

**Appendix  
for  
DC\_7A\_n66A  
(1710-1780)**

## Catalogue

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## 1. Effective Isotropic Radiated Power

### 1.1. Test Results @ Ant1 (Antenna Gain=-3.80dBi)

SCS	Bandwidth	Channel	Modulation	Conducted Result (dBm)			Max EIRP (dBm)	Limit (dBm)	Verdict
				Inner_1RB_Left	Inner_1RB_Right	Inner_Full			
15KHz	5MHz	LCH	DFT-Pi2BPSK	23.37	23.30	23.34	19.57	30.00	Pass
15KHz	5MHz	LCH	DFT-QPSK	23.37	23.34	23.35	19.57	30.00	Pass
15KHz	5MHz	LCH	DFT-16QAM	22.47	22.37	22.30	18.67	30.00	Pass
15KHz	5MHz	LCH	DFT-64QAM	20.69	20.76	20.84	17.04	30.00	Pass
15KHz	5MHz	LCH	DFT-256QAM	18.49	18.39	18.76	14.96	30.00	Pass
15KHz	5MHz	LCH	CP-QPSK	21.81	21.73	21.72	18.01	30.00	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	23.17	23.17	23.16	19.37	30.00	Pass
15KHz	5MHz	MCH	DFT-QPSK	23.21	23.19	23.18	19.41	30.00	Pass
15KHz	5MHz	MCH	DFT-16QAM	22.32	22.24	22.24	18.52	30.00	Pass
15KHz	5MHz	MCH	DFT-64QAM	20.66	20.60	20.79	16.99	30.00	Pass
15KHz	5MHz	MCH	DFT-256QAM	18.34	18.36	18.63	14.83	30.00	Pass
15KHz	5MHz	MCH	CP-QPSK	21.75	21.60	21.62	17.95	30.00	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	23.49	23.50	23.47	19.70	30.00	Pass
15KHz	5MHz	HCH	DFT-QPSK	23.47	23.48	23.54	19.74	30.00	Pass
15KHz	5MHz	HCH	DFT-16QAM	22.59	22.52	22.53	18.79	30.00	Pass
15KHz	5MHz	HCH	DFT-64QAM	20.85	20.91	21.10	17.30	30.00	Pass
15KHz	5MHz	HCH	DFT-256QAM	18.63	18.64	18.91	15.11	30.00	Pass
15KHz	5MHz	HCH	CP-QPSK	22.00	21.91	21.88	18.20	30.00	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	23.37	23.25	23.37	19.57	30.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	23.38	23.29	23.39	19.59	30.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	22.29	22.35	22.39	18.59	30.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	20.76	20.64	20.82	17.02	30.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	18.36	18.40	18.76	14.96	30.00	Pass
15KHz	10MHz	LCH	CP-QPSK	21.78	21.71	21.77	17.98	30.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	23.07	23.17	23.32	19.52	30.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	23.04	23.14	23.32	19.52	30.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	22.24	22.33	22.30	18.53	30.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	20.62	20.64	20.69	16.89	30.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	18.32	18.31	18.65	14.85	30.00	Pass
15KHz	10MHz	MCH	CP-QPSK	21.70	21.74	21.71	17.94	30.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	23.39	23.47	23.54	19.74	30.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	23.35	23.46	23.62	19.82	30.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	22.50	22.52	22.50	18.72	30.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	20.83	20.90	20.91	17.11	30.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	18.55	18.53	18.94	15.14	30.00	Pass
15KHz	10MHz	HCH	CP-QPSK	21.96	21.98	21.90	18.18	30.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	23.44	23.47	23.45	19.67	30.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	23.43	23.44	23.45	19.65	30.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	22.41	22.51	22.35	18.71	30.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	20.67	20.78	20.88	17.08	30.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	18.48	18.60	18.77	14.97	30.00	Pass
15KHz	15MHz	LCH	CP-QPSK	21.90	21.87	21.94	18.14	30.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	23.35	23.36	23.34	19.56	30.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	23.29	23.46	23.32	19.66	30.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	22.40	22.52	22.41	18.72	30.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	20.66	20.80	20.92	17.12	30.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	18.49	18.52	18.87	15.07	30.00	Pass
15KHz	15MHz	MCH	CP-QPSK	21.86	21.96	21.91	18.16	30.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	23.40	23.63	23.59	19.83	30.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	23.42	23.61	23.53	19.81	30.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	22.52	22.67	22.52	18.87	30.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	20.77	20.95	21.05	17.25	30.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	18.57	18.74	18.98	15.18	30.00	Pass
15KHz	15MHz	HCH	CP-QPSK	21.98	21.99	22.00	18.20	30.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	23.45	23.33	23.43	19.65	30.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	23.36	23.42	23.43	19.63	30.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	22.37	22.12	22.45	18.65	30.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	20.80	20.73	20.87	17.07	30.00	Pass

15KHz	20MHz	LCH	DFT-256QAM	18.51	18.48	18.81	15.01	30.00	Pass
15KHz	20MHz	LCH	CP-QPSK	21.80	21.83	21.83	18.03	30.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.26	23.33	23.36	19.56	30.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	23.32	23.44	23.36	19.64	30.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	22.43	22.49	22.44	18.69	30.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	20.69	20.78	20.96	17.16	30.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	18.41	18.57	18.93	15.13	30.00	Pass
15KHz	20MHz	MCH	CP-QPSK	21.80	21.78	22.10	18.30	30.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	23.41	23.61	23.53	19.81	30.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	23.44	23.58	23.57	19.78	30.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	22.46	22.65	22.49	18.85	30.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	20.74	21.02	20.98	17.22	30.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	18.47	18.72	18.92	15.12	30.00	Pass
15KHz	20MHz	HCH	CP-QPSK	21.87	22.02	21.94	18.22	30.00	Pass
15KHz	25MHz	LCH	DFT-Pi2BPSK	23.54	23.32	23.45	19.74	30.00	Pass
15KHz	25MHz	LCH	DFT-QPSK	23.39	23.40	23.35	19.60	30.00	Pass
15KHz	25MHz	LCH	DFT-16QAM	22.50	22.48	22.24	18.70	30.00	Pass
15KHz	25MHz	LCH	DFT-64QAM	20.87	20.76	20.86	17.07	30.00	Pass
15KHz	25MHz	LCH	DFT-256QAM	18.52	18.55	18.78	14.98	30.00	Pass
15KHz	25MHz	LCH	CP-QPSK	21.97	22.06	21.87	18.26	30.00	Pass
15KHz	25MHz	MCH	DFT-Pi2BPSK	23.29	23.54	23.31	19.74	30.00	Pass
15KHz	25MHz	MCH	DFT-QPSK	23.33	23.56	23.27	19.76	30.00	Pass
15KHz	25MHz	MCH	DFT-16QAM	22.43	22.64	22.39	18.84	30.00	Pass
15KHz	25MHz	MCH	DFT-64QAM	20.73	20.90	20.91	17.11	30.00	Pass
15KHz	25MHz	MCH	DFT-256QAM	18.40	18.68	18.84	15.04	30.00	Pass
15KHz	25MHz	MCH	CP-QPSK	21.80	22.09	21.87	18.29	30.00	Pass
15KHz	25MHz	HCH	DFT-Pi2BPSK	23.55	23.73	23.58	19.93	30.00	Pass
15KHz	25MHz	HCH	DFT-QPSK	23.54	23.77	23.52	19.97	30.00	Pass
15KHz	25MHz	HCH	DFT-16QAM	22.69	22.72	22.50	18.92	30.00	Pass
15KHz	25MHz	HCH	DFT-64QAM	20.96	21.03	21.02	17.23	30.00	Pass
15KHz	25MHz	HCH	DFT-256QAM	18.68	18.81	18.99	15.19	30.00	Pass
15KHz	25MHz	HCH	CP-QPSK	22.12	22.18	22.00	18.38	30.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	23.38	23.36	23.43	19.63	30.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	23.27	23.37	23.35	19.57	30.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	22.40	22.49	22.38	18.69	30.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	20.61	20.75	20.92	17.12	30.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	18.60	18.53	18.90	15.10	30.00	Pass
15KHz	30MHz	LCH	CP-QPSK	21.83	21.85	21.85	18.05	30.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	23.18	23.44	23.37	19.64	30.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	23.23	23.44	23.33	19.64	30.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	22.26	22.51	22.34	18.71	30.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	20.50	20.79	20.98	17.18	30.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	18.48	18.62	18.87	15.07	30.00	Pass
15KHz	30MHz	MCH	CP-QPSK	21.74	21.96	21.88	18.16	30.00	Pass
15KHz	30MHz	HCH	DFT-Pi2BPSK	23.27	23.63	23.57	19.83	30.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	23.30	23.68	23.52	19.88	30.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	22.39	22.63	22.47	18.83	30.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	20.65	20.93	21.03	17.23	30.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	18.63	18.78	19.02	15.22	30.00	Pass
15KHz	30MHz	HCH	CP-QPSK	21.79	21.98	22.04	18.24	30.00	Pass
15KHz	35MHz	LCH	DFT-Pi2BPSK	23.44	23.39	23.24	19.64	30.00	Pass
15KHz	35MHz	LCH	DFT-QPSK	23.54	23.33	23.21	19.74	30.00	Pass
15KHz	35MHz	LCH	DFT-16QAM	21.98	22.05	22.25	18.45	30.00	Pass
15KHz	35MHz	LCH	DFT-64QAM	21.15	21.32	20.77	17.52	30.00	Pass
15KHz	35MHz	LCH	DFT-256QAM	18.49	18.60	18.76	14.96	30.00	Pass
15KHz	35MHz	LCH	CP-QPSK	21.80	21.95	21.77	18.15	30.00	Pass
15KHz	35MHz	MCH	DFT-Pi2BPSK	23.19	23.46	23.18	19.66	30.00	Pass
15KHz	35MHz	MCH	DFT-QPSK	23.13	23.32	23.13	19.52	30.00	Pass
15KHz	35MHz	MCH	DFT-16QAM	22.21	22.46	22.25	18.66	30.00	Pass
15KHz	35MHz	MCH	DFT-64QAM	21.06	21.33	20.81	17.53	30.00	Pass
15KHz	35MHz	MCH	DFT-256QAM	18.43	18.66	18.74	14.94	30.00	Pass
15KHz	35MHz	MCH	CP-QPSK	21.69	22.01	21.74	18.21	30.00	Pass

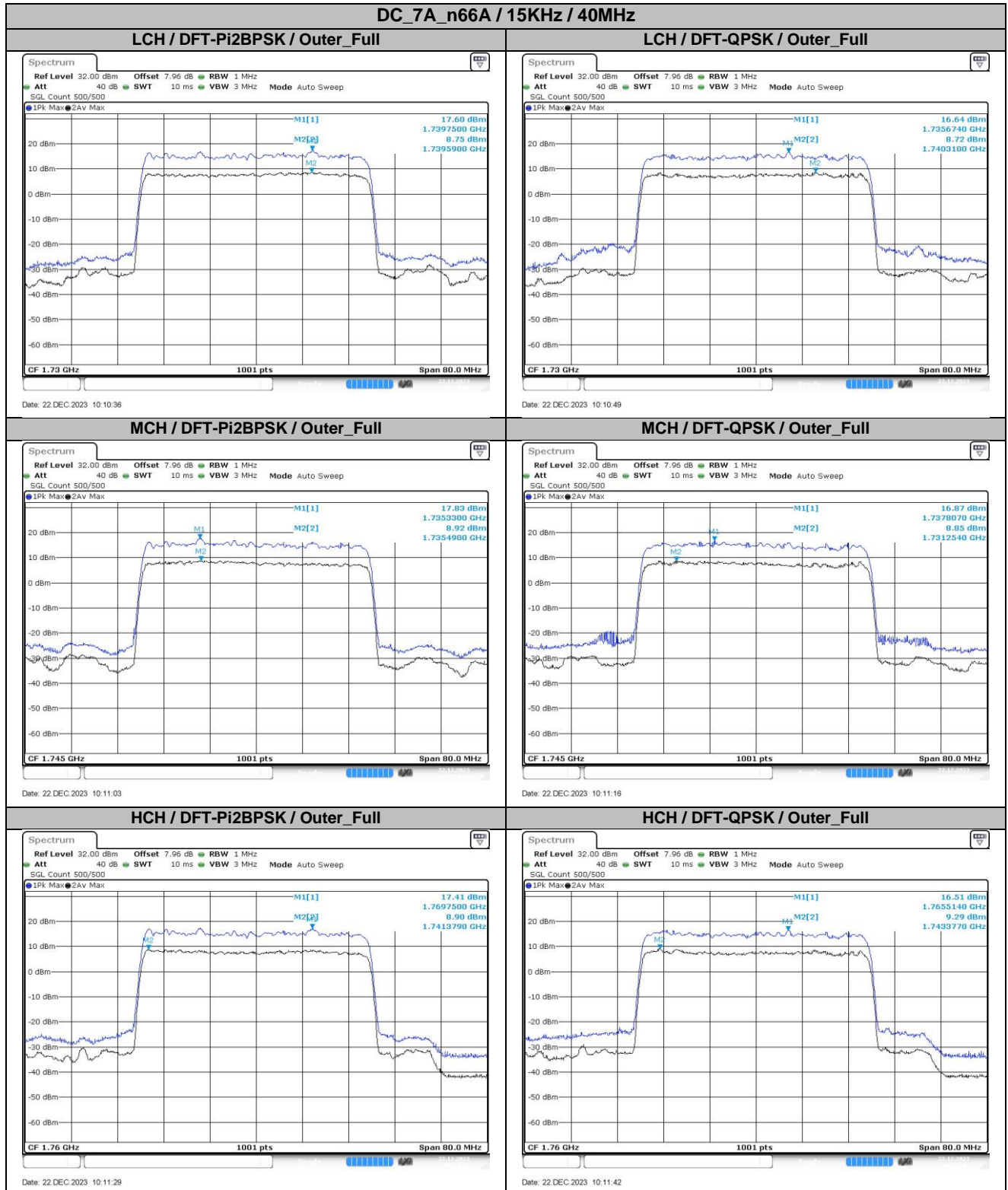
15KHz	35MHz	HCH	DFT-Pi2BPSK	23.32	23.59	23.37	19.79	30.00	Pass
15KHz	35MHz	HCH	DFT-QPSK	23.26	23.56	23.40	19.76	30.00	Pass
15KHz	35MHz	HCH	DFT-16QAM	21.93	22.26	22.45	18.65	30.00	Pass
15KHz	35MHz	HCH	DFT-64QAM	21.20	21.46	20.95	17.66	30.00	Pass
15KHz	35MHz	HCH	DFT-256QAM	18.53	18.78	18.99	15.19	30.00	Pass
15KHz	35MHz	HCH	CP-QPSK	21.79	22.14	21.93	18.34	30.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	23.32	23.39	23.37	19.59	30.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	23.29	23.38	23.38	19.58	30.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	22.33	22.51	22.34	18.71	30.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	20.63	20.78	20.89	17.09	30.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	18.61	18.64	18.83	15.03	30.00	Pass
15KHz	40MHz	LCH	CP-QPSK	21.77	21.87	21.85	18.07	30.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	23.22	23.44	23.39	19.64	30.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	23.22	23.50	23.35	19.70	30.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	22.25	22.59	22.39	18.79	30.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	20.64	20.85	20.85	17.05	30.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	18.59	18.71	18.87	15.07	30.00	Pass
15KHz	40MHz	MCH	CP-QPSK	21.66	21.99	21.90	18.19	30.00	Pass
15KHz	40MHz	HCH	DFT-Pi2BPSK	23.10	23.55	23.53	19.75	30.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	23.14	23.61	23.51	19.81	30.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	22.26	22.58	22.39	18.78	30.00	Pass
15KHz	40MHz	HCH	DFT-64QAM	20.53	20.86	20.96	17.16	30.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	18.51	18.74	18.97	15.17	30.00	Pass
15KHz	40MHz	HCH	CP-QPSK	21.63	21.98	21.92	18.18	30.00	Pass

## 2. Peak-to-Average Ratio

### 2.1. Test Results

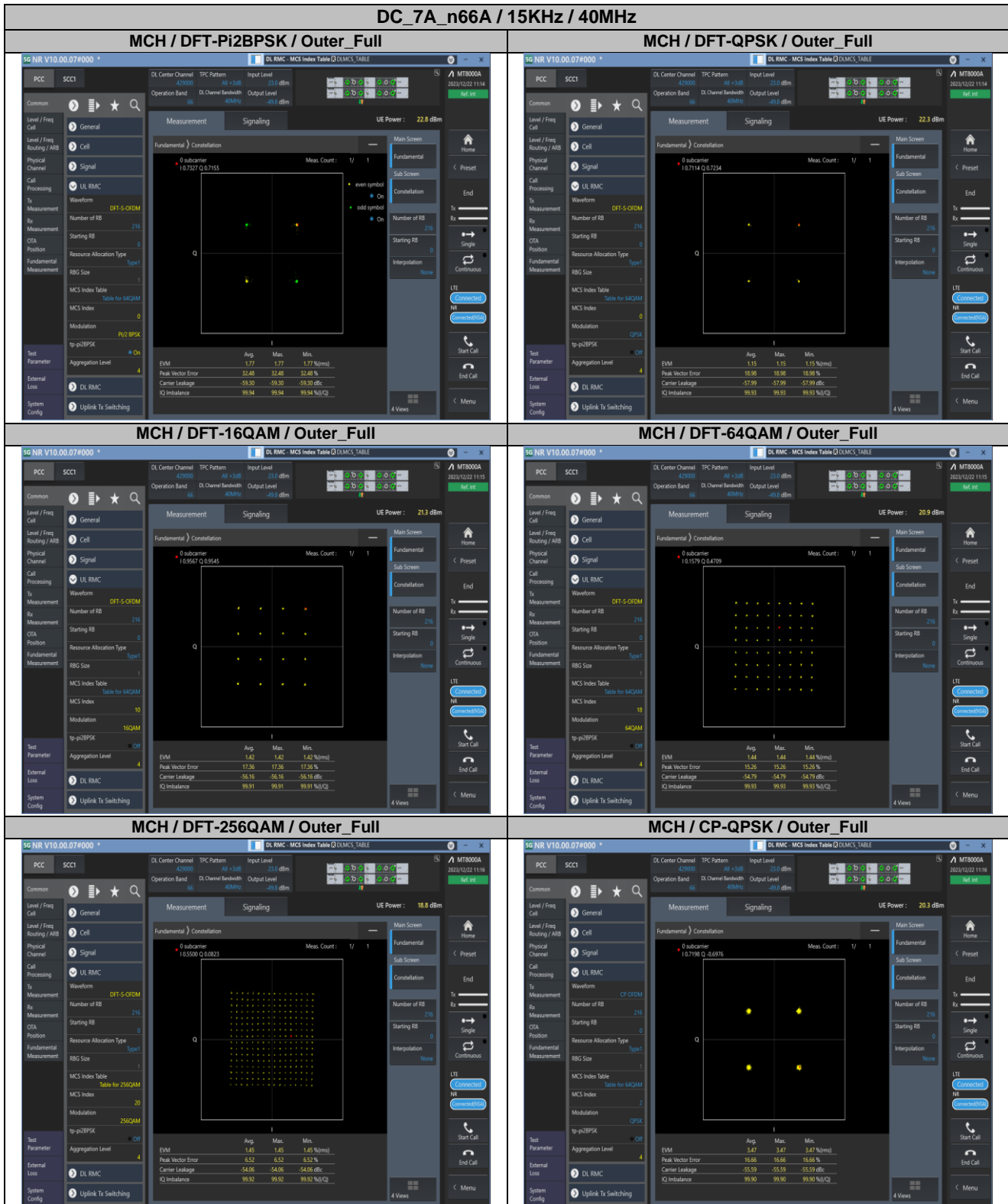
SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	40MHz	LCH	Outer_Full	8.85	7.92	13.00	Pass
15KHz	40MHz	MCH	Outer_Full	8.91	8.02	13.00	Pass
15KHz	40MHz	HCH	Outer_Full	8.52	7.22	13.00	Pass

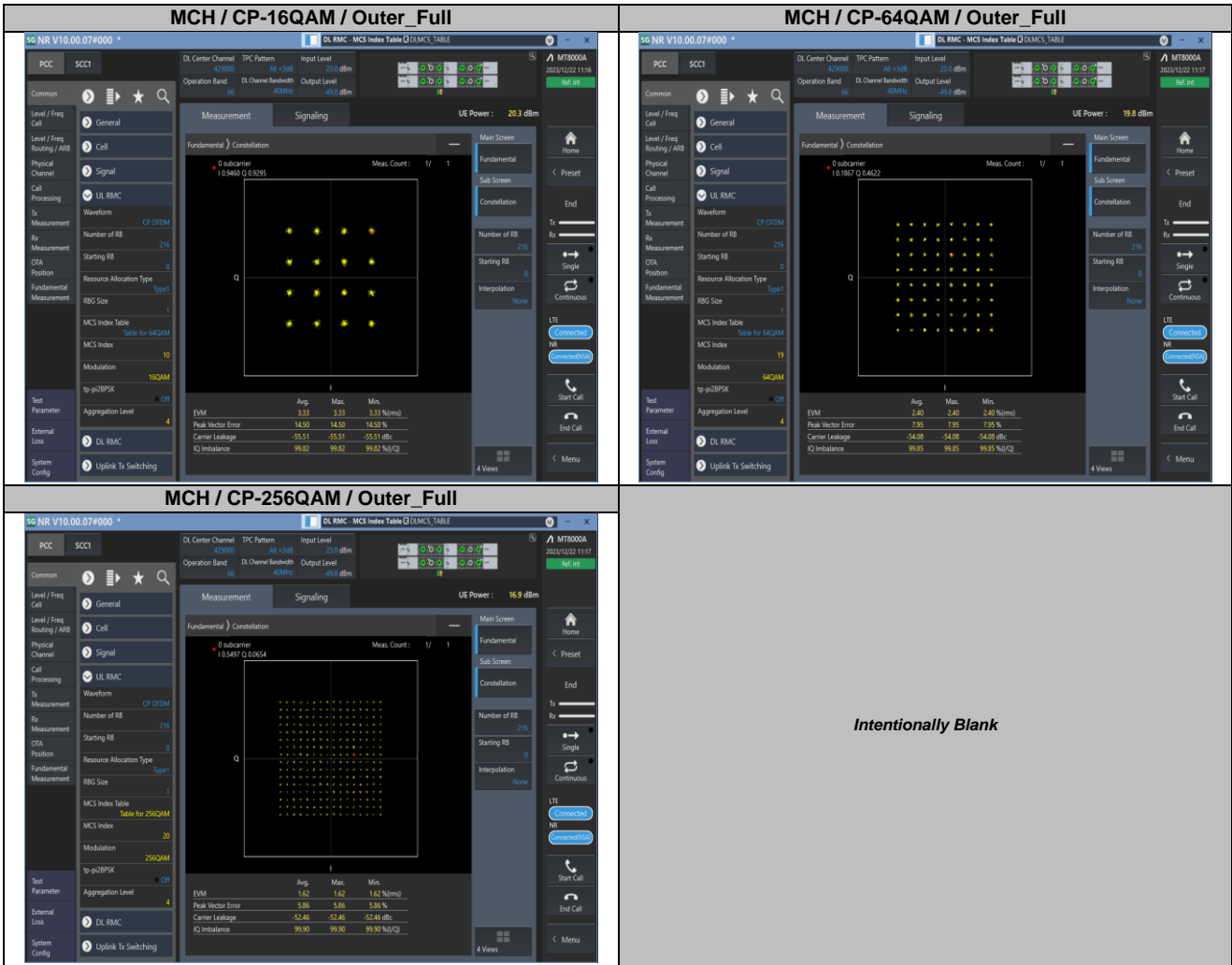
### 2.2. Test Plots



### 3. Modulation Characteristics

#### 3.1. Test Plots





Intentionally Blank

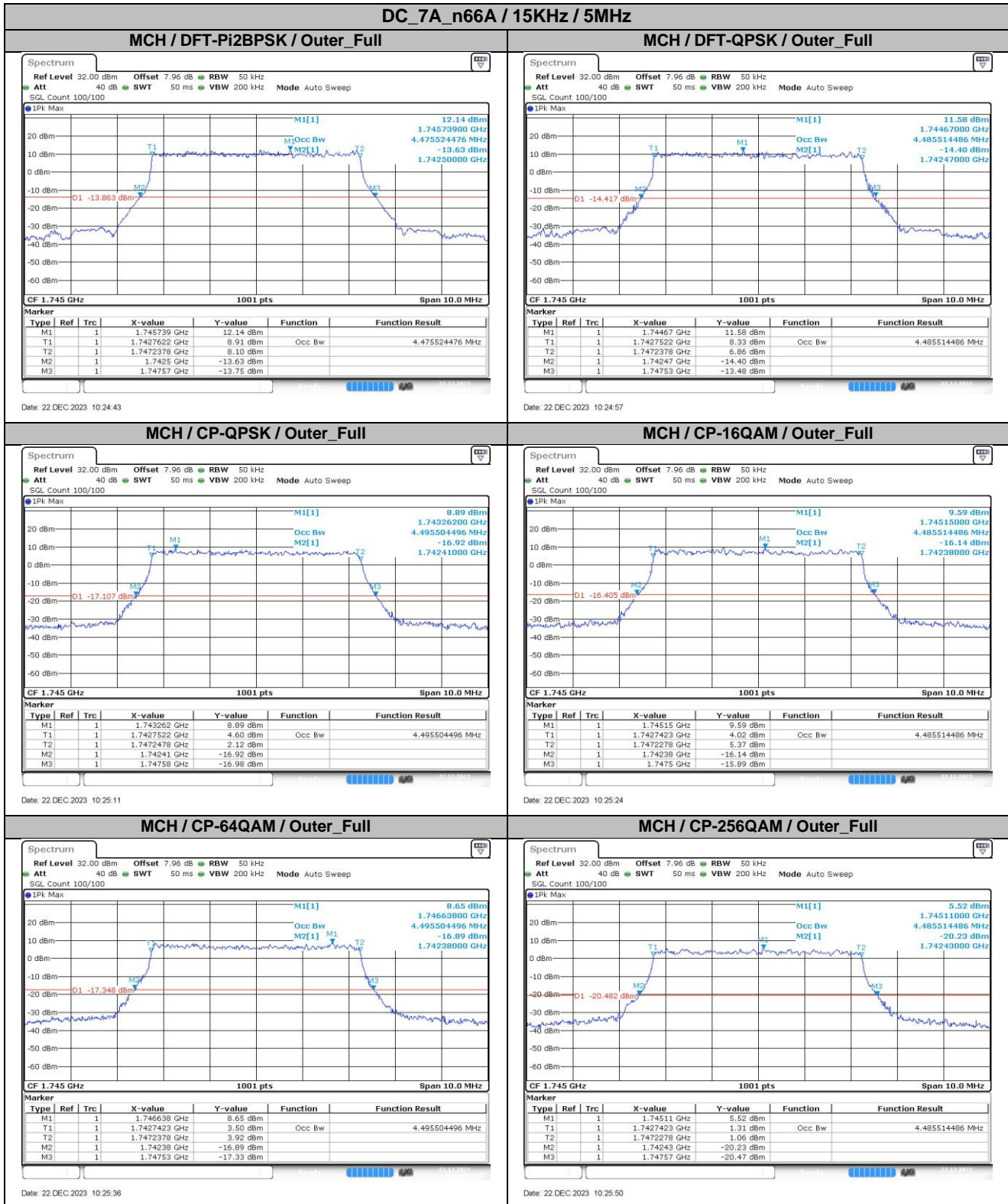


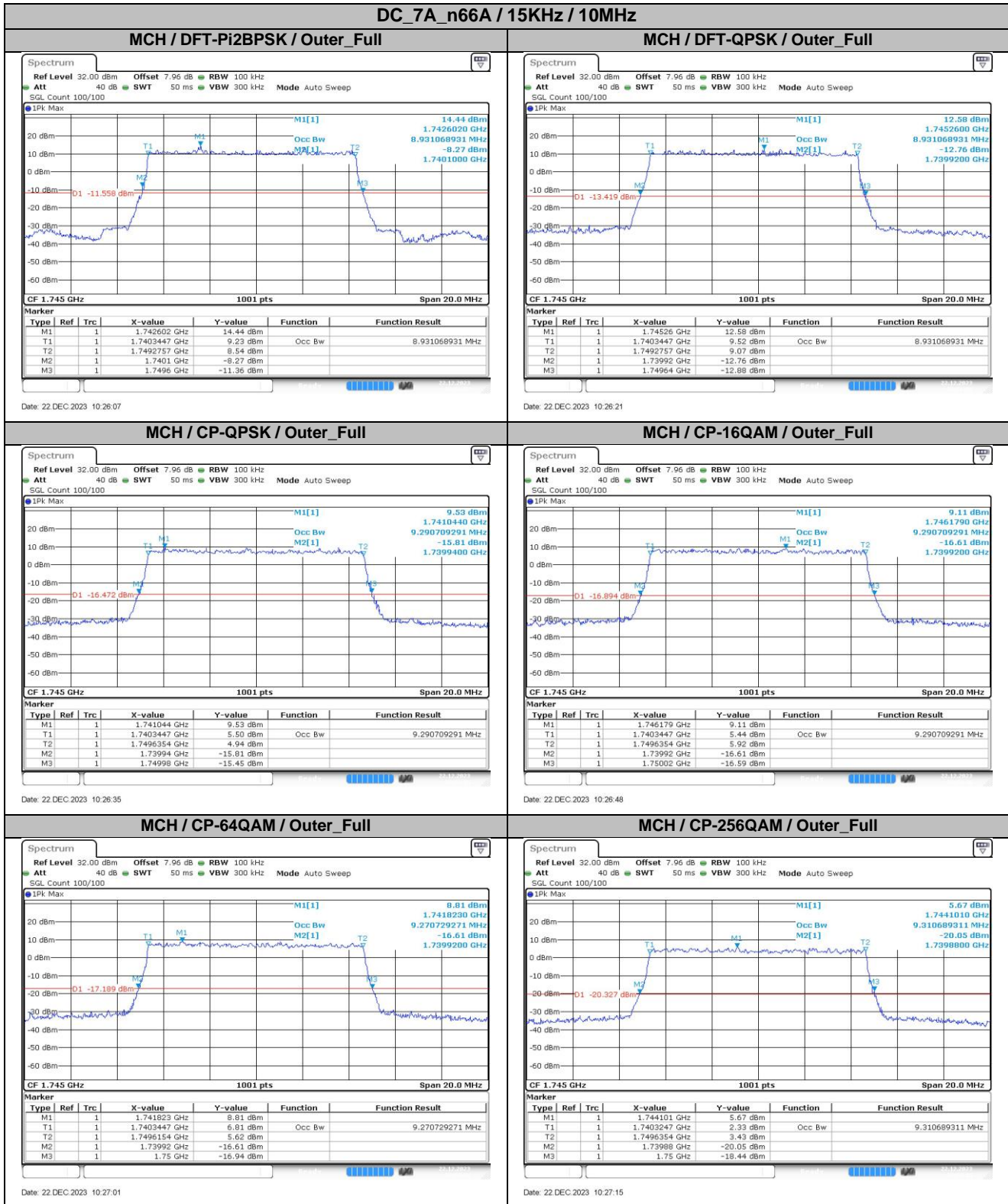
## 4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

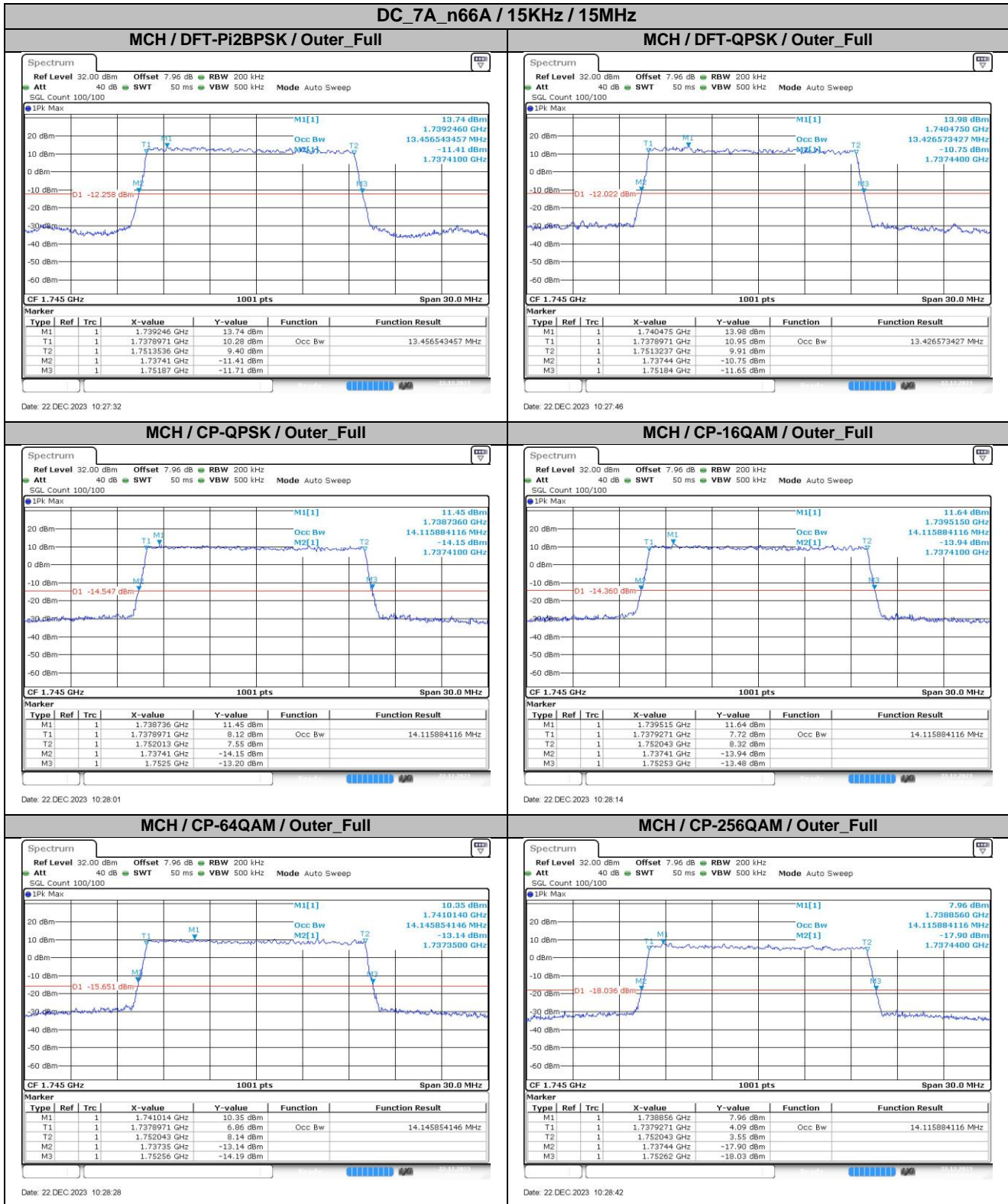
### 4.1. Test Results

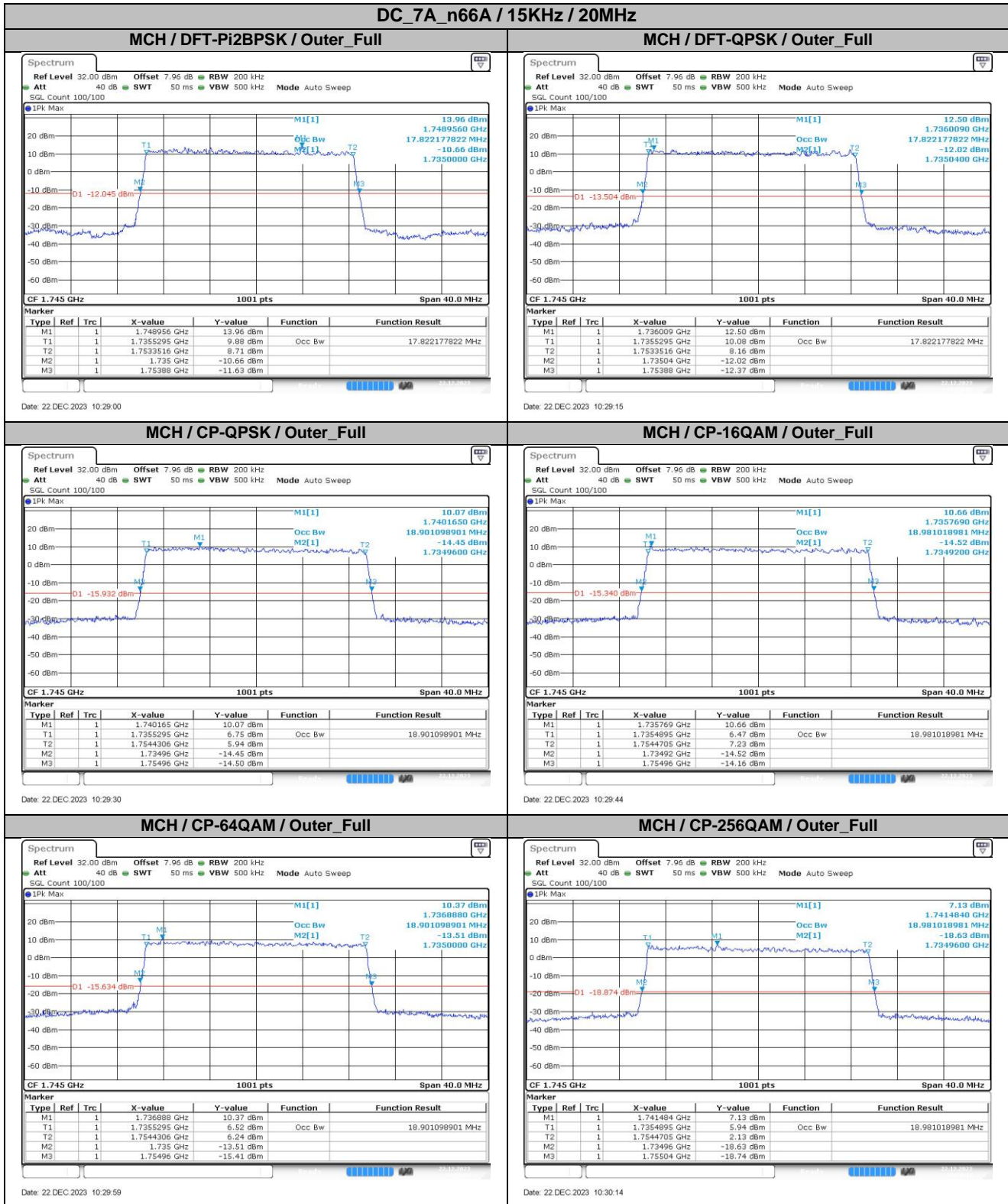
SCS	Bandwidth	Modulation	RB Config	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.48	5.07	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.49	5.06	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.50	5.17	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.49	5.12	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.50	5.15	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.49	5.14	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.93	9.50	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.93	9.72	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.29	10.04	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.29	10.10	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.27	10.08	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.31	10.12	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.46	14.46	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.43	14.40	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.12	15.09	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.12	15.12	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.15	15.21	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.12	15.18	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.82	18.88	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.82	18.84	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.90	20.00	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.98	20.04	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.90	19.96	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.98	20.08	Pass
15KHz	25MHz	DFT-Pi2BPSK	Outer_Full	22.88	24.05	Pass
15KHz	25MHz	DFT-QPSK	Outer_Full	22.83	24.00	Pass
15KHz	25MHz	CP-QPSK	Outer_Full	23.73	25.00	Pass
15KHz	25MHz	CP-16QAM	Outer_Full	23.73	24.95	Pass
15KHz	25MHz	CP-64QAM	Outer_Full	23.73	24.95	Pass
15KHz	25MHz	CP-256QAM	Outer_Full	23.73	24.85	Pass
15KHz	30MHz	DFT-Pi2BPSK	Outer_Full	28.59	29.70	Pass
15KHz	30MHz	DFT-QPSK	Outer_Full	28.47	29.82	Pass
15KHz	30MHz	CP-QPSK	Outer_Full	28.47	29.88	Pass
15KHz	30MHz	CP-16QAM	Outer_Full	28.53	29.76	Pass
15KHz	30MHz	CP-64QAM	Outer_Full	28.47	29.88	Pass
15KHz	30MHz	CP-256QAM	Outer_Full	28.53	29.82	Pass
15KHz	35MHz	DFT-Pi2BPSK	Outer_Full	32.10	33.32	Pass
15KHz	35MHz	DFT-QPSK	Outer_Full	32.10	33.39	Pass
15KHz	35MHz	CP-QPSK	Outer_Full	33.57	34.93	Pass
15KHz	35MHz	CP-16QAM	Outer_Full	33.57	34.86	Pass
15KHz	35MHz	CP-64QAM	Outer_Full	33.57	34.86	Pass
15KHz	35MHz	CP-256QAM	Outer_Full	33.50	34.86	Pass
15KHz	40MHz	DFT-Pi2BPSK	Outer_Full	38.44	40.16	Pass
15KHz	40MHz	DFT-QPSK	Outer_Full	38.44	40.16	Pass
15KHz	40MHz	CP-QPSK	Outer_Full	38.44	40.24	Pass
15KHz	40MHz	CP-16QAM	Outer_Full	38.52	40.08	Pass
15KHz	40MHz	CP-64QAM	Outer_Full	38.60	40.08	Pass
15KHz	40MHz	CP-256QAM	Outer_Full	38.52	40.16	Pass

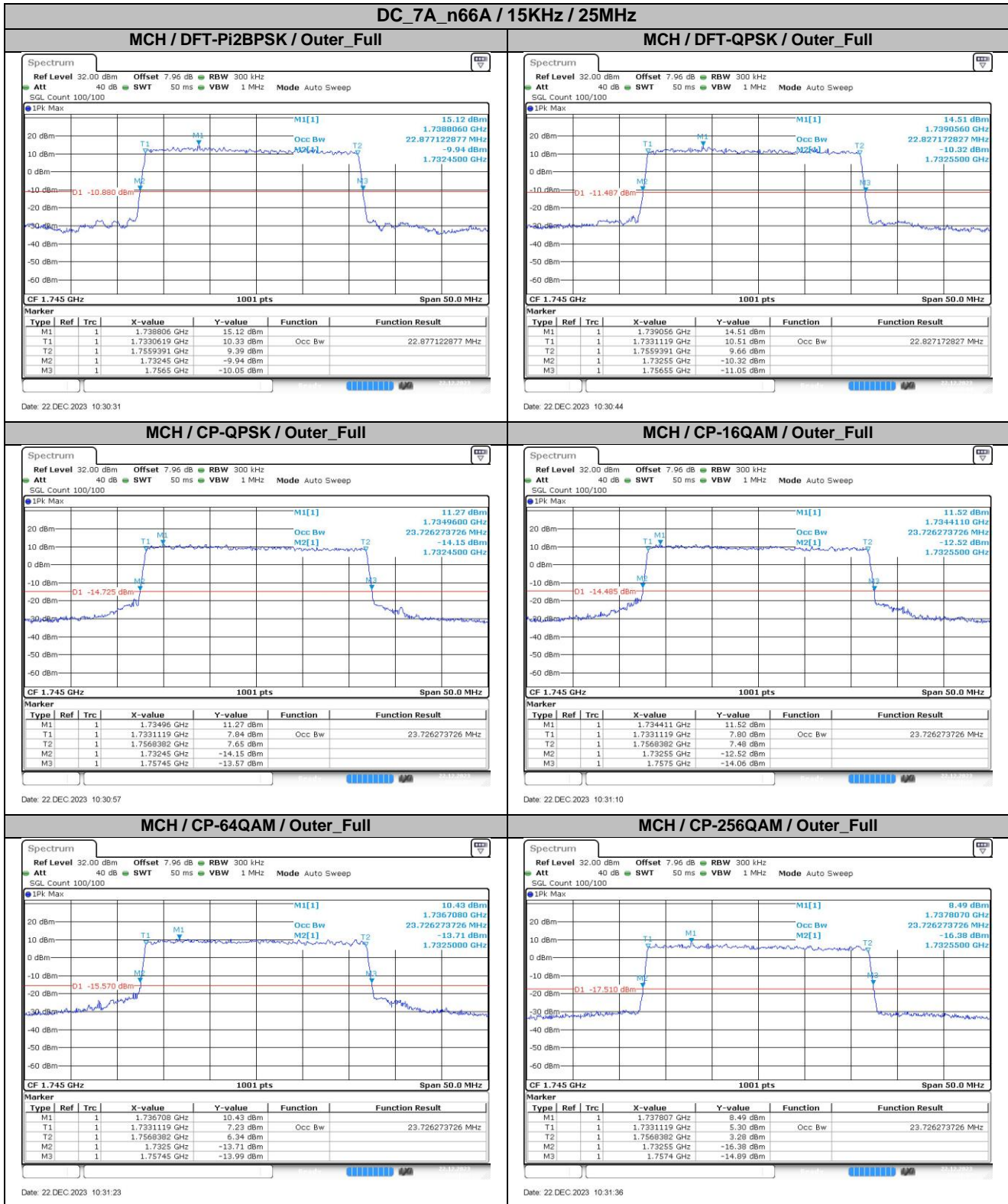
4.2. Test Plots

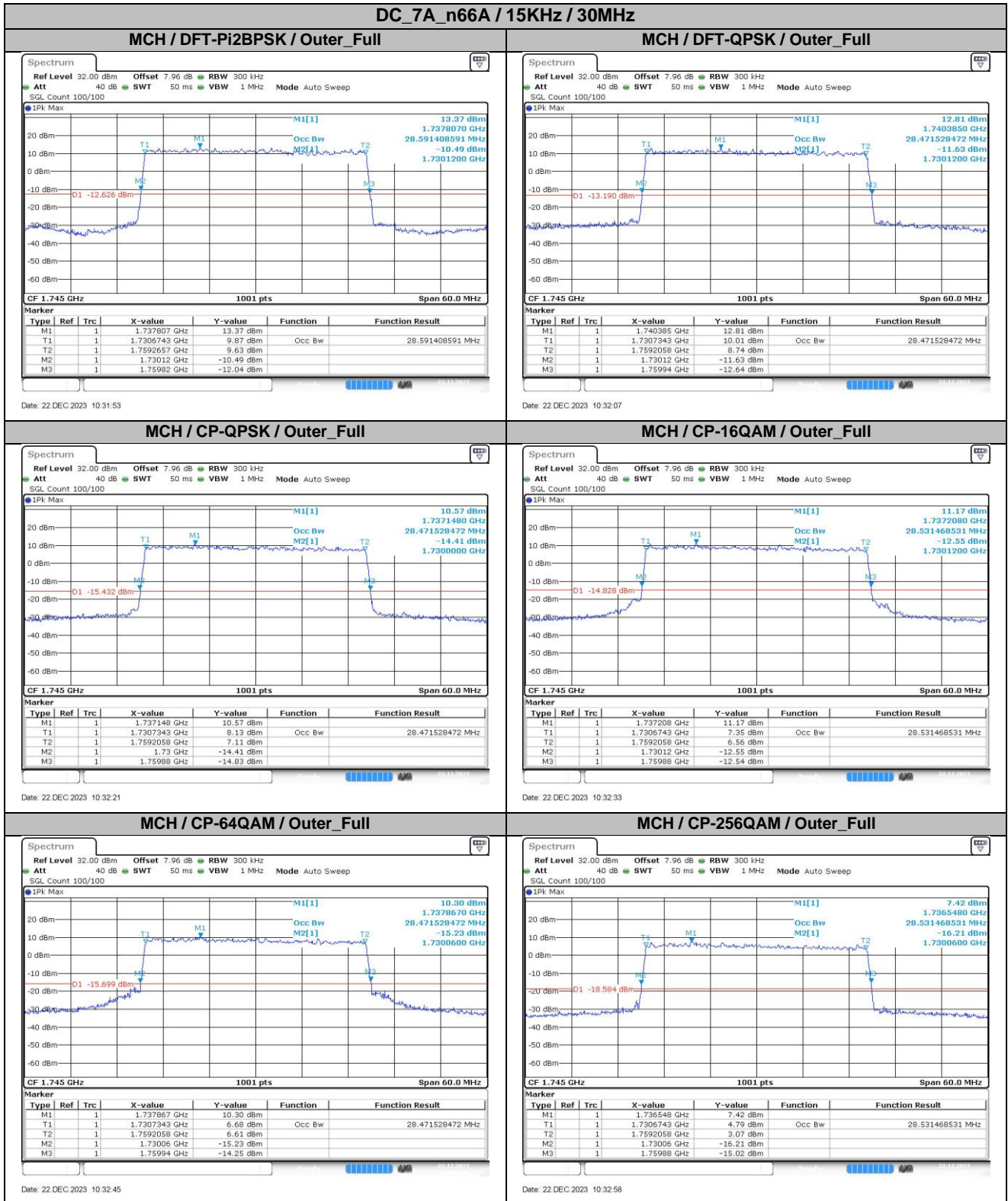


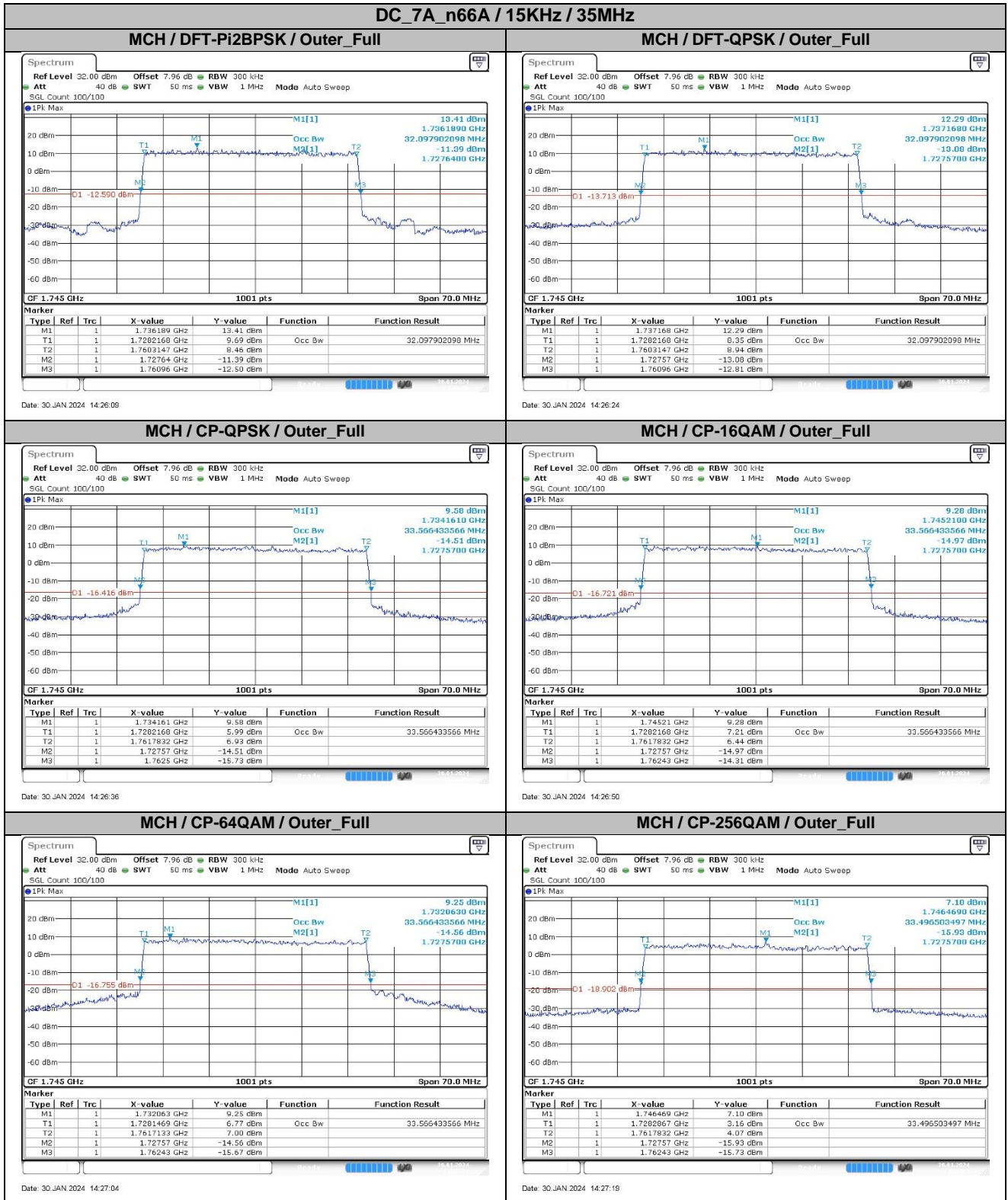




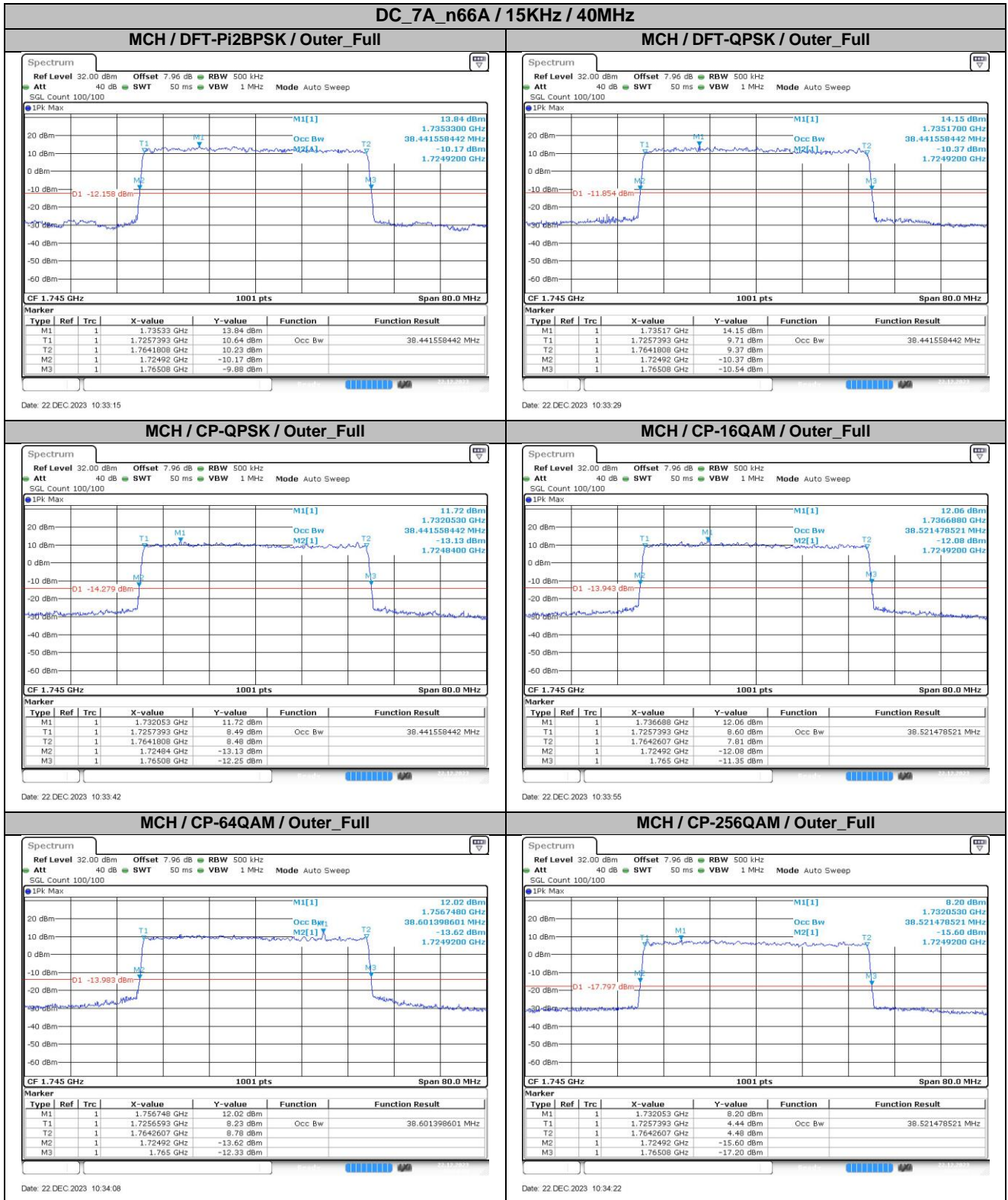












### 5. Conducted Band Edges

#### 5.1. Test Plots

