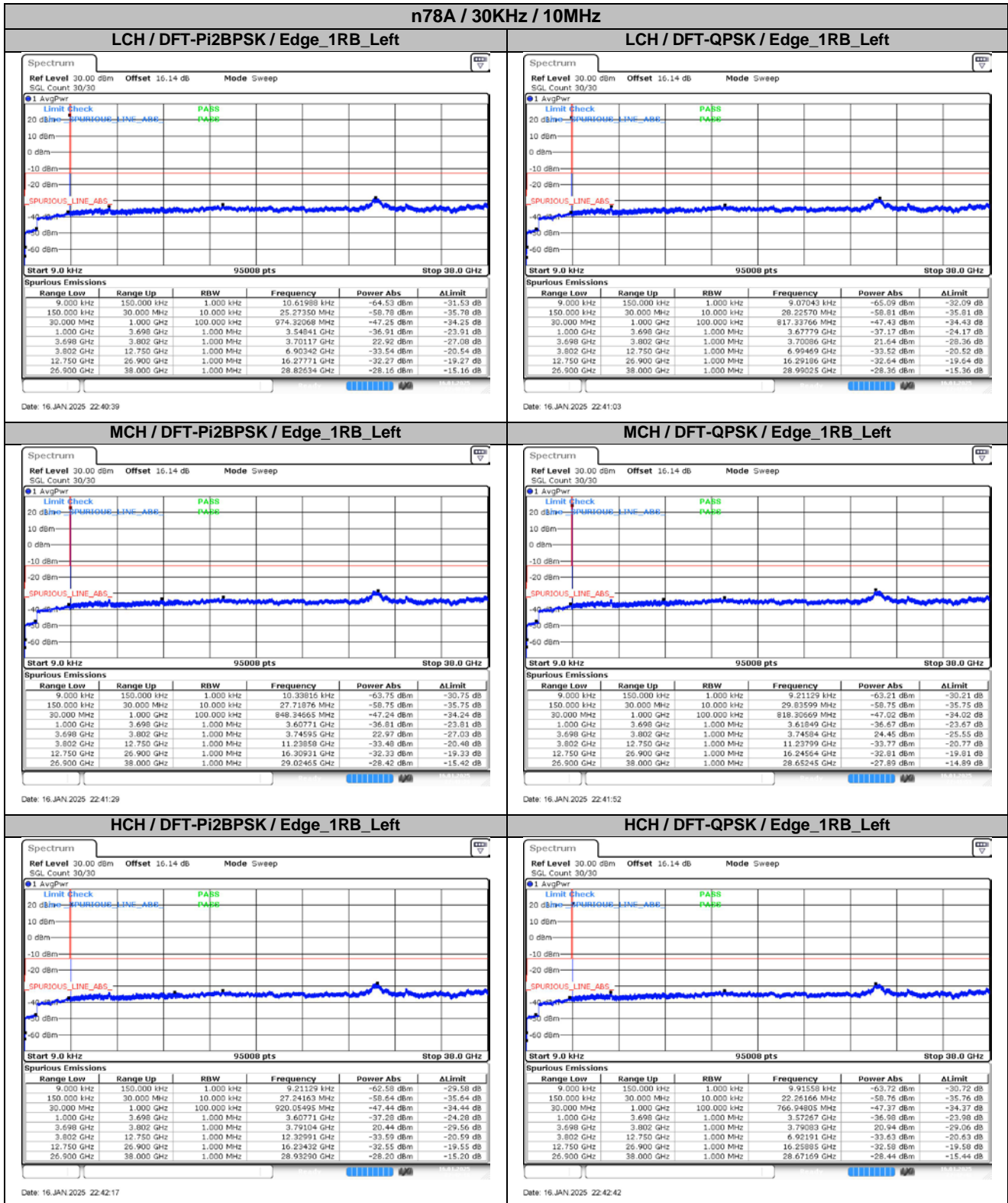
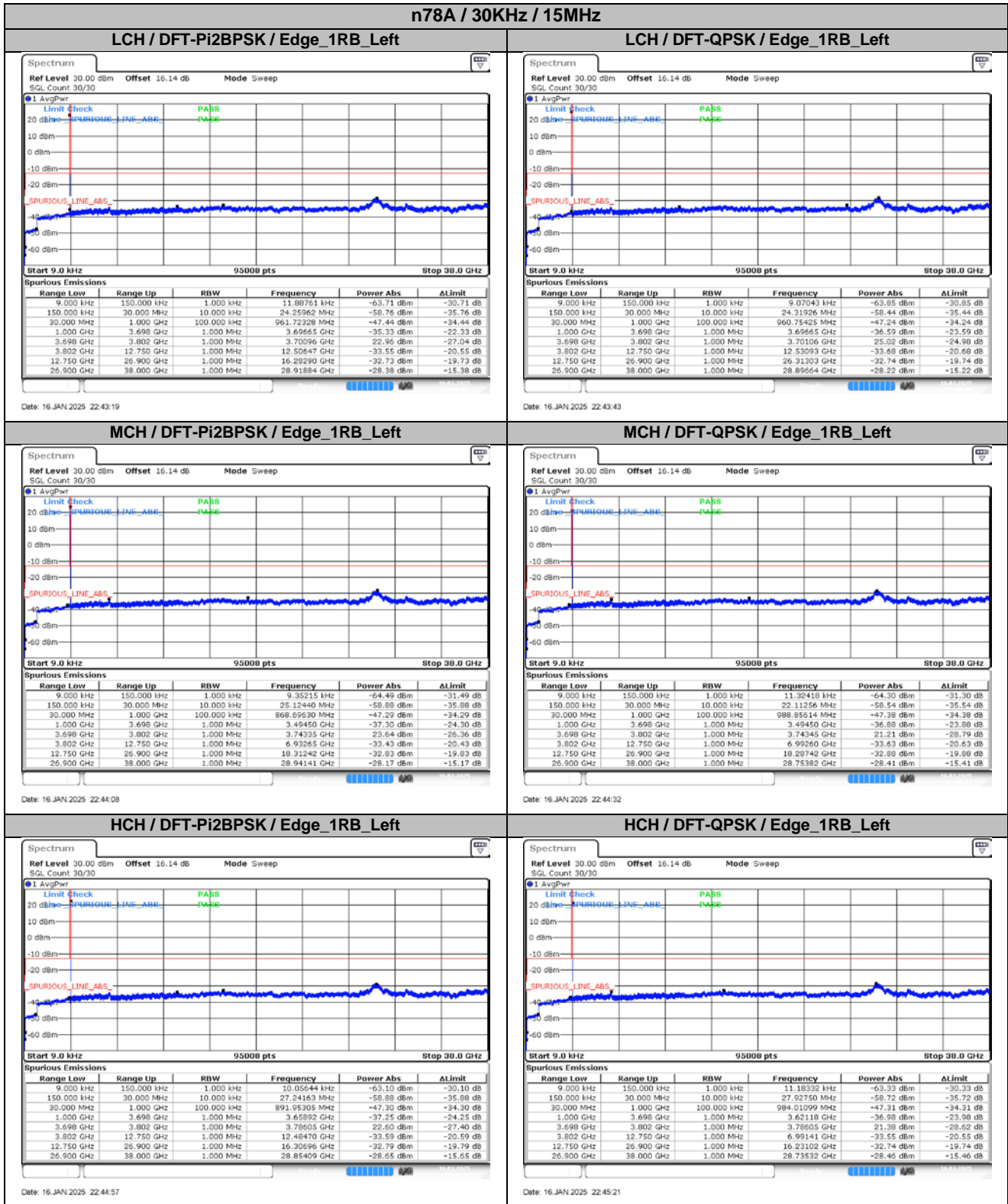
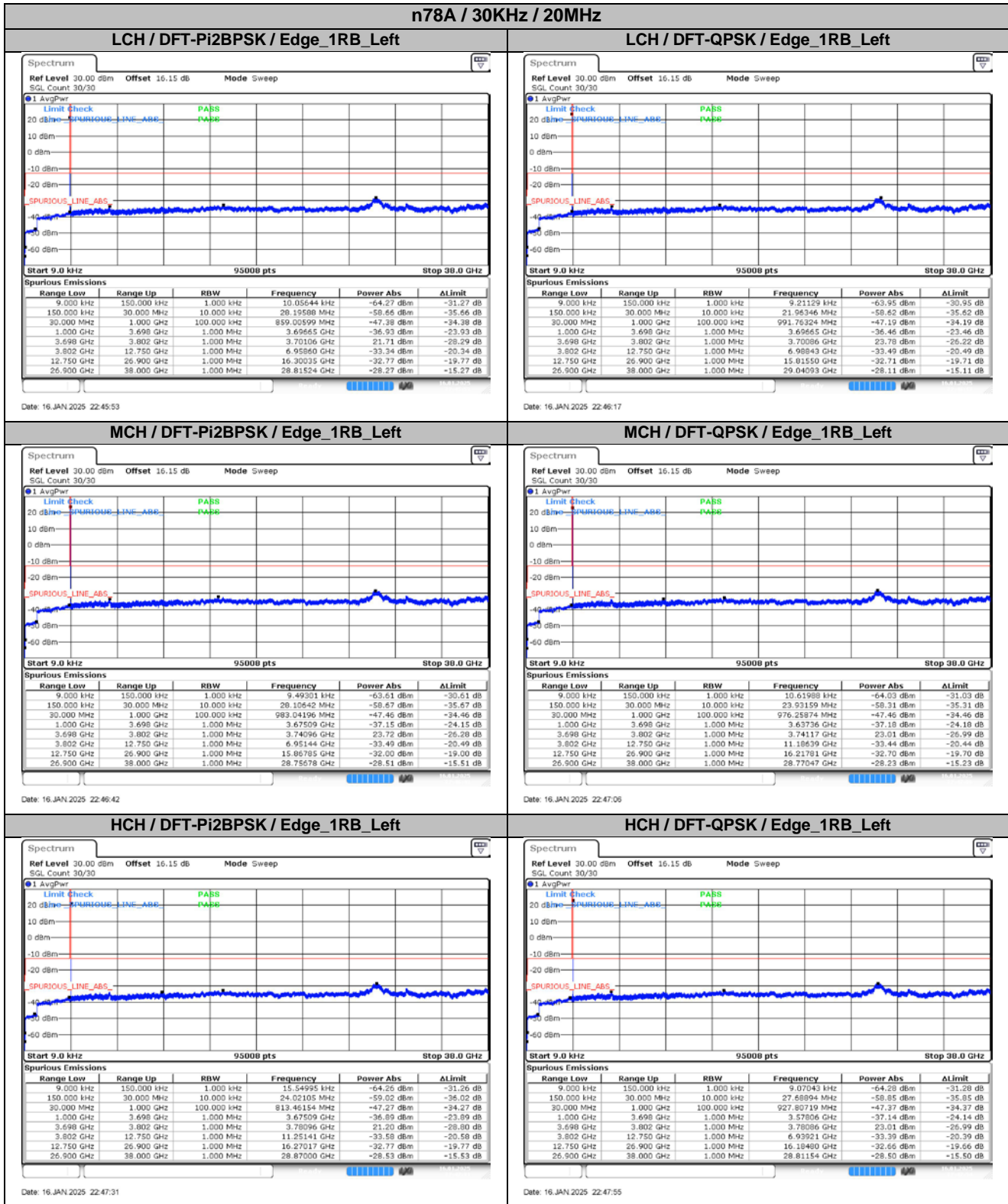


## 6. Conducted Spurious Emission

### 6.1. Test Plots for SCS=30KHz

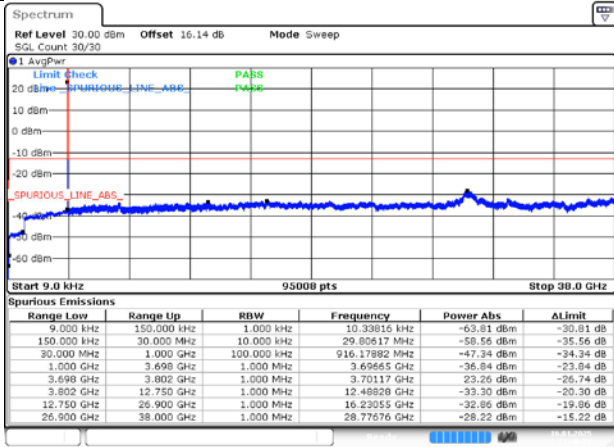






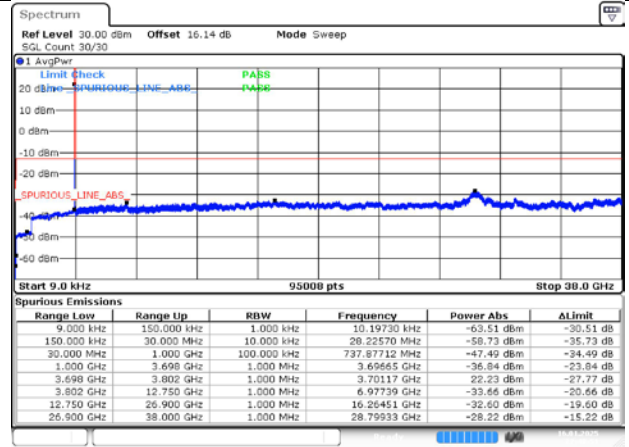
n78A / 30kHz / 25MHz

LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



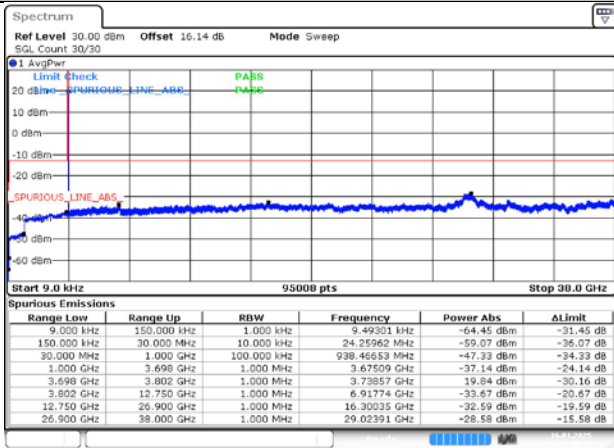
Date: 16, JAN 2025 22:48:27

LCH / DFT-QPSK / Edge\_1RB\_Left



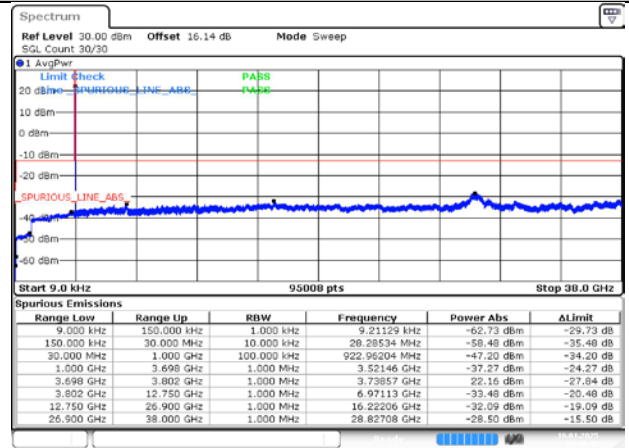
Date: 16, JAN 2025 22:48:51

MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



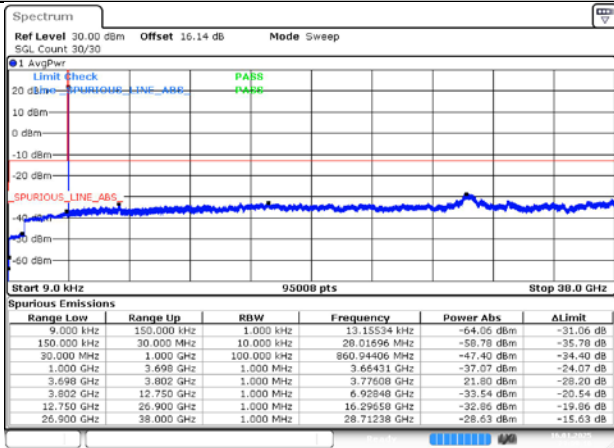
Date: 16, JAN 2025 22:49:16

MCH / DFT-QPSK / Edge\_1RB\_Left



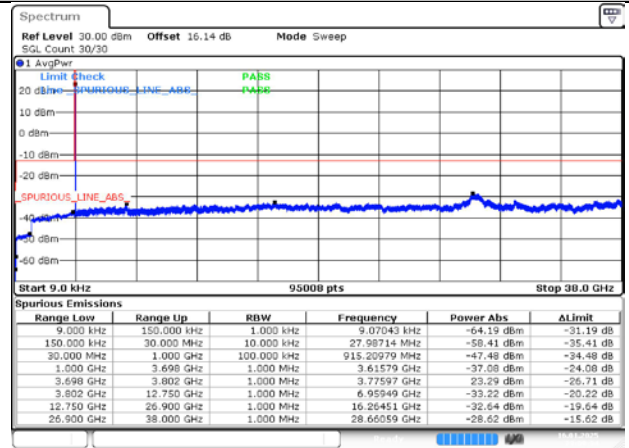
Date: 16, JAN 2025 23:08:45

HCH / DFT-Pi2BPSK / Edge\_1RB\_Left

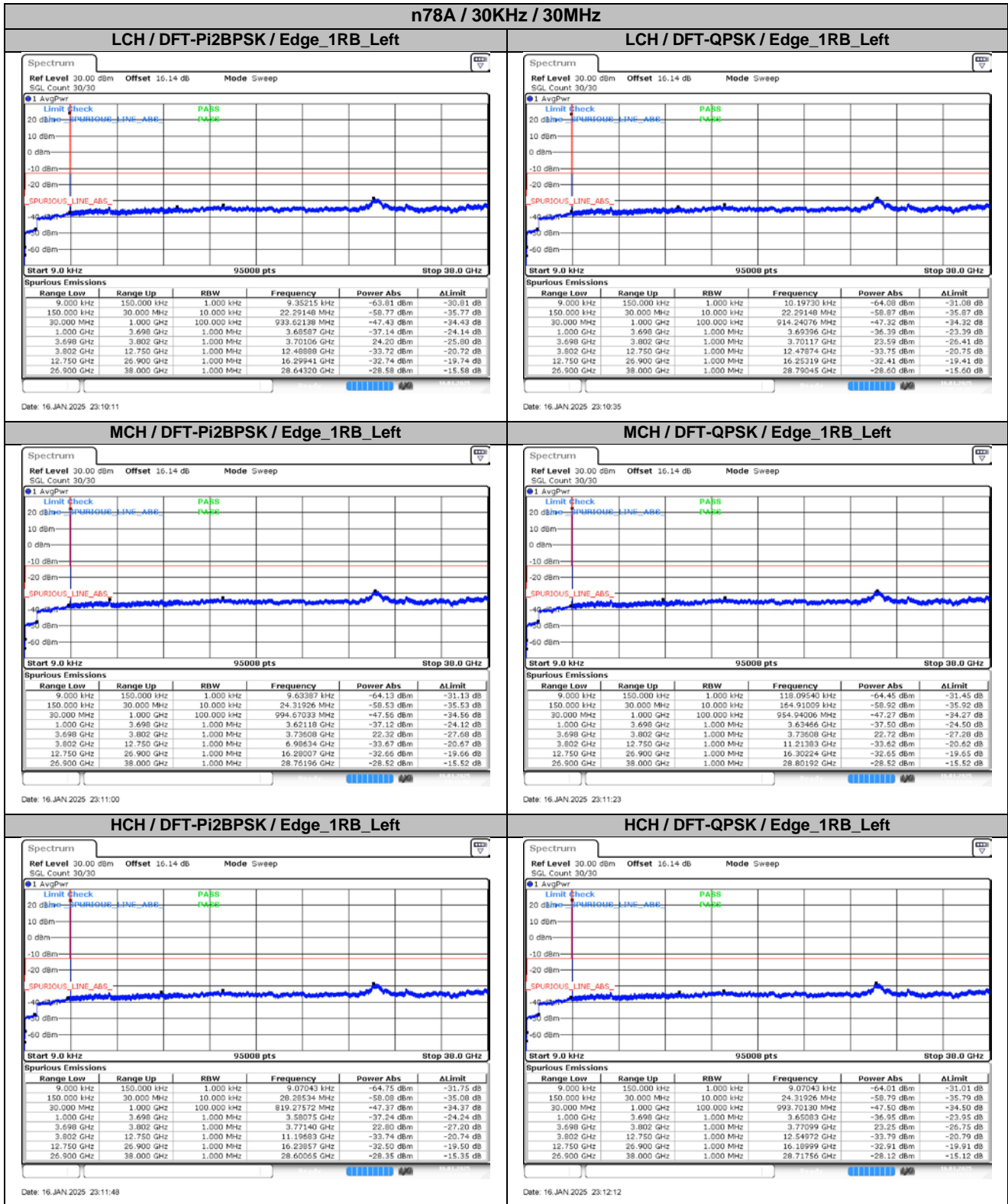


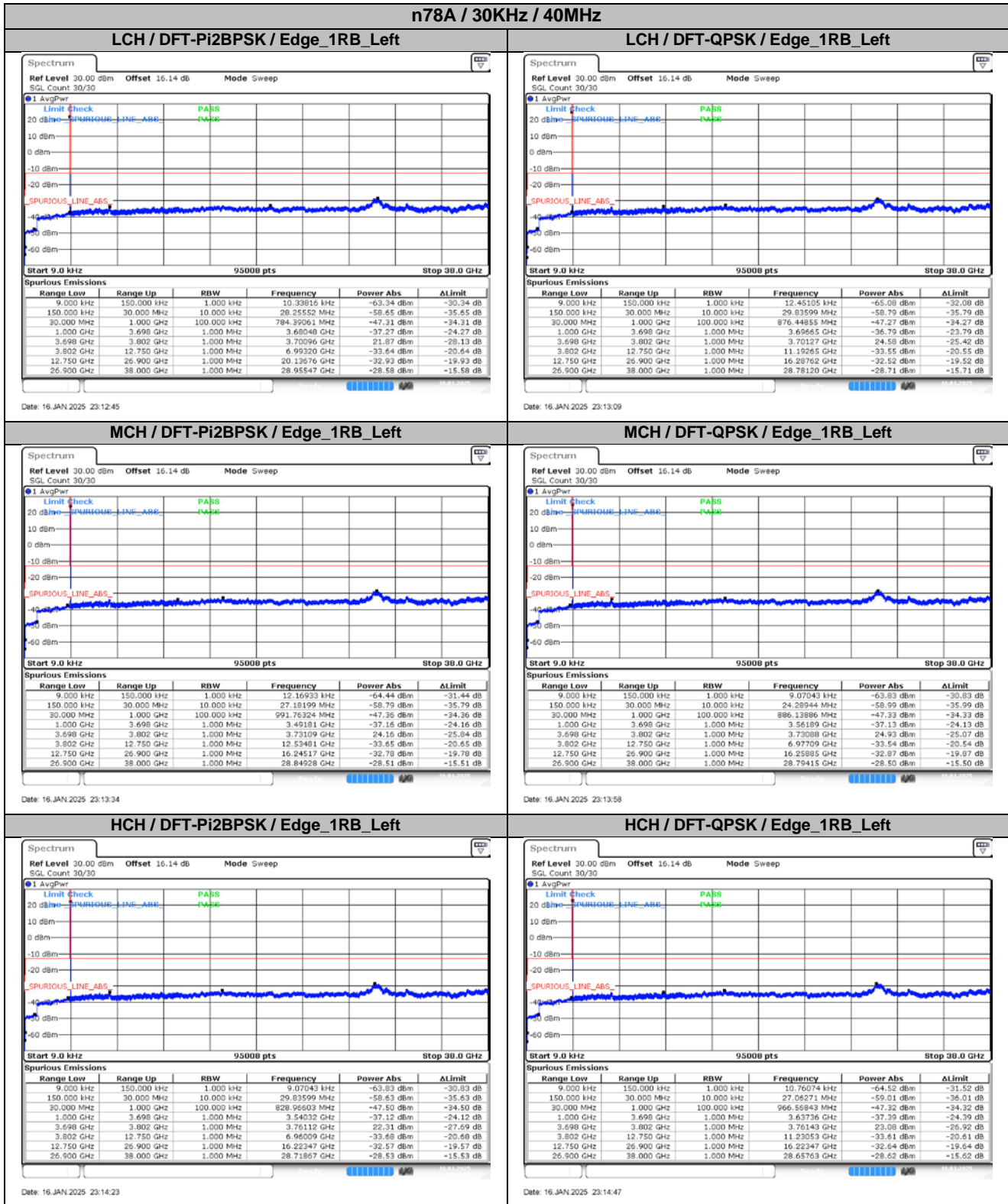
Date: 16, JAN 2025 23:09:10

HCH / DFT-QPSK / Edge\_1RB\_Left



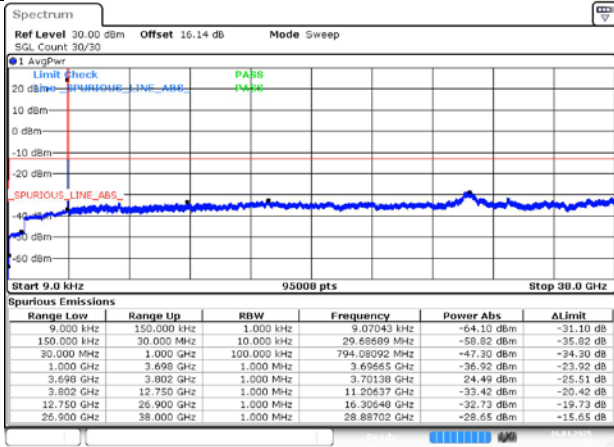
Date: 16, JAN 2025 23:09:34





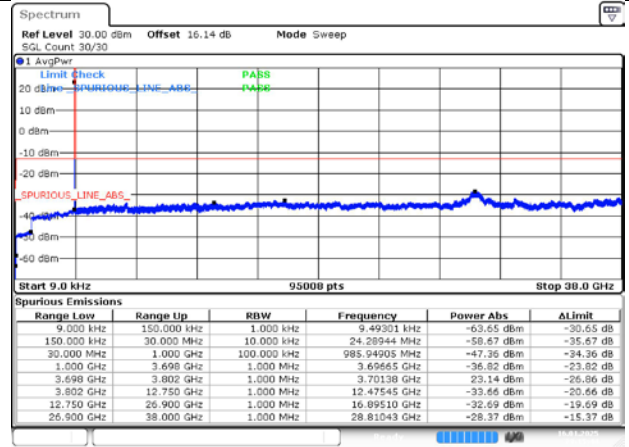
n78A / 30kHz / 50MHz

LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



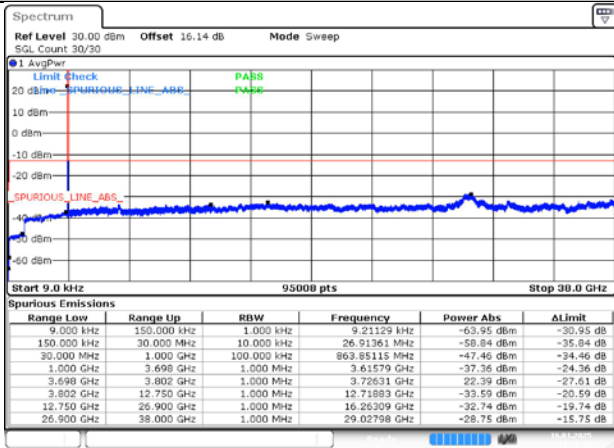
Date: 16, JAN 2025 23:15:20

LCH / DFT-QPSK / Edge\_1RB\_Left



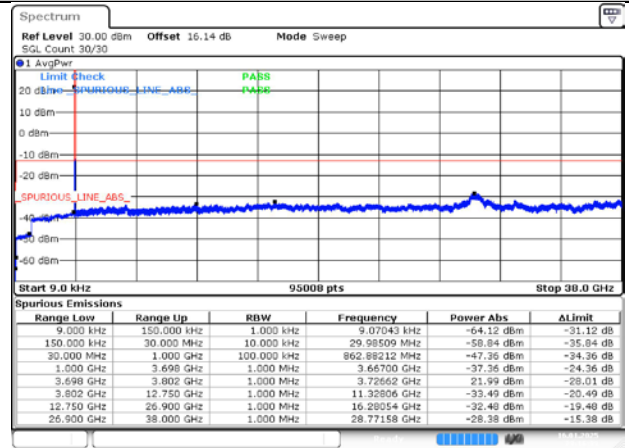
Date: 16, JAN 2025 23:15:44

MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



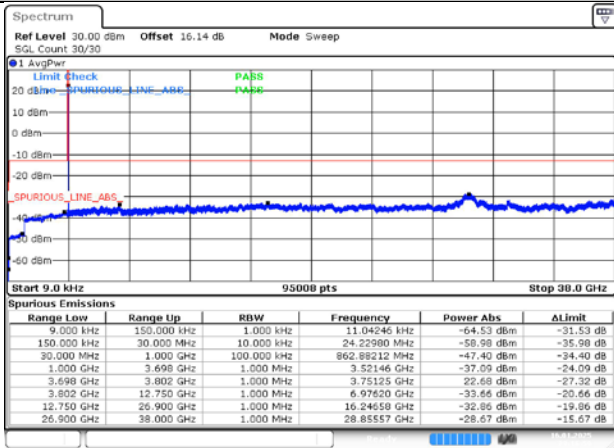
Date: 16, JAN 2025 23:16:09

MCH / DFT-QPSK / Edge\_1RB\_Left



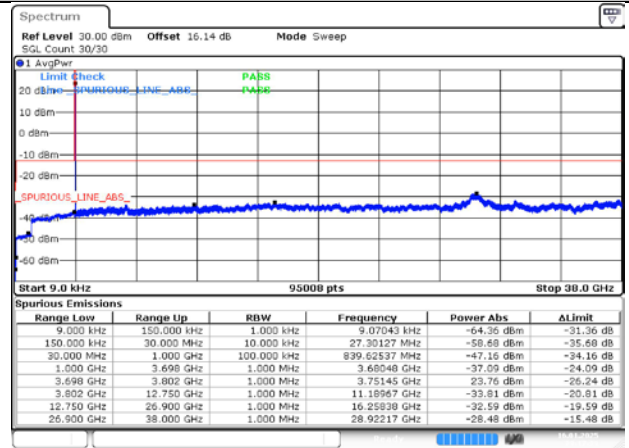
Date: 16, JAN 2025 23:16:33

HCH / DFT-Pi2BPSK / Edge\_1RB\_Left

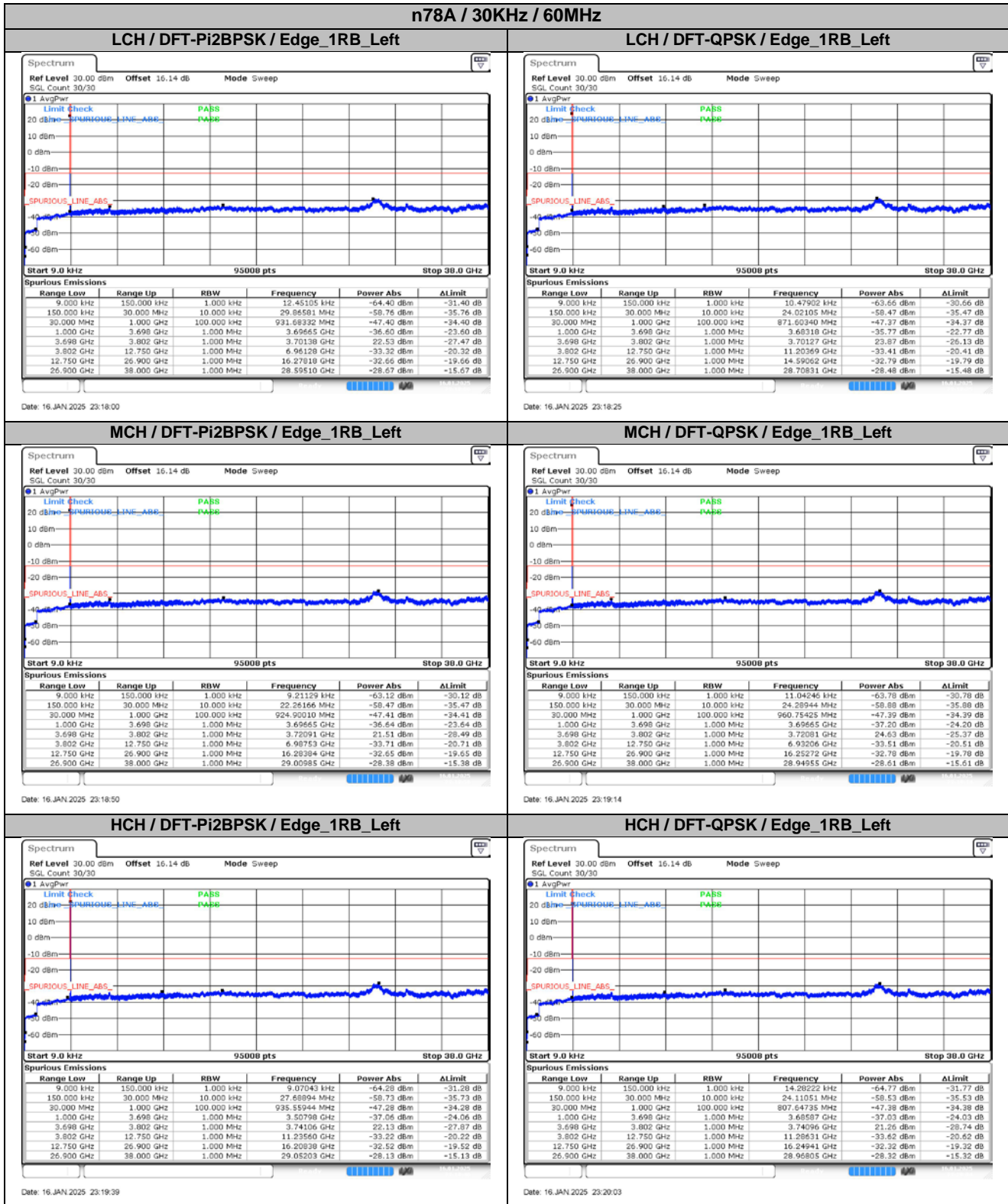


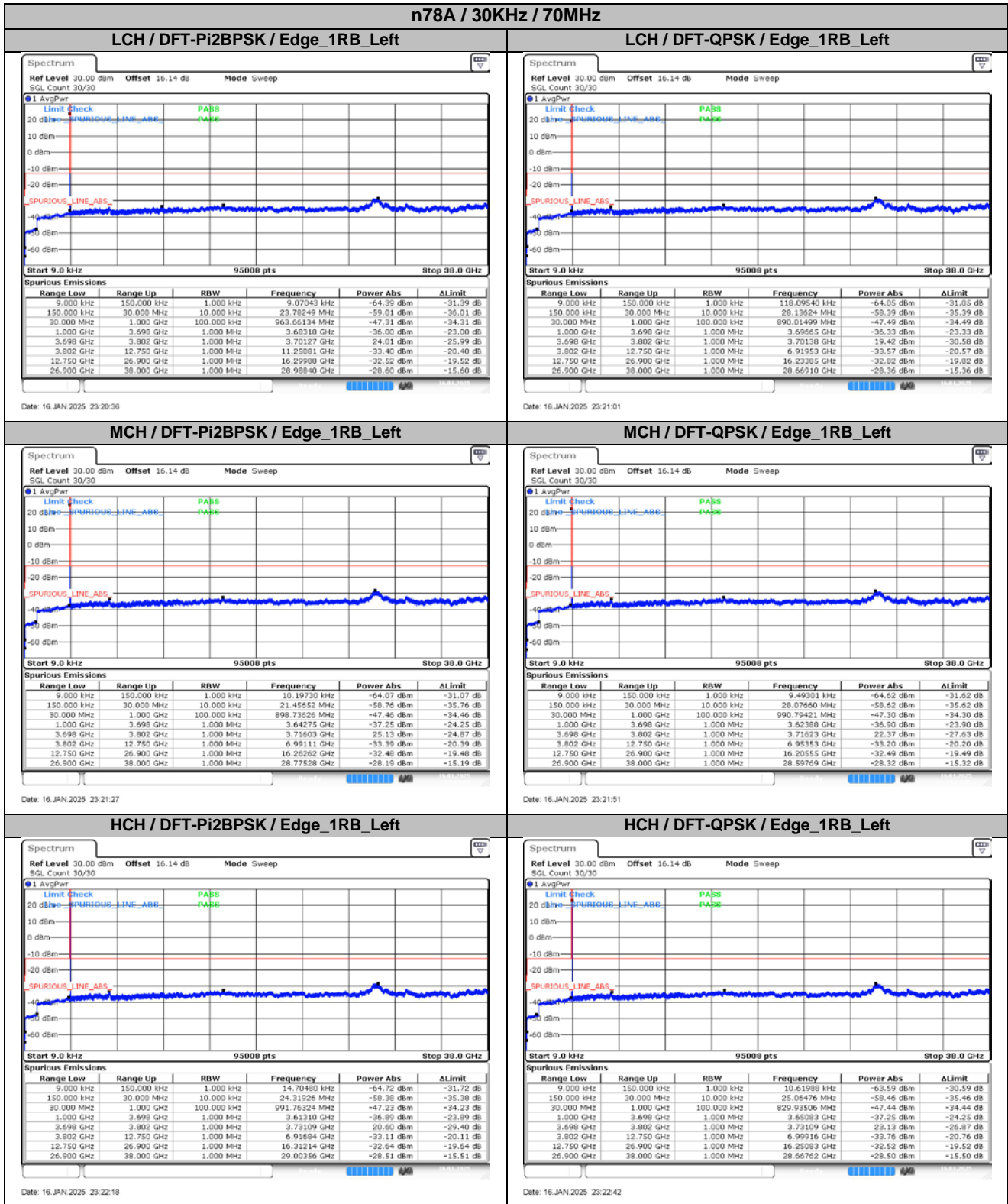
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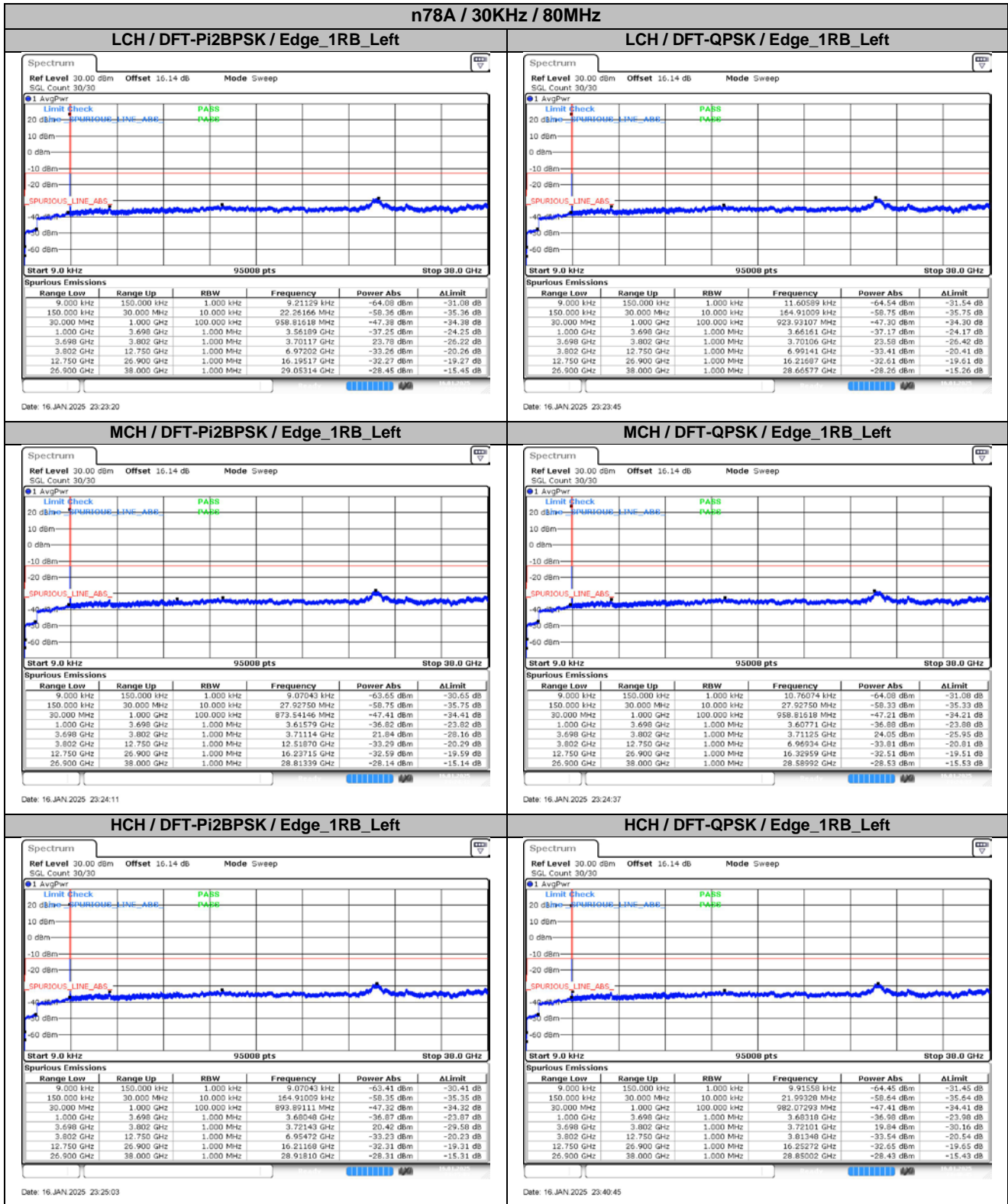
HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 16, JAN 2025 23:17:23

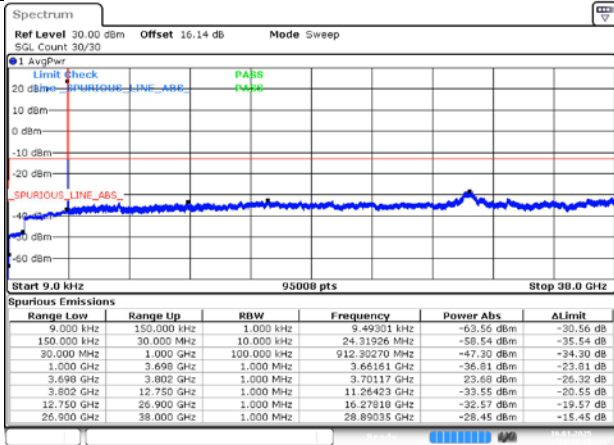






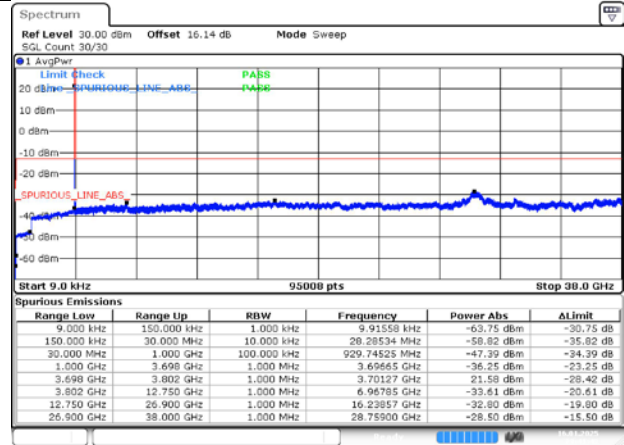
n78A / 30kHz / 90MHz

LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



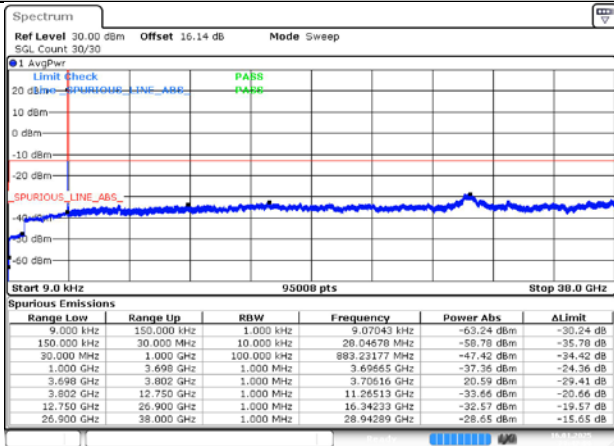
Date: 16, JAN 2025 23:41:17

LCH / DFT-QPSK / Edge\_1RB\_Left



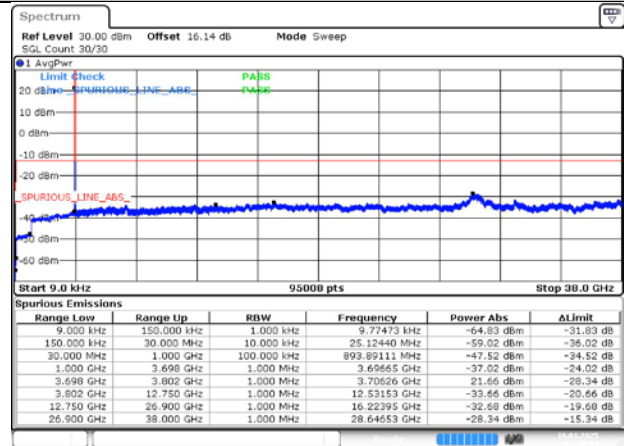
Date: 16, JAN 2025 23:41:42

MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



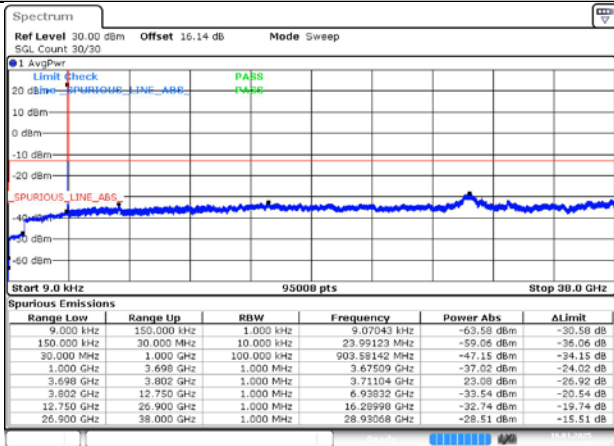
Date: 16, JAN 2025 23:42:08

MCH / DFT-QPSK / Edge\_1RB\_Left



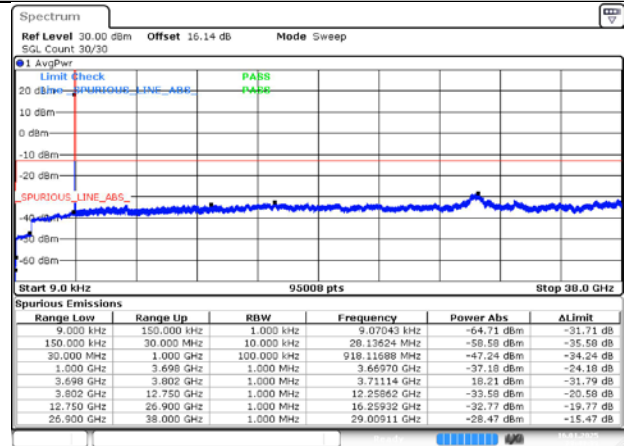
Date: 16, JAN 2025 23:42:33

HCH / DFT-Pi2BPSK / Edge\_1RB\_Left

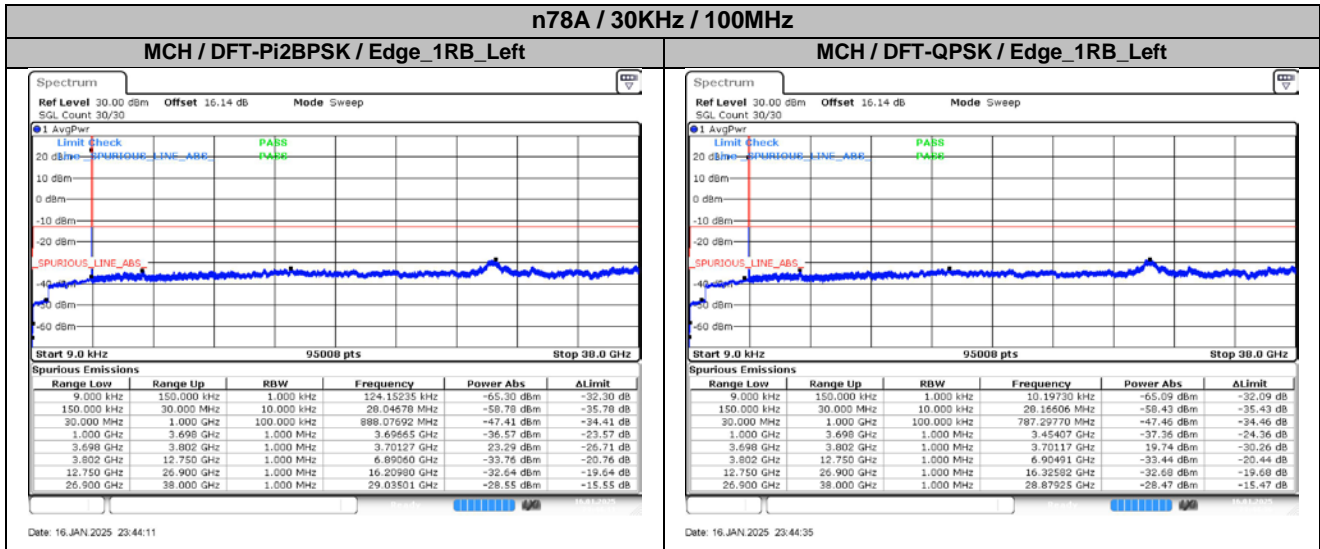


Date: 16, JAN 2025 23:43:08

HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 16, JAN 2025 23:43:33



## 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	-9.00	-0.002400	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-8.20	-0.002187	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-5.70	-0.001520	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	-8.40	-0.002240	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-5.60	-0.001493	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-9.40	-0.002507	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-10.50	-0.002800	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-13.50	-0.003600	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-6.10	-0.001627	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-7.90	-0.002107	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-11.20	-0.002987	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-9.80	-0.002613	Pass

The End