

**Appendix  
for  
n71A  
(663-698)**

## Catalogue

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### 1. Effective Radiated Power

#### 1.1. Test Results @ Ant0 (Antenna Gain=-5dBi)

SCS	Bandwidth	Channel	Modulation	Conducted Result (dBm)			Max ERP (dBm)	Limit (dBm)	Verdict
				Inner_1RB_Left	Inner_1RB_Right	Inner_Full			
15KHz	5MHz	LCH	DFT-Pi2BPSK	23.15	23.21	23.28	16.13	34.77	Pass
15KHz	5MHz	LCH	DFT-QPSK	23.14	23.15	23.33	16.18	34.77	Pass
15KHz	5MHz	LCH	DFT-16QAM	22.30	22.28	22.18	15.15	34.77	Pass
15KHz	5MHz	LCH	DFT-64QAM	20.84	20.87	20.83	13.72	34.77	Pass
15KHz	5MHz	LCH	DFT-256QAM	18.62	18.84	18.92	11.77	34.77	Pass
15KHz	5MHz	LCH	CP-QPSK	21.36	21.87	21.75	14.72	34.77	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	23.32	23.24	23.23	16.17	34.77	Pass
15KHz	5MHz	MCH	DFT-QPSK	23.28	23.17	23.39	16.24	34.77	Pass
15KHz	5MHz	MCH	DFT-16QAM	22.39	22.27	22.29	15.24	34.77	Pass
15KHz	5MHz	MCH	DFT-64QAM	20.85	20.84	20.82	13.70	34.77	Pass
15KHz	5MHz	MCH	DFT-256QAM	18.83	18.90	18.98	11.83	34.77	Pass
15KHz	5MHz	MCH	CP-QPSK	21.61	21.52	21.83	14.68	34.77	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	23.15	23.07	23.14	16.00	34.77	Pass
15KHz	5MHz	HCH	DFT-QPSK	23.07	23.06	23.20	16.05	34.77	Pass
15KHz	5MHz	HCH	DFT-16QAM	22.25	22.16	22.12	15.10	34.77	Pass
15KHz	5MHz	HCH	DFT-64QAM	20.76	20.73	20.77	13.62	34.77	Pass
15KHz	5MHz	HCH	DFT-256QAM	18.64	18.66	18.73	11.58	34.77	Pass
15KHz	5MHz	HCH	CP-QPSK	21.41	21.51	21.72	14.57	34.77	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	23.22	23.30	23.28	16.15	34.77	Pass
15KHz	10MHz	LCH	DFT-QPSK	23.16	23.26	23.27	16.12	34.77	Pass
15KHz	10MHz	LCH	DFT-16QAM	22.28	22.38	22.24	15.23	34.77	Pass
15KHz	10MHz	LCH	DFT-64QAM	20.88	20.89	20.90	13.75	34.77	Pass
15KHz	10MHz	LCH	DFT-256QAM	18.71	18.80	18.86	11.71	34.77	Pass
15KHz	10MHz	LCH	CP-QPSK	21.60	21.64	21.87	14.72	34.77	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	23.31	23.32	23.36	16.21	34.77	Pass
15KHz	10MHz	MCH	DFT-QPSK	23.29	23.24	23.40	16.25	34.77	Pass
15KHz	10MHz	MCH	DFT-16QAM	22.42	22.33	22.34	15.27	34.77	Pass
15KHz	10MHz	MCH	DFT-64QAM	21.00	20.90	20.93	13.85	34.77	Pass
15KHz	10MHz	MCH	DFT-256QAM	18.79	18.83	18.89	11.74	34.77	Pass
15KHz	10MHz	MCH	CP-QPSK	21.72	21.69	21.71	14.57	34.77	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	23.24	23.07	23.18	16.09	34.77	Pass
15KHz	10MHz	HCH	DFT-QPSK	23.23	23.03	23.17	16.08	34.77	Pass
15KHz	10MHz	HCH	DFT-16QAM	22.36	22.19	22.16	15.21	34.77	Pass
15KHz	10MHz	HCH	DFT-64QAM	20.90	20.83	20.79	13.75	34.77	Pass
15KHz	10MHz	HCH	DFT-256QAM	18.80	18.68	18.71	11.65	34.77	Pass
15KHz	10MHz	HCH	CP-QPSK	21.68	21.51	21.71	14.56	34.77	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	23.24	23.36	23.31	16.21	34.77	Pass
15KHz	15MHz	LCH	DFT-QPSK	23.19	23.36	23.35	16.21	34.77	Pass
15KHz	15MHz	LCH	DFT-16QAM	22.30	22.45	22.23	15.30	34.77	Pass
15KHz	15MHz	LCH	DFT-64QAM	20.87	20.98	20.76	13.83	34.77	Pass
15KHz	15MHz	LCH	DFT-256QAM	18.72	18.85	18.89	11.74	34.77	Pass
15KHz	15MHz	LCH	CP-QPSK	21.54	21.77	21.82	14.67	34.77	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	23.35	23.26	23.42	16.27	34.77	Pass
15KHz	15MHz	MCH	DFT-QPSK	23.27	23.24	23.41	16.26	34.77	Pass
15KHz	15MHz	MCH	DFT-16QAM	22.37	22.35	22.42	15.27	34.77	Pass
15KHz	15MHz	MCH	DFT-64QAM	20.90	20.74	20.98	13.83	34.77	Pass
15KHz	15MHz	MCH	DFT-256QAM	18.79	18.82	18.93	11.78	34.77	Pass
15KHz	15MHz	MCH	CP-QPSK	21.62	21.61	21.97	14.82	34.77	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	23.29	23.11	23.23	16.14	34.77	Pass
15KHz	15MHz	HCH	DFT-QPSK	23.22	23.05	23.27	16.12	34.77	Pass
15KHz	15MHz	HCH	DFT-16QAM	22.38	22.24	22.24	15.23	34.77	Pass
15KHz	15MHz	HCH	DFT-64QAM	21.05	20.83	20.84	13.90	34.77	Pass
15KHz	15MHz	HCH	DFT-256QAM	18.81	18.65	18.76	11.66	34.77	Pass
15KHz	15MHz	HCH	CP-QPSK	21.75	21.44	21.55	14.60	34.77	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	23.17	23.29	23.39	16.24	34.77	Pass
15KHz	20MHz	LCH	DFT-QPSK	23.14	23.26	23.38	16.23	34.77	Pass
15KHz	20MHz	LCH	DFT-16QAM	22.33	22.40	22.22	15.25	34.77	Pass
15KHz	20MHz	LCH	DFT-64QAM	20.82	20.97	20.75	13.82	34.77	Pass
15KHz	20MHz	LCH	DFT-256QAM	18.68	18.92	18.91	11.77	34.77	Pass

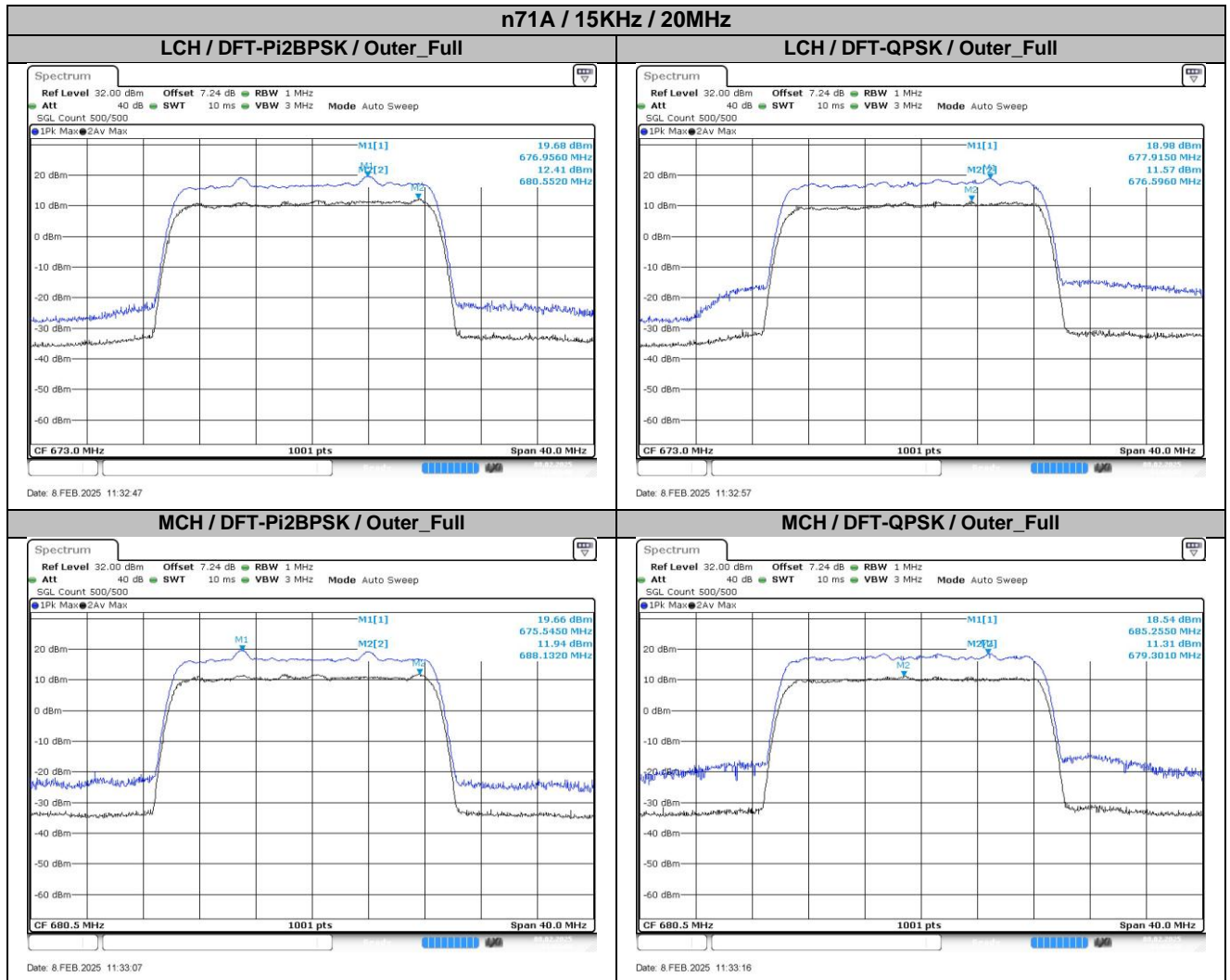
15KHz	20MHz	LCH	CP-QPSK	21.65	21.64	21.85	14.70	34.77	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.10	23.18	23.39	16.24	34.77	Pass
15KHz	20MHz	MCH	DFT-QPSK	23.23	23.13	23.37	16.22	34.77	Pass
15KHz	20MHz	MCH	DFT-16QAM	22.34	22.28	22.36	15.21	34.77	Pass
15KHz	20MHz	MCH	DFT-64QAM	20.88	20.87	20.96	13.81	34.77	Pass
15KHz	20MHz	MCH	DFT-256QAM	18.80	18.78	18.96	11.81	34.77	Pass
15KHz	20MHz	MCH	CP-QPSK	21.73	21.58	21.85	14.70	34.77	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	23.29	23.06	23.20	16.14	34.77	Pass
15KHz	20MHz	HCH	DFT-QPSK	23.20	23.03	23.28	16.13	34.77	Pass
15KHz	20MHz	HCH	DFT-16QAM	22.40	22.18	22.26	15.25	34.77	Pass
15KHz	20MHz	HCH	DFT-64QAM	20.88	20.78	20.88	13.73	34.77	Pass
15KHz	20MHz	HCH	DFT-256QAM	18.84	18.66	18.88	11.73	34.77	Pass
15KHz	20MHz	HCH	CP-QPSK	21.43	21.38	21.75	14.60	34.77	Pass

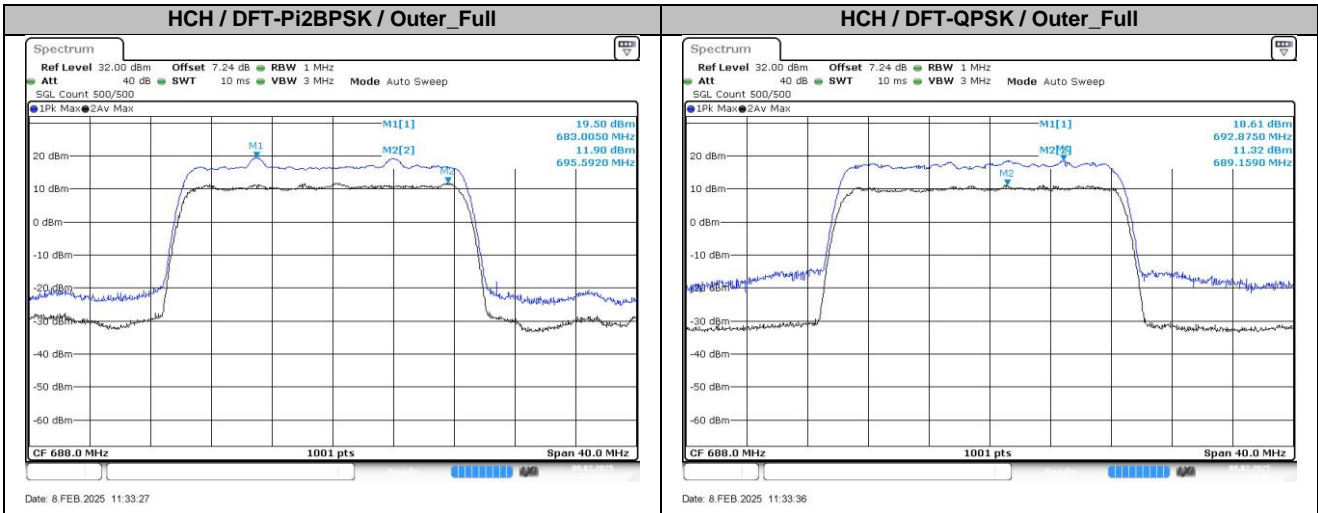
## 2. Peak-to-Average Ratio

### 2.1. Test Results

SCS	Bandwidth	Channel	RB	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	20MHz	LCH	Outer_Full	7.26	7.40	13.00	Pass
15KHz	20MHz	MCH	Outer_Full	7.73	7.23	13.00	Pass
15KHz	20MHz	HCH	Outer_Full	7.60	7.29	13.00	Pass

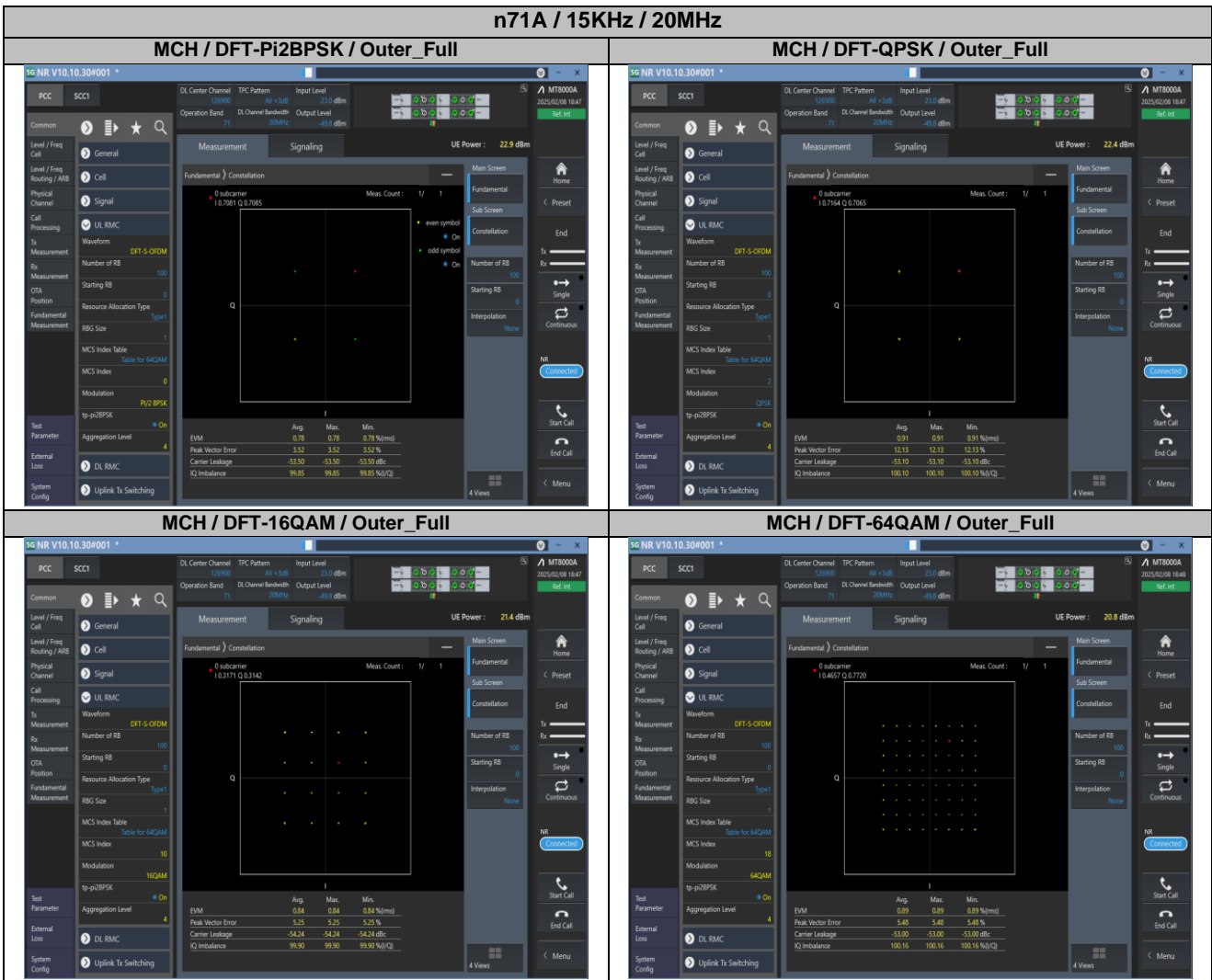
### 2.2. Test Plots for SCS=15KHz

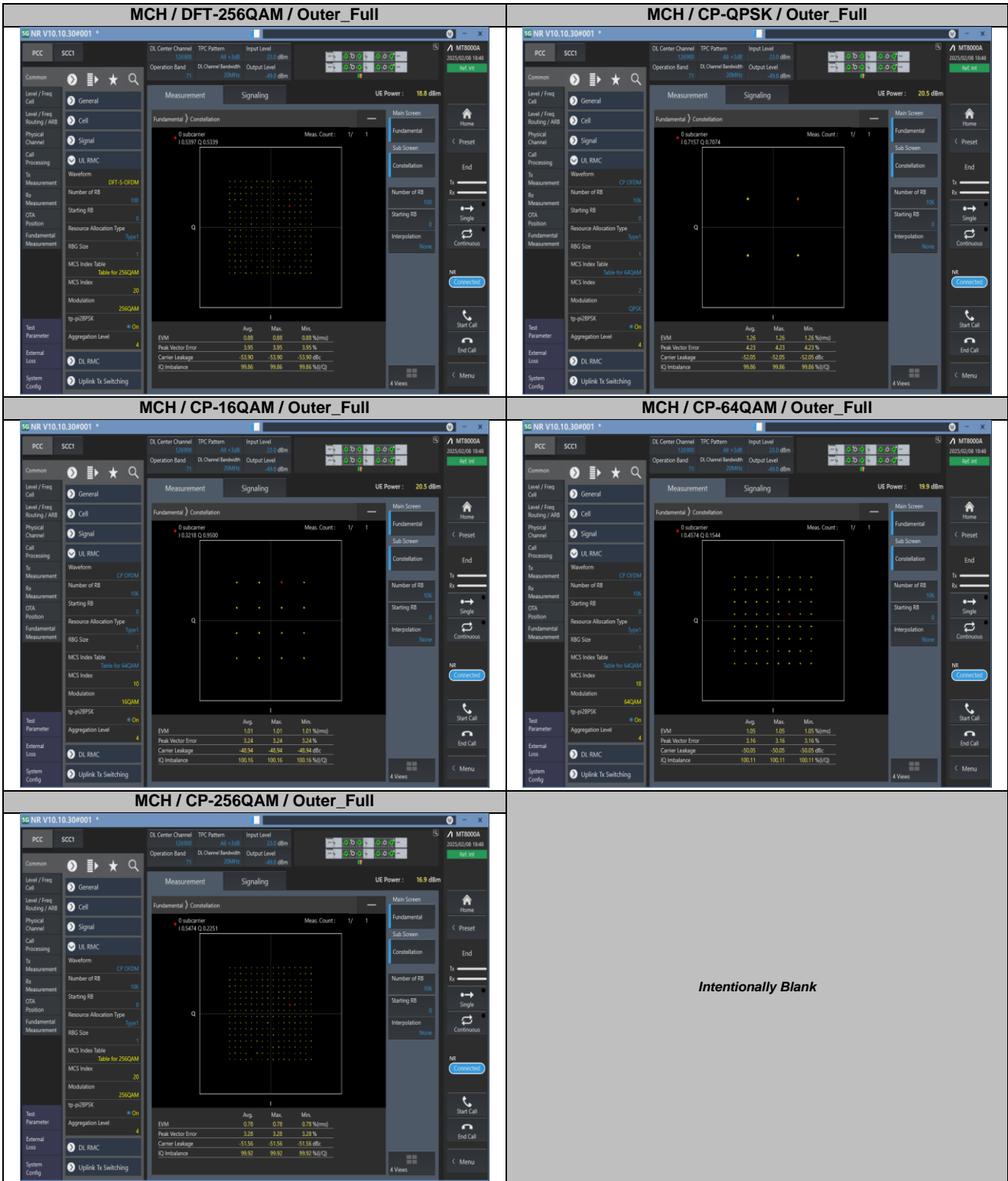




### 3. Modulation Characteristics

#### 3.1. Test Plots for SCS=15KHz



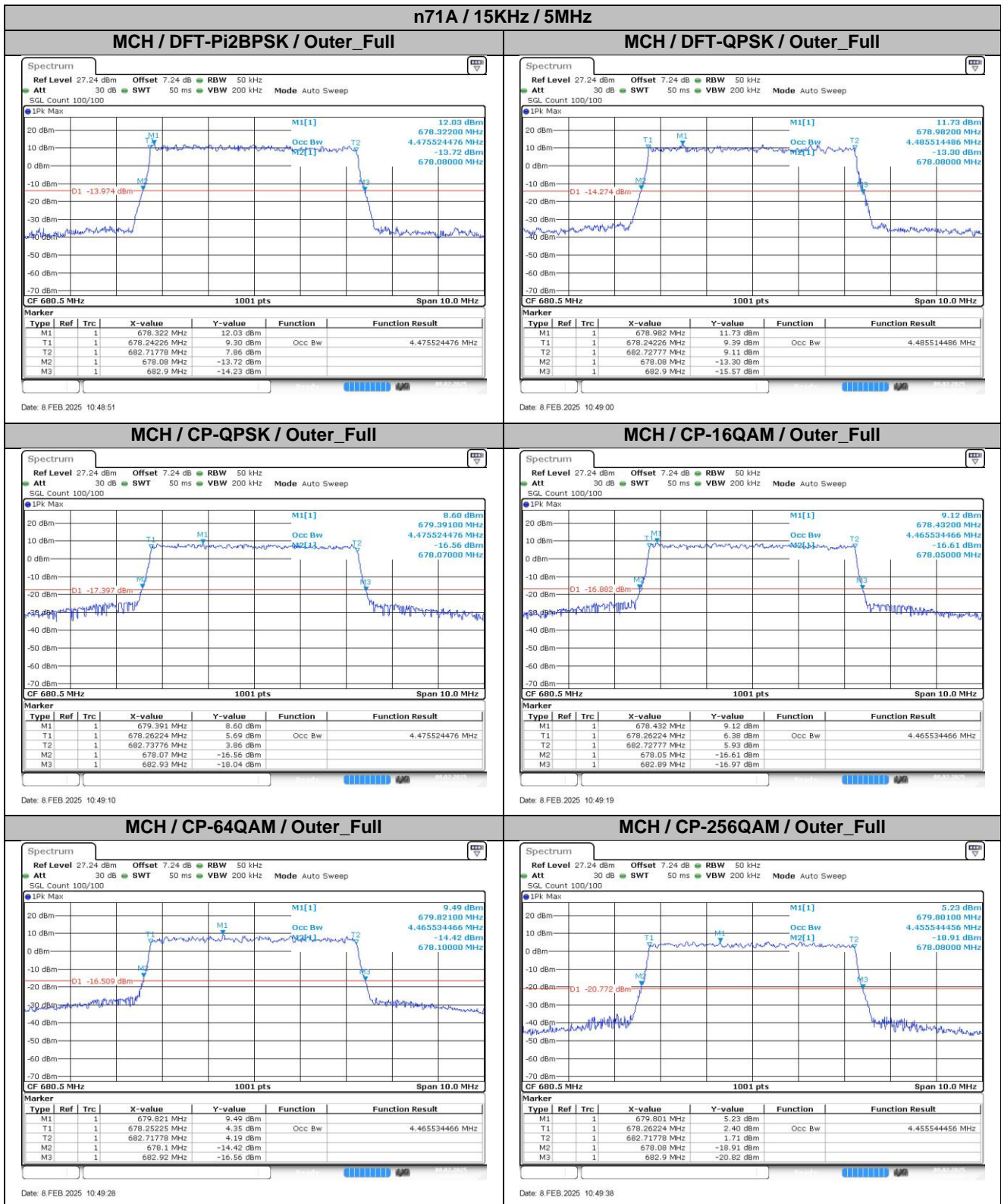


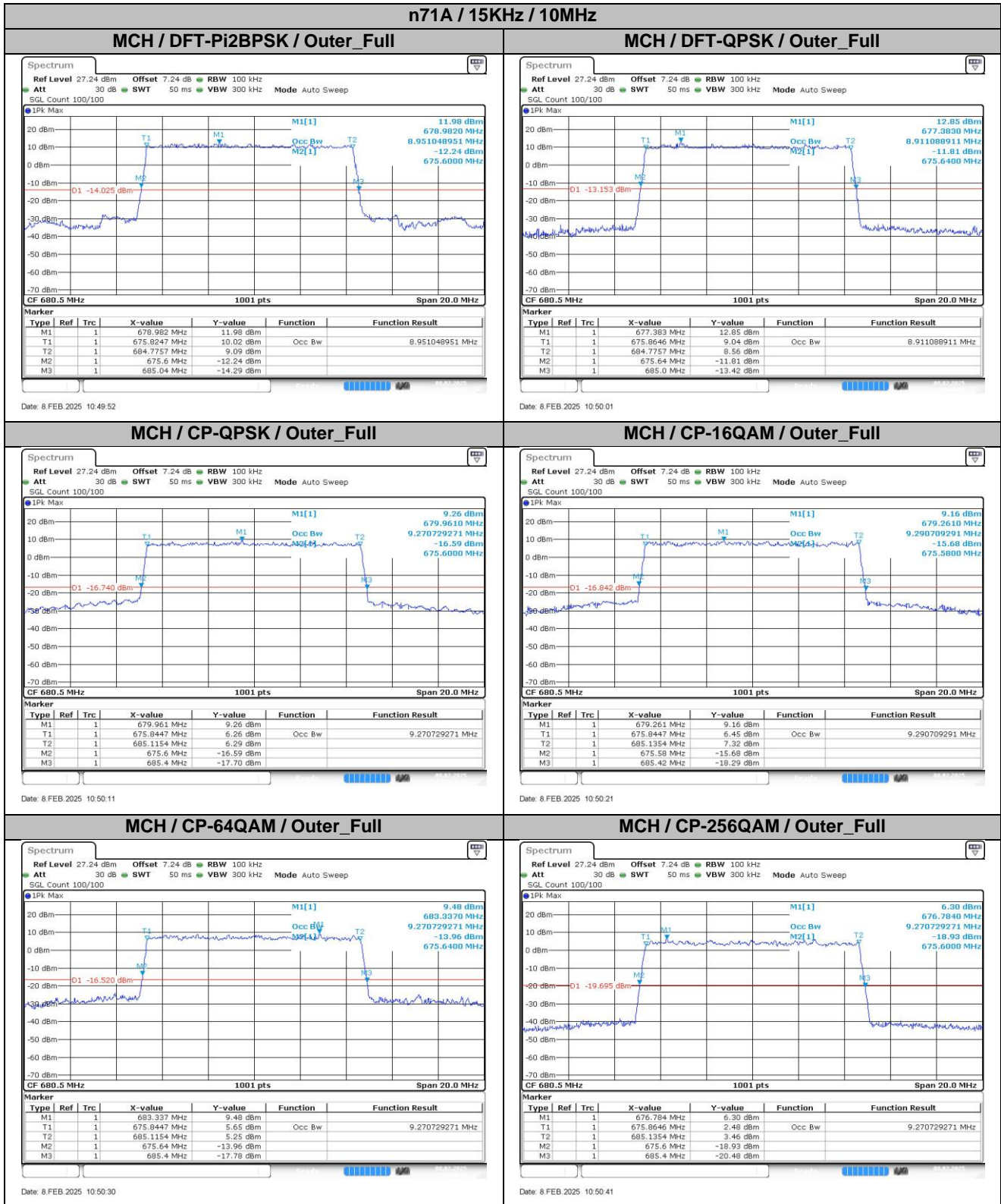
## 4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

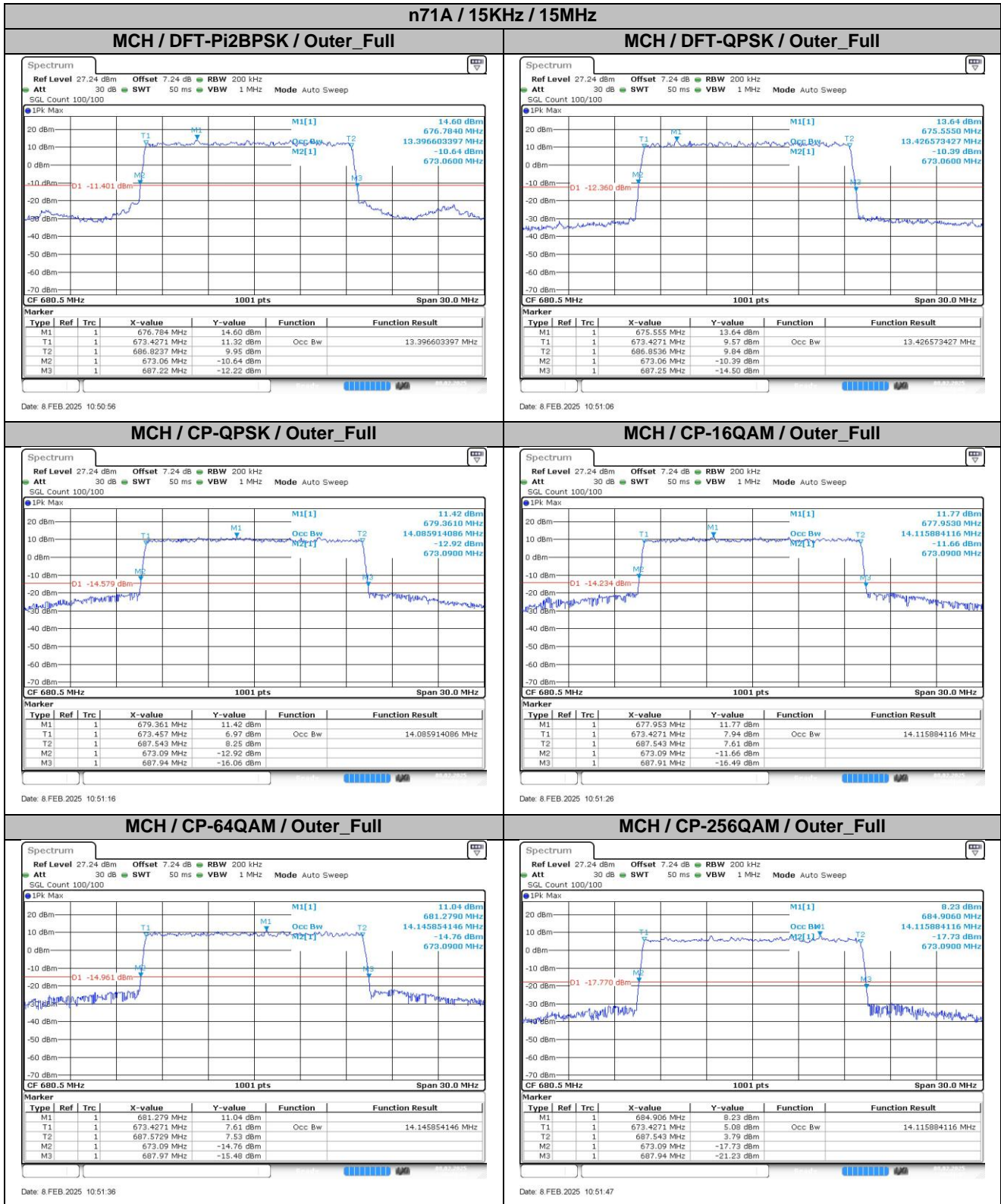
### 4.1. Test Results

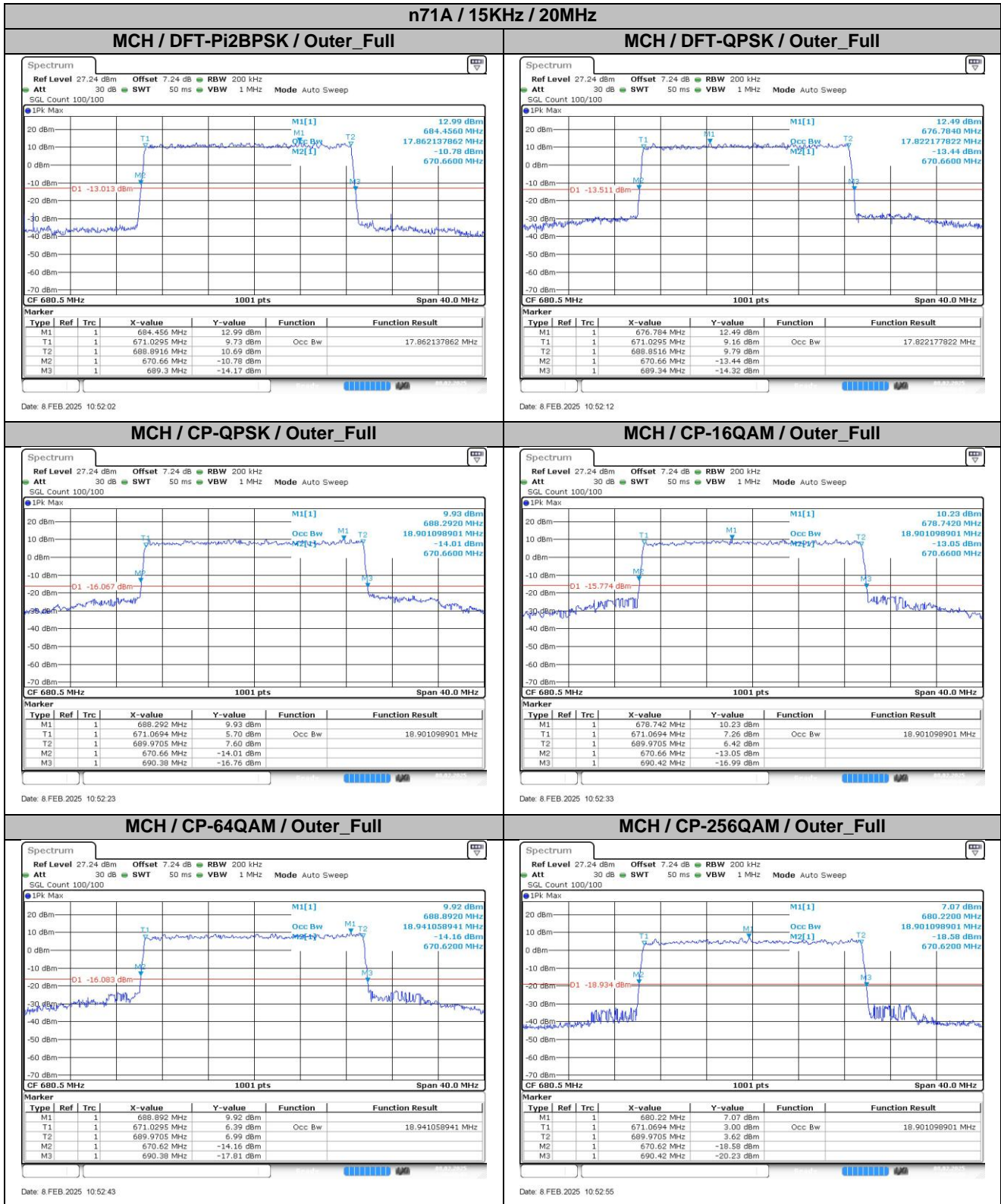
SCS	Bandwidth	Modulation	RB	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.48	4.82	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.49	4.82	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.48	4.86	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.47	4.84	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.47	4.82	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.46	4.82	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.95	9.44	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.91	9.36	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.27	9.80	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.29	9.84	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.27	9.76	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.27	9.80	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.40	14.16	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.43	14.19	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.09	14.85	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.12	14.82	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.15	14.88	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.12	14.85	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.86	18.64	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.82	18.68	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.90	19.72	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.90	19.76	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.94	19.76	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.90	19.80	Pass

4.2. Test Plots for SCS=15KHz



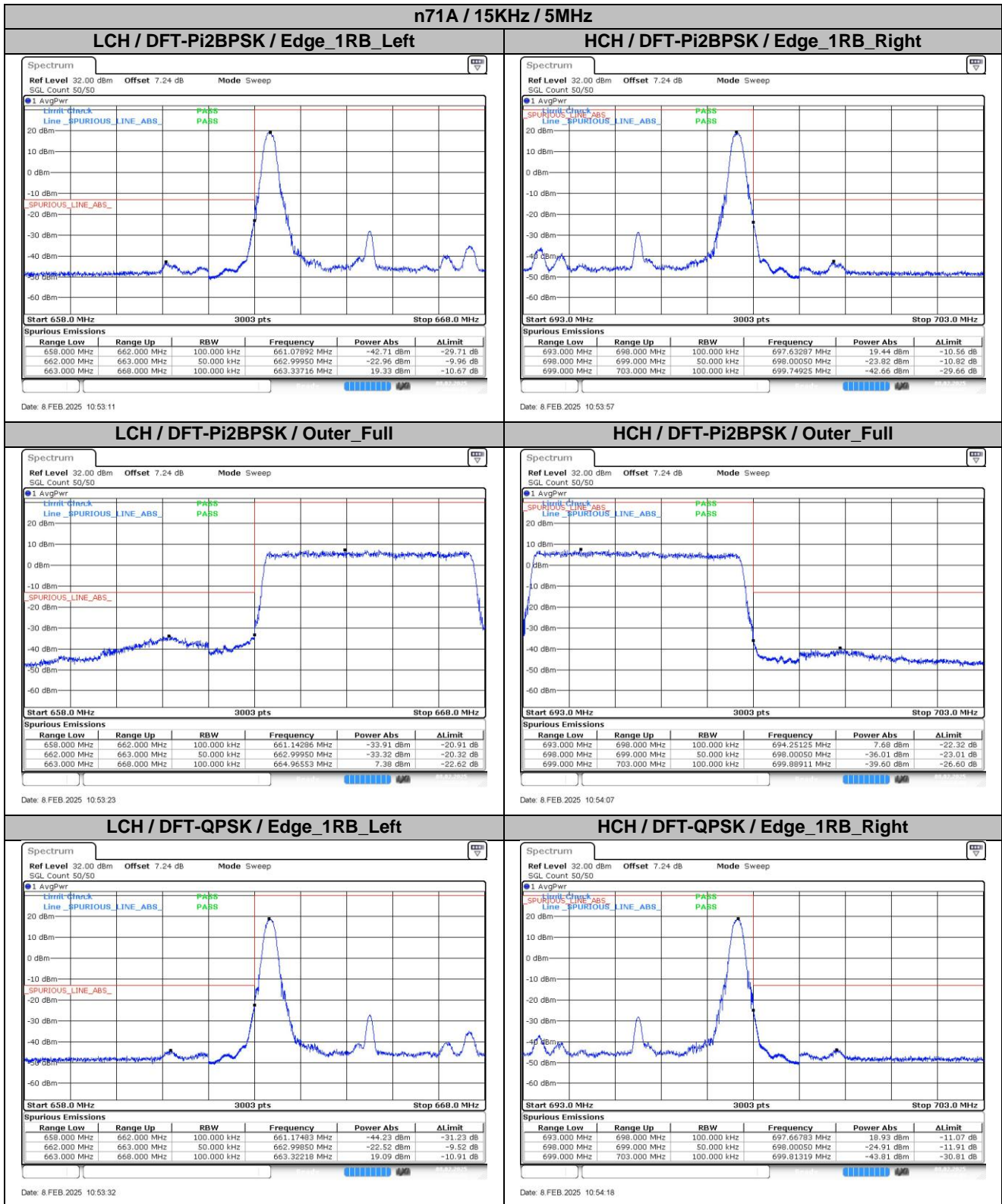


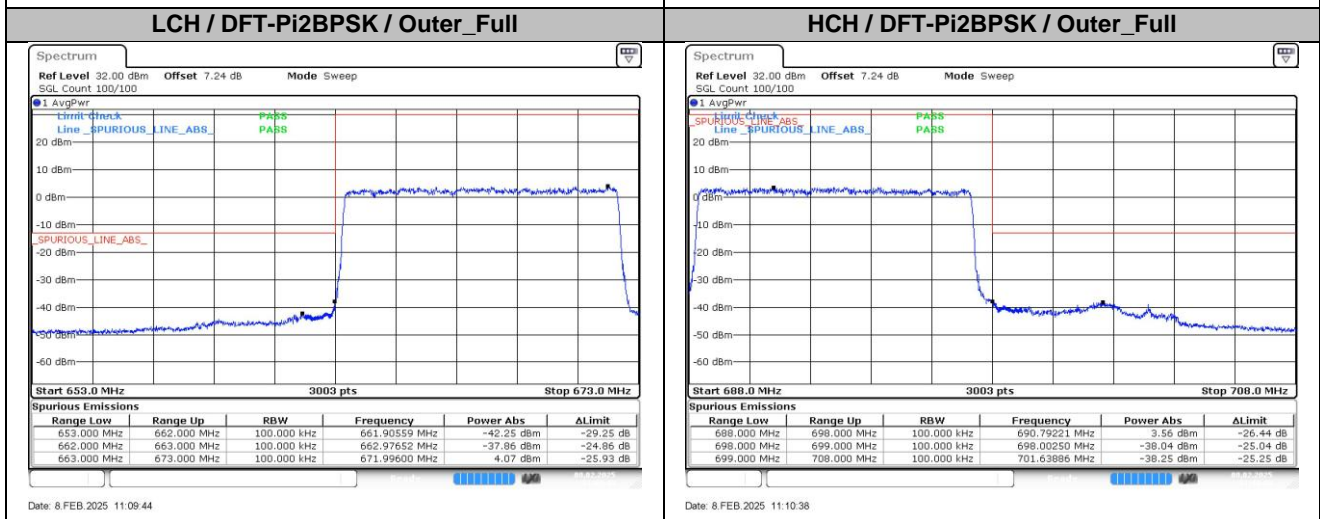
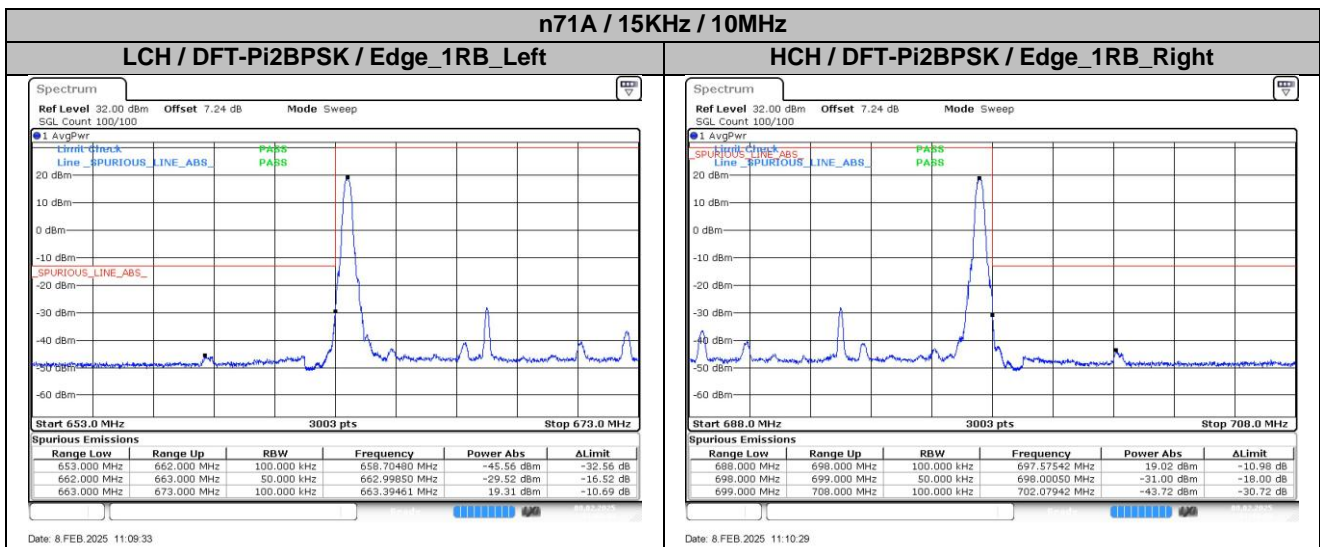
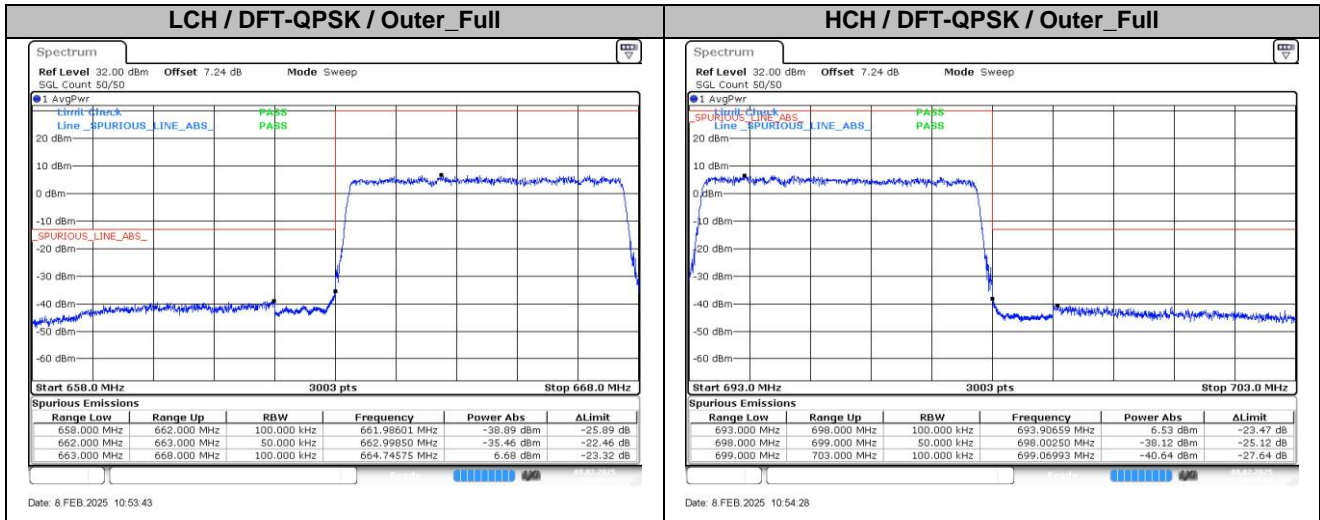


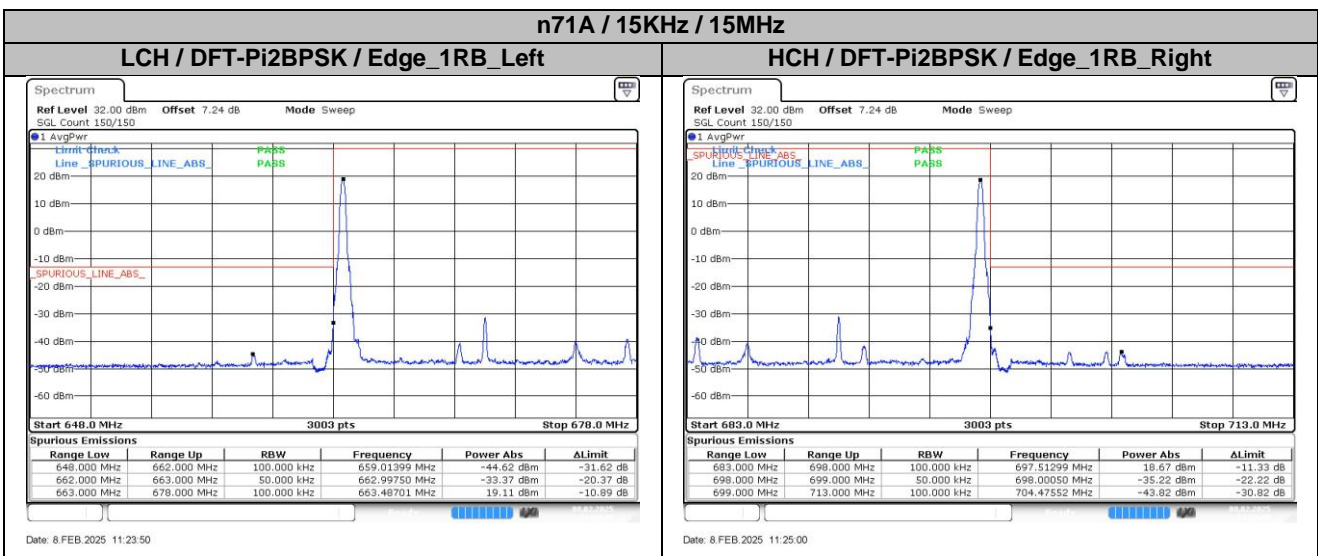
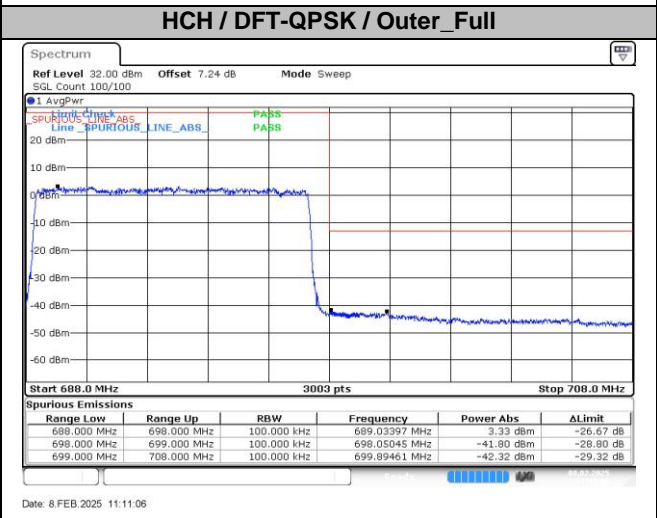
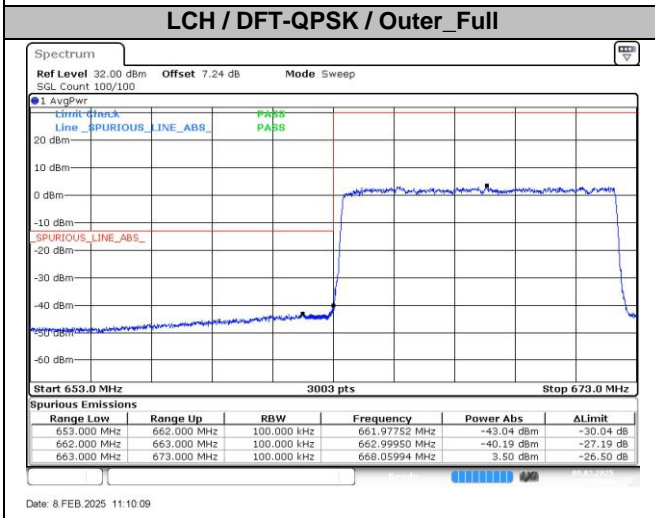
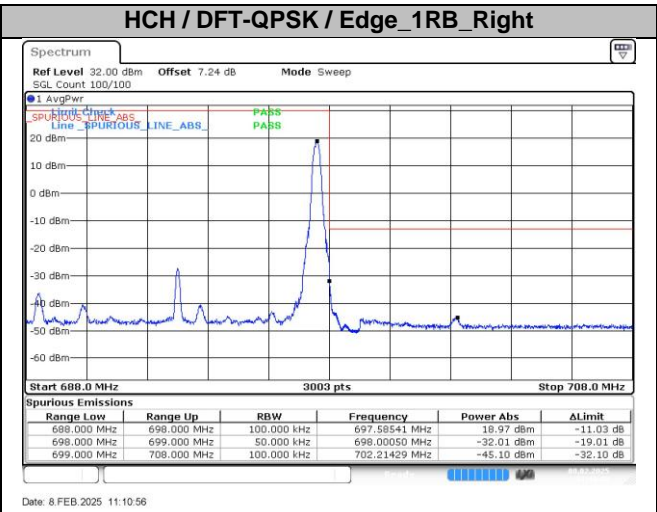
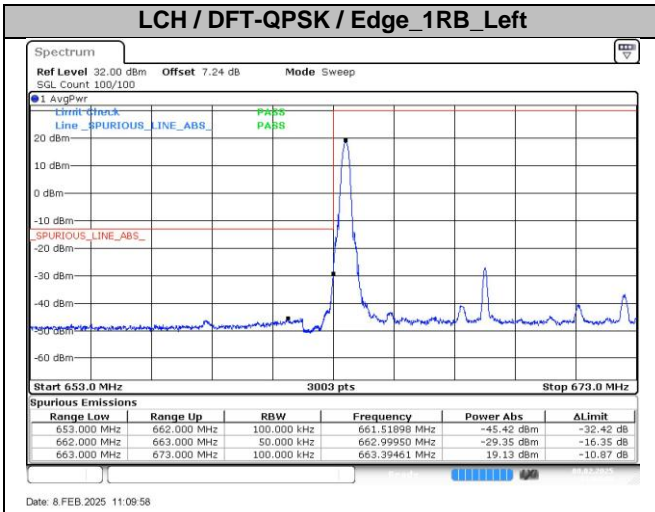


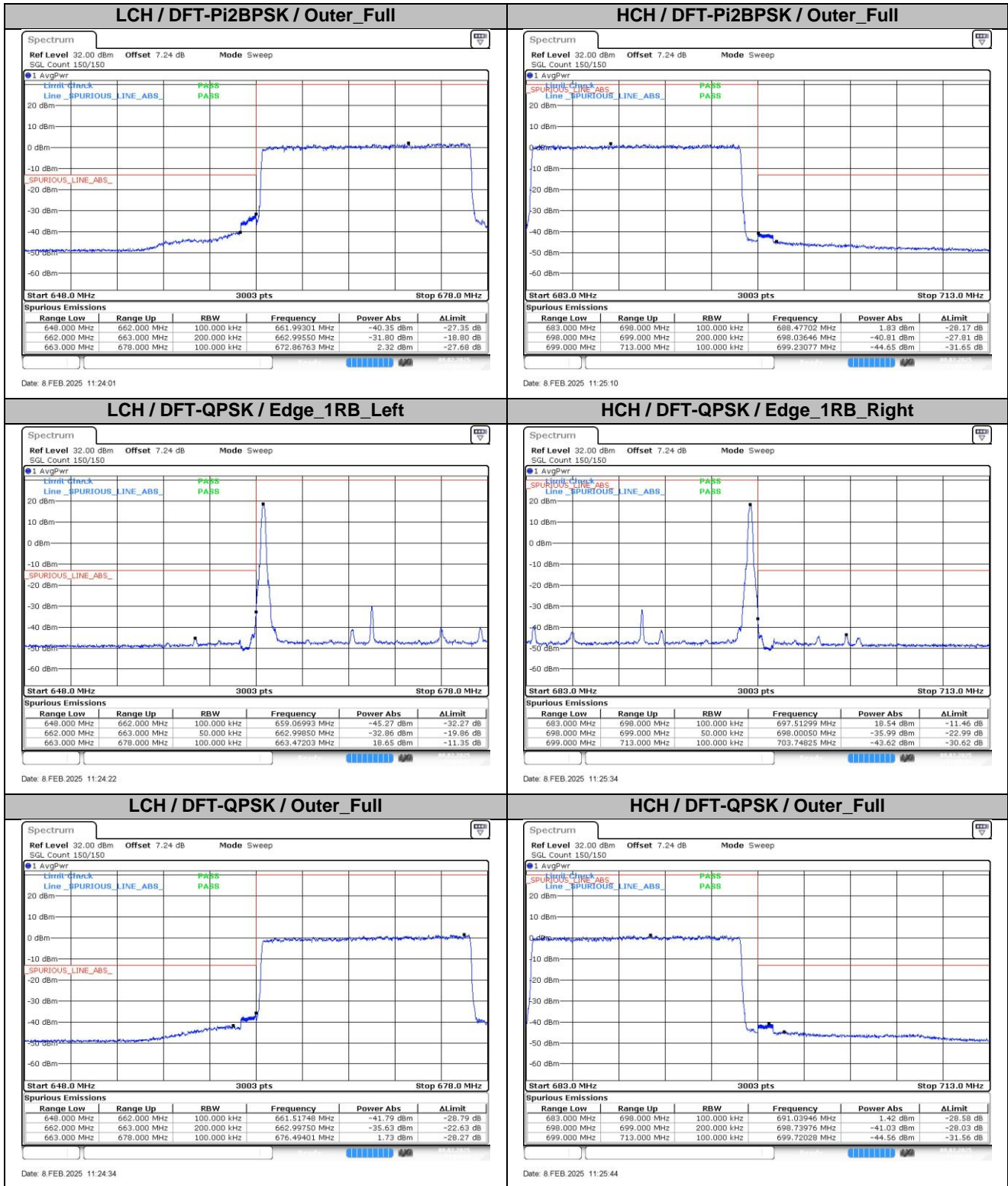
### 5. Conducted Band Edges

#### 5.1. Test Plots for SCS=15KHz



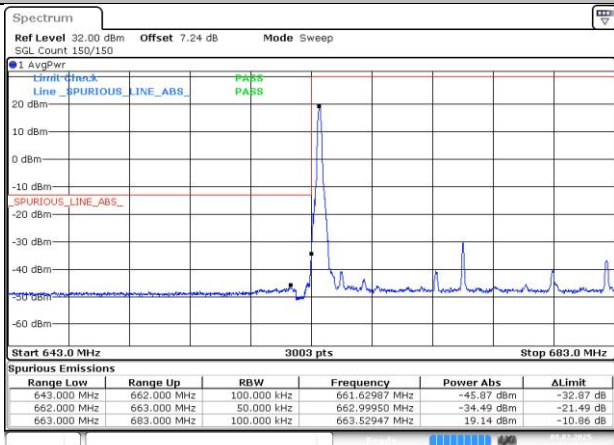






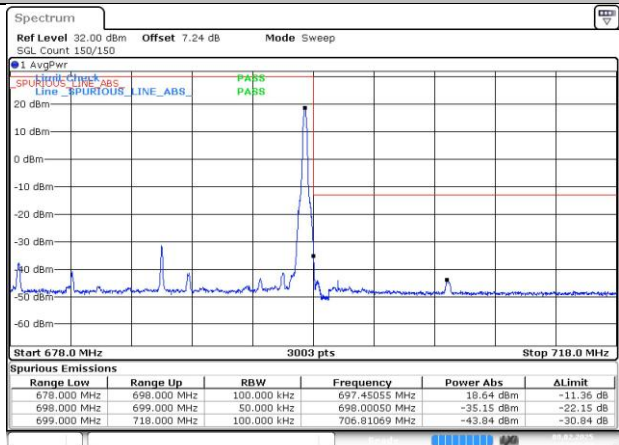
n71A / 15KHz / 20MHz

LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



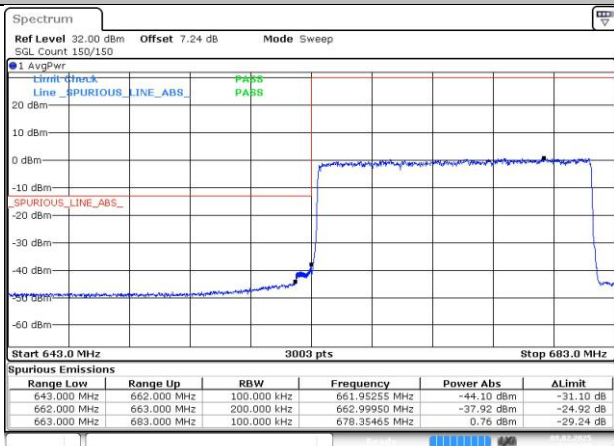
Date: 8 FEB 2025 11:26:14

HCH / DFT-Pi2BPSK / Edge\_1RB\_Right



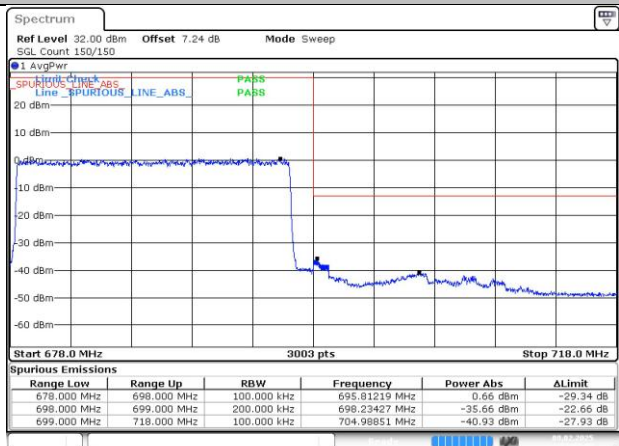
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LCH / DFT-Pi2BPSK / Outer\_Full



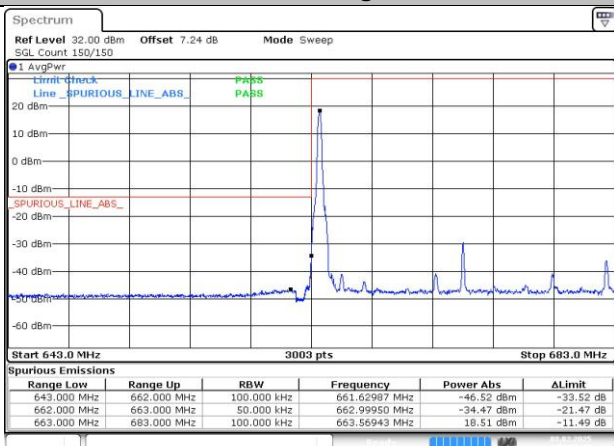
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HCH / DFT-Pi2BPSK / Outer\_Full



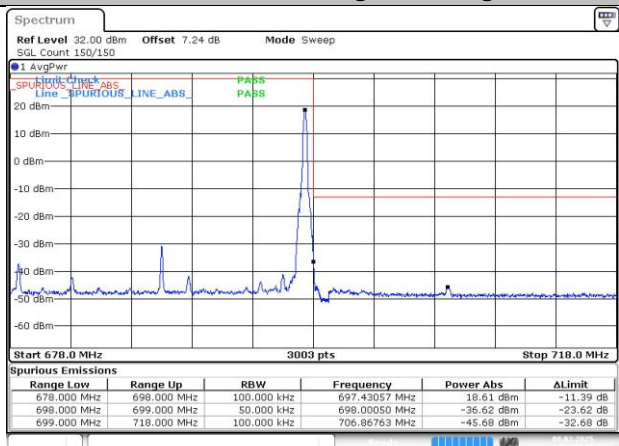
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LCH / DFT-QPSK / Edge\_1RB\_Left

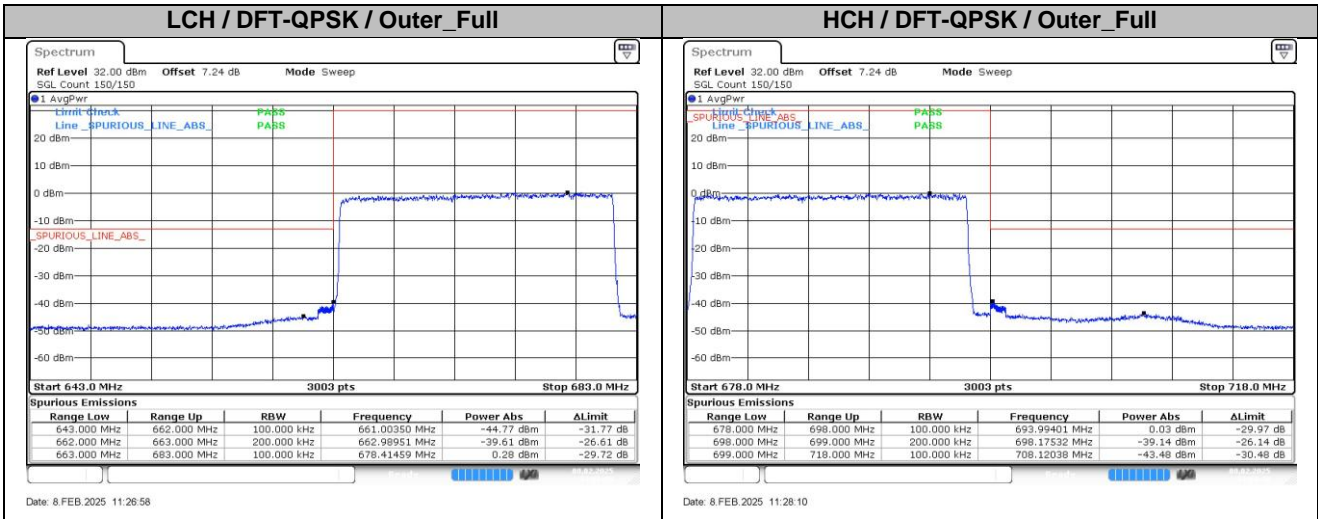


Date: 8 FEB 2025 11:26:47

HCH / DFT-QPSK / Edge\_1RB\_Right



Date: 8 FEB 2025 11:27:59



## 6. Conducted Spurious Emission

### 6.1. Test Plots for SCS=15KHz

