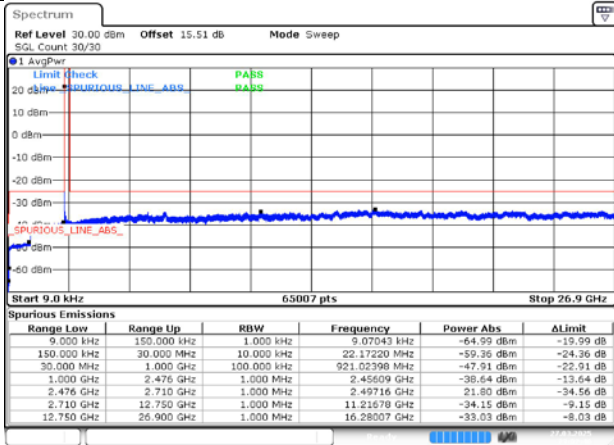


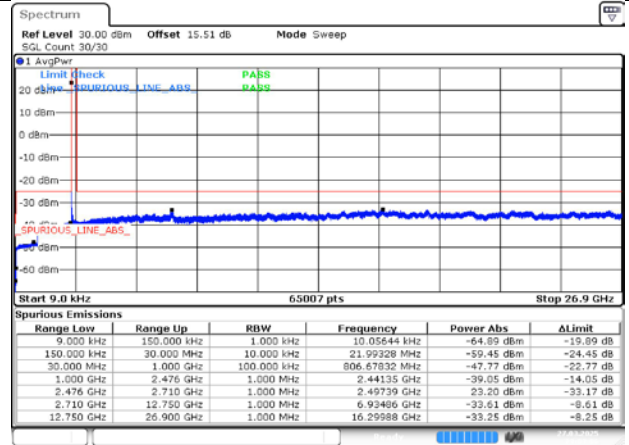
n41A / 30kHz / 60MHz

LCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



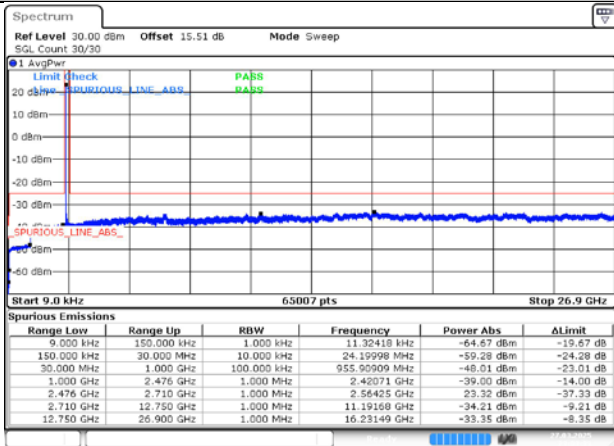
Date: 27.MAR.2025 23:02:40

LCH / DFT-QPSK\_Edge\_1RB\_Left



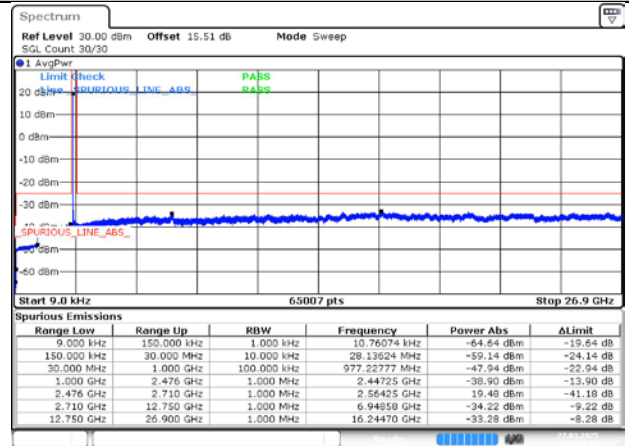
Date: 27.MAR.2025 23:03:06

MCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



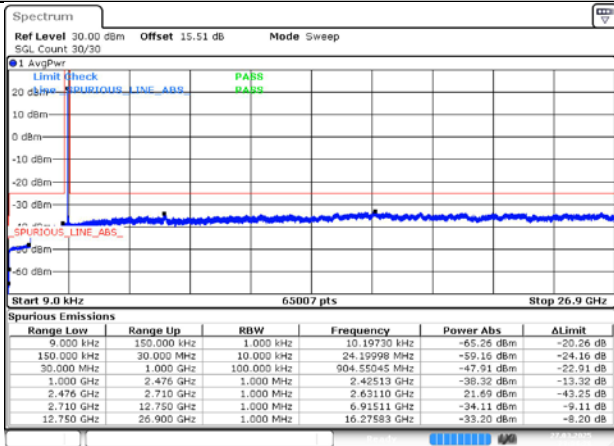
Date: 27.MAR.2025 23:03:33

MCH / DFT-QPSK\_Edge\_1RB\_Left



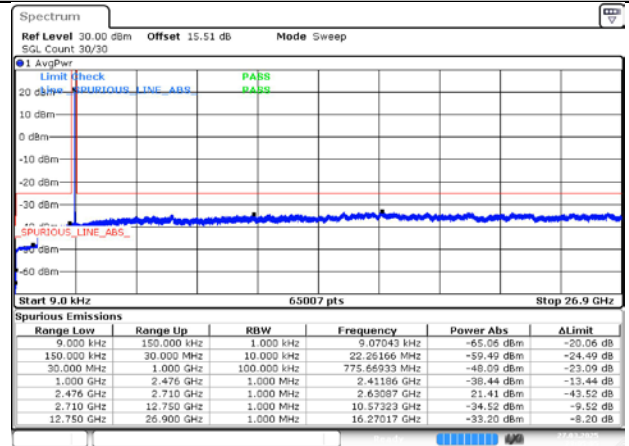
Date: 27.MAR.2025 23:04:00

HCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



Date: 27.MAR.2025 23:04:28

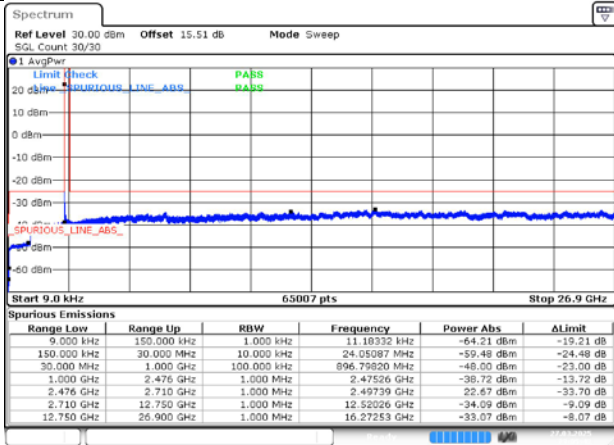
HCH / DFT-QPSK\_Edge\_1RB\_Left



Date: 27.MAR.2025 23:05:04

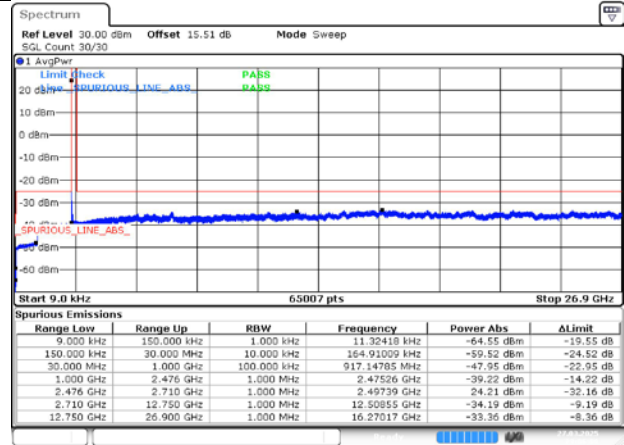
n41A / 30kHz / 70MHz

LCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



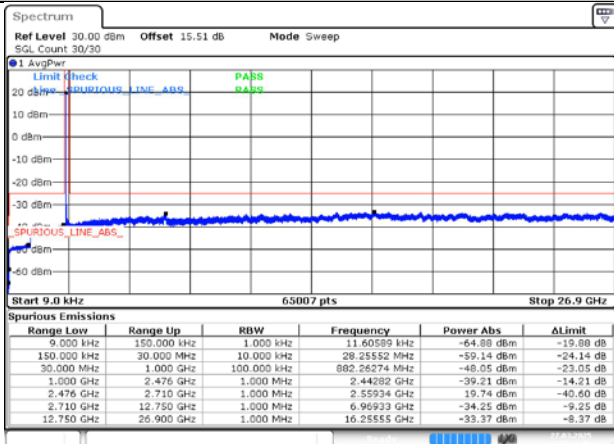
Date: 27.MAR.2025 23:05:42

LCH / DFT-QPSK\_Edge\_1RB\_Left



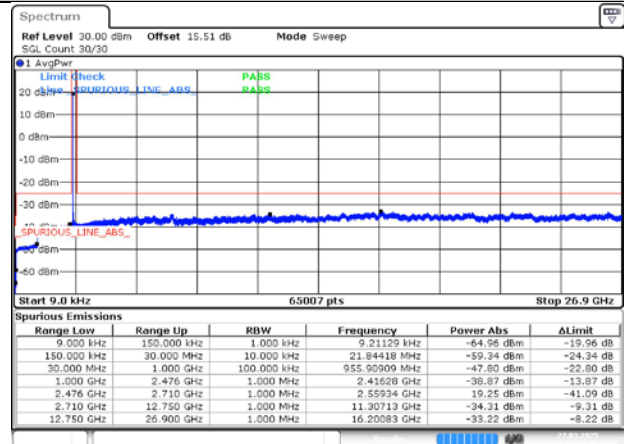
Date: 27.MAR.2025 23:06:08

MCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



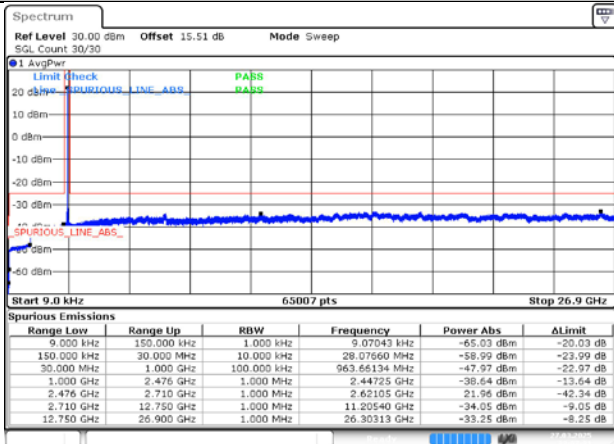
Date: 27.MAR.2025 23:06:36

MCH / DFT-QPSK\_Edge\_1RB\_Left



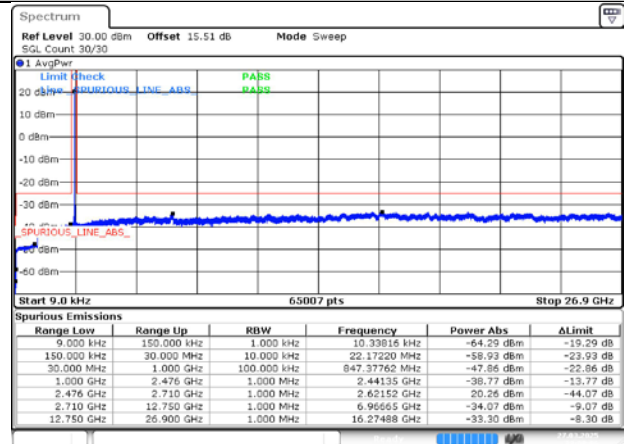
Date: 27.MAR.2025 23:07:02

HCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



Date: 27.MAR.2025 23:07:30

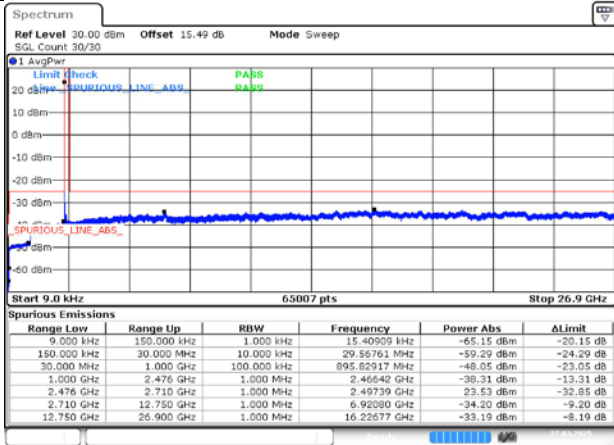
HCH / DFT-QPSK\_Edge\_1RB\_Left



Date: 27.MAR.2025 23:08:06

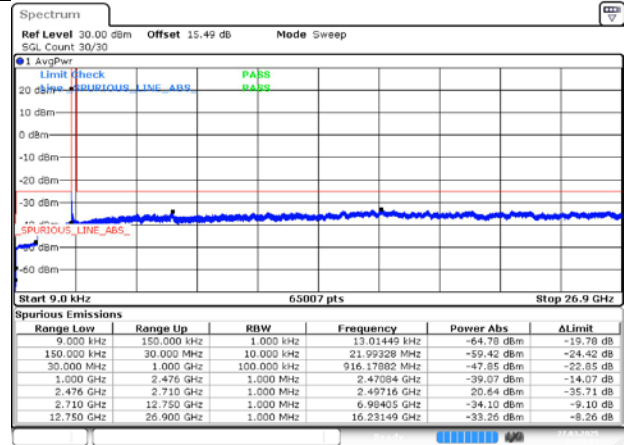
n41A / 30kHz / 80MHz

LCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



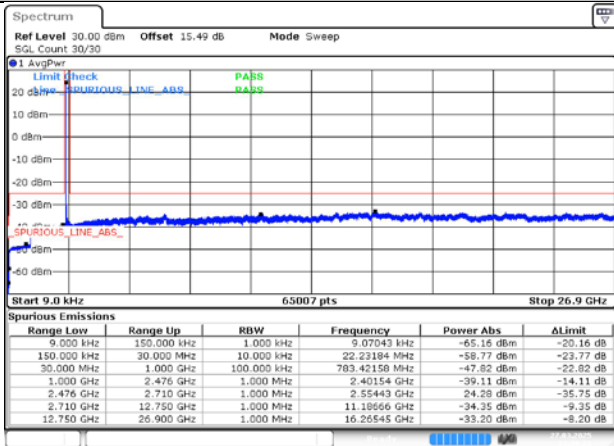
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LCH / DFT-QPSK\_Edge\_1RB\_Left



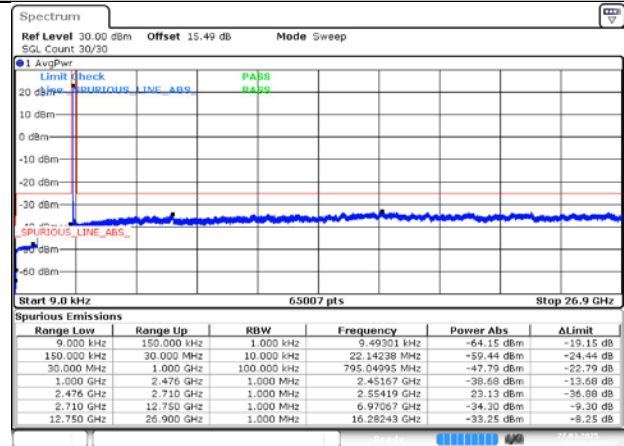
Date: 27.MAR.2025 23:09:01

MCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



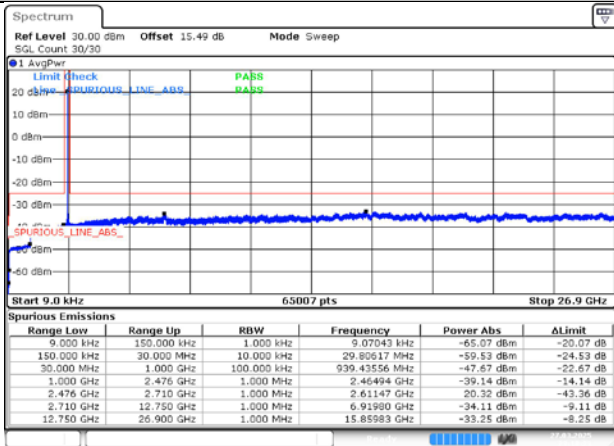
Date: 27.MAR.2025 23:09:29

MCH / DFT-QPSK\_Edge\_1RB\_Left



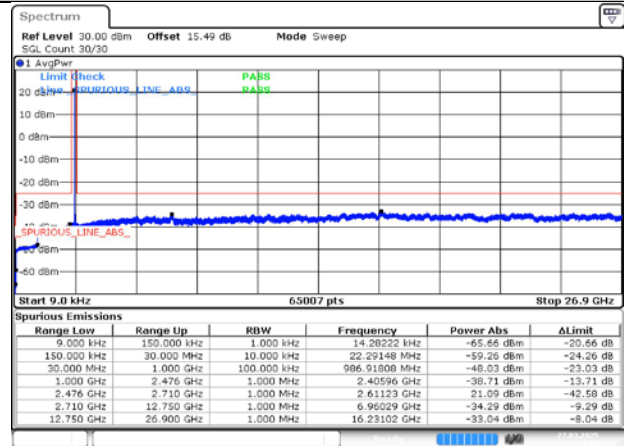
Date: 27.MAR.2025 23:09:55

HCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



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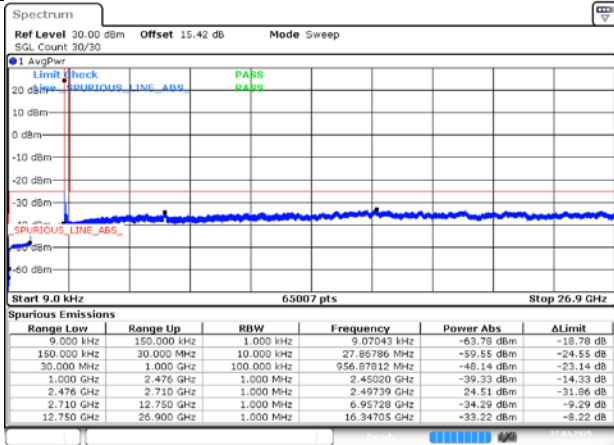
HCH / DFT-QPSK\_Edge\_1RB\_Left



Date: 27.MAR.2025 23:10:59

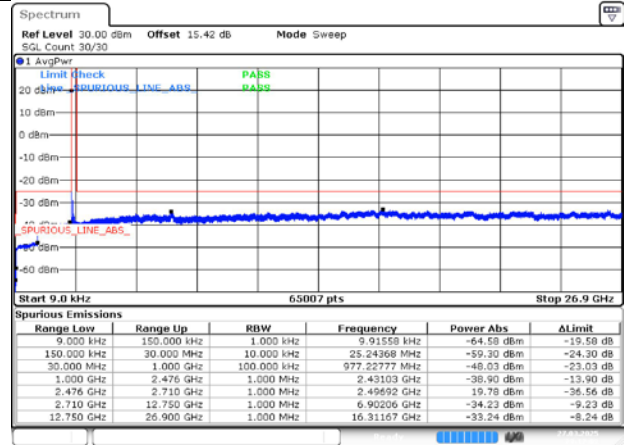
n41A / 30KHz / 90MHz

LCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



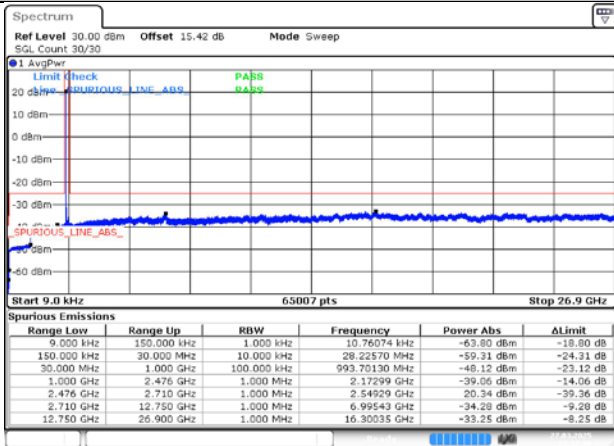
Date: 27.MAR.2025 23:11:38

LCH / DFT-QPSK\_Edge\_1RB\_Left



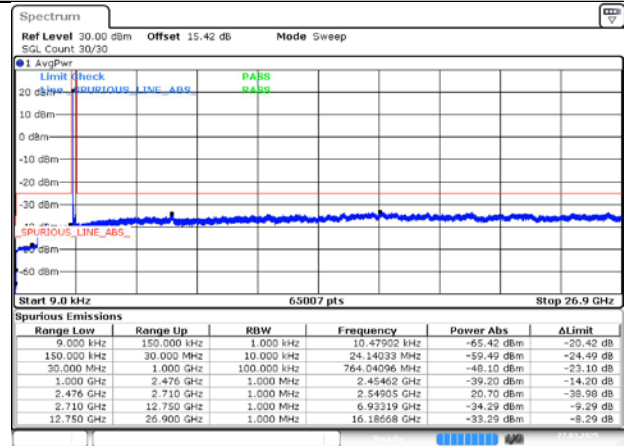
Date: 27.MAR.2025 23:12:02

MCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



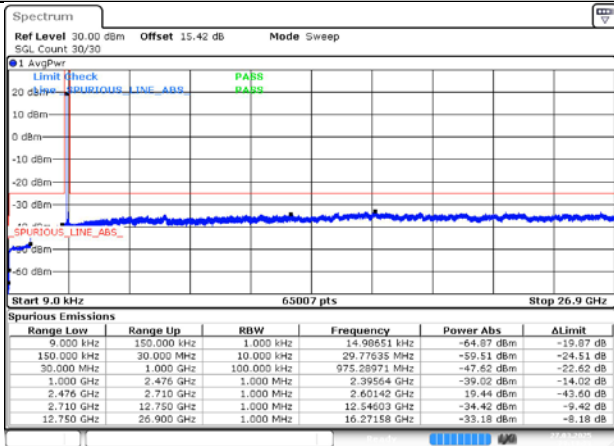
Date: 27.MAR.2025 23:12:29

MCH / DFT-QPSK\_Edge\_1RB\_Left



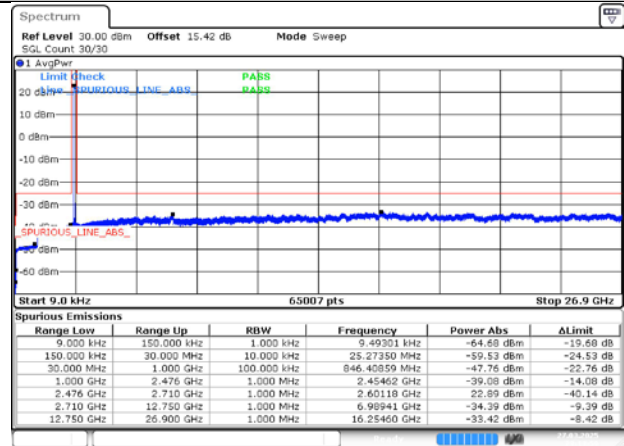
Date: 27.MAR.2025 23:12:55

HCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



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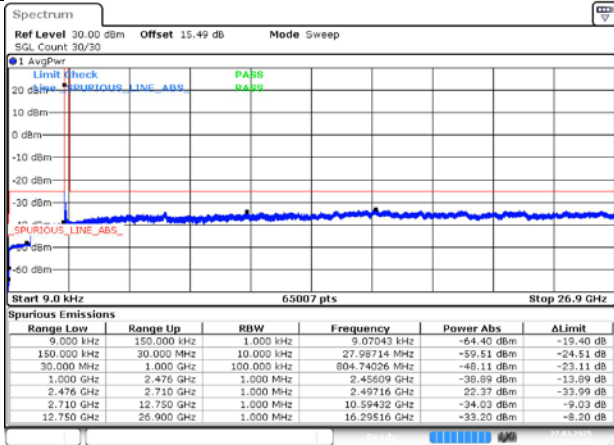
HCH / DFT-QPSK\_Edge\_1RB\_Left



Date: 27.MAR.2025 23:13:59

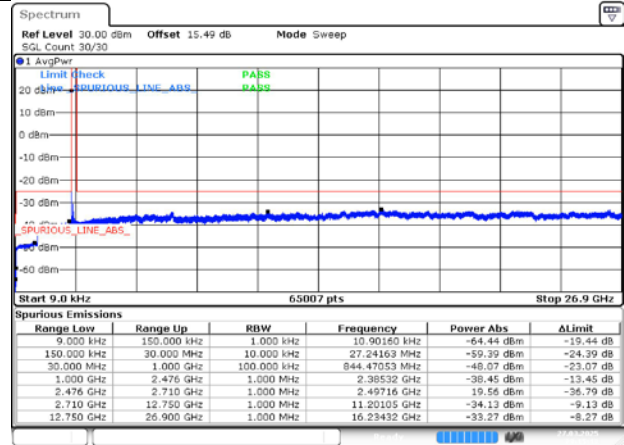
n41A / 30KHz / 100MHz

LCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



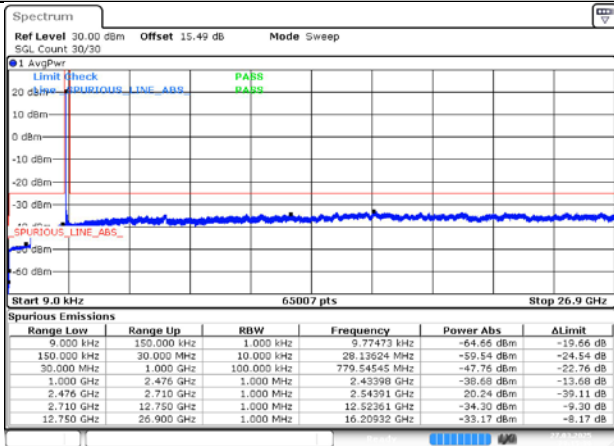
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LCH / DFT-QPSK\_Edge\_1RB\_Left



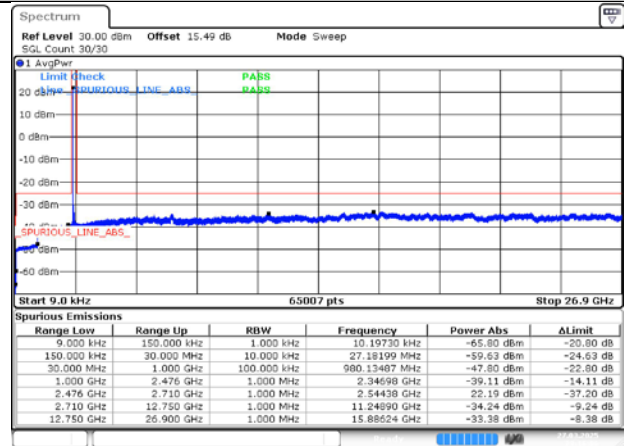
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MCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



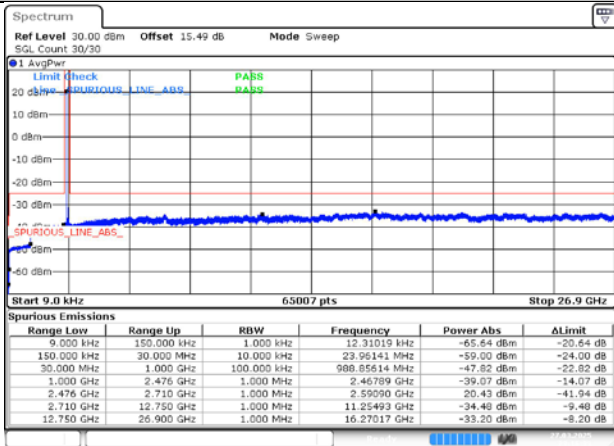
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MCH / DFT-QPSK\_Edge\_1RB\_Left



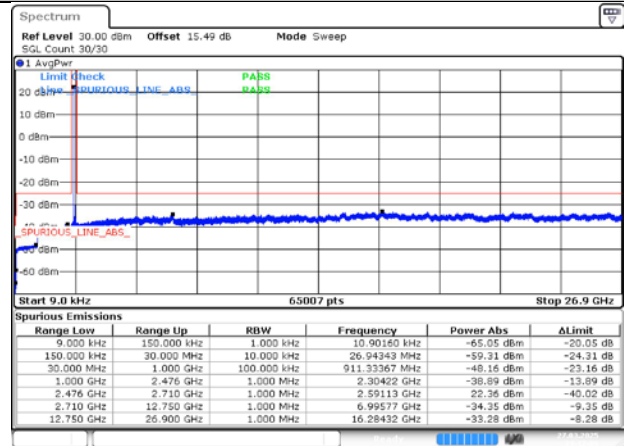
Date: 27.MAR.2025 23:16:06

HCH / DFT-Pi2BPSK\_Edge\_1RB\_Left



Date: 27.MAR.2025 23:16:33

HCH / DFT-QPSK\_Edge\_1RB\_Left



Date: 27.MAR.2025 23:17:09

## 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	-2.60	-0.001003	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-6.20	-0.002391	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-3.50	-0.001350	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	-3.80	-0.001465	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-4.00	-0.001543	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-4.70	-0.001813	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-11.00	-0.004242	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-5.00	-0.001928	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-6.40	-0.002468	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-9.80	-0.003779	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-9.10	-0.003509	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-8.00	-0.003085	Pass

---

The End

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

## Catalogue

<b>1.</b>	<b>EFFECTIVE RADIATED POWER .....</b>	<b>3</b>
1.1.	TEST RESULTS @ ANT0 (ANTENNA GAIN=-5.40DBI) .....	3
<b>2.</b>	<b>PEAK-TO-AVERAGE RATIO .....</b>	<b>4</b>
2.1.	TEST RESULTS .....	4
2.2.	TEST PLOTS FOR SCS=15KHZ.....	4
<b>3.</b>	<b>MODULATION CHARACTERISTICS .....</b>	<b>5</b>
3.1.	TEST PLOTS FOR SCS=15KHZ.....	5
<b>4.</b>	<b>99% OCCUPIED BANDWIDTH &amp; 26DB EMISSION BANDWIDTH .....</b>	<b>7</b>
4.1.	TEST RESULTS .....	7
4.2.	TEST PLOTS FOR SCS=15KHZ.....	8
<b>5.</b>	<b>CONDUCTED BAND EDGES .....</b>	<b>12</b>
5.1.	TEST PLOTS FOR SCS=15KHZ.....	12
<b>6.</b>	<b>CONDUCTED SPURIOUS EMISSION .....</b>	<b>17</b>
6.1.	TEST PLOTS FOR SCS=15KHZ.....	17
<b>7.</b>	<b>FREQUENCY STABILITY .....</b>	<b>21</b>
7.1.	TEST RESULTS .....	21

### 1. Effective Radiated Power

#### 1.1. Test Results @ Ant0 (Antenna Gain=-5.40dBi)

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	22.58	22.59	22.59	15.04	34.77	Pass
15KHz	5MHz	LCH	DFT-QPSK	22.48	22.60	22.65	15.10	34.77	Pass
15KHz	5MHz	LCH	DFT-16QAM	21.91	21.71	21.68	14.36	34.77	Pass
15KHz	5MHz	LCH	DFT-64QAM	20.33	20.28	20.26	12.78	34.77	Pass
15KHz	5MHz	LCH	DFT-256QAM	18.03	18.04	18.31	10.76	34.77	Pass
15KHz	5MHz	LCH	CP-QPSK	21.04	20.90	21.21	13.66	34.77	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	22.56	22.62	22.69	15.14	34.77	Pass
15KHz	5MHz	MCH	DFT-QPSK	22.58	22.64	22.68	15.13	34.77	Pass
15KHz	5MHz	MCH	DFT-16QAM	21.88	21.78	21.77	14.33	34.77	Pass
15KHz	5MHz	MCH	DFT-64QAM	20.38	20.44	20.35	12.89	34.77	Pass
15KHz	5MHz	MCH	DFT-256QAM	18.14	18.11	18.32	10.77	34.77	Pass
15KHz	5MHz	MCH	CP-QPSK	21.05	21.02	21.28	13.73	34.77	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	22.45	22.51	22.53	14.98	34.77	Pass
15KHz	5MHz	HCH	DFT-QPSK	22.47	22.51	22.55	15.00	34.77	Pass
15KHz	5MHz	HCH	DFT-16QAM	21.64	21.70	21.61	14.15	34.77	Pass
15KHz	5MHz	HCH	DFT-64QAM	20.19	20.23	20.23	12.68	34.77	Pass
15KHz	5MHz	HCH	DFT-256QAM	17.93	18.01	18.21	10.66	34.77	Pass
15KHz	5MHz	HCH	CP-QPSK	20.93	20.90	21.17	13.62	34.77	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	22.57	22.67	22.62	15.12	34.77	Pass
15KHz	10MHz	LCH	DFT-QPSK	22.50	22.63	22.60	15.08	34.77	Pass
15KHz	10MHz	LCH	DFT-16QAM	21.90	21.78	21.65	14.35	34.77	Pass
15KHz	10MHz	LCH	DFT-64QAM	20.37	20.29	20.21	12.82	34.77	Pass
15KHz	10MHz	LCH	DFT-256QAM	18.01	18.00	18.13	10.58	34.77	Pass
15KHz	10MHz	LCH	CP-QPSK	21.25	21.19	21.13	13.70	34.77	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	22.64	22.67	22.61	15.12	34.77	Pass
15KHz	10MHz	MCH	DFT-QPSK	22.66	22.59	22.60	15.11	34.77	Pass
15KHz	10MHz	MCH	DFT-16QAM	21.81	21.77	21.73	14.26	34.77	Pass
15KHz	10MHz	MCH	DFT-64QAM	20.41	20.36	20.28	12.86	34.77	Pass
15KHz	10MHz	MCH	DFT-256QAM	18.04	18.10	18.21	10.66	34.77	Pass
15KHz	10MHz	MCH	CP-QPSK	21.08	21.05	21.22	13.67	34.77	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	22.45	22.50	22.48	14.95	34.77	Pass
15KHz	10MHz	HCH	DFT-QPSK	22.49	22.45	22.46	14.94	34.77	Pass
15KHz	10MHz	HCH	DFT-16QAM	21.57	21.67	21.58	14.12	34.77	Pass
15KHz	10MHz	HCH	DFT-64QAM	20.19	20.29	20.15	12.74	34.77	Pass
15KHz	10MHz	HCH	DFT-256QAM	17.96	17.93	18.06	10.51	34.77	Pass
15KHz	10MHz	HCH	CP-QPSK	20.94	20.87	21.07	13.52	34.77	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	22.61	22.59	22.64	15.09	34.77	Pass
15KHz	15MHz	LCH	DFT-QPSK	22.52	22.58	22.66	15.11	34.77	Pass
15KHz	15MHz	LCH	DFT-16QAM	21.86	21.79	21.74	14.31	34.77	Pass
15KHz	15MHz	LCH	DFT-64QAM	20.46	20.36	20.24	12.91	34.77	Pass
15KHz	15MHz	LCH	DFT-256QAM	18.02	18.05	18.20	10.65	34.77	Pass
15KHz	15MHz	LCH	CP-QPSK	21.03	21.02	21.23	13.68	34.77	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	22.73	22.64	22.64	15.18	34.77	Pass
15KHz	15MHz	MCH	DFT-QPSK	22.70	22.61	22.61	15.15	34.77	Pass
15KHz	15MHz	MCH	DFT-16QAM	21.79	21.78	21.77	14.24	34.77	Pass
15KHz	15MHz	MCH	DFT-64QAM	20.40	20.40	20.25	12.85	34.77	Pass
15KHz	15MHz	MCH	DFT-256QAM	18.09	18.07	18.26	10.71	34.77	Pass
15KHz	15MHz	MCH	CP-QPSK	21.03	21.07	21.25	13.70	34.77	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	22.51	22.50	22.52	14.97	34.77	Pass
15KHz	15MHz	HCH	DFT-QPSK	22.53	22.47	22.49	14.98	34.77	Pass
15KHz	15MHz	HCH	DFT-16QAM	21.64	21.66	21.62	14.11	34.77	Pass
15KHz	15MHz	HCH	DFT-64QAM	20.21	20.21	20.13	12.66	34.77	Pass
15KHz	15MHz	HCH	DFT-256QAM	17.93	17.93	18.10	10.55	34.77	Pass
15KHz	15MHz	HCH	CP-QPSK	20.95	20.92	21.10	13.55	34.77	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	22.65	22.68	22.69	15.14	34.77	Pass
15KHz	20MHz	LCH	DFT-QPSK	22.55	22.61	22.72	15.17	34.77	Pass
15KHz	20MHz	LCH	DFT-16QAM	21.84	21.80	21.71	14.29	34.77	Pass
15KHz	20MHz	LCH	DFT-64QAM	20.52	20.41	20.22	12.97	34.77	Pass
15KHz	20MHz	LCH	DFT-256QAM	18.00	18.11	18.25	10.70	34.77	Pass

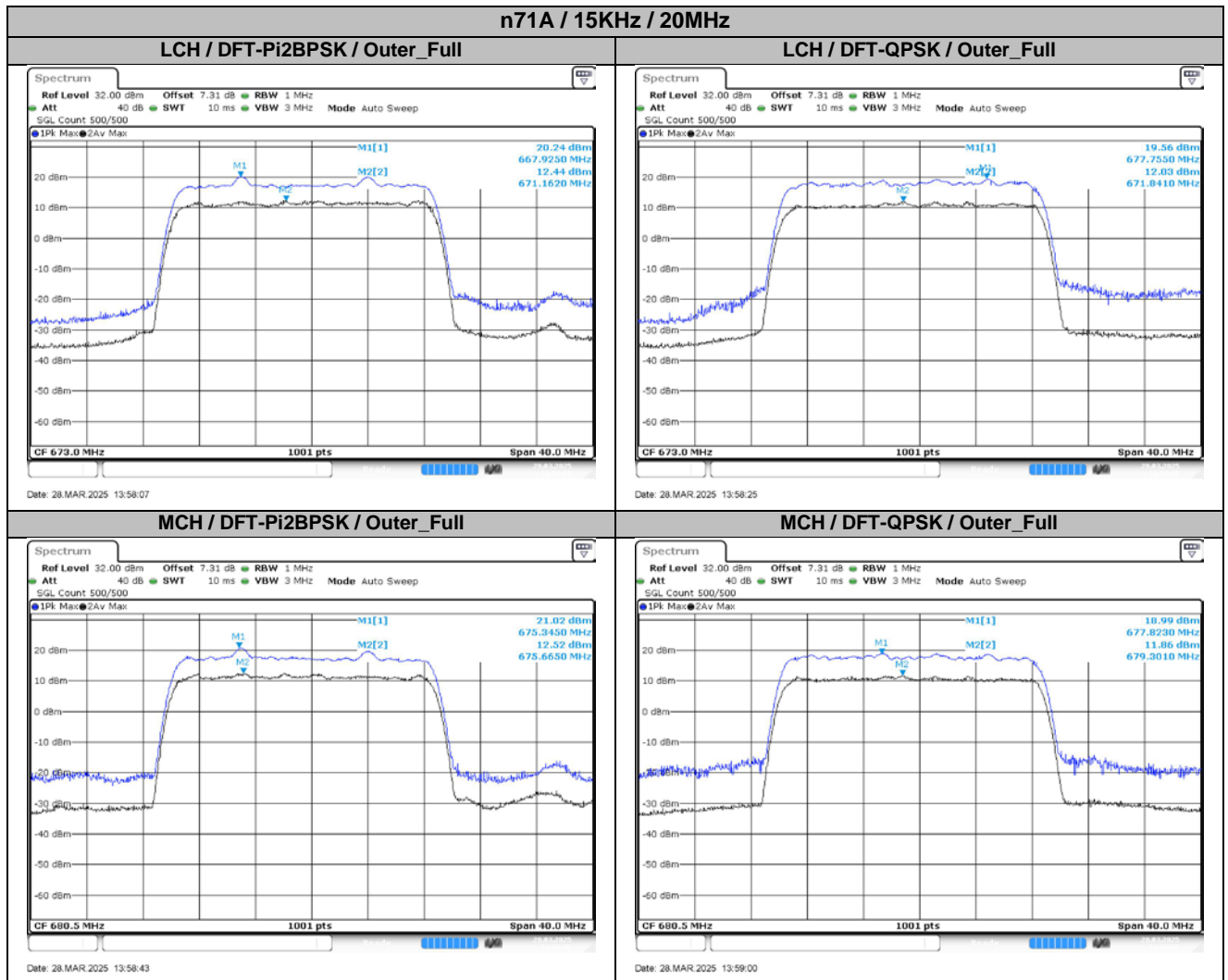
15KHz	20MHz	LCH	CP-QPSK	21.17	21.01	21.21	13.66	34.77	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	22.69	22.66	22.72	15.17	34.77	Pass
15KHz	20MHz	MCH	DFT-QPSK	22.73	22.64	22.68	15.18	34.77	Pass
15KHz	20MHz	MCH	DFT-16QAM	21.74	21.73	21.76	14.21	34.77	Pass
15KHz	20MHz	MCH	DFT-64QAM	20.37	20.37	20.27	12.82	34.77	Pass
15KHz	20MHz	MCH	DFT-256QAM	18.06	18.08	18.25	10.70	34.77	Pass
15KHz	20MHz	MCH	CP-QPSK	21.08	20.98	21.26	13.71	34.77	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	22.49	22.54	22.56	15.01	34.77	Pass
15KHz	20MHz	HCH	DFT-QPSK	22.50	22.47	22.56	15.01	34.77	Pass
15KHz	20MHz	HCH	DFT-16QAM	21.74	21.66	21.63	14.19	34.77	Pass
15KHz	20MHz	HCH	DFT-64QAM	20.32	20.29	20.16	12.77	34.77	Pass
15KHz	20MHz	HCH	DFT-256QAM	18.07	17.98	18.14	10.59	34.77	Pass
15KHz	20MHz	HCH	CP-QPSK	21.01	20.83	21.11	13.56	34.77	Pass

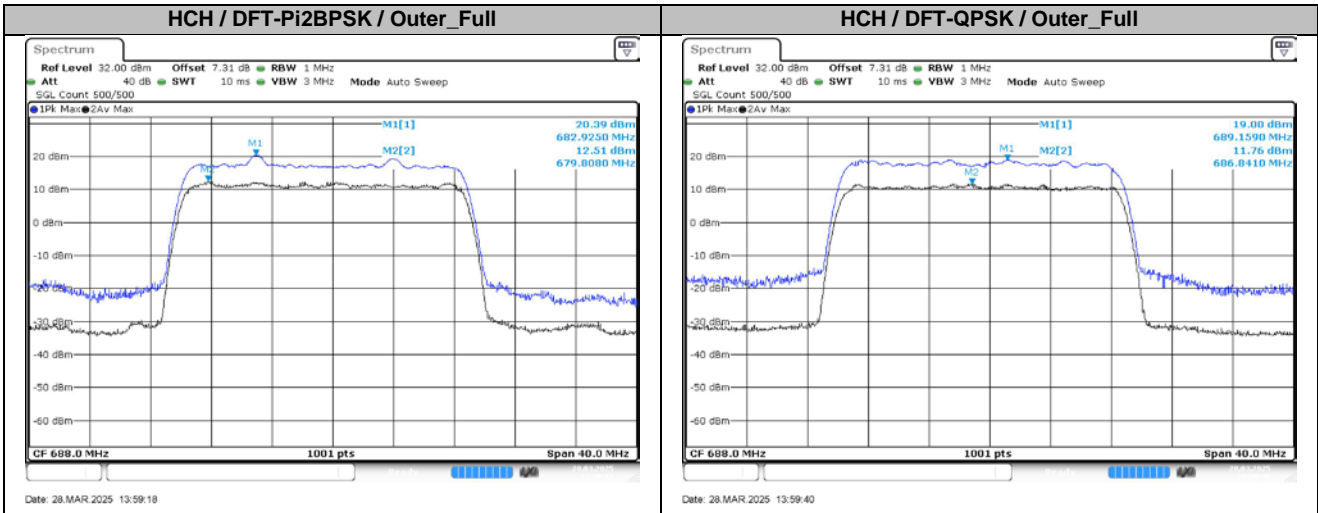
## 2. Peak-to-Average Ratio

### 2.1. Test Results

SCS	Bandwidth	Channel	RB	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	20MHz	LCH	Outer_Full	7.80	7.54	13.00	Pass
15KHz	20MHz	MCH	Outer_Full	8.50	7.13	13.00	Pass
15KHz	20MHz	HCH	Outer_Full	7.87	7.24	13.00	Pass

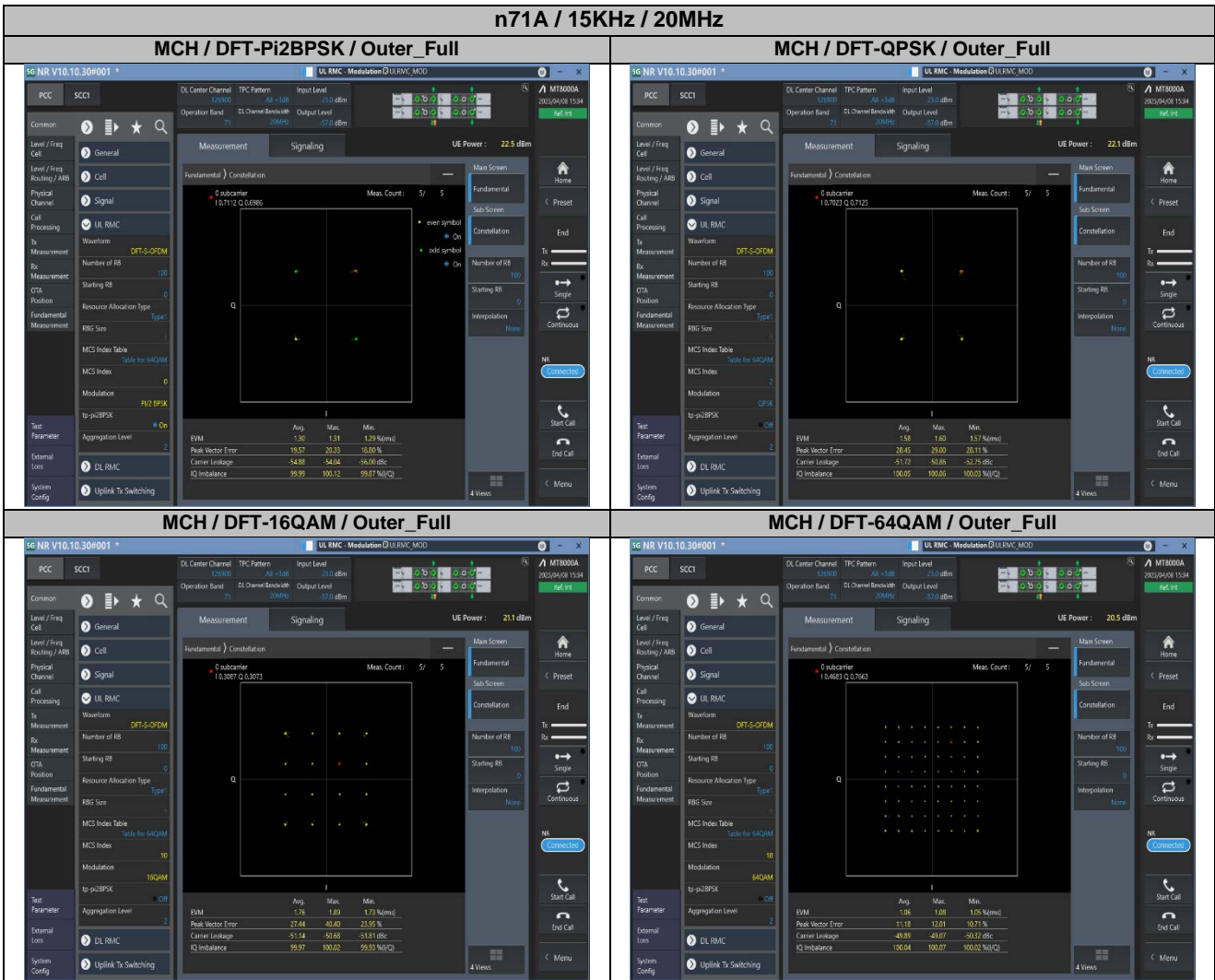
### 2.2. Test Plots for SCS=15KHz

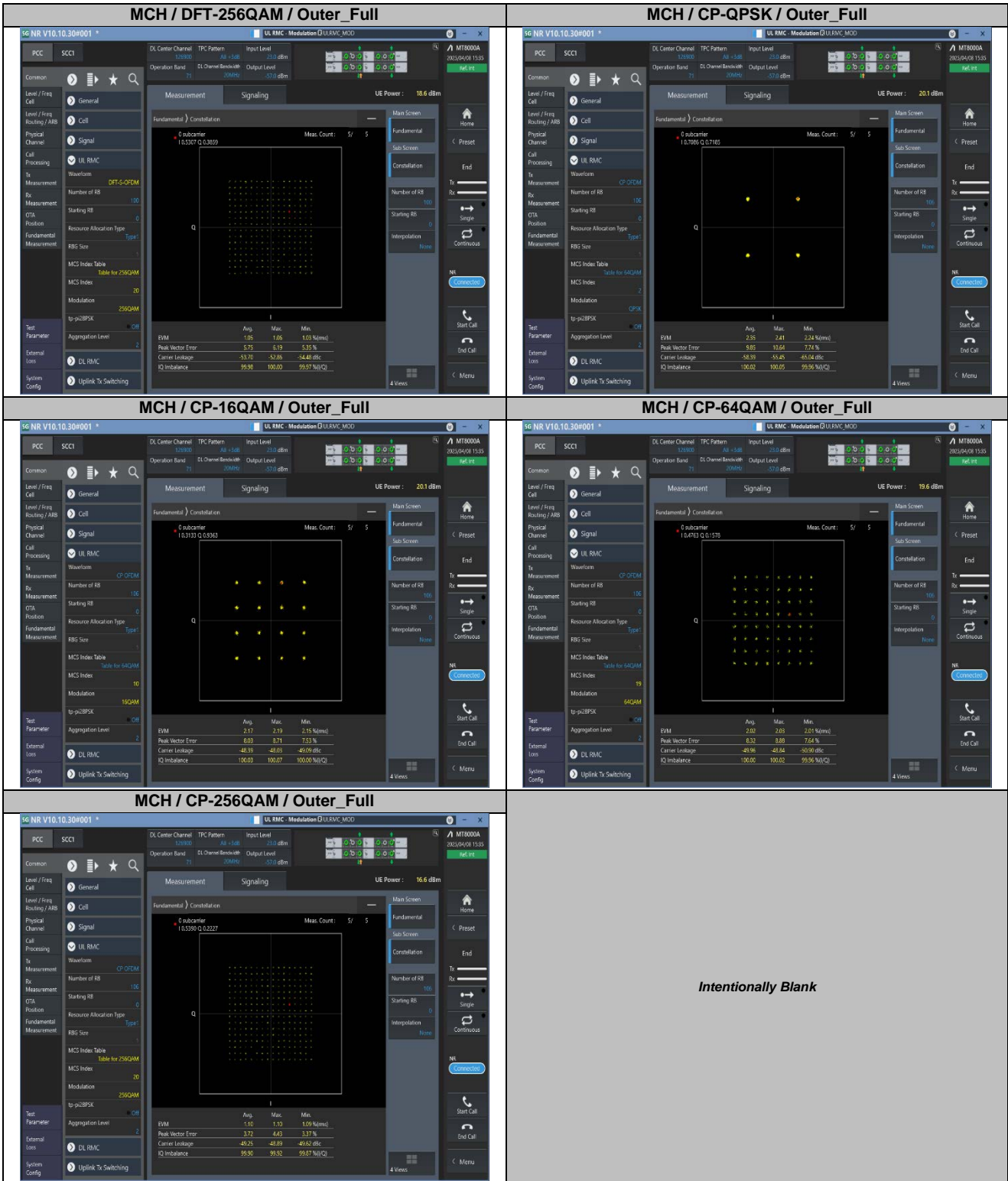




### 3. Modulation Characteristics

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



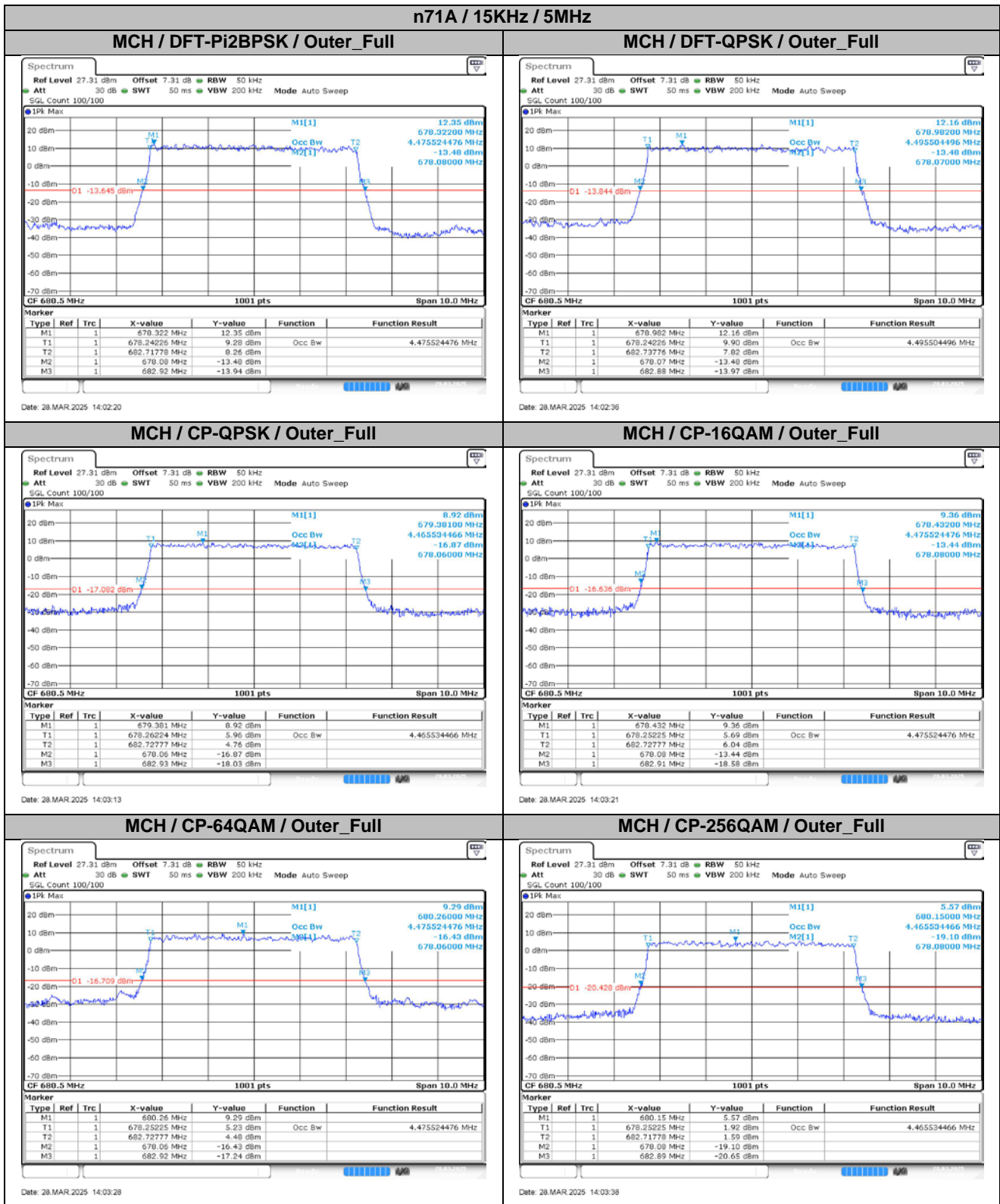


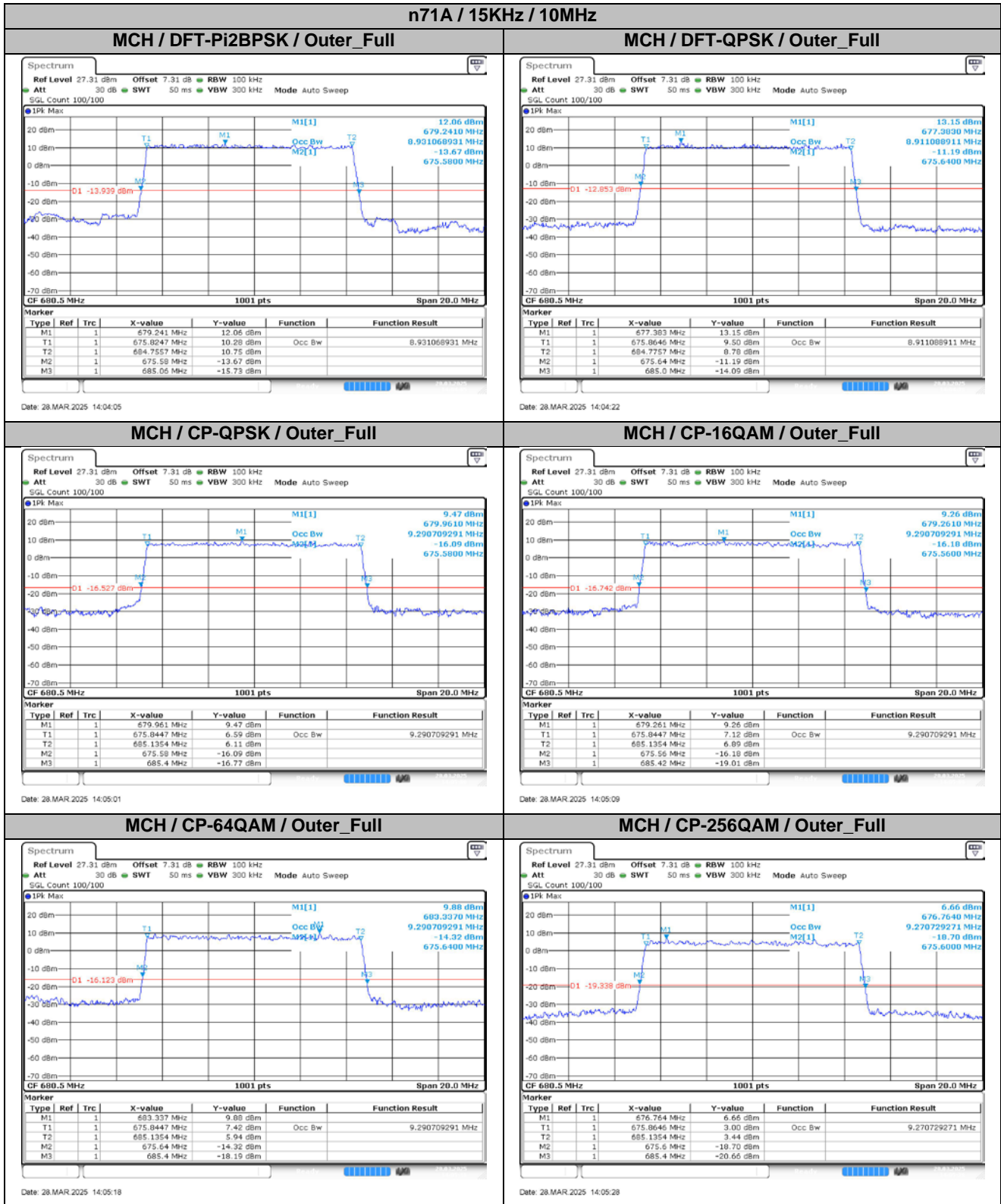
## 4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

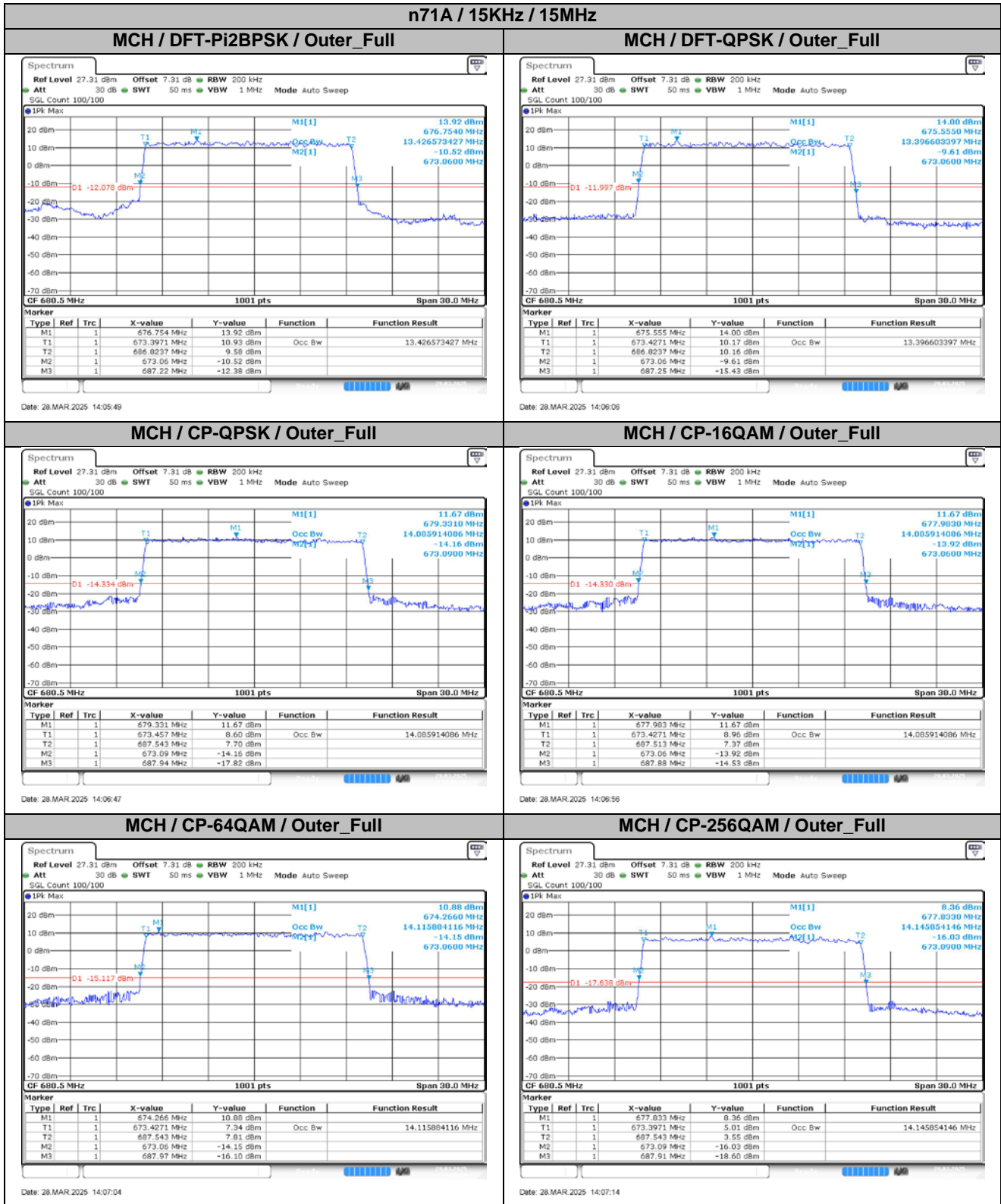
### 4.1. Test Results

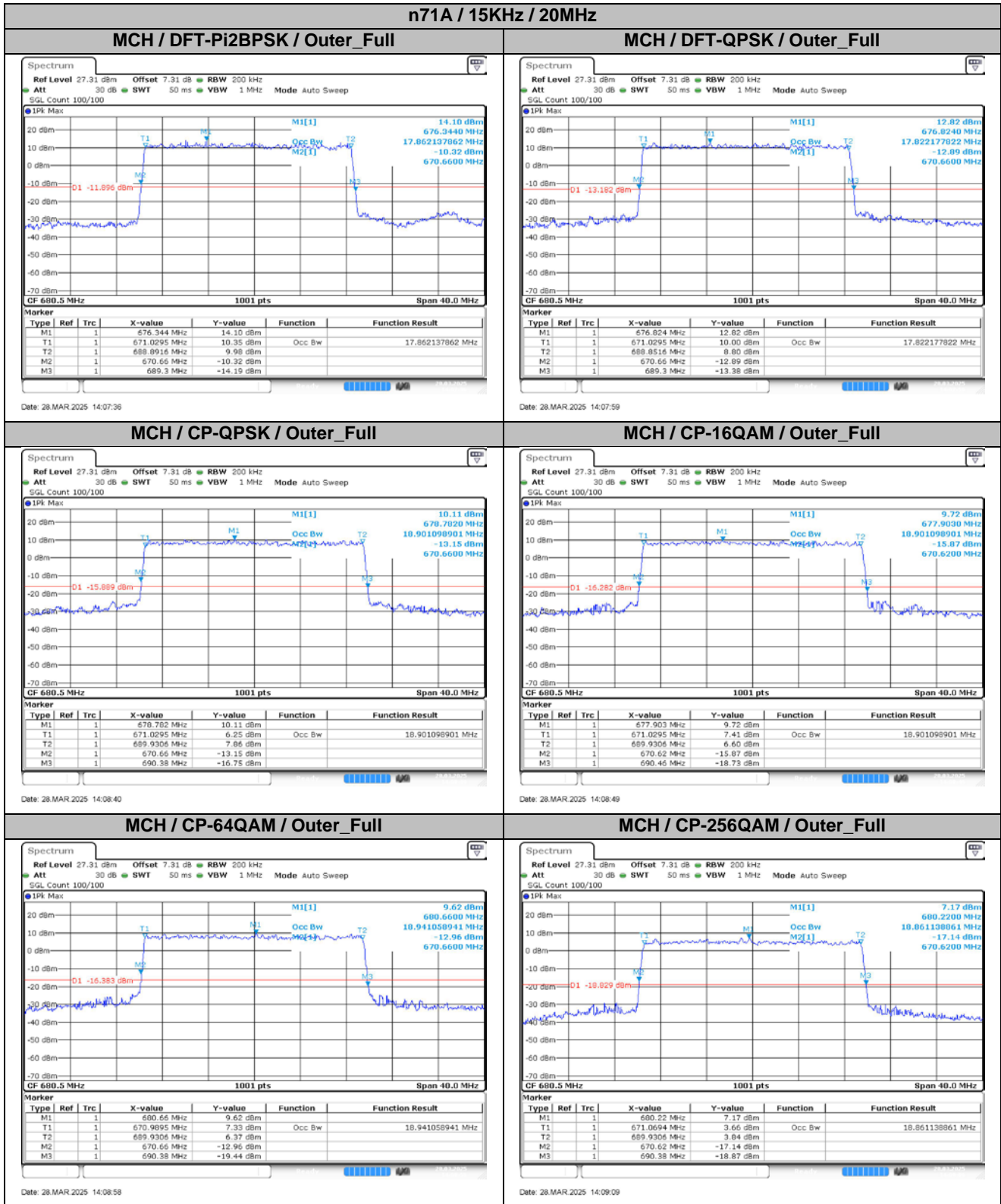
SCS	Bandwidth	Modulation	RB	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.48	4.84	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.50	4.81	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.47	4.87	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.48	4.83	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.48	4.86	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.47	4.81	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.93	9.48	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.91	9.36	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.29	9.82	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.29	9.86	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.29	9.76	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.27	9.80	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.43	14.16	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.40	14.19	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.09	14.85	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.09	14.82	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.12	14.91	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.15	14.82	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.86	18.64	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.82	18.64	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.90	19.72	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.90	19.84	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.94	19.72	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.86	19.76	Pass

4.2. Test Plots for SCS=15KHz









### 5. Conducted Band Edges

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

