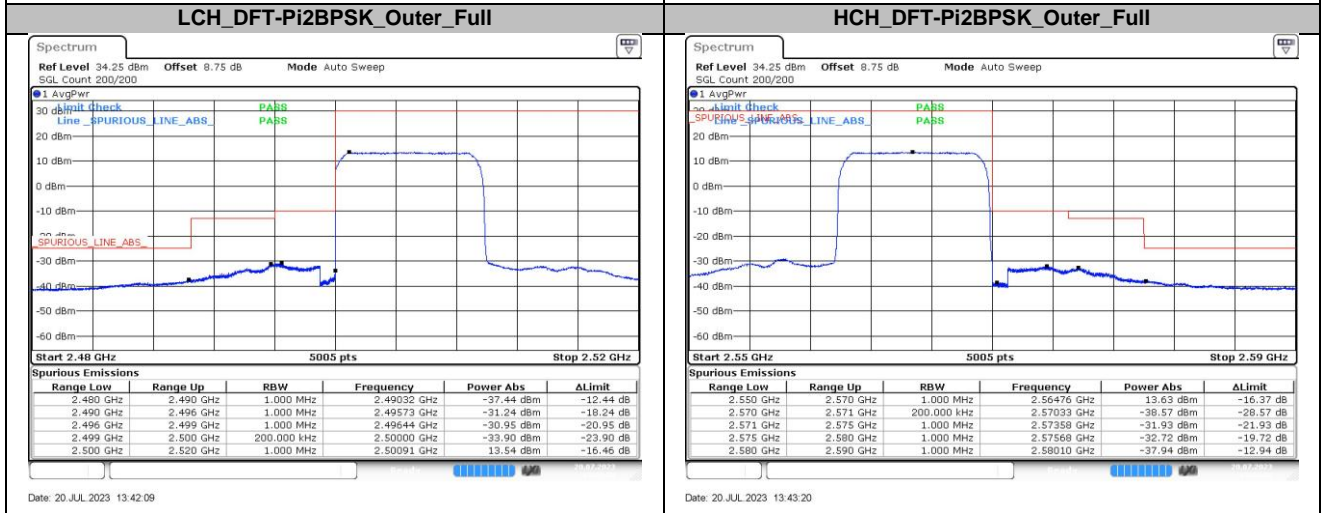
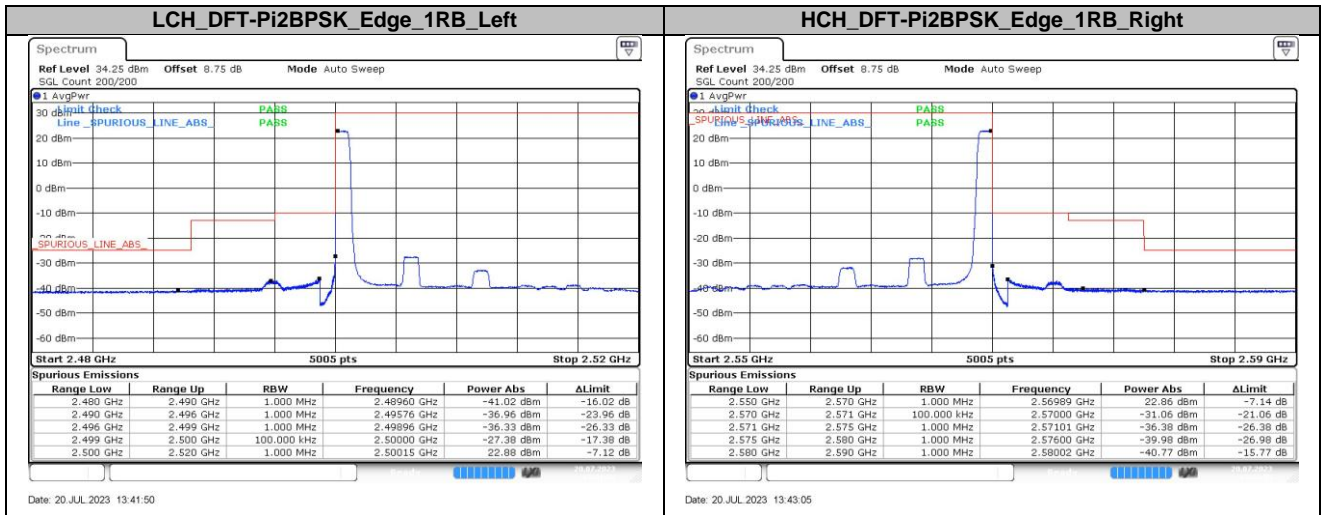
#### 5.1. Test Plots

##### 5.1.1. Bandwidth:5MHz

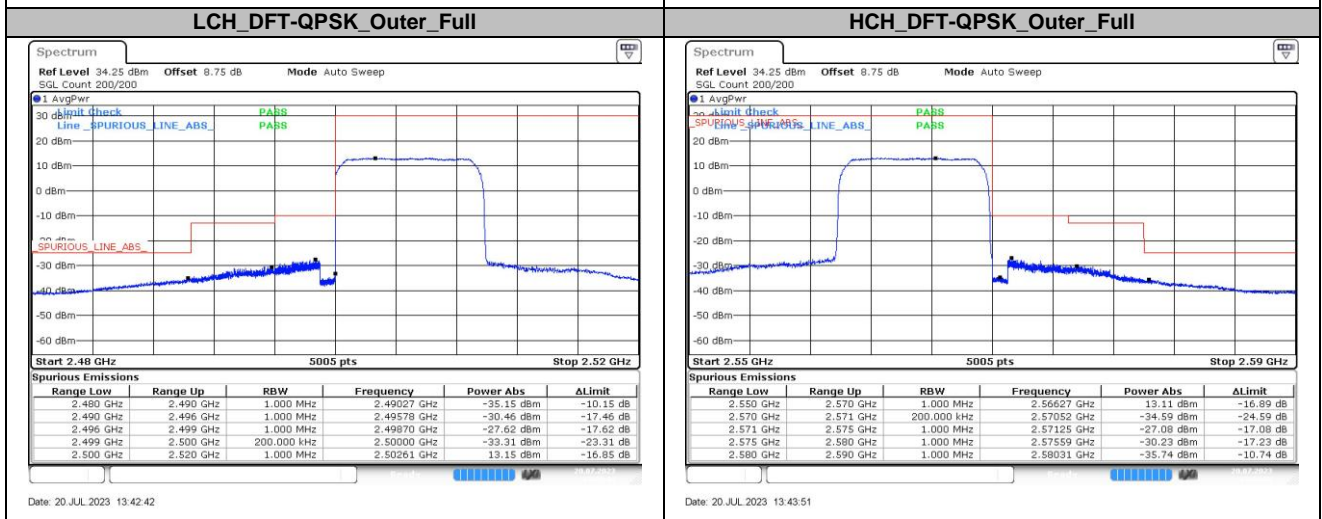
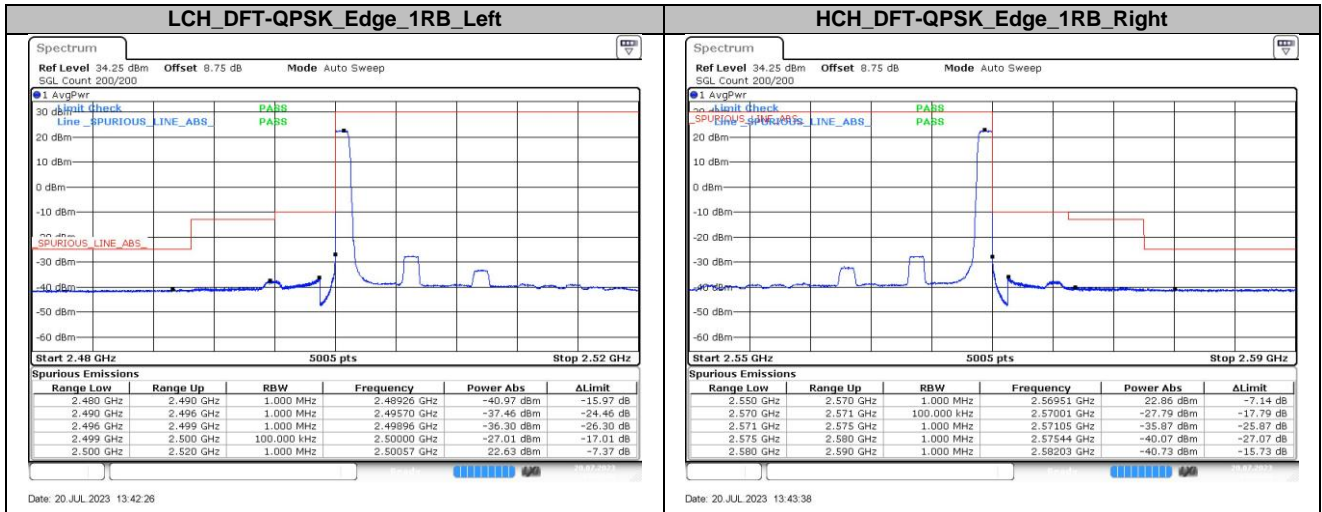




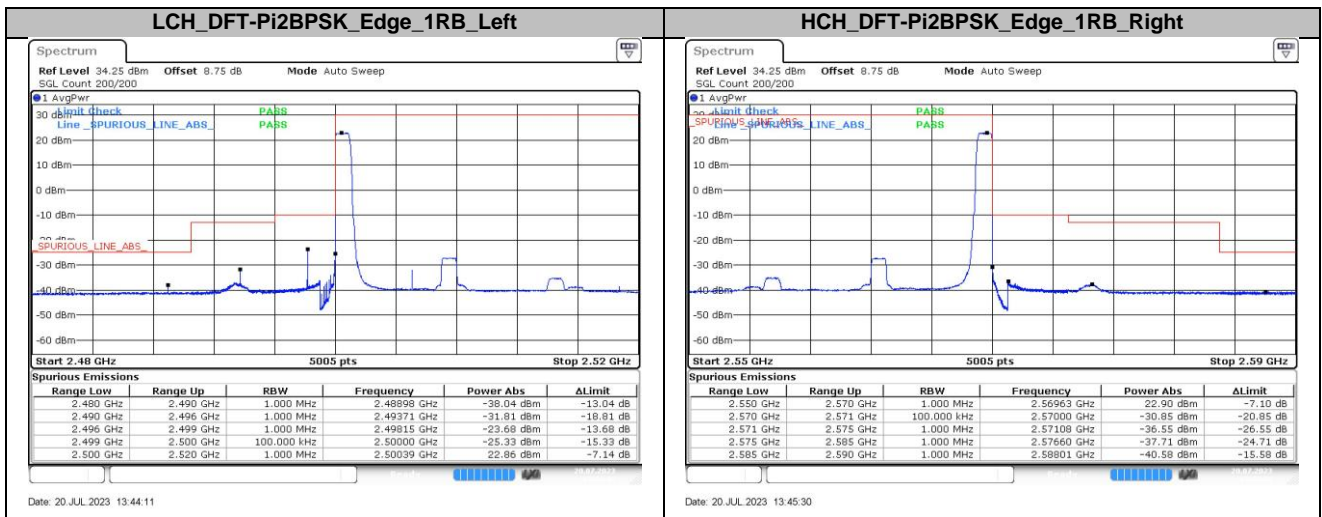
5.1.2. Bandwidth:10MHz

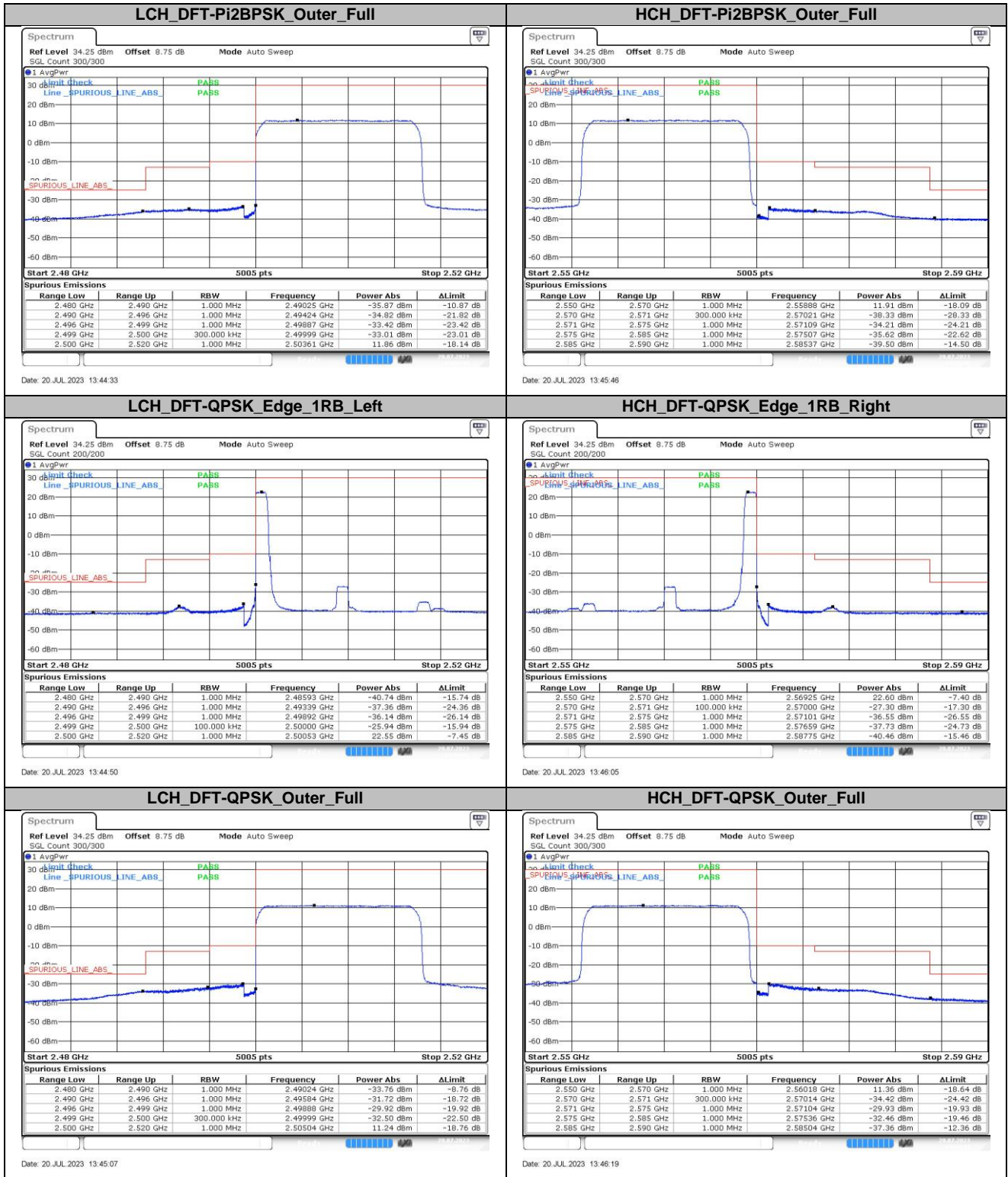




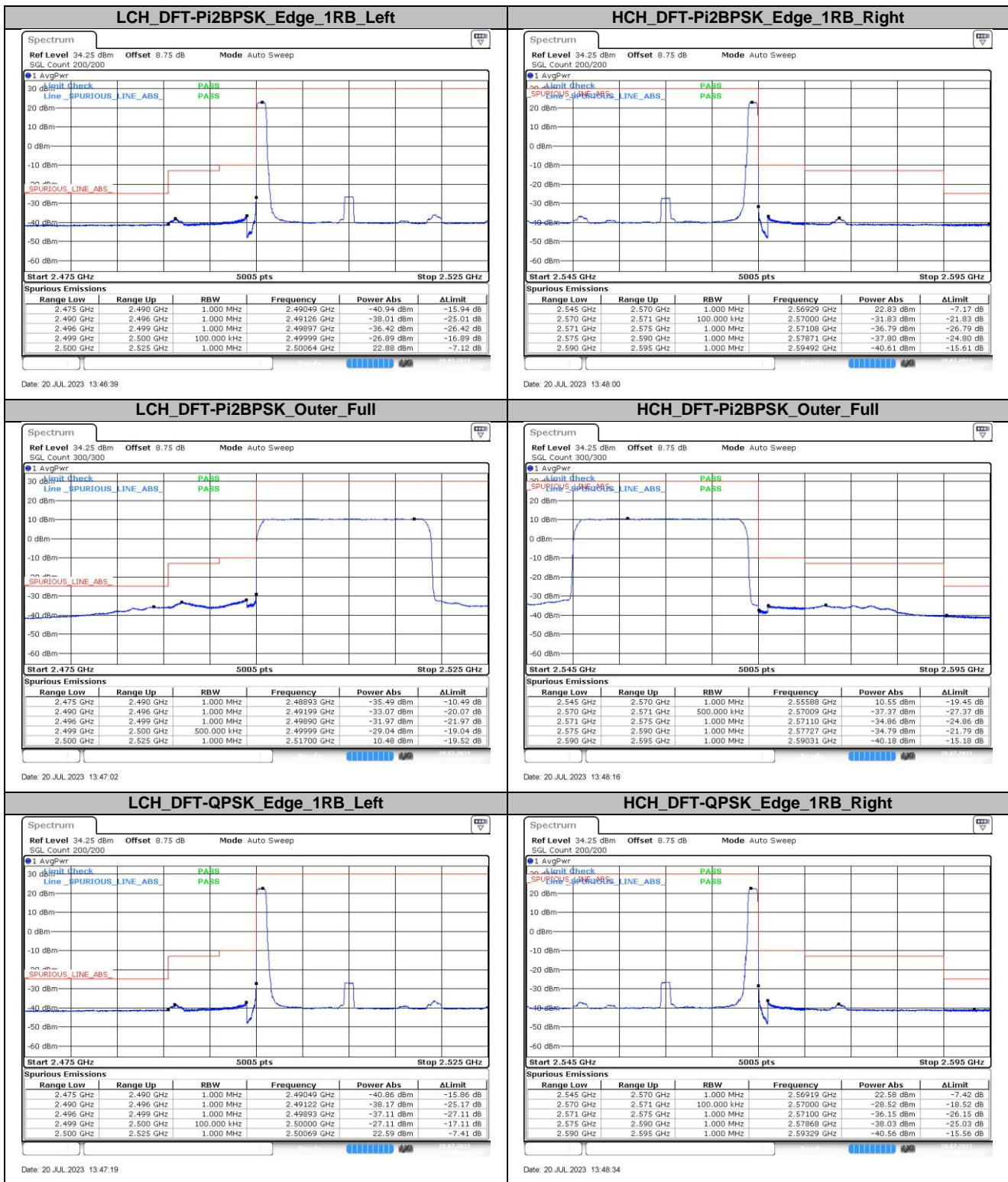


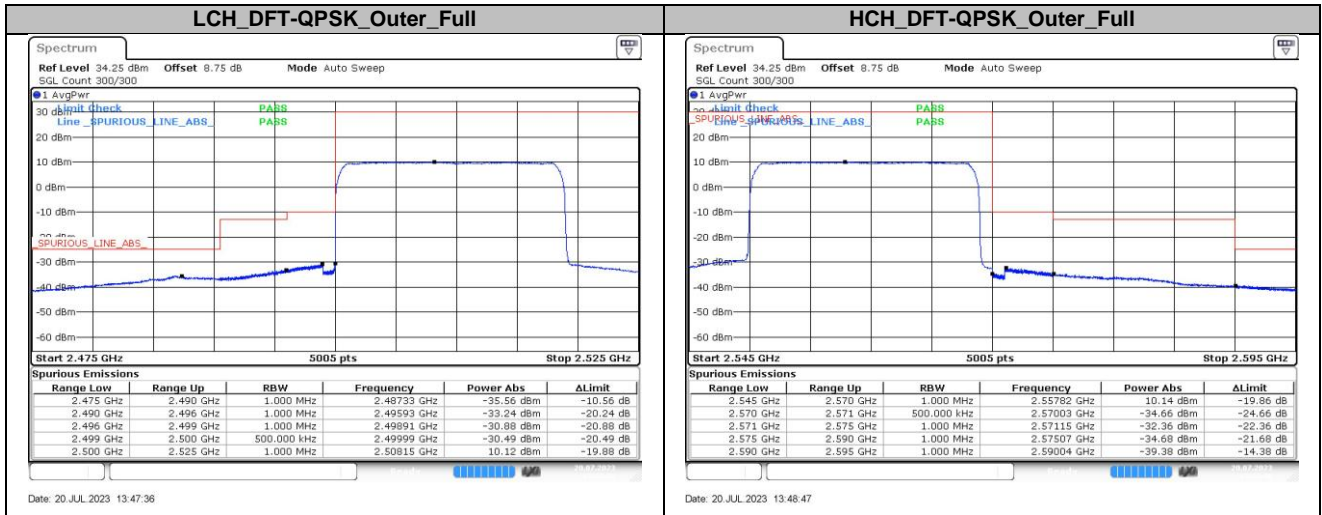
5.1.3. Bandwidth:15MHz





5.1.4. Bandwidth:20MHz





5.1.5. Bandwidth:25MHz

