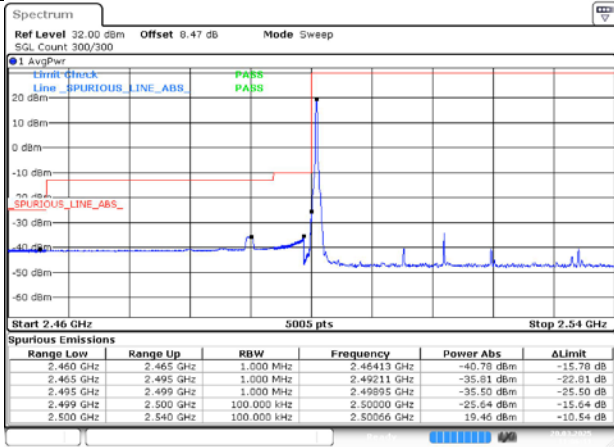


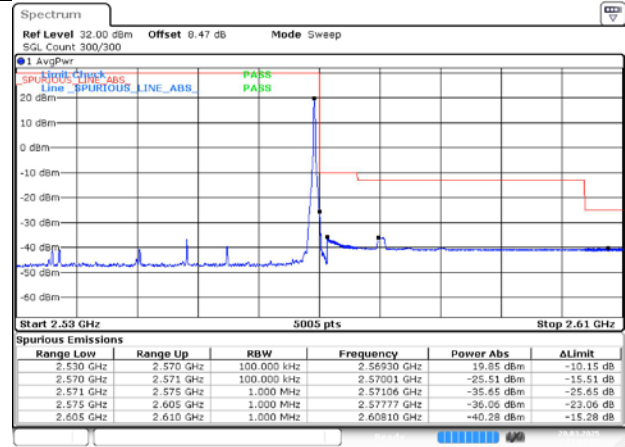
n7A / 15KHz / 35MHz

LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



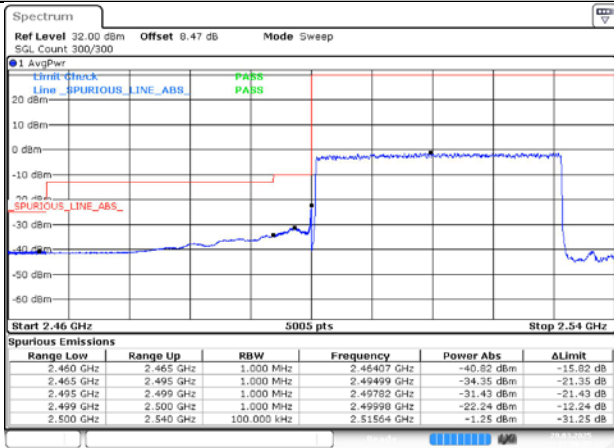
Date: 20.MAR.2025 11:06:11

HCH / DFT-Pi2BPSK / Edge\_1RB\_Right



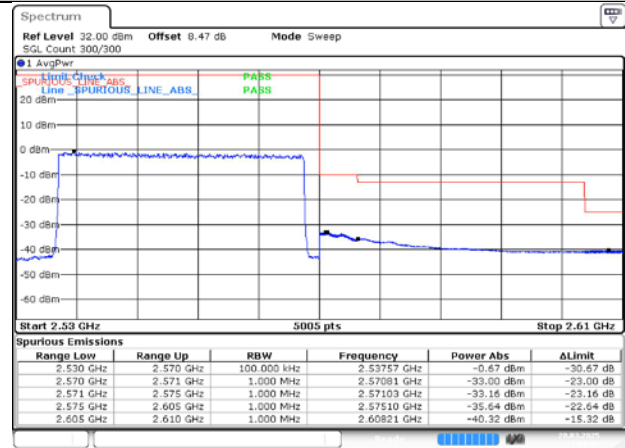
Date: 20.MAR.2025 11:07:37

LCH / DFT-Pi2BPSK / Outer\_Full



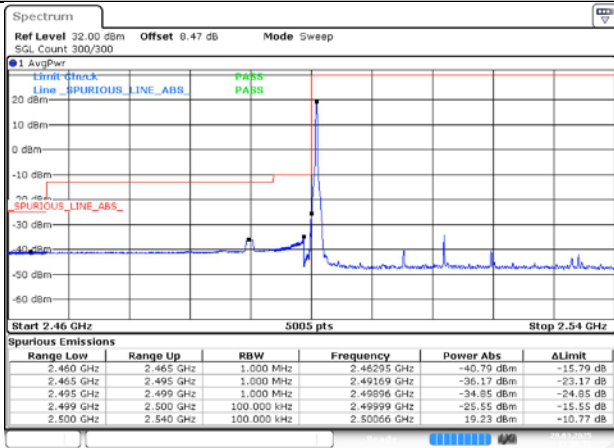
Date: 20.MAR.2025 11:06:25

HCH / DFT-Pi2BPSK / Outer\_Full



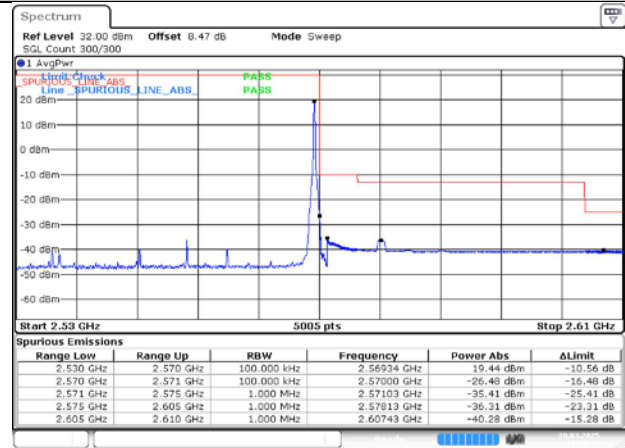
Date: 20.MAR.2025 11:07:50

LCH / DFT-QPSK / Edge\_1RB\_Left

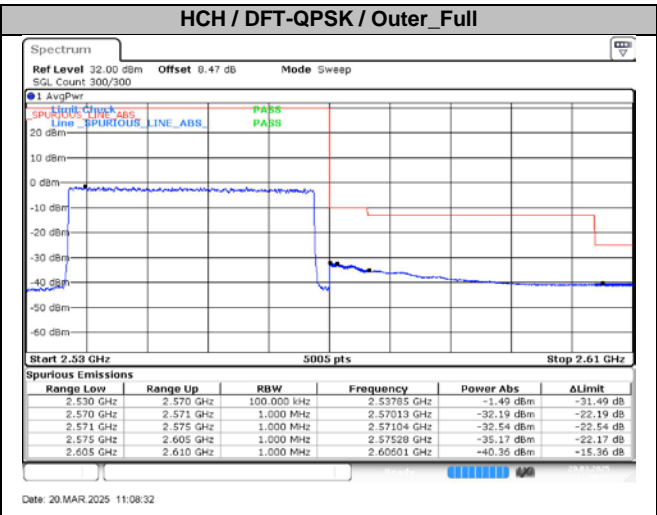
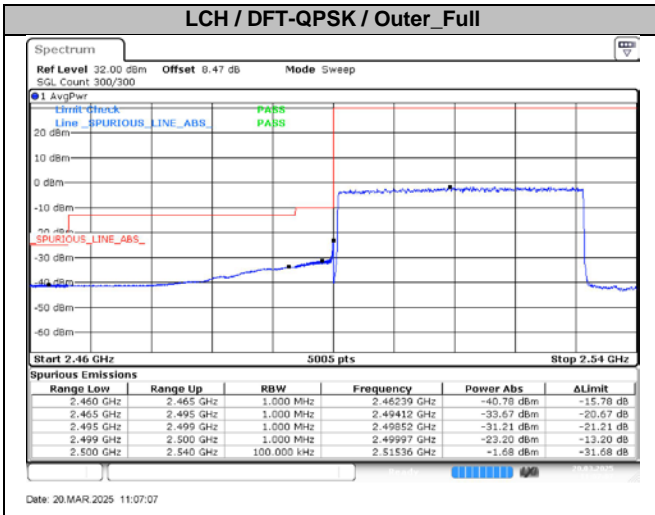


Date: 20.MAR.2025 11:06:53

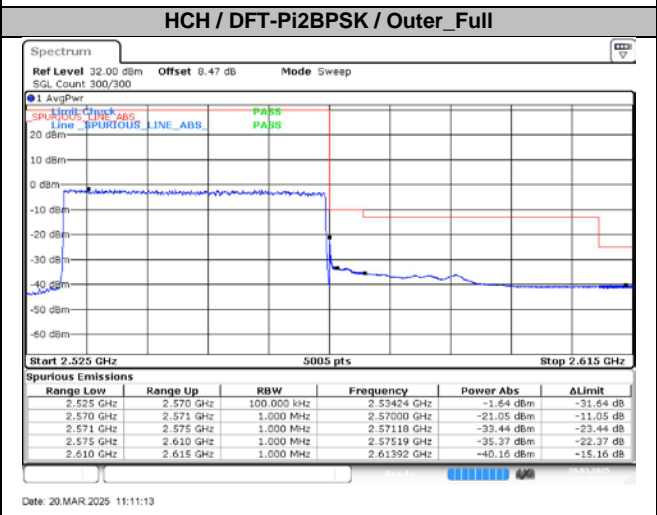
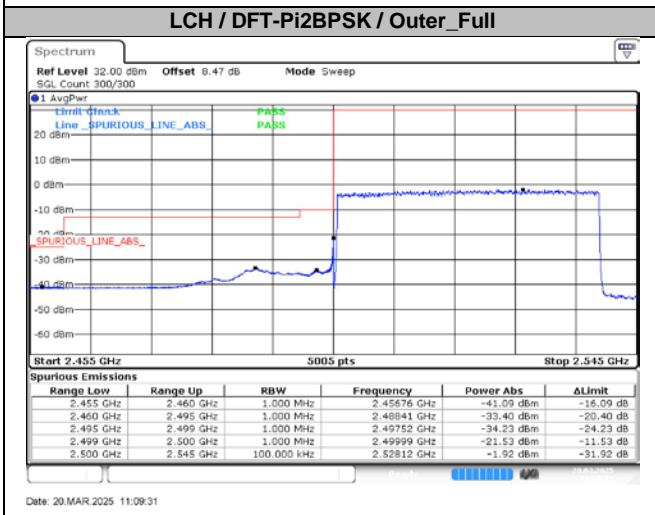
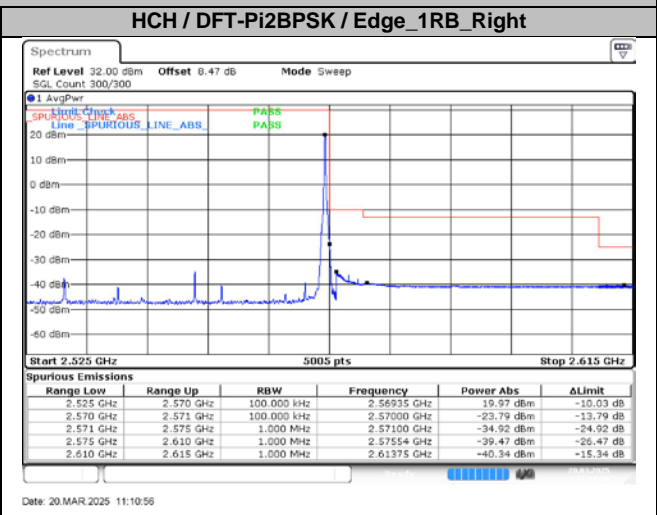
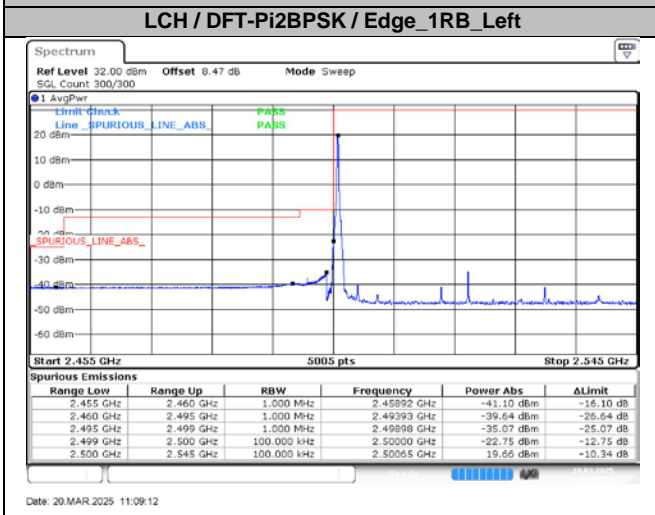
HCH / DFT-QPSK / Edge\_1RB\_Right

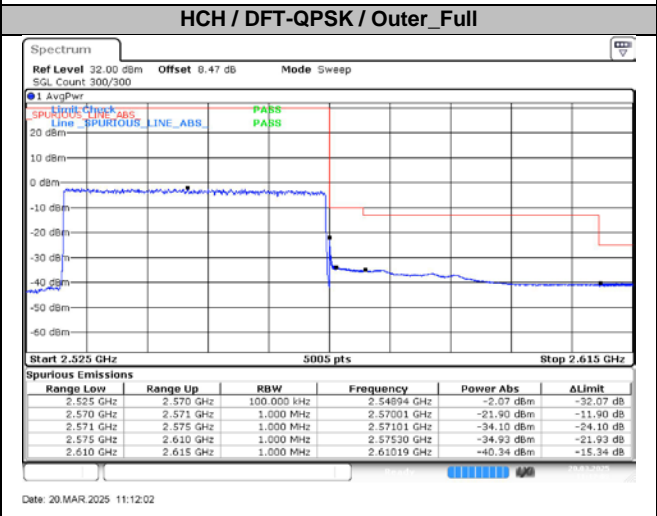
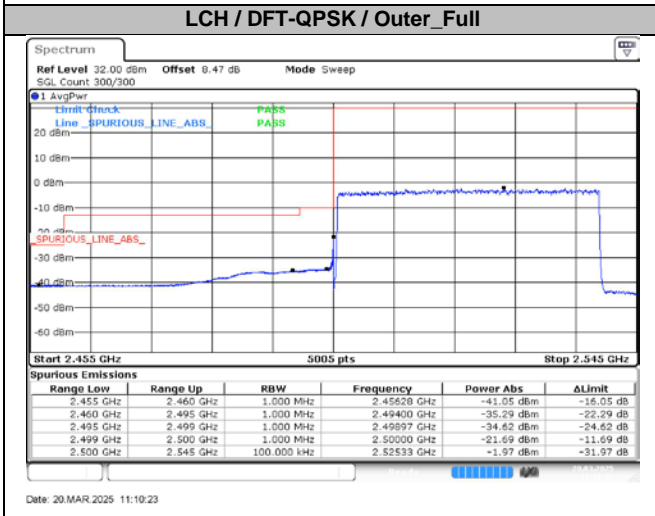
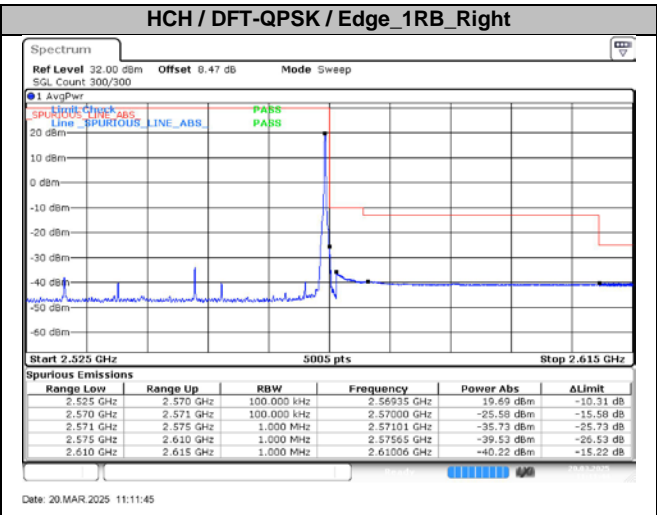
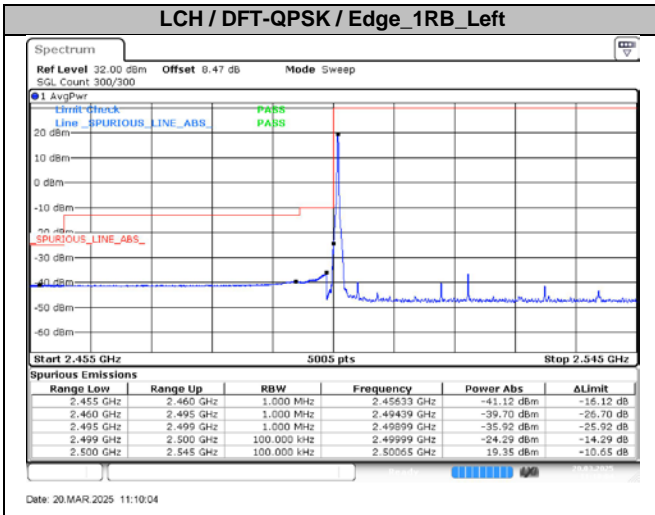


Date: 20.MAR.2025 11:08:18

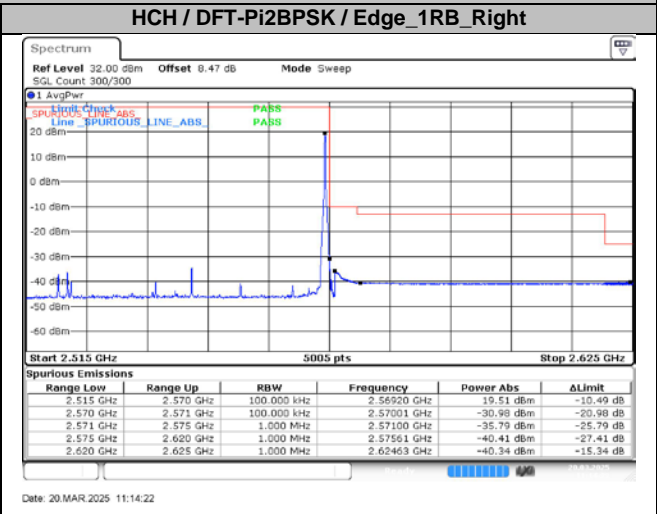
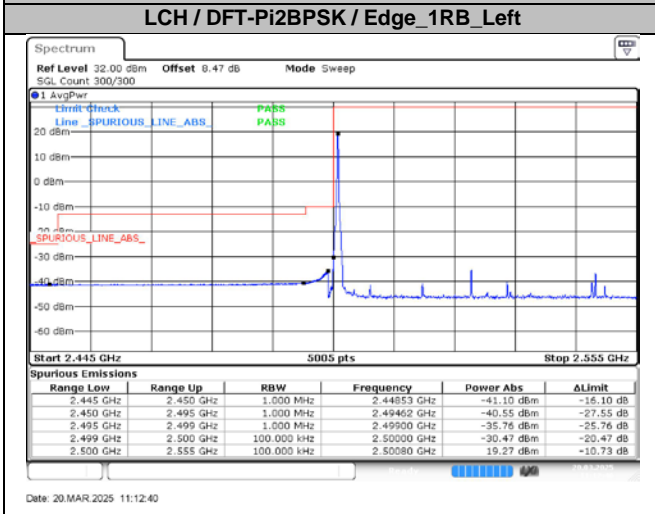


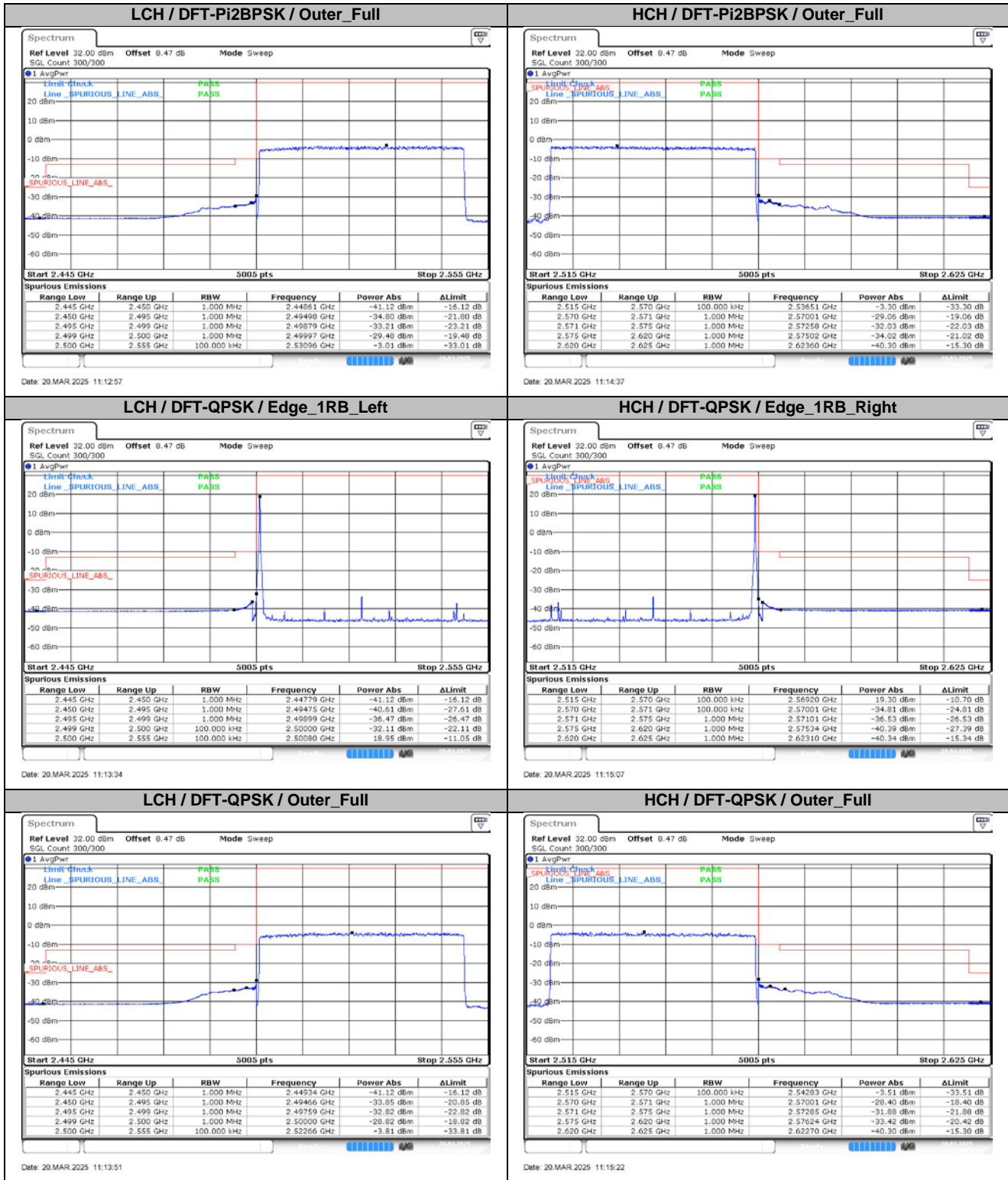
## n7A / 15KHz / 40MHz





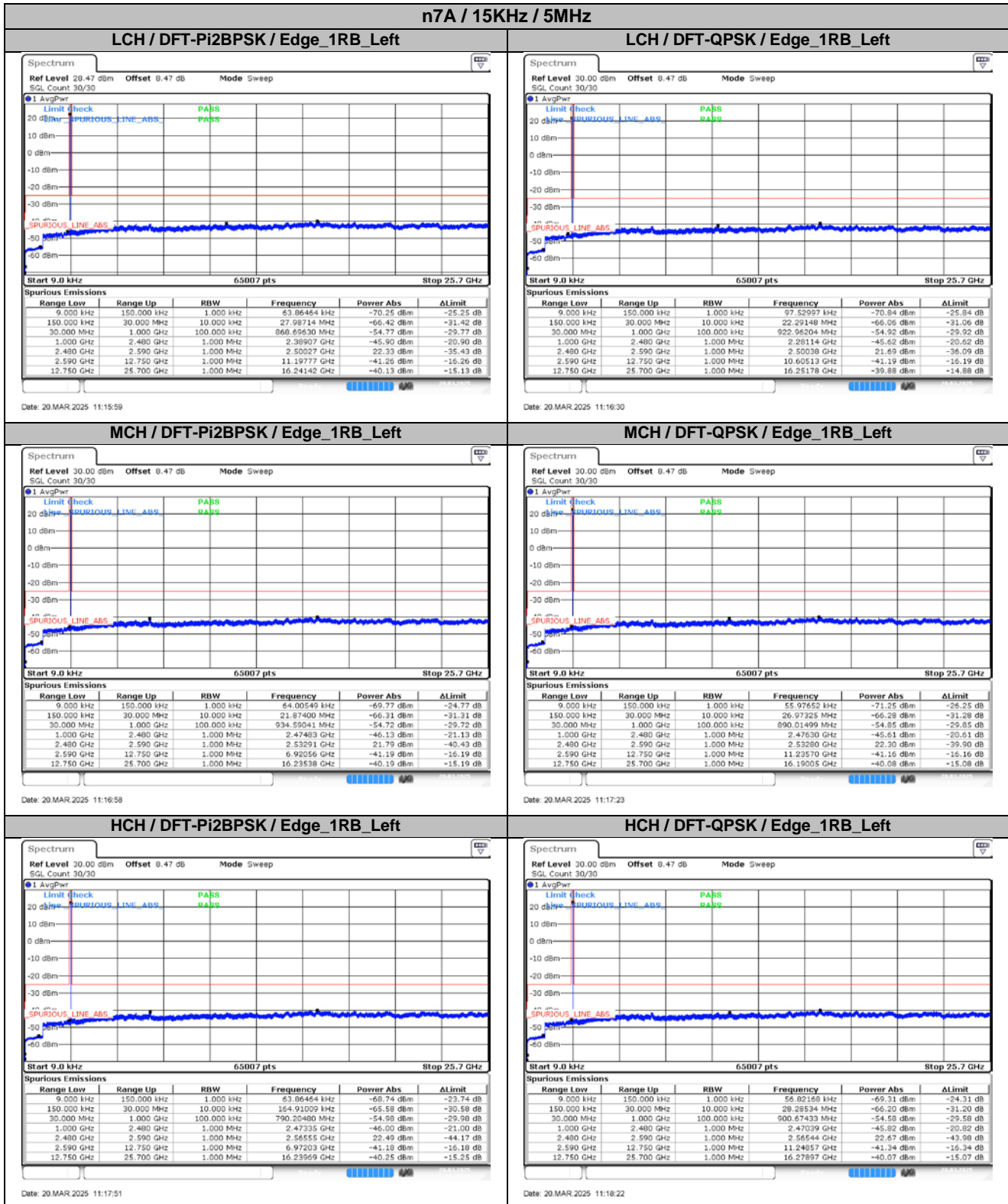
## n7A / 15KHz / 50MHz





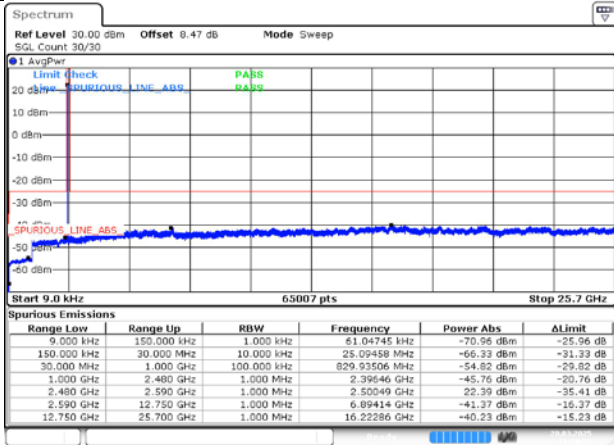
## 6. Conducted Spurious Emission

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



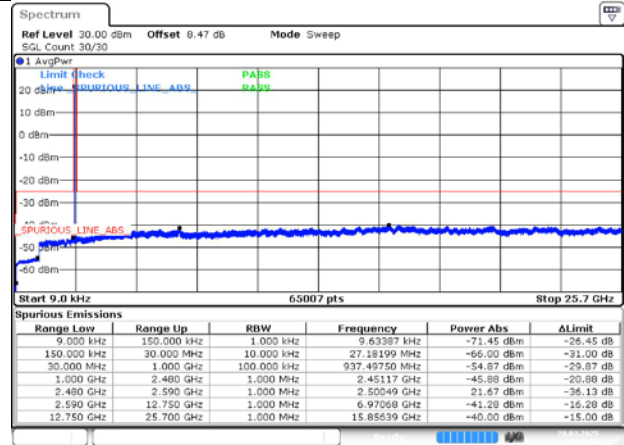
n7A / 15KHz / 10MHz

LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



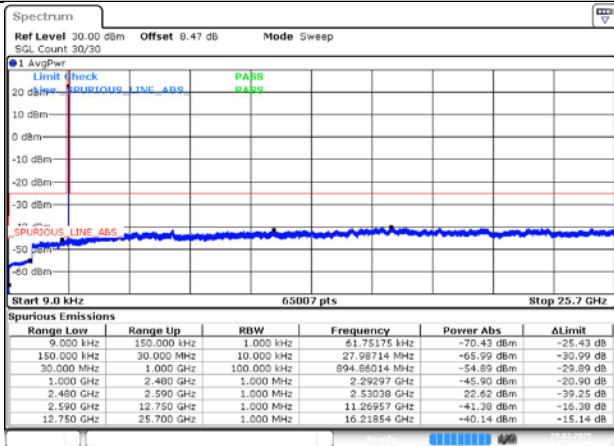
Date: 20.MAR.2025 11:18:54

LCH / DFT-QPSK / Edge\_1RB\_Left



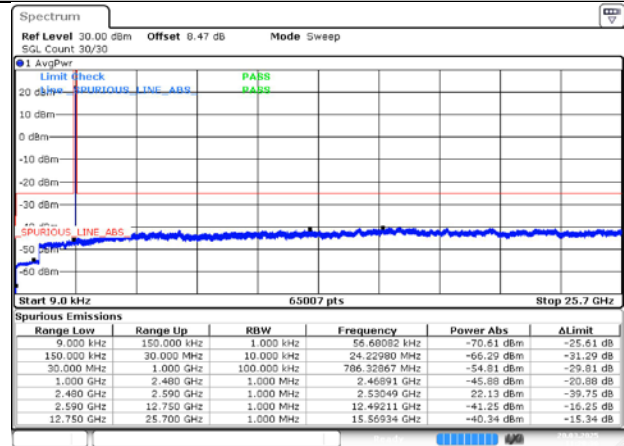
Date: 20.MAR.2025 11:19:25

MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



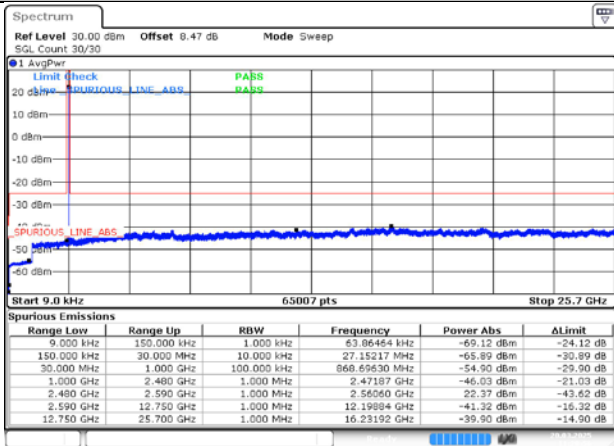
Date: 20.MAR.2025 11:19:59

MCH / DFT-QPSK / Edge\_1RB\_Left



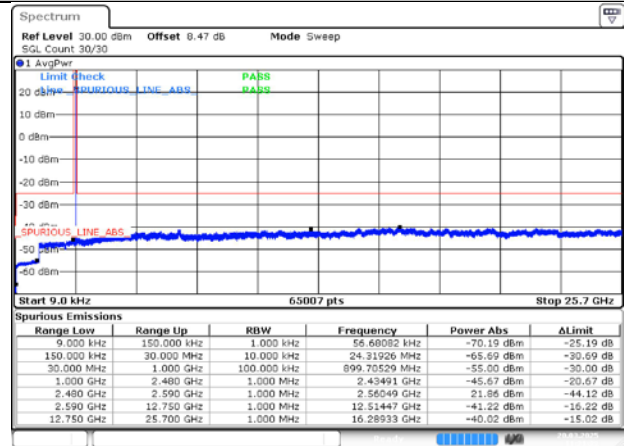
Date: 20.MAR.2025 11:20:29

HCH / DFT-Pi2BPSK / Edge\_1RB\_Left



Date: 20.MAR.2025 11:20:56

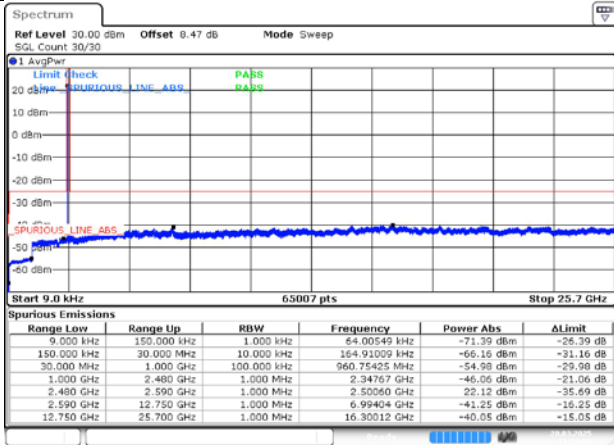
HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 20.MAR.2025 11:21:22

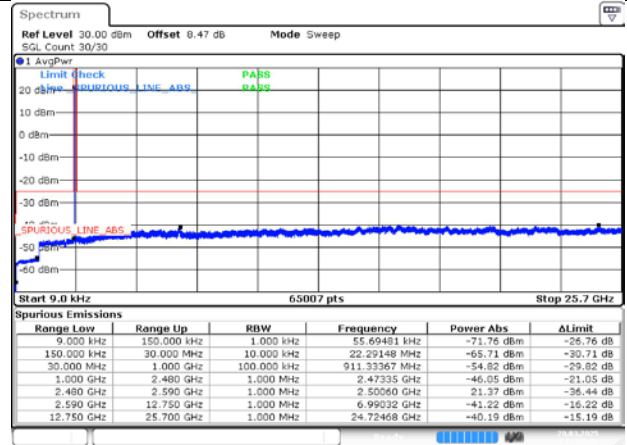
n7A / 15KHz / 15MHz

LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



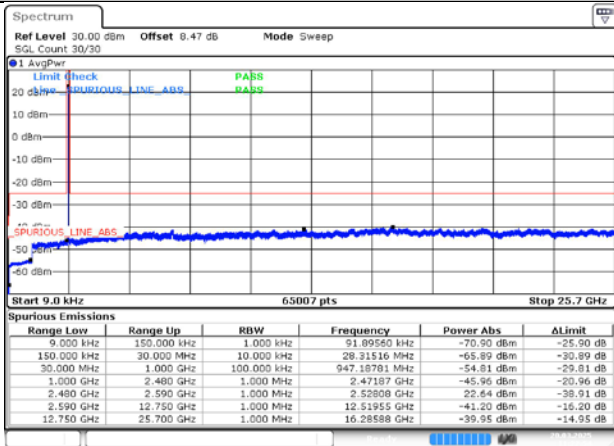
Date: 20.MAR.2025 11:21:55

LCH / DFT-QPSK / Edge\_1RB\_Left



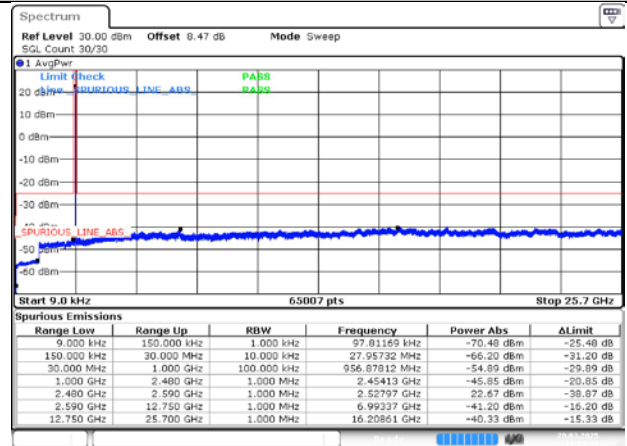
Date: 20.MAR.2025 11:22:26

MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



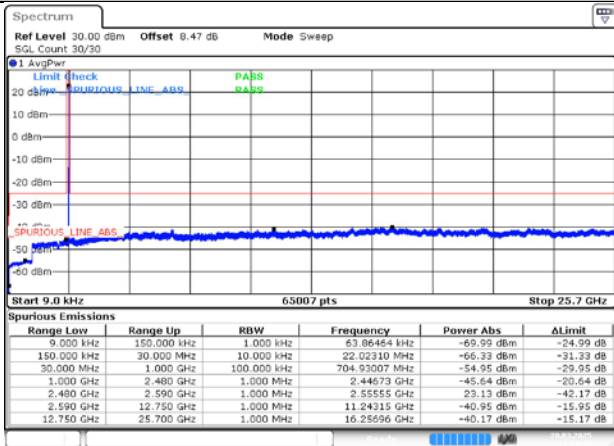
Date: 20.MAR.2025 11:22:53

MCH / DFT-QPSK / Edge\_1RB\_Left



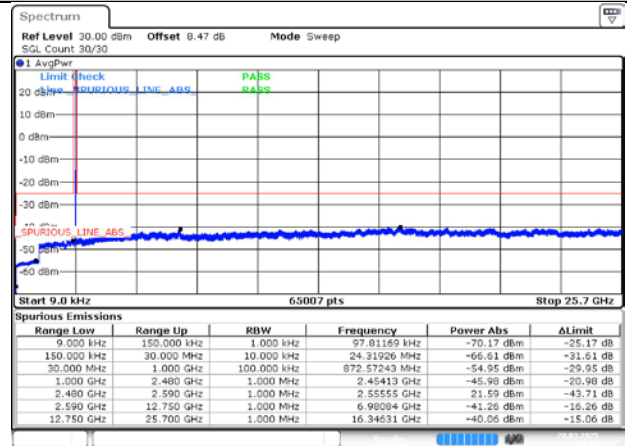
Date: 20.MAR.2025 11:23:18

HCH / DFT-Pi2BPSK / Edge\_1RB\_Left

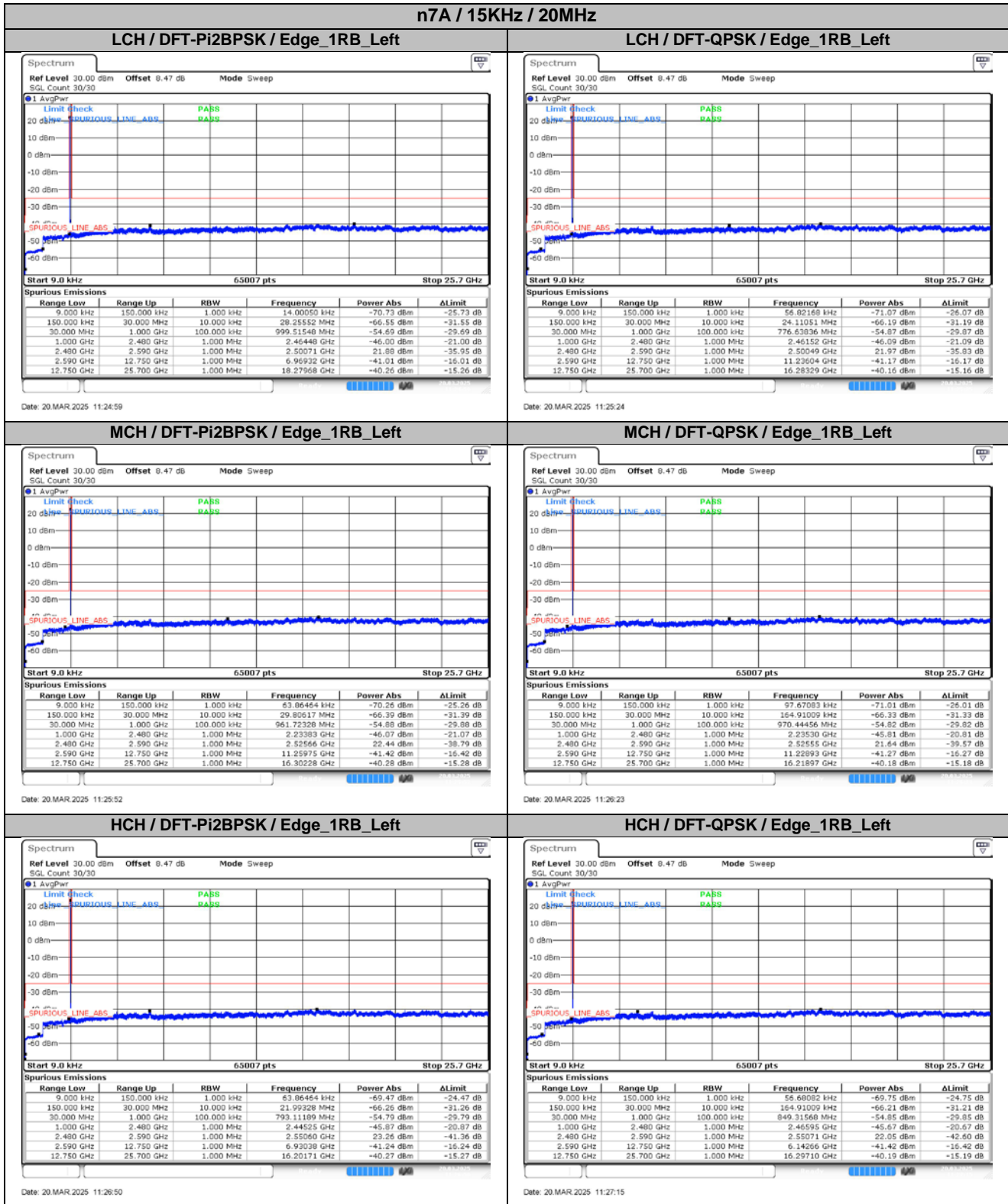


Date: 20.MAR.2025 11:23:46

HCH / DFT-QPSK / Edge\_1RB\_Left

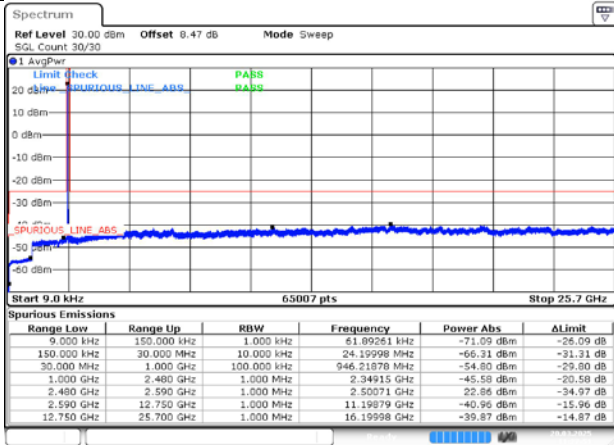


Date: 20.MAR.2025 11:24:11



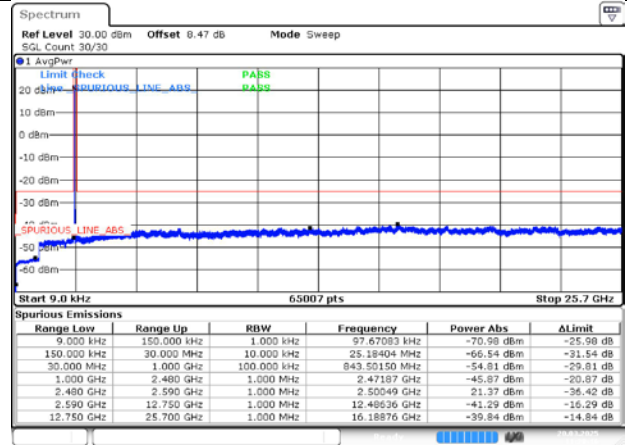
n7A / 15KHz / 25MHz

LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



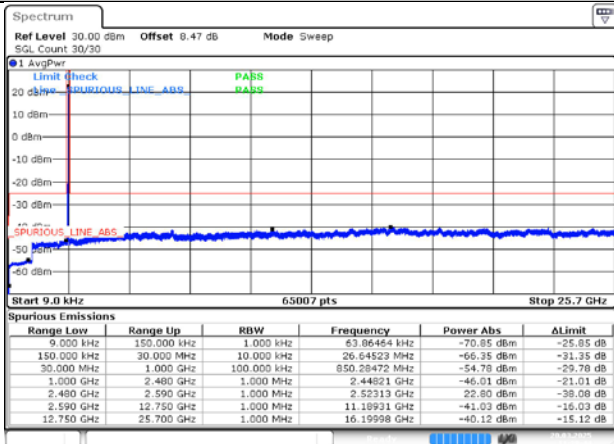
Date: 20.MAR.2025 11:27:51

LCH / DFT-QPSK / Edge\_1RB\_Left



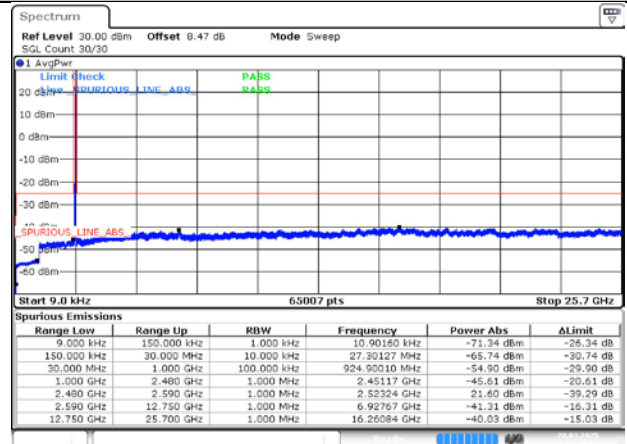
Date: 20.MAR.2025 11:28:16

MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



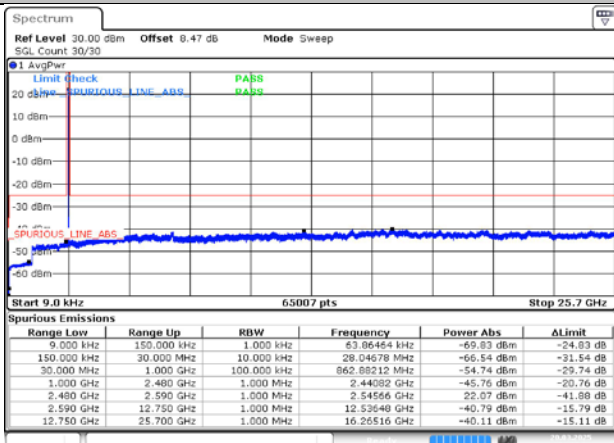
Date: 20.MAR.2025 11:28:43

MCH / DFT-QPSK / Edge\_1RB\_Left



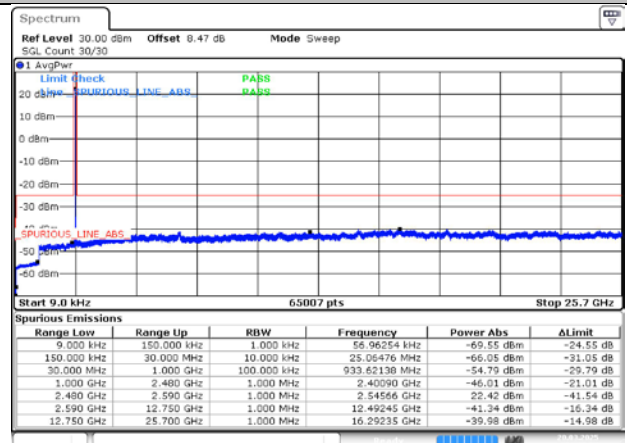
Date: 20.MAR.2025 11:29:09

HCH / DFT-Pi2BPSK / Edge\_1RB\_Left



Date: 20.MAR.2025 11:29:36

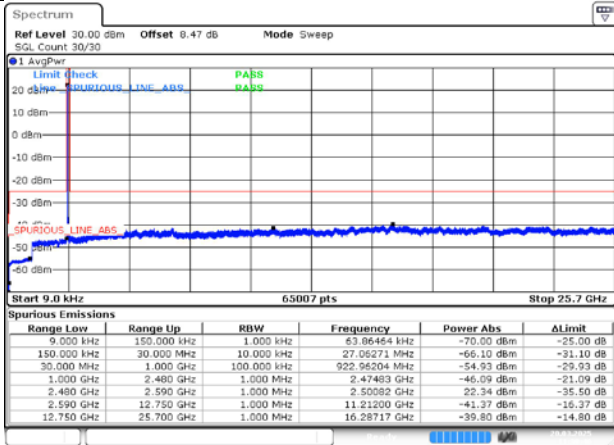
HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 20.MAR.2025 11:30:07

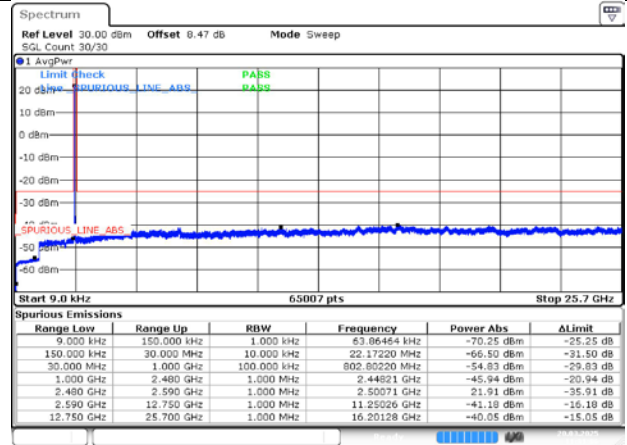
n7A / 15KHz / 30MHz

LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



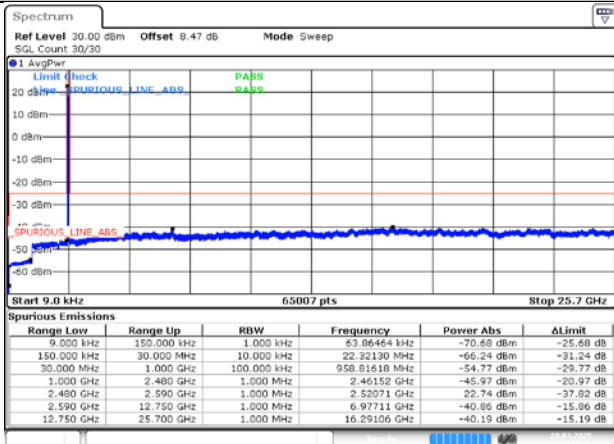
Date: 20.MAR.2025 11:30:40

LCH / DFT-QPSK / Edge\_1RB\_Left



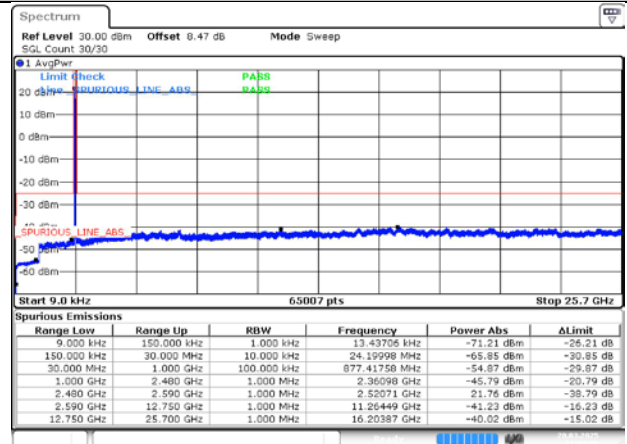
Date: 20.MAR.2025 11:31:05

MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



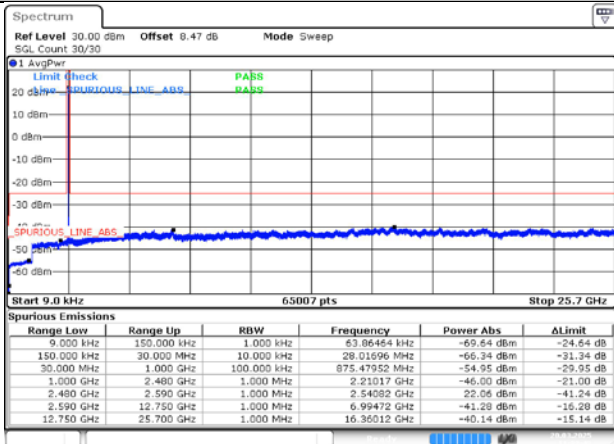
Date: 20.MAR.2025 11:31:38

MCH / DFT-QPSK / Edge\_1RB\_Left



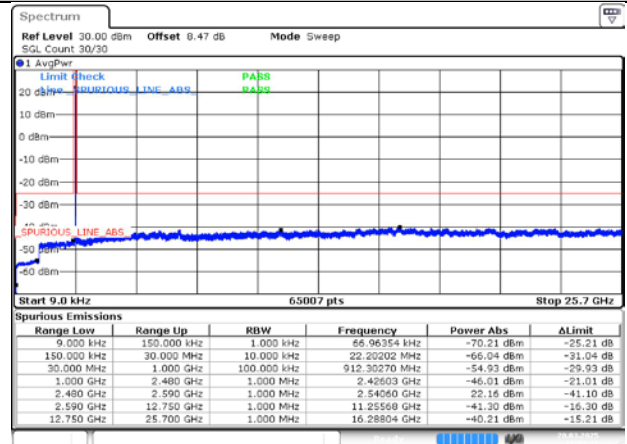
Date: 20.MAR.2025 11:32:09

HCH / DFT-Pi2BPSK / Edge\_1RB\_Left



Date: 20.MAR.2025 11:32:42

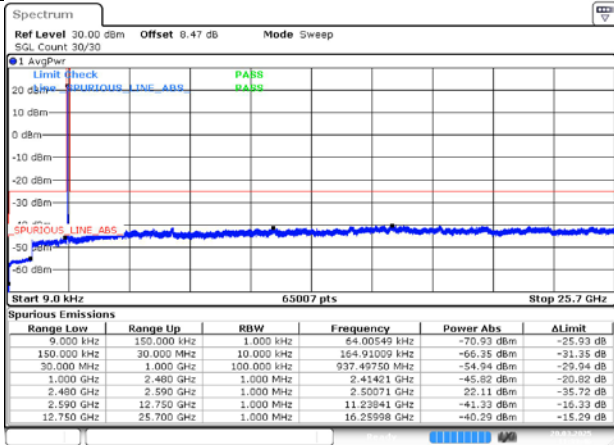
HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 20.MAR.2025 11:33:13

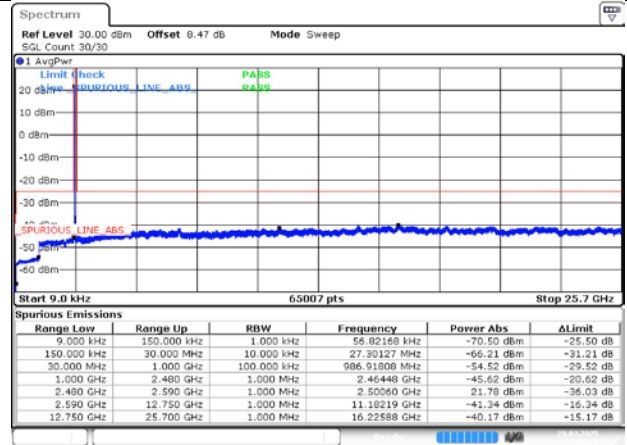
n7A / 15KHz / 35MHz

LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



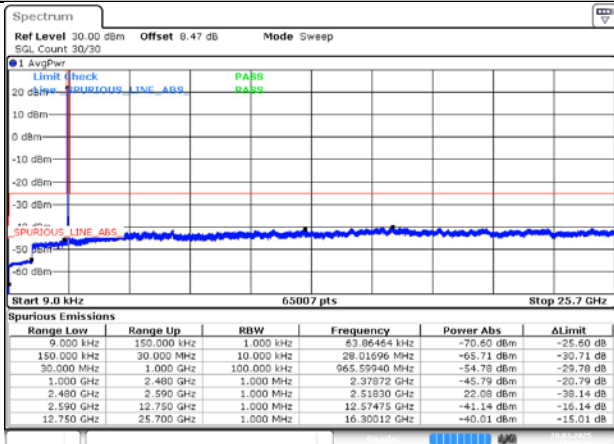
Date: 20.MAR.2025 11:33:45

LCH / DFT-QPSK / Edge\_1RB\_Left



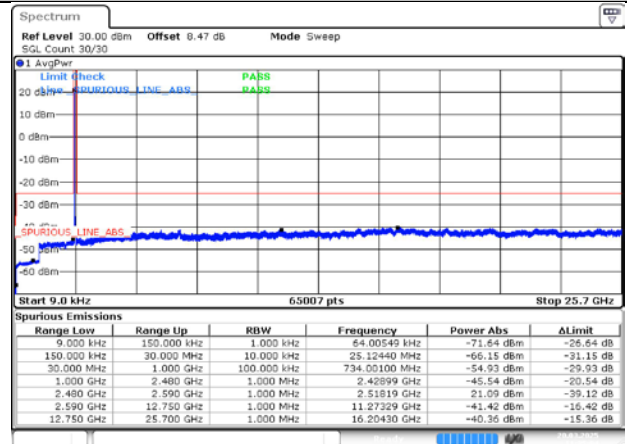
Date: 20.MAR.2025 11:34:11

MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



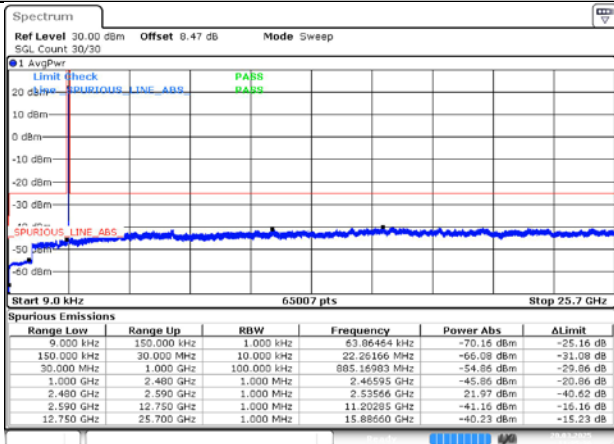
Date: 20.MAR.2025 11:34:38

MCH / DFT-QPSK / Edge\_1RB\_Left



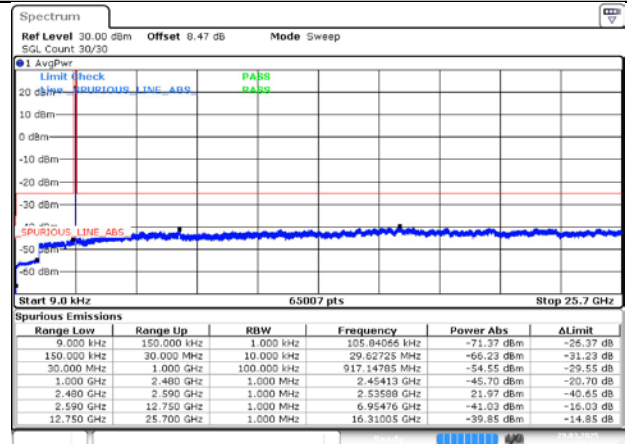
Date: 20.MAR.2025 11:35:03

HCH / DFT-Pi2BPSK / Edge\_1RB\_Left



Date: 20.MAR.2025 11:35:30

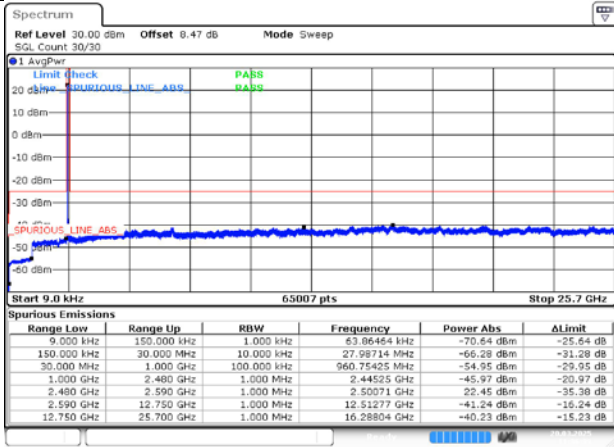
HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 20.MAR.2025 11:36:01

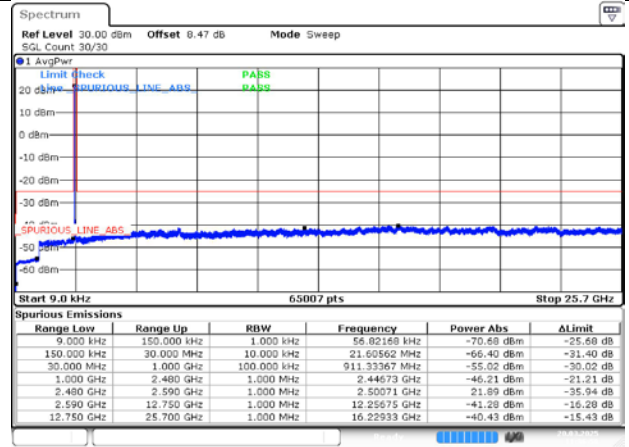
n7A / 15KHz / 40MHz

LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



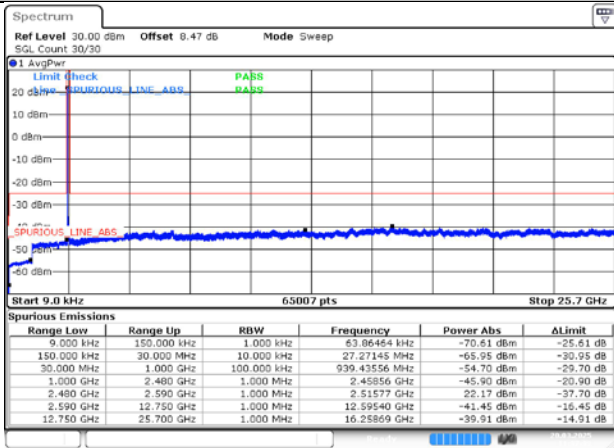
Date: 20.MAR.2025 11:36:33

LCH / DFT-QPSK / Edge\_1RB\_Left



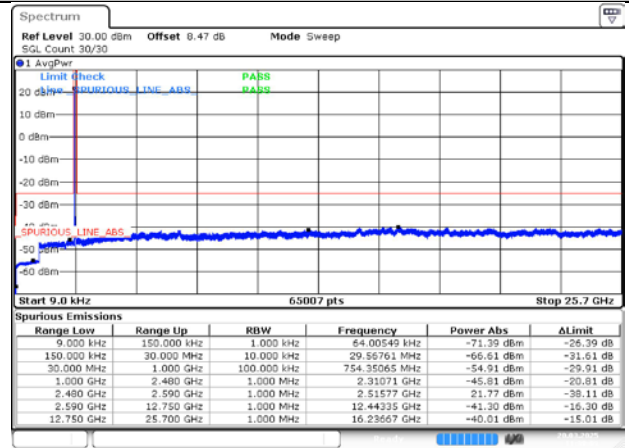
Date: 20.MAR.2025 11:36:59

MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



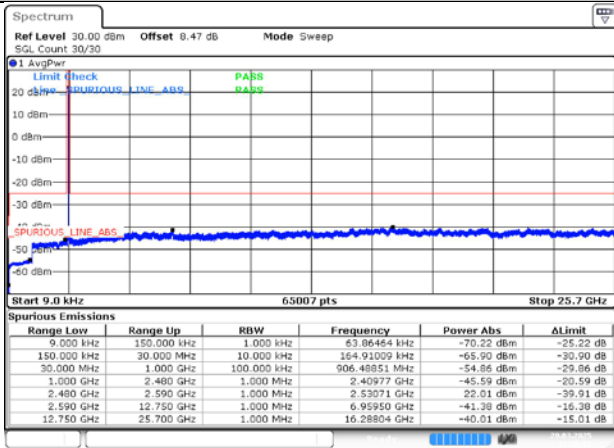
Date: 20.MAR.2025 11:37:32

MCH / DFT-QPSK / Edge\_1RB\_Left



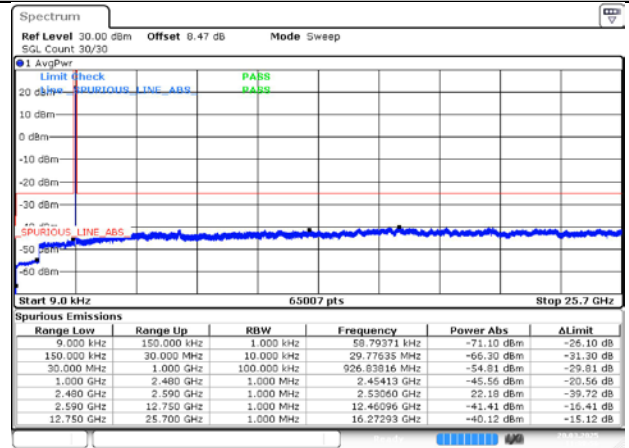
Date: 20.MAR.2025 11:38:03

HCH / DFT-Pi2BPSK / Edge\_1RB\_Left



Date: 20.MAR.2025 11:38:30

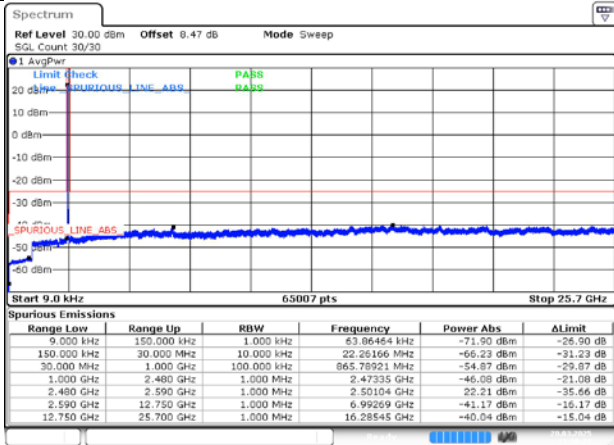
HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 20.MAR.2025 11:38:55

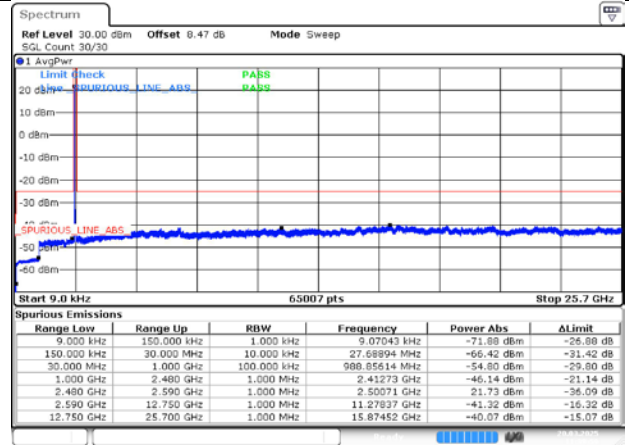
n7A / 15KHz / 50MHz

LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



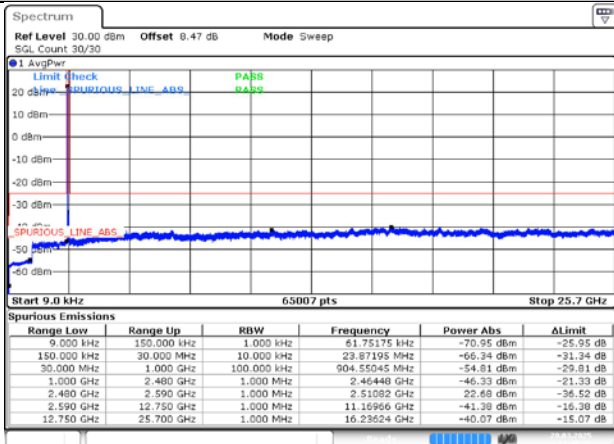
Date: 20.MAR.2025 11:39:27

LCH / DFT-QPSK / Edge\_1RB\_Left



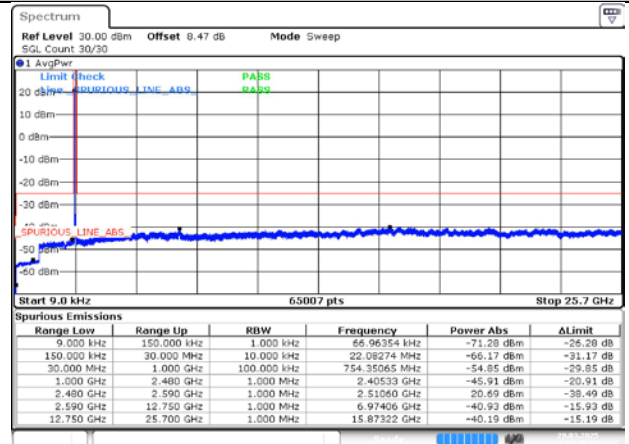
Date: 20.MAR.2025 11:39:59

MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



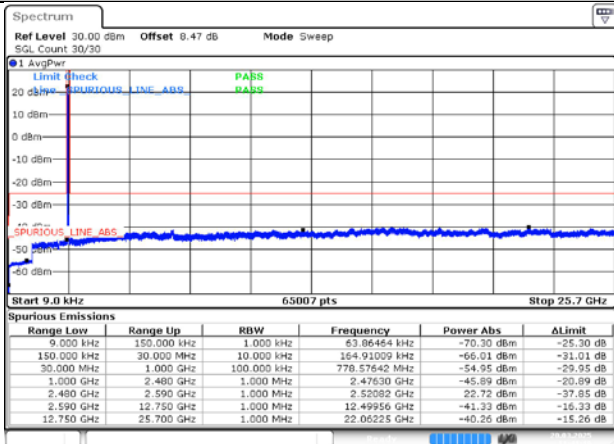
Date: 20.MAR.2025 11:40:26

MCH / DFT-QPSK / Edge\_1RB\_Left



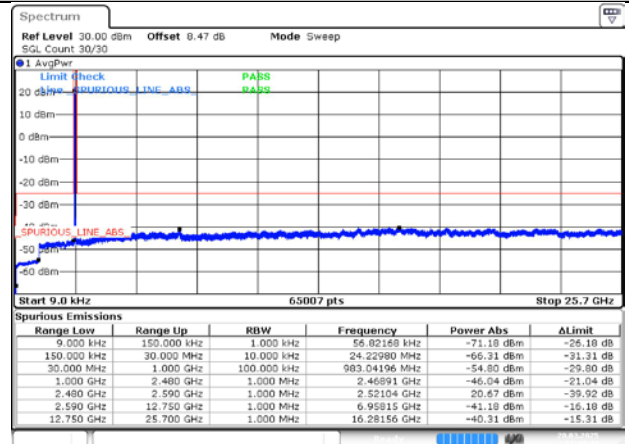
Date: 20.MAR.2025 11:40:51

HCH / DFT-Pi2BPSK / Edge\_1RB\_Left



Date: 20.MAR.2025 11:41:19

HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 20.MAR.2025 11:41:44

## 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)	
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-2.10	-0.000828	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-7.60	-0.002998	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-3.00	-0.001183	Pass

#### 7.1.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	-3.30	-0.001302	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-1.40	-0.000552	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-5.70	-0.002249	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	0.70	0.000276	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-4.90	-0.001933	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-4.20	-0.001657	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-3.10	-0.001223	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-3.10	-0.001223	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-1.00	-0.000394	Pass

The End

**Appendix  
for  
n26A  
(814-824)**

# Catalogue

- 1. CONDUCTED POWER..... 3
  - 1.1. TEST RESULTS @ ANT0..... 3
- 2. PEAK-TO-AVERAGE RATIO ..... 4
  - 2.1. TEST RESULTS ..... 4
  - 2.2. TEST PLOTS FOR SCS=15KHZ..... 4
- 3. MODULATION CHARACTERISTICS ..... 4
  - 3.1. TEST PLOTS FOR SCS=15KHZ..... 4
- 4. 99% OCCUPIED BANDWIDTH & 26DB EMISSION BANDWIDTH ..... 6
  - 4.1. TEST RESULTS ..... 6
  - 4.2. TEST PLOTS FOR SCS=15KHZ..... 7
- 5. EMISSION MASK ..... 11
  - 5.1. TEST PLOTS FOR SCS=15KHZ..... 11
- 6. CONDUCTED SPURIOUS EMISSION ..... 15
  - 6.1. TEST PLOTS FOR SCS=15KHZ..... 15
- 7. FREQUENCY STABILITY..... 17
  - 7.1. TEST RESULTS ..... 17

## 1. Conducted power

### 1.1. Test Results @ Ant0

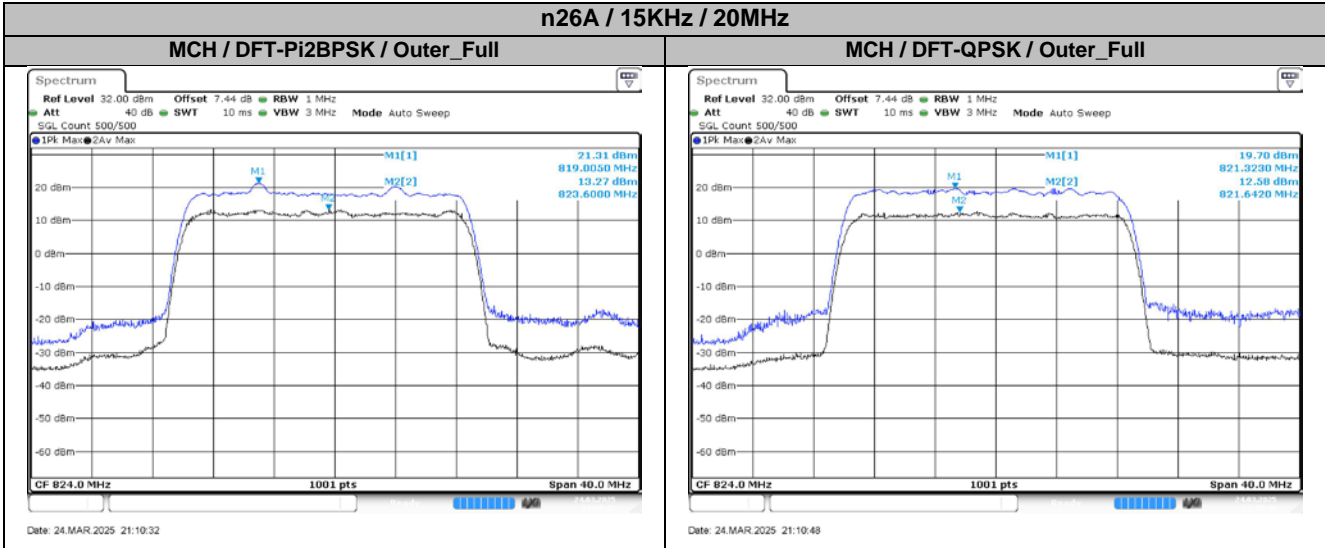
SCS	Bandwidth	Channel	Modulation	Conducted Result (dBm)			Verdict
				Inner_1RB_Left	Inner_1RB_Right	Inner_Full	
15KHz	5MHz	LCH	DFT-Pi2BPSK	23.20	23.13	23.30	Pass
15KHz	5MHz	LCH	DFT-QPSK	23.14	23.13	23.25	Pass
15KHz	5MHz	LCH	DFT-16QAM	22.33	22.25	22.21	Pass
15KHz	5MHz	LCH	DFT-64QAM	20.89	20.80	20.78	Pass
15KHz	5MHz	LCH	DFT-256QAM	18.68	18.68	18.79	Pass
15KHz	5MHz	LCH	CP-QPSK	21.64	21.46	21.73	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	23.15	23.13	23.19	Pass
15KHz	5MHz	MCH	DFT-QPSK	23.11	23.09	23.20	Pass
15KHz	5MHz	MCH	DFT-16QAM	22.33	22.28	22.11	Pass
15KHz	5MHz	MCH	DFT-64QAM	20.85	20.82	20.76	Pass
15KHz	5MHz	MCH	DFT-256QAM	18.68	18.64	18.89	Pass
15KHz	5MHz	MCH	CP-QPSK	21.57	21.48	21.71	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	23.10	23.05	23.18	Pass
15KHz	5MHz	HCH	DFT-QPSK	23.11	23.08	23.21	Pass
15KHz	5MHz	HCH	DFT-16QAM	22.28	22.13	22.15	Pass
15KHz	5MHz	HCH	DFT-64QAM	20.82	20.70	20.71	Pass
15KHz	5MHz	HCH	DFT-256QAM	18.64	18.58	18.81	Pass
15KHz	5MHz	HCH	CP-QPSK	21.47	21.47	21.63	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	23.19	23.06	23.19	Pass
15KHz	10MHz	MCH	DFT-QPSK	23.14	23.07	23.17	Pass
15KHz	10MHz	MCH	DFT-16QAM	22.33	22.19	22.17	Pass
15KHz	10MHz	MCH	DFT-64QAM	20.96	20.64	20.70	Pass
15KHz	10MHz	MCH	DFT-256QAM	18.73	18.55	18.74	Pass
15KHz	10MHz	MCH	CP-QPSK	21.59	21.42	21.62	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	23.19	23.09	23.16	Pass
15KHz	15MHz	MCH	DFT-QPSK	23.12	23.02	23.13	Pass
15KHz	15MHz	MCH	DFT-16QAM	22.38	22.16	22.16	Pass
15KHz	15MHz	MCH	DFT-64QAM	20.94	20.77	20.65	Pass
15KHz	15MHz	MCH	DFT-256QAM	18.68	18.48	18.73	Pass
15KHz	15MHz	MCH	CP-QPSK	21.58	21.45	21.63	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.22	23.13	23.20	Pass
15KHz	20MHz	MCH	DFT-QPSK	23.13	23.07	23.17	Pass
15KHz	20MHz	MCH	DFT-16QAM	22.39	22.28	22.16	Pass
15KHz	20MHz	MCH	DFT-64QAM	21.01	20.84	20.71	Pass
15KHz	20MHz	MCH	DFT-256QAM	18.65	18.60	18.68	Pass
15KHz	20MHz	MCH	CP-QPSK	21.59	21.50	21.64	Pass

## 2. Peak-to-Average Ratio

### 2.1. Test Results

SCS	Bandwidth	Channel	Modulation	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	20MHz	MCH	Outer_Full	8.04	7.12	13.00	Pass

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



## 3. Modulation Characteristics

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

