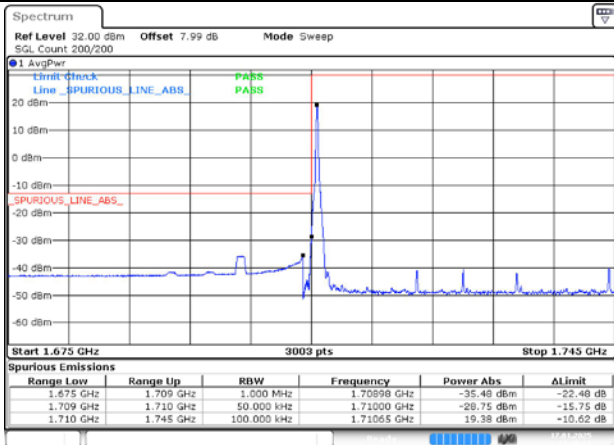


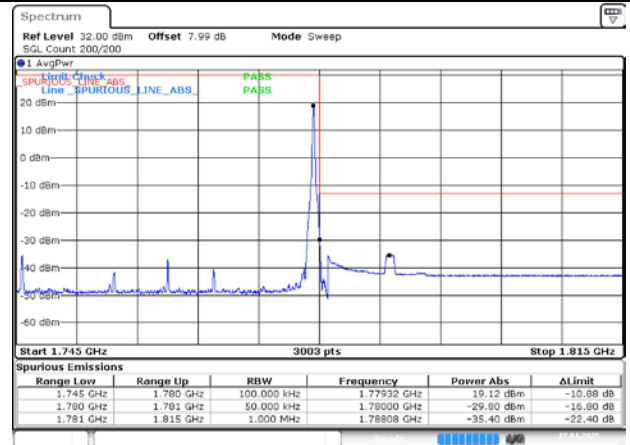
DC_7A_n66A / 15KHz / 35MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



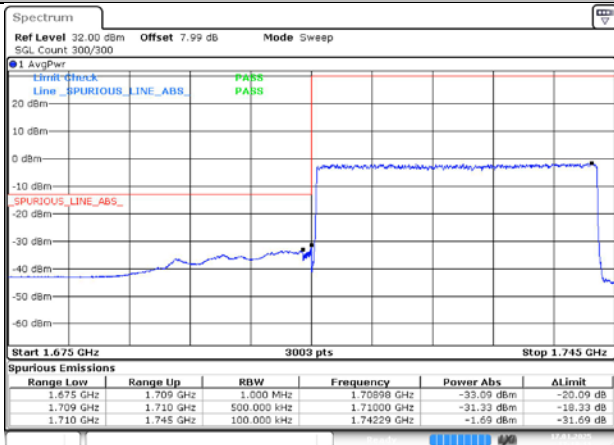
Date: 17.JAN.2025 17:09:51

HCH / DFT-Pi2BPSK / Edge_1RB_Right



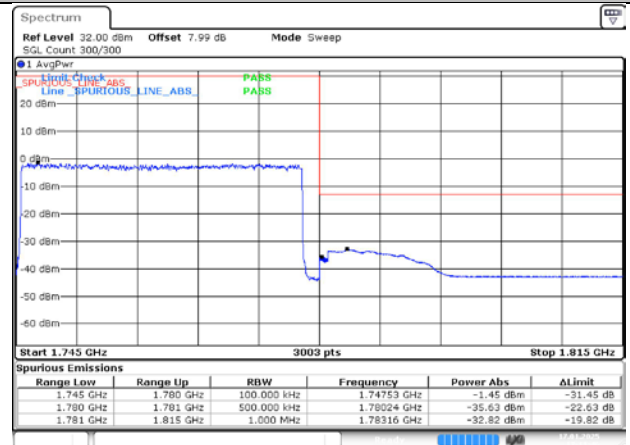
Date: 17.JAN.2025 17:11:32

LCH / DFT-Pi2BPSK / Outer_Full



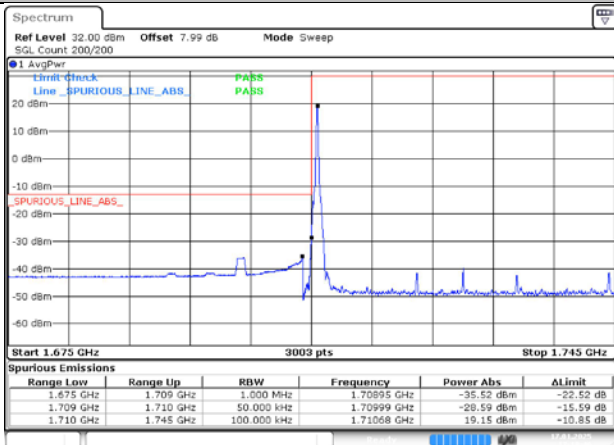
Date: 17.JAN.2025 17:10:11

HCH / DFT-Pi2BPSK / Outer_Full



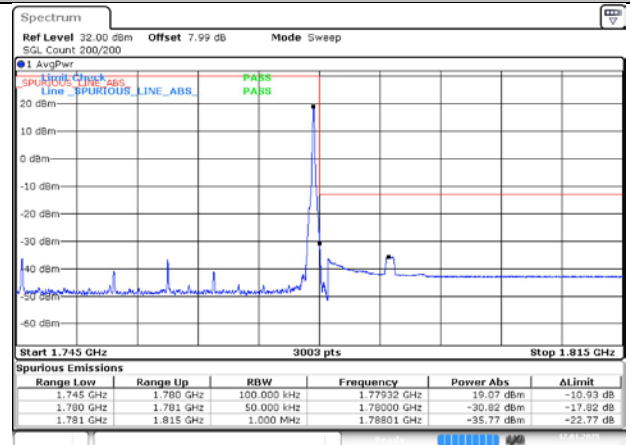
Date: 17.JAN.2025 17:11:47

LCH / DFT-QPSK / Edge_1RB_Left

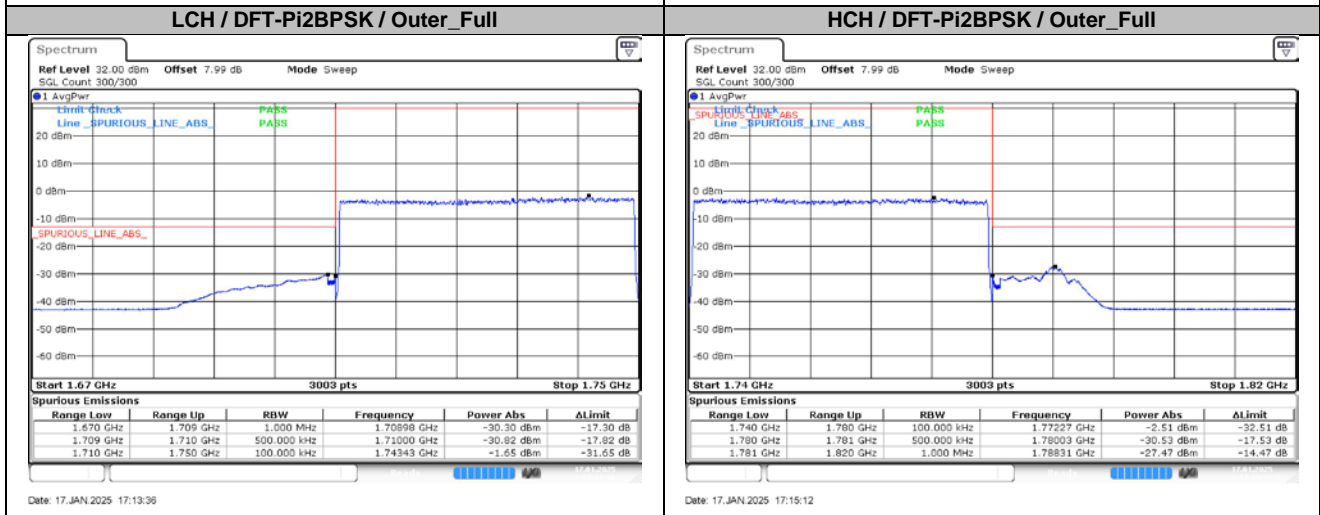
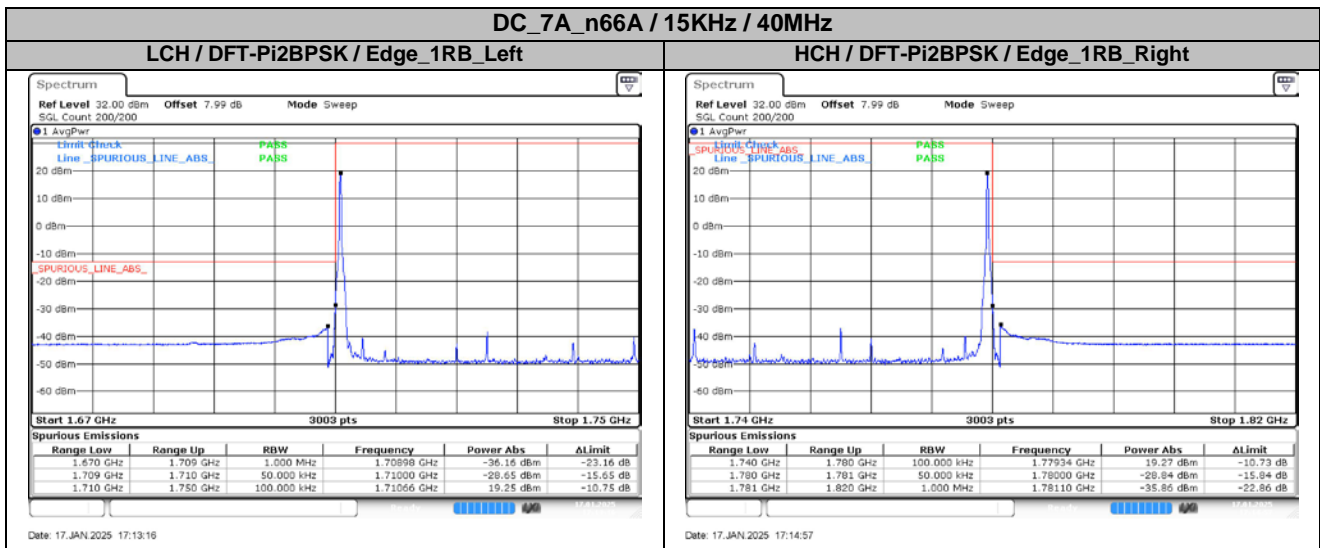
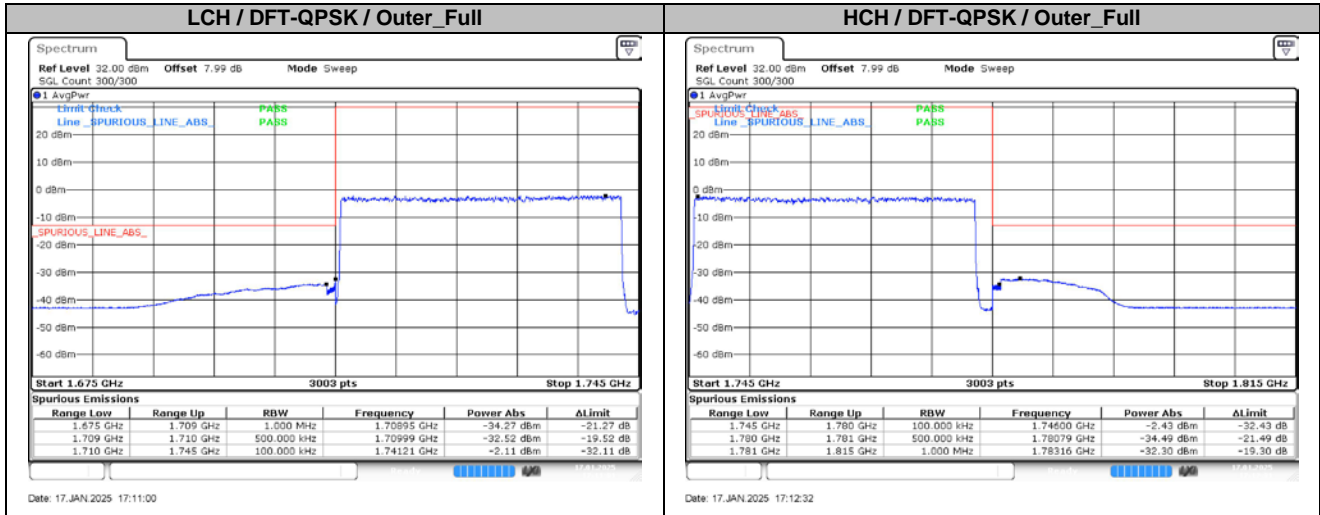


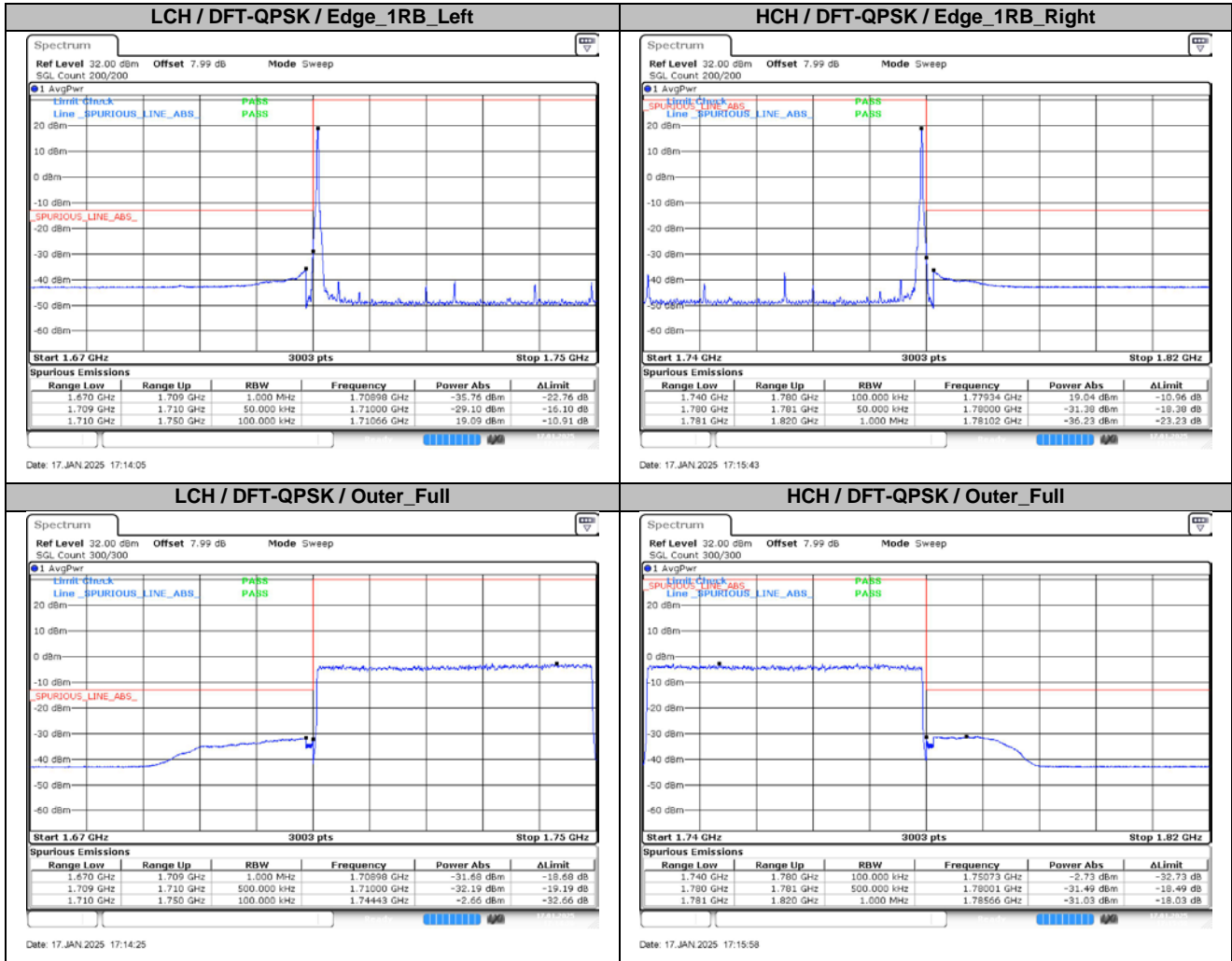
Date: 17.JAN.2025 17:10:40

HCH / DFT-QPSK / Edge_1RB_Right



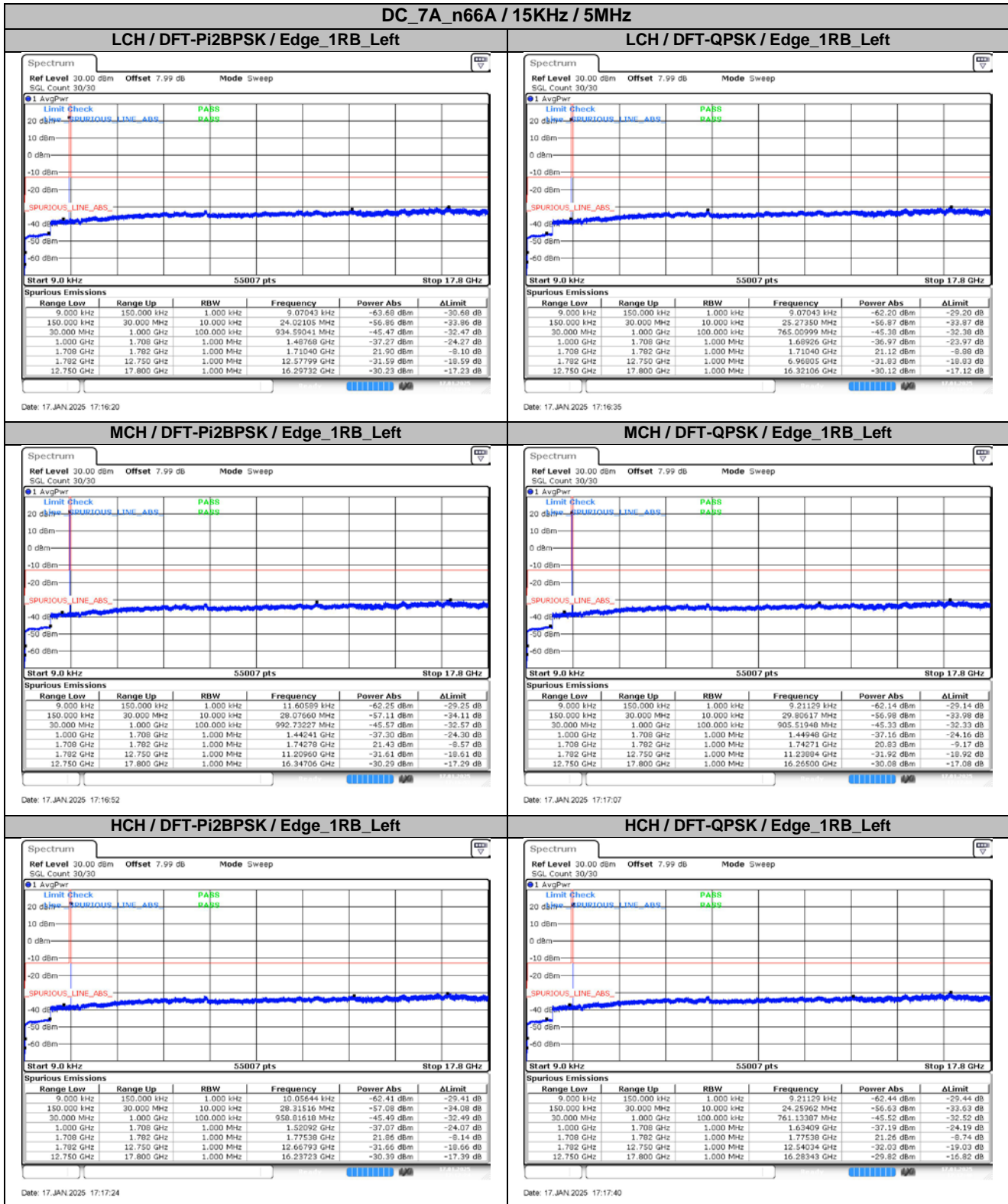
Date: 17.JAN.2025 17:12:17

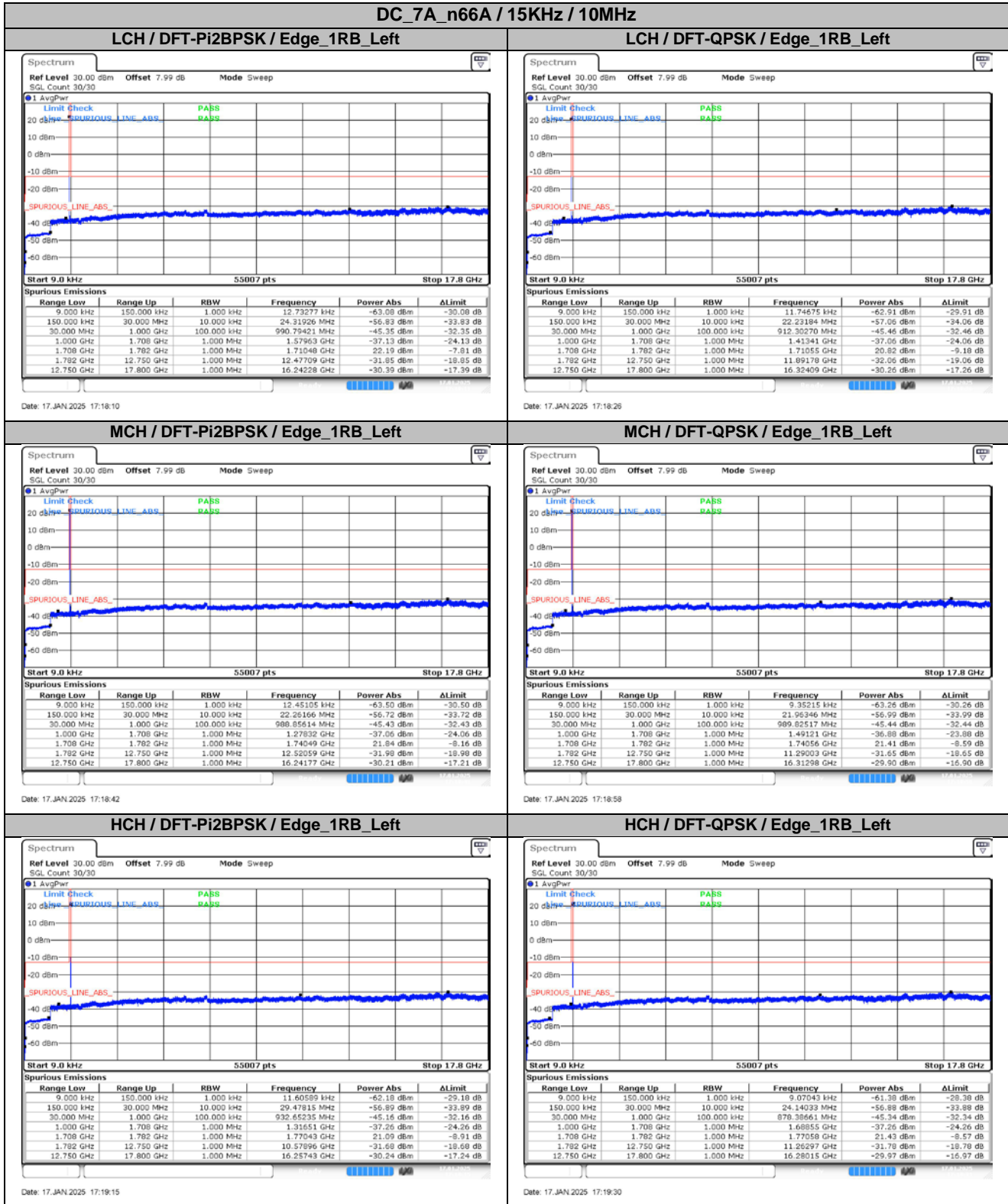




6. Conducted Spurious Emission

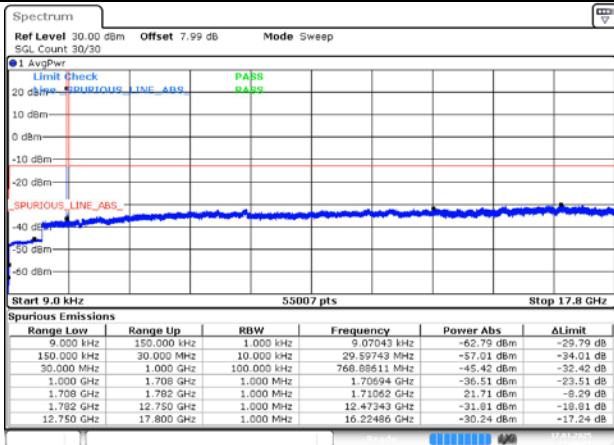
6.1. Test Plots for SCS=15KHz





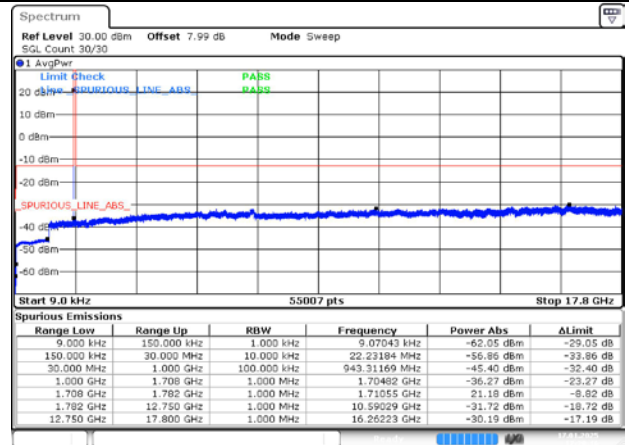
DC_7A_n66A / 15KHz / 15MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



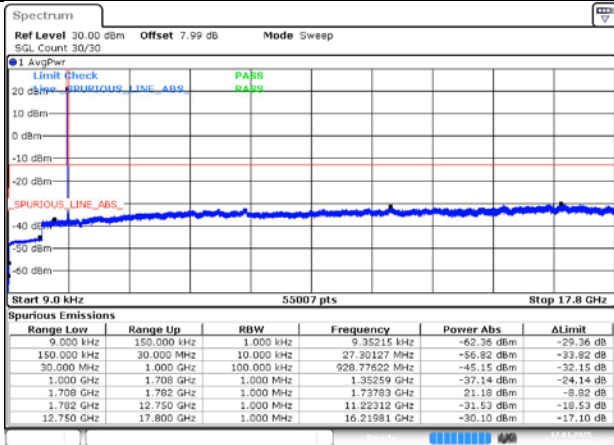
Date: 17.JAN.2025 17:20:01

LCH / DFT-QPSK / Edge_1RB_Left



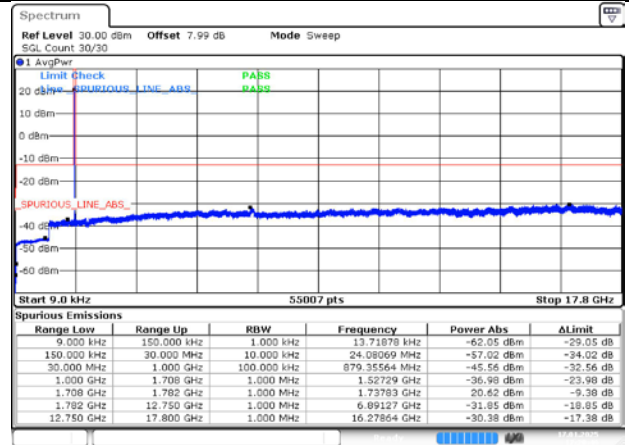
Date: 17.JAN.2025 17:20:16

MCH / DFT-Pi2BPSK / Edge_1RB_Left



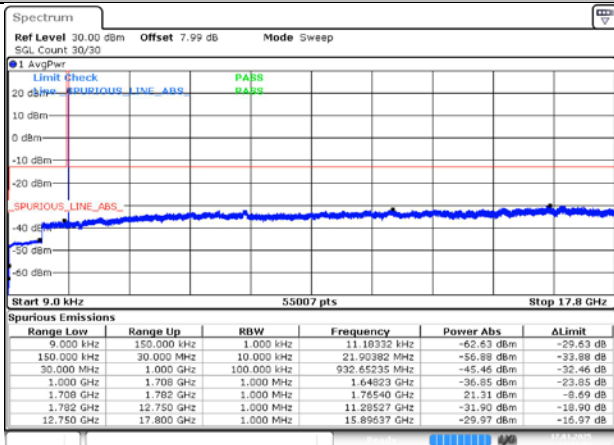
Date: 17.JAN.2025 17:20:33

MCH / DFT-QPSK / Edge_1RB_Left



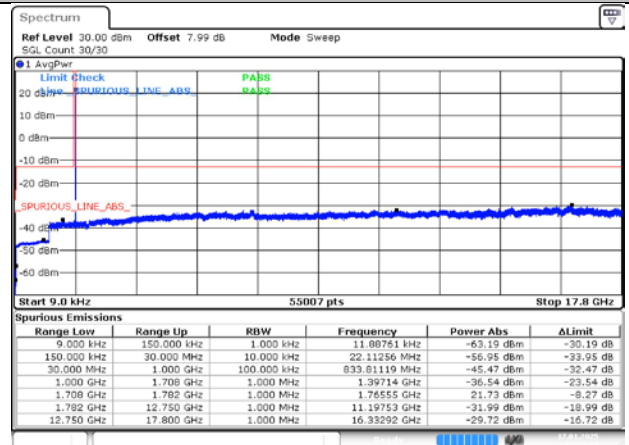
Date: 17.JAN.2025 17:20:49

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 17.JAN.2025 17:21:05

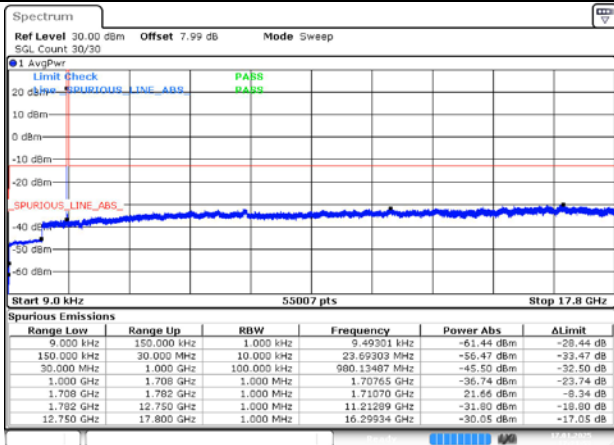
HCH / DFT-QPSK / Edge_1RB_Left



Date: 17.JAN.2025 17:21:21

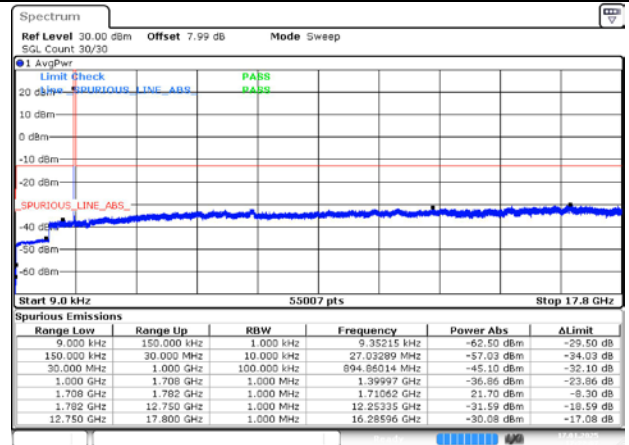
DC_7A_n66A / 15KHz / 20MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



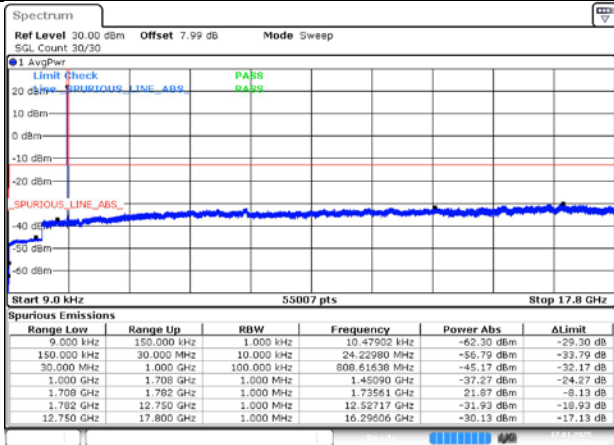
Date: 17.JAN.2025 17:21:51

LCH / DFT-QPSK / Edge_1RB_Left



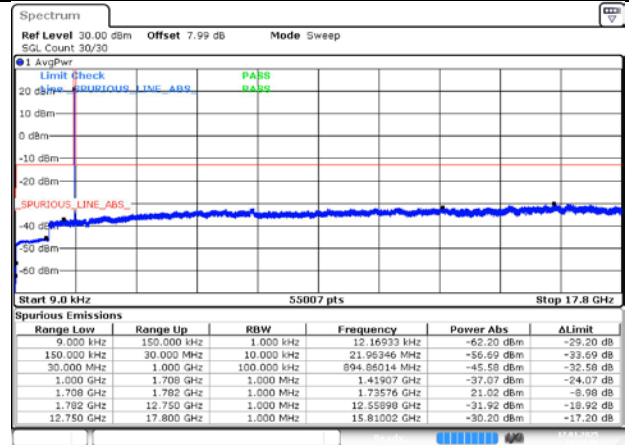
Date: 17.JAN.2025 17:22:07

MCH / DFT-Pi2BPSK / Edge_1RB_Left



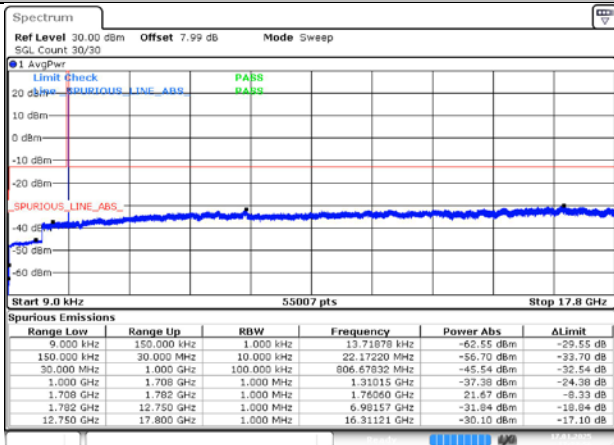
Date: 17.JAN.2025 17:22:24

MCH / DFT-QPSK / Edge_1RB_Left



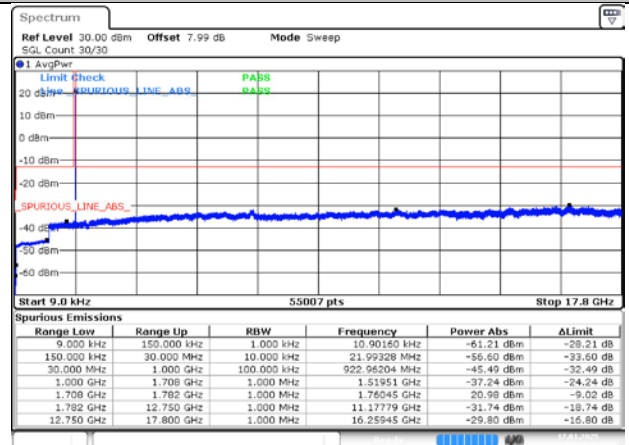
Date: 17.JAN.2025 17:22:39

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 17.JAN.2025 17:22:56

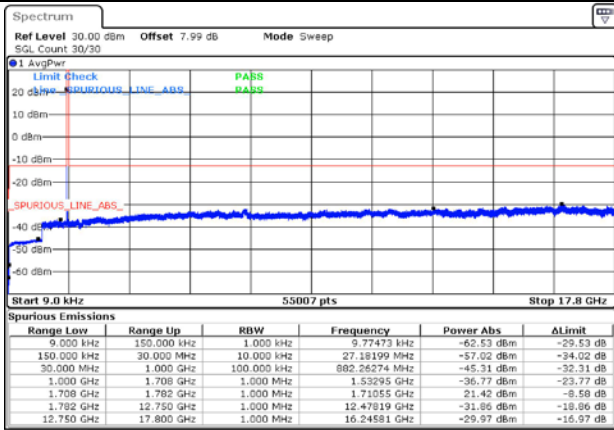
HCH / DFT-QPSK / Edge_1RB_Left



Date: 17.JAN.2025 17:23:11

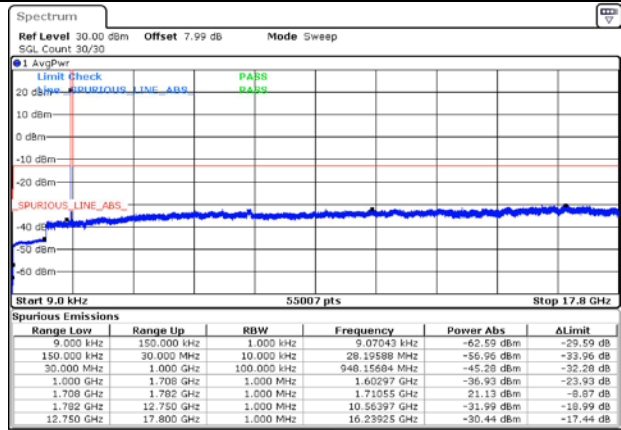
DC_7A_n66A / 15KHz / 25MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



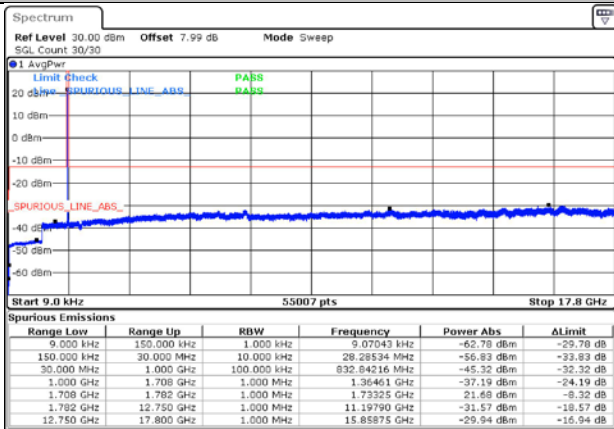
Date: 17.JAN.2025 17:23:42

LCH / DFT-QPSK / Edge_1RB_Left



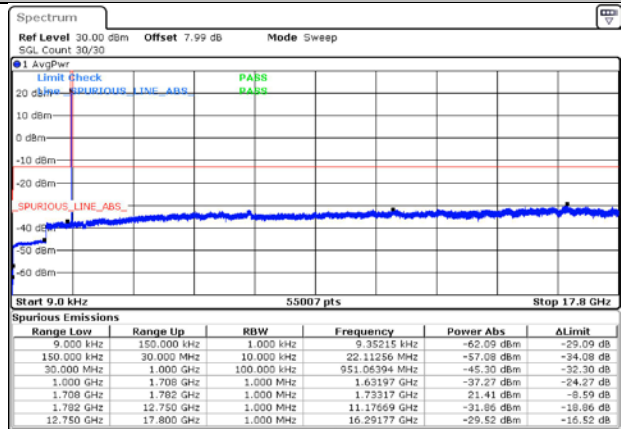
Date: 17.JAN.2025 17:23:57

MCH / DFT-Pi2BPSK / Edge_1RB_Left



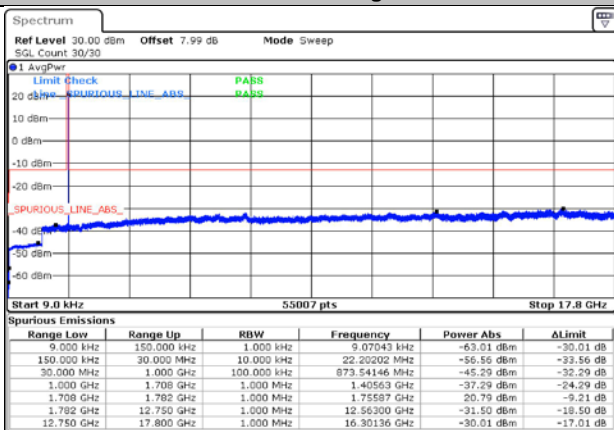
Date: 17.JAN.2025 17:24:14

MCH / DFT-QPSK / Edge_1RB_Left



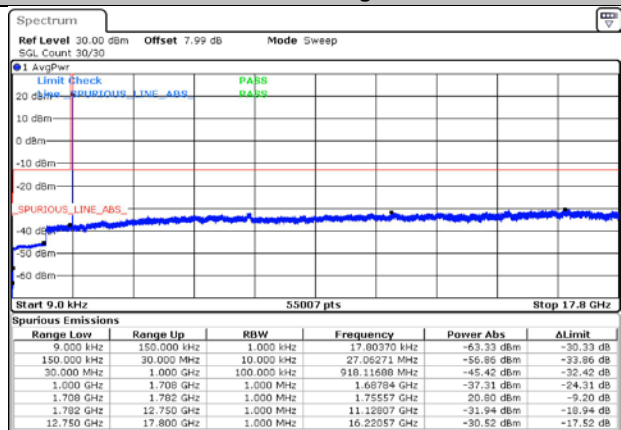
Date: 17.JAN.2025 17:24:30

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 17.JAN.2025 17:24:46

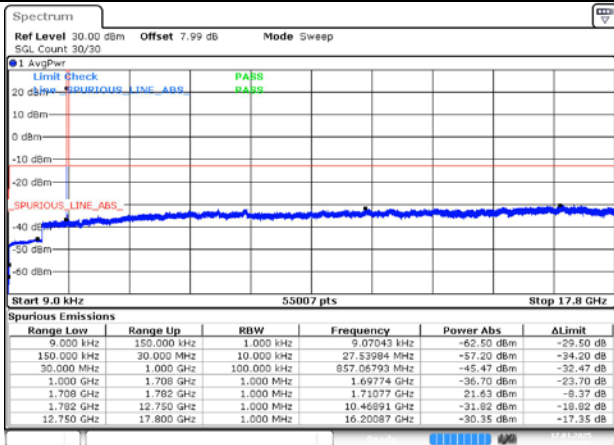
HCH / DFT-QPSK / Edge_1RB_Left



Date: 17.JAN.2025 17:25:02

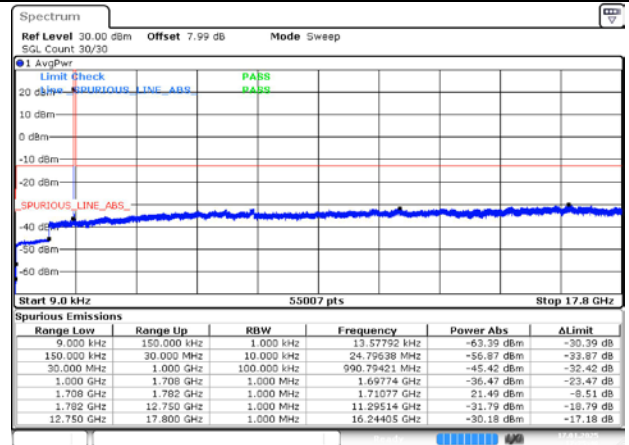
DC_7A_n66A / 15KHz / 30MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



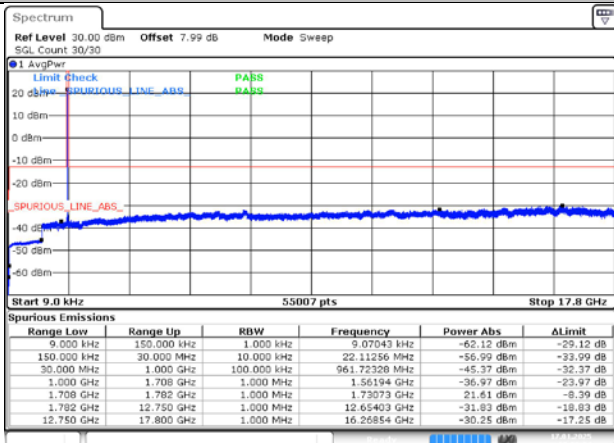
Date: 17.JAN.2025 17:25:32

LCH / DFT-QPSK / Edge_1RB_Left



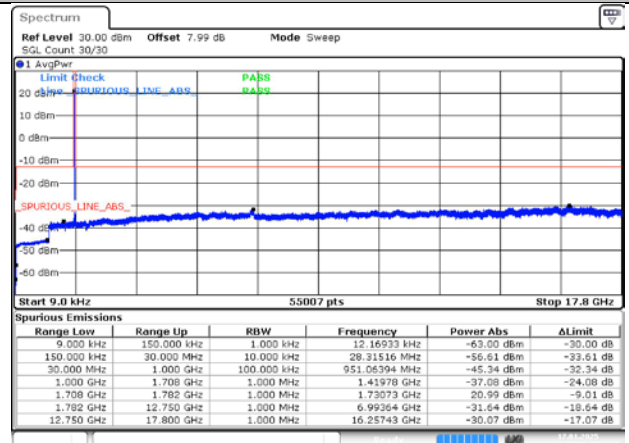
Date: 17.JAN.2025 17:25:48

MCH / DFT-Pi2BPSK / Edge_1RB_Left



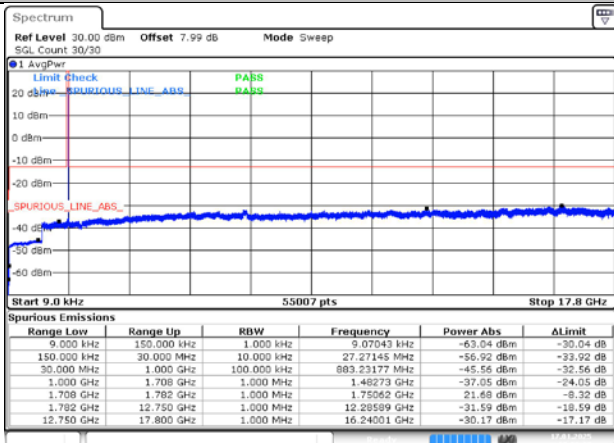
Date: 17.JAN.2025 17:26:04

MCH / DFT-QPSK / Edge_1RB_Left



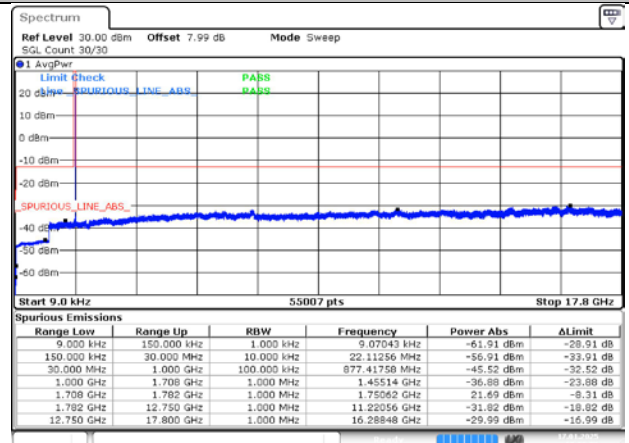
Date: 17.JAN.2025 17:26:20

HCH / DFT-Pi2BPSK / Edge_1RB_Left

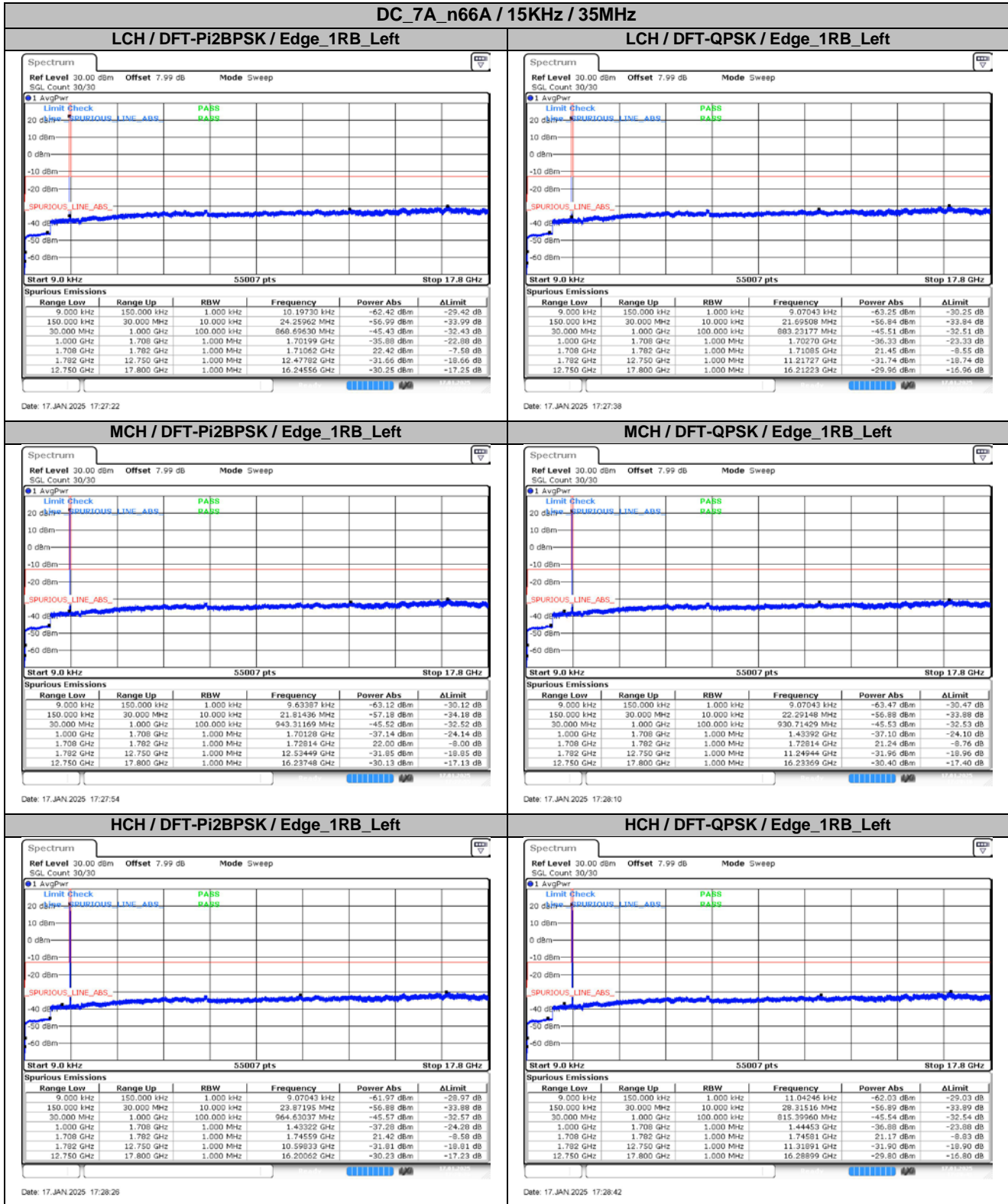


Date: 17.JAN.2025 17:26:36

HCH / DFT-QPSK / Edge_1RB_Left

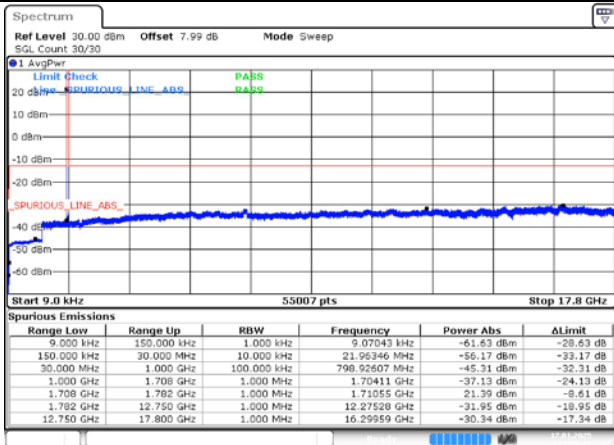


Date: 17.JAN.2025 17:26:52



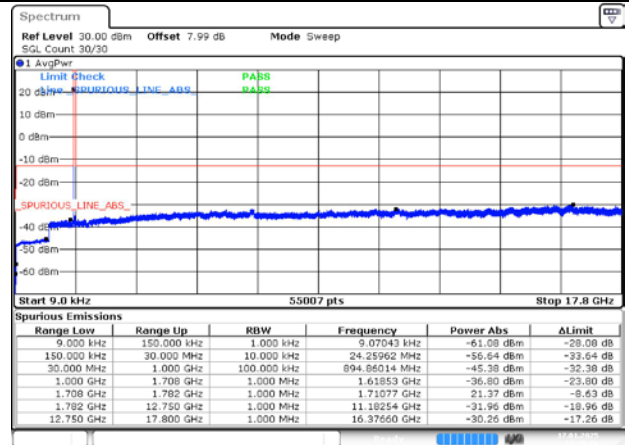
DC_7A_n66A / 15KHz / 40MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



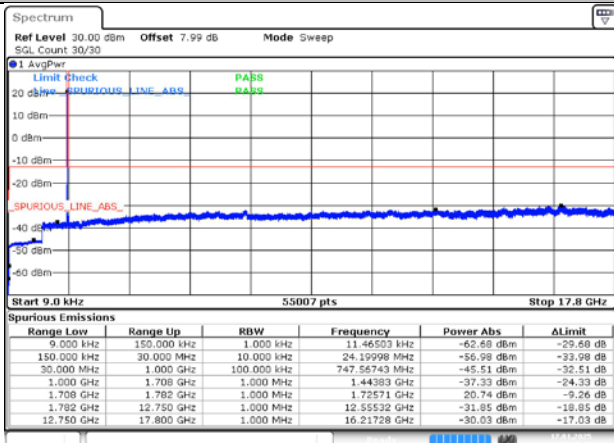
Date: 17.JAN.2025 17:29:12

LCH / DFT-QPSK / Edge_1RB_Left



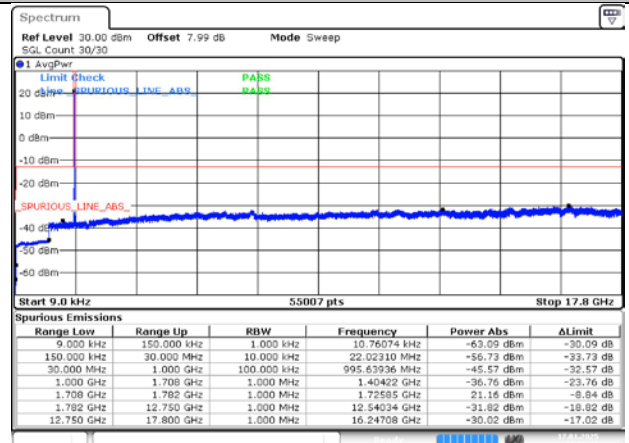
Date: 17.JAN.2025 17:29:28

MCH / DFT-Pi2BPSK / Edge_1RB_Left



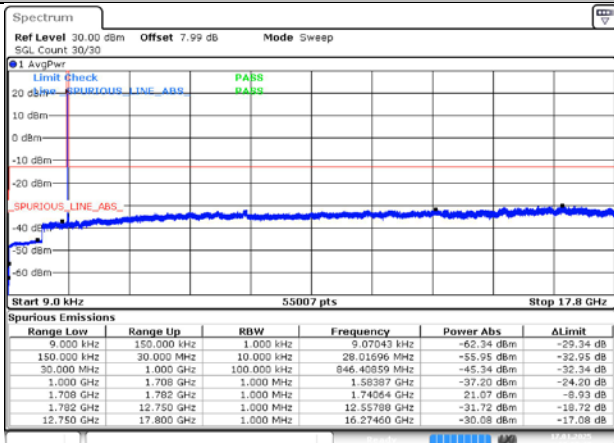
Date: 17.JAN.2025 17:29:44

MCH / DFT-QPSK / Edge_1RB_Left



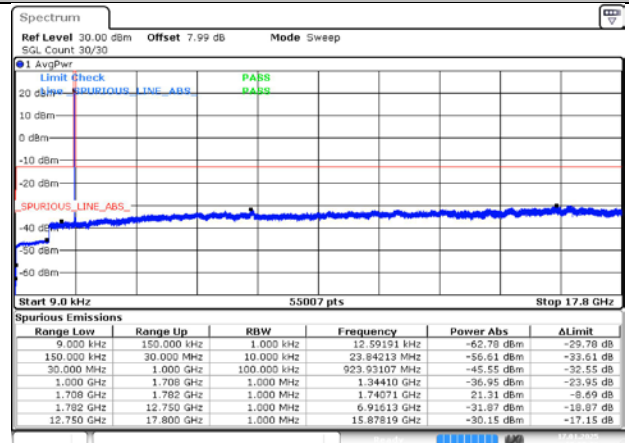
Date: 17.JAN.2025 17:30:00

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 17.JAN.2025 17:30:16

HCH / DFT-QPSK / Edge_1RB_Left



Date: 17.JAN.2025 17:30:32

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	40MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-0.30	-0.000172	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	2.10	0.001203	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-1.50	-0.000860	Pass

7.1.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	-1.90	-0.001089	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-3.70	-0.002120	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-0.90	-0.000516	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-2.60	-0.001490	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-2.60	-0.001490	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-1.90	-0.001089	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-1.20	-0.000688	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-3.50	-0.002006	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-1.00	-0.000573	Pass

The End