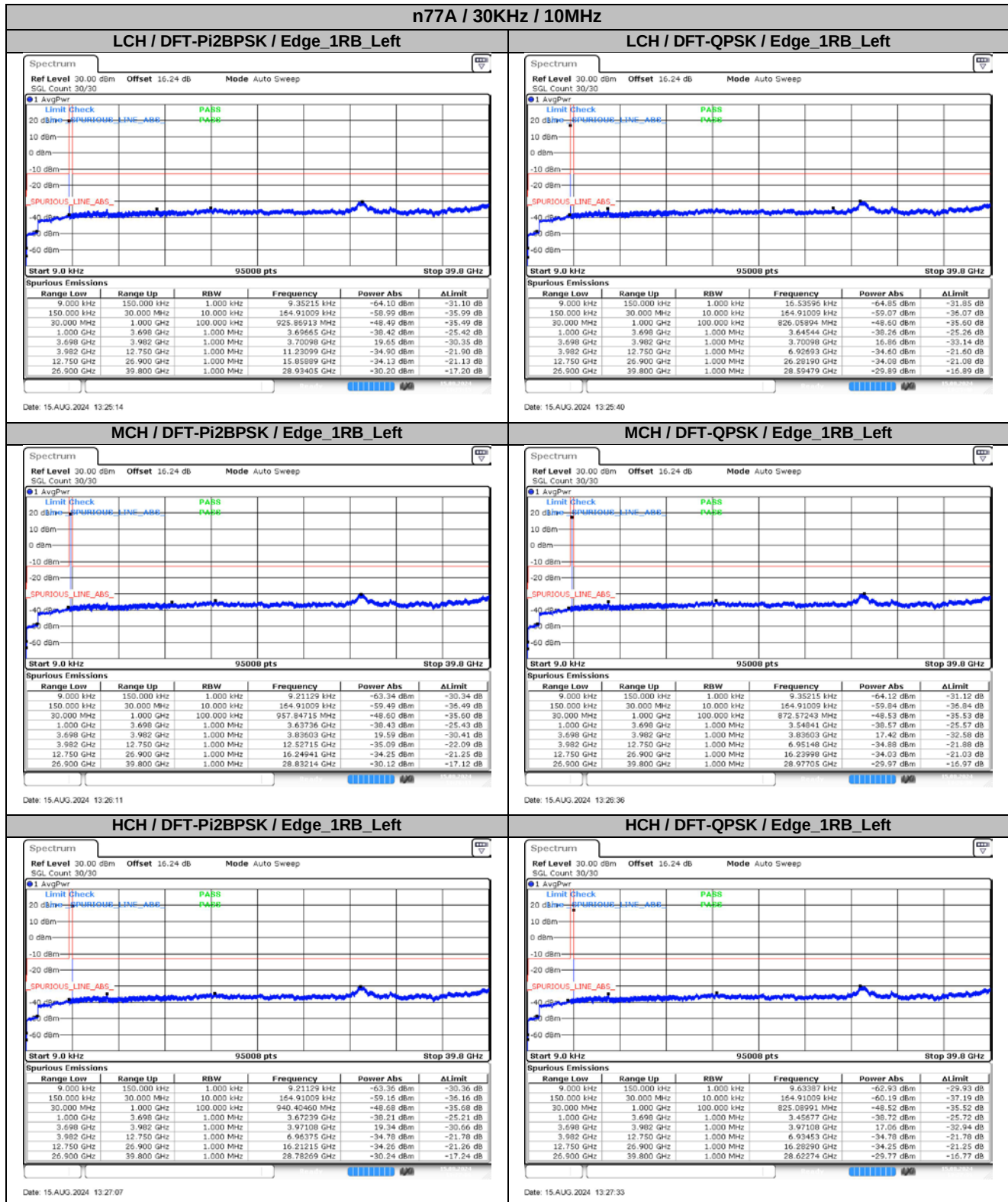


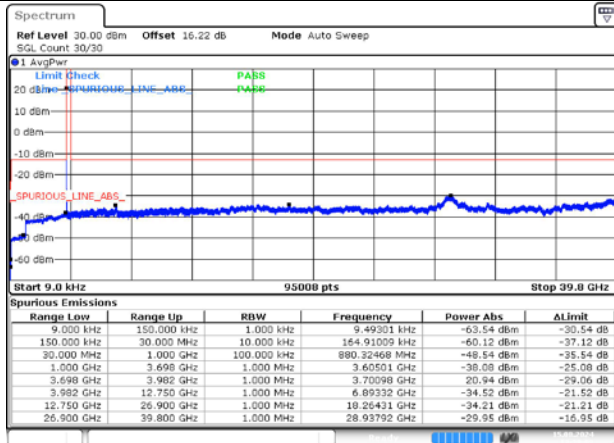
6. Conducted Spurious Emission

6.1. Test Plots



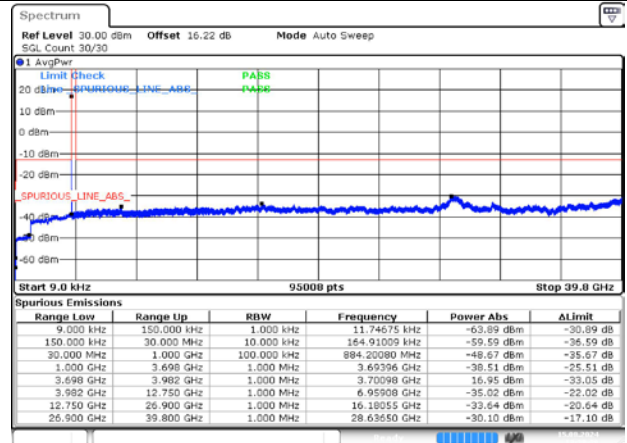
n77A / 30KHz / 15MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



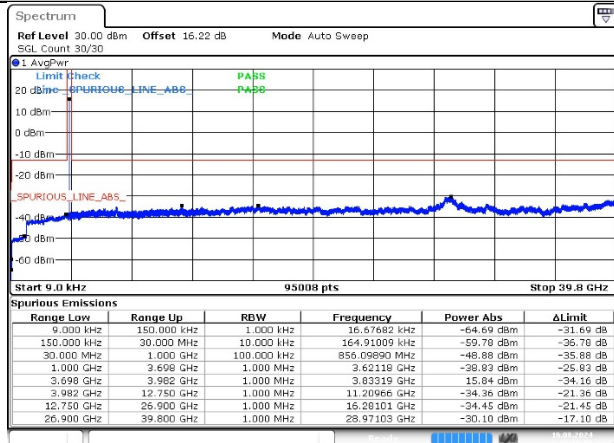
Date: 15.AUG.2024 13:28:02

LCH / DFT-QPSK / Edge_1RB_Left



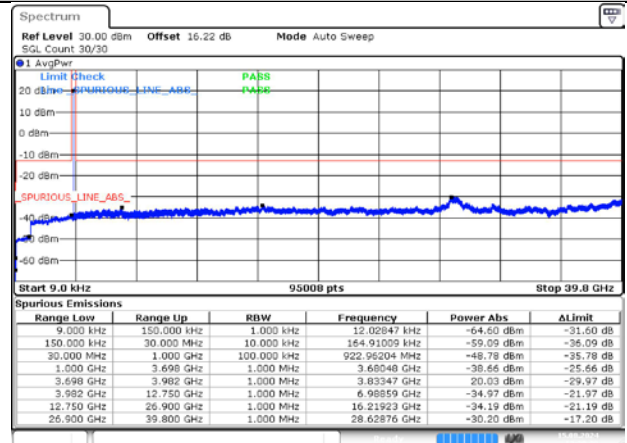
Date: 15.AUG.2024 13:28:26

MCH / DFT-Pi2BPSK / Edge_1RB_Left



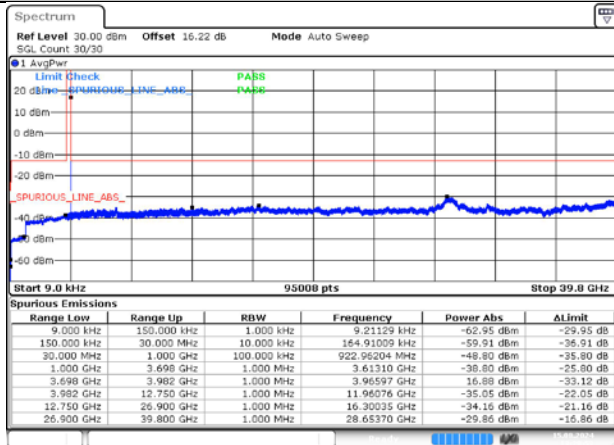
Date: 16.AUG.2024 15:59:01

MCH / DFT-QPSK / Edge_1RB_Left



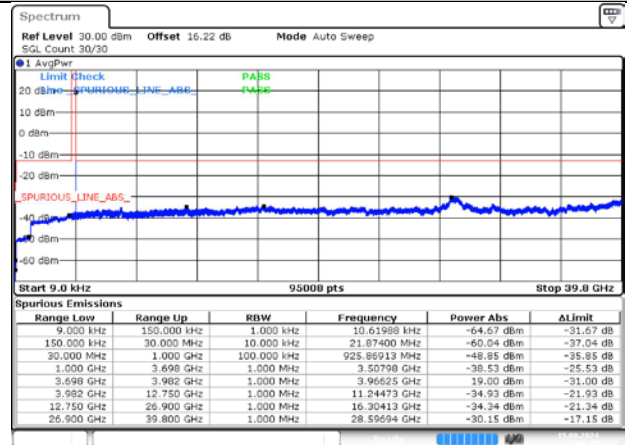
Date: 15.AUG.2024 13:29:23

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:29:52

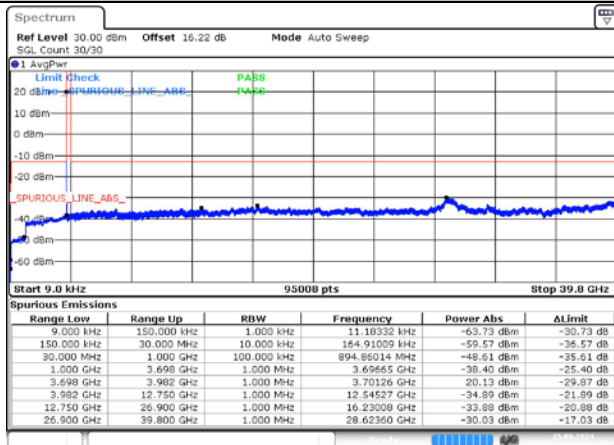
HCH / DFT-QPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:30:17

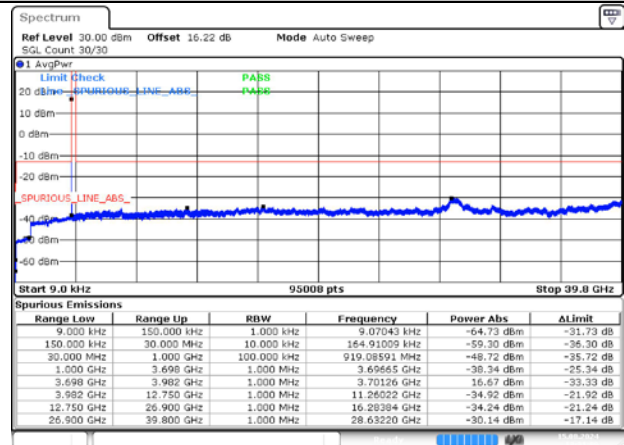
n77A / 30KHz / 20MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



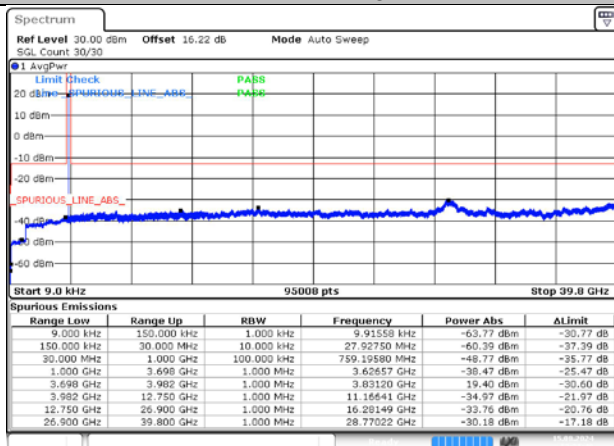
Date: 15.AUG.2024 13:30:44

LCH / DFT-QPSK / Edge_1RB_Left



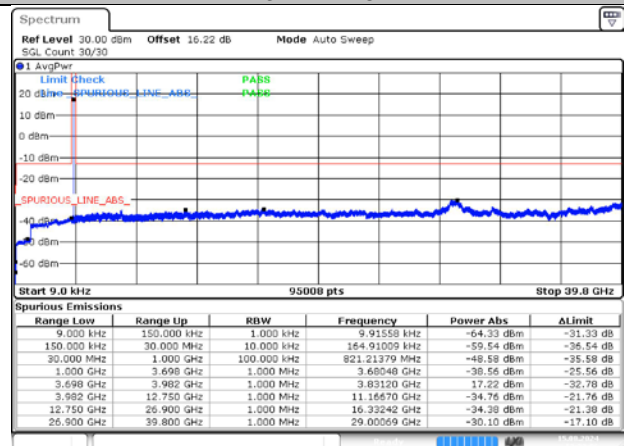
Date: 15.AUG.2024 13:31:09

MCH / DFT-Pi2BPSK / Edge_1RB_Left



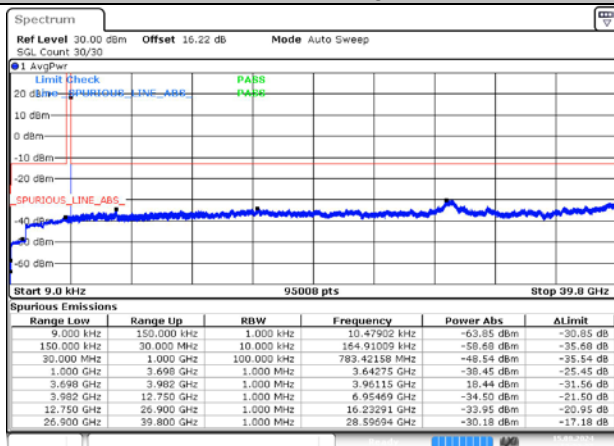
Date: 15.AUG.2024 13:31:40

MCH / DFT-QPSK / Edge_1RB_Left



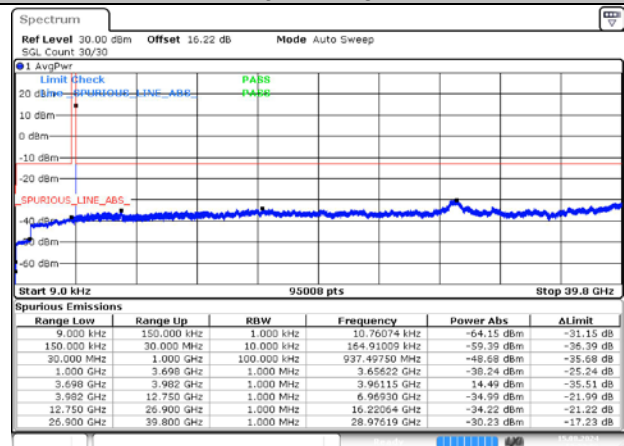
Date: 15.AUG.2024 13:32:06

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:32:37

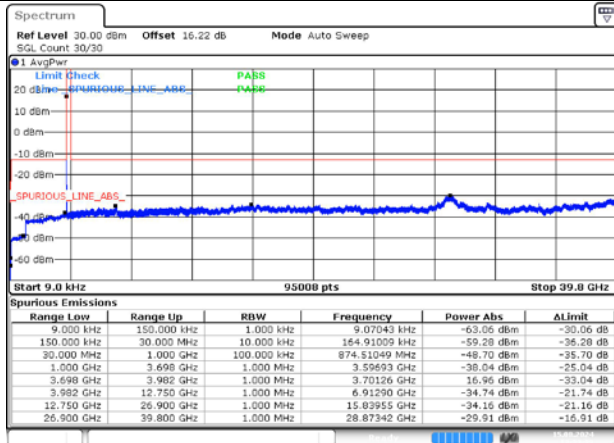
HCH / DFT-QPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:33:03

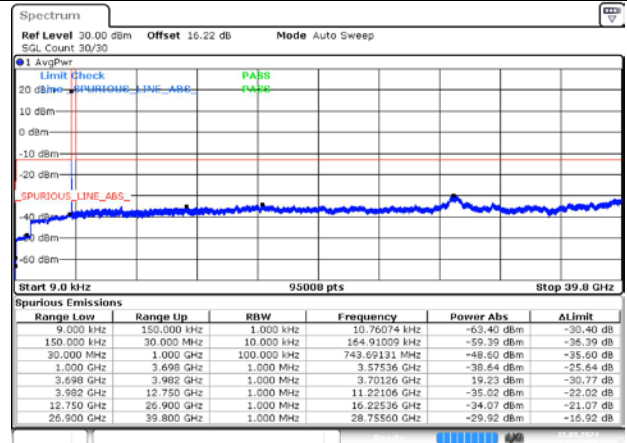
n77A / 30KHz / 30MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



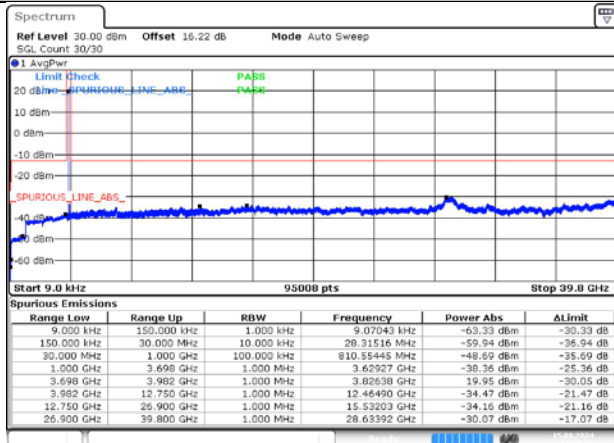
Date: 15.AUG.2024 13:33:33

LCH / DFT-QPSK / Edge_1RB_Left



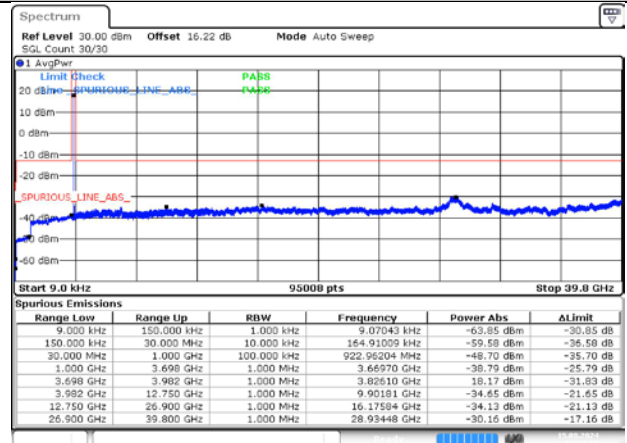
Date: 15.AUG.2024 13:33:56

MCH / DFT-Pi2BPSK / Edge_1RB_Left



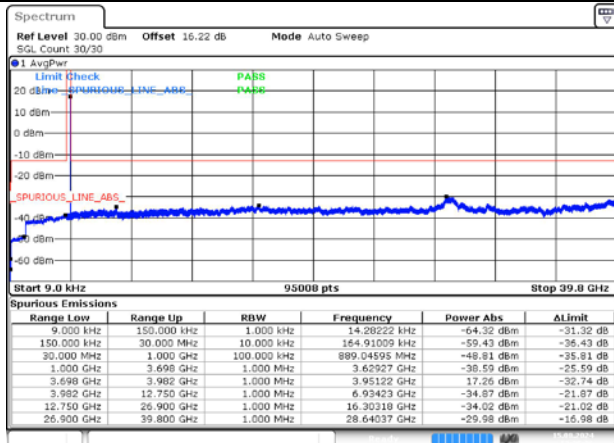
Date: 15.AUG.2024 13:34:30

MCH / DFT-QPSK / Edge_1RB_Left



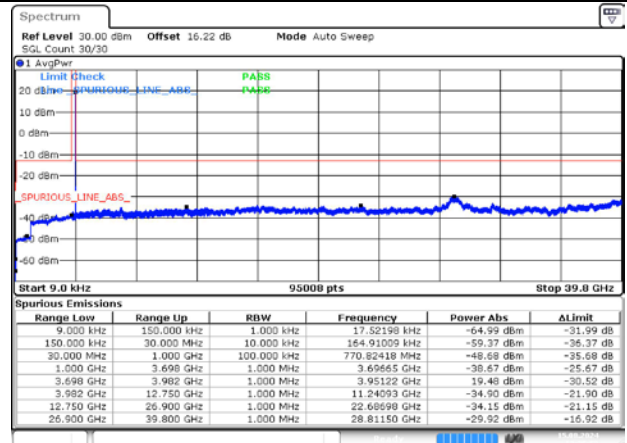
Date: 15.AUG.2024 13:34:55

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:35:26

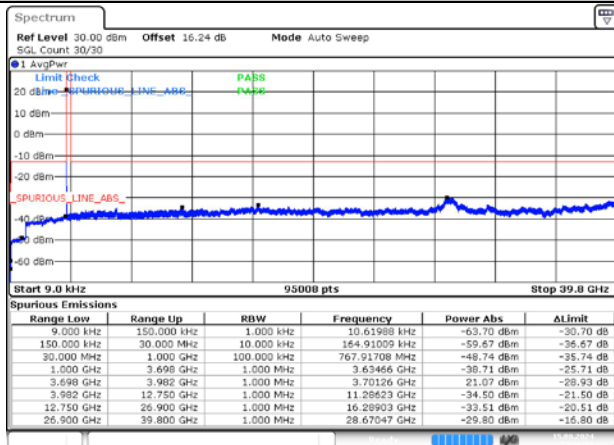
HCH / DFT-QPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:35:52

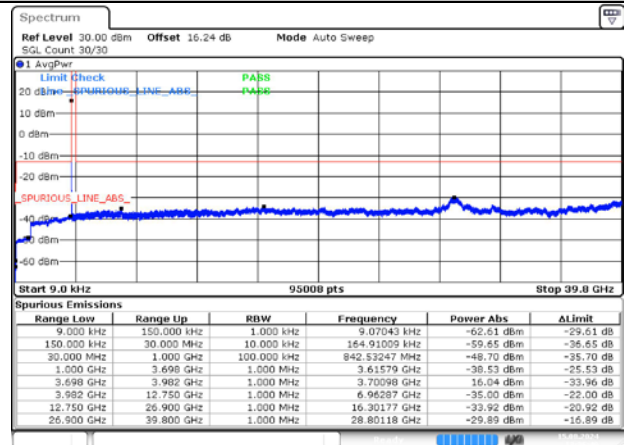
n77A / 30KHz / 40MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



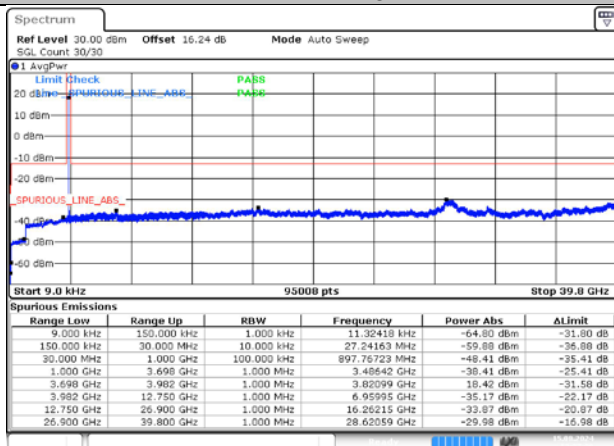
Date: 15.AUG.2024 13:36:22

LCH / DFT-QPSK / Edge_1RB_Left



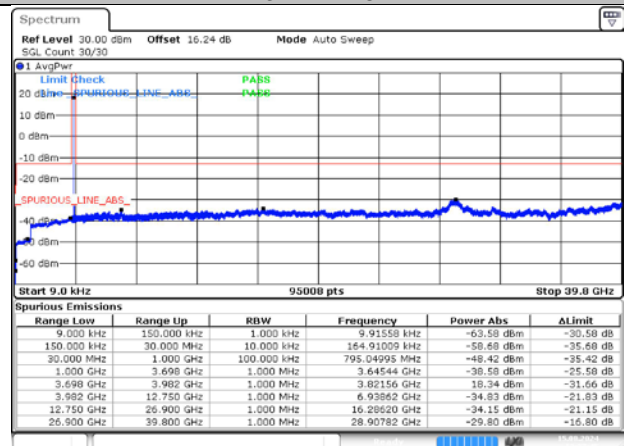
Date: 15.AUG.2024 13:36:48

MCH / DFT-Pi2BPSK / Edge_1RB_Left



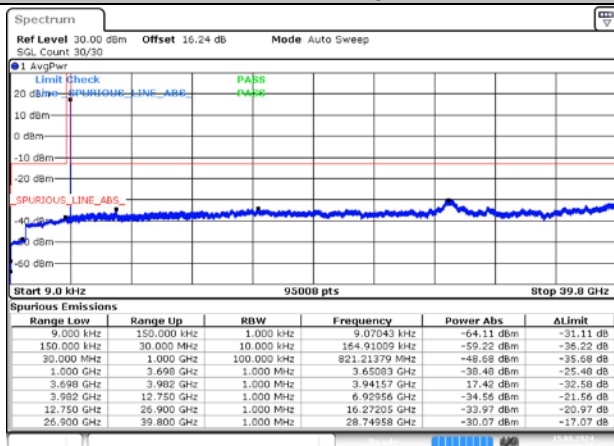
Date: 15.AUG.2024 13:37:19

MCH / DFT-QPSK / Edge_1RB_Left



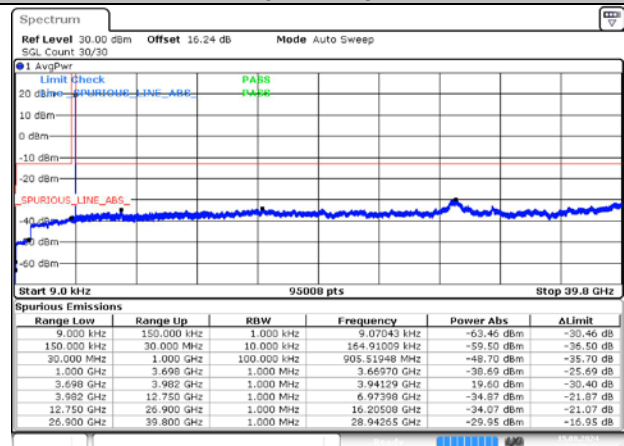
Date: 15.AUG.2024 13:37:45

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:38:16

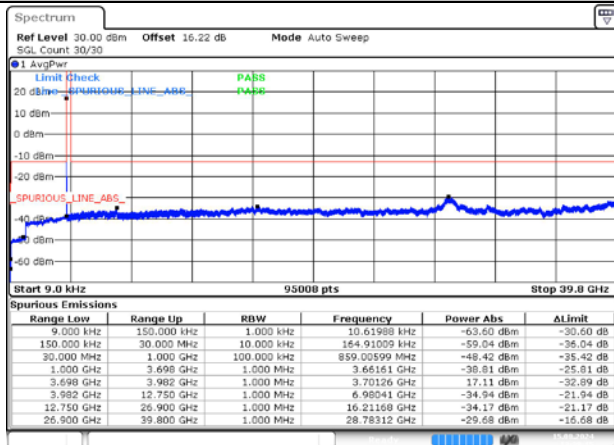
HCH / DFT-QPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:38:41

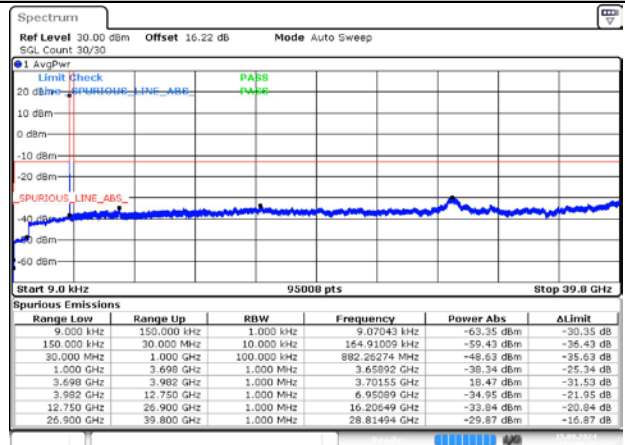
n77A / 30KHz / 50MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



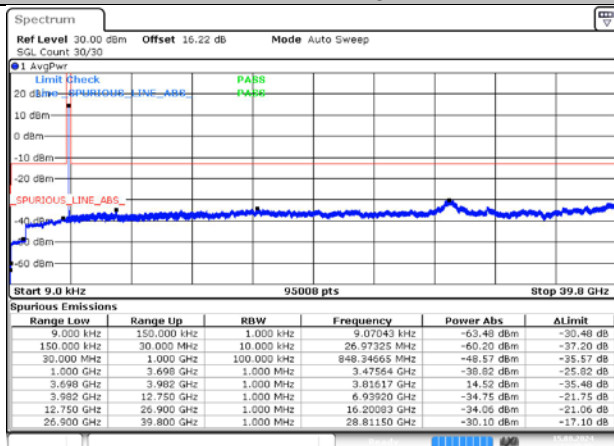
Date: 15.AUG.2024 13:39:14

LCH / DFT-QPSK / Edge_1RB_Left



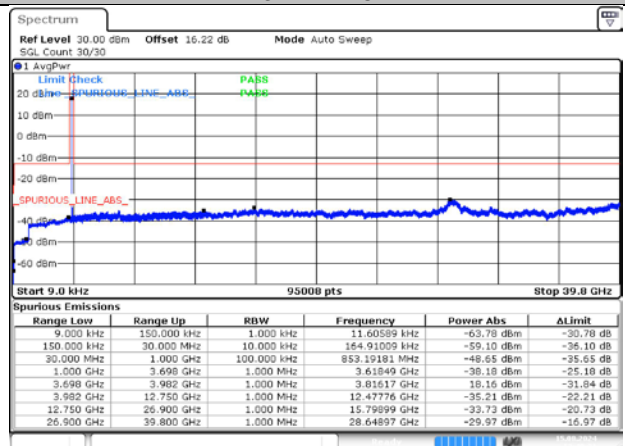
Date: 15.AUG.2024 13:39:39

MCH / DFT-Pi2BPSK / Edge_1RB_Left



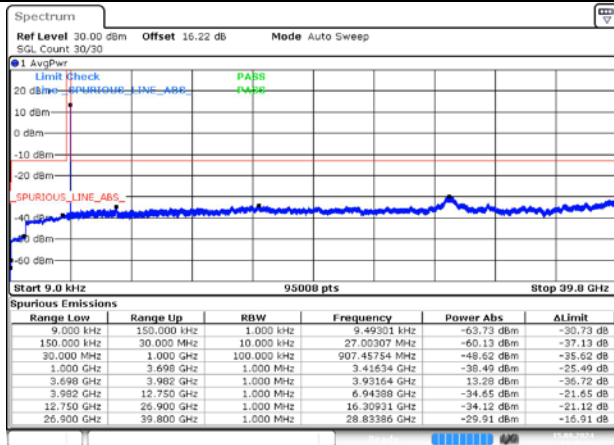
Date: 15.AUG.2024 13:40:05

MCH / DFT-QPSK / Edge_1RB_Left



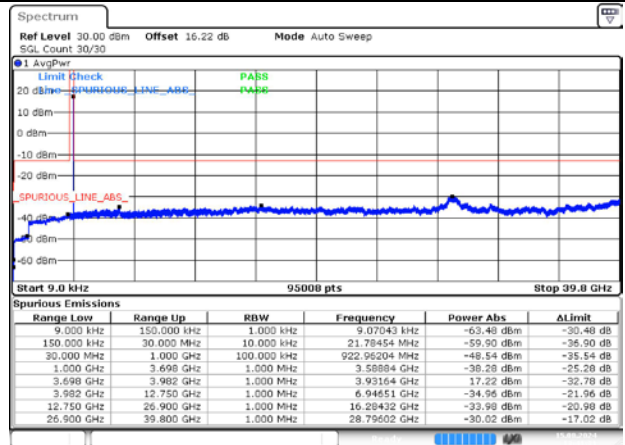
Date: 15.AUG.2024 13:40:30

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:40:56

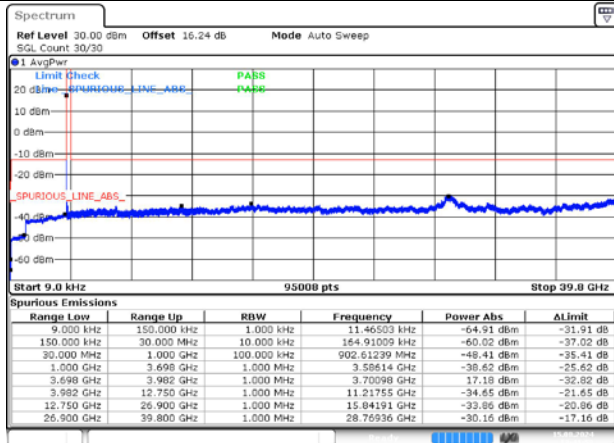
HCH / DFT-QPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:41:21

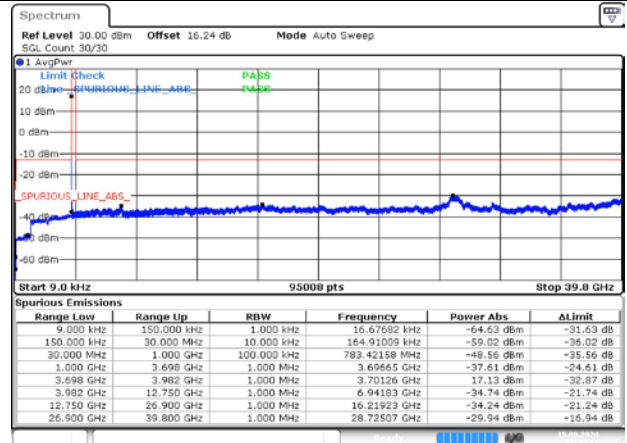
n77A / 30KHz / 60MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



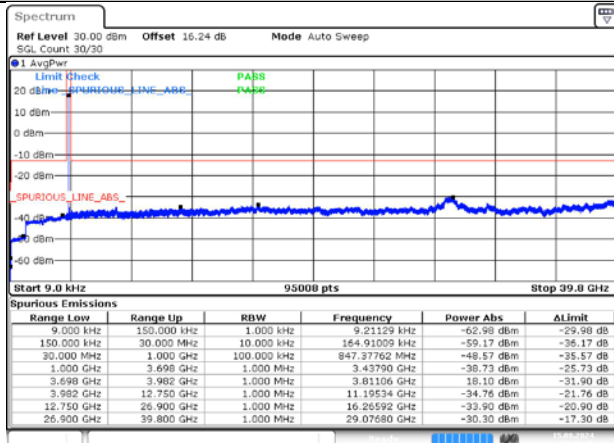
Date: 15.AUG.2024 13:41:51

LCH / DFT-QPSK / Edge_1RB_Left



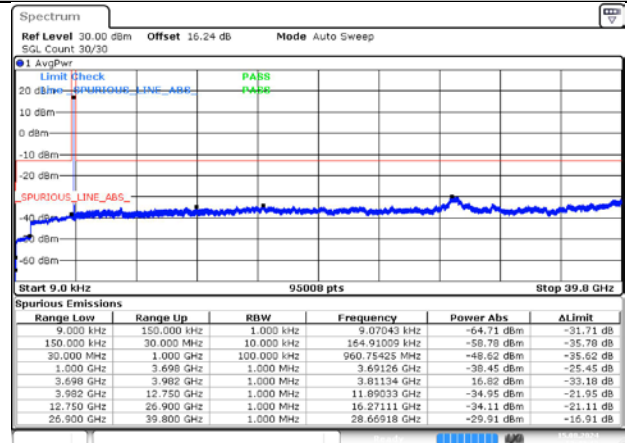
Date: 15.AUG.2024 13:42:17

MCH / DFT-Pi2BPSK / Edge_1RB_Left



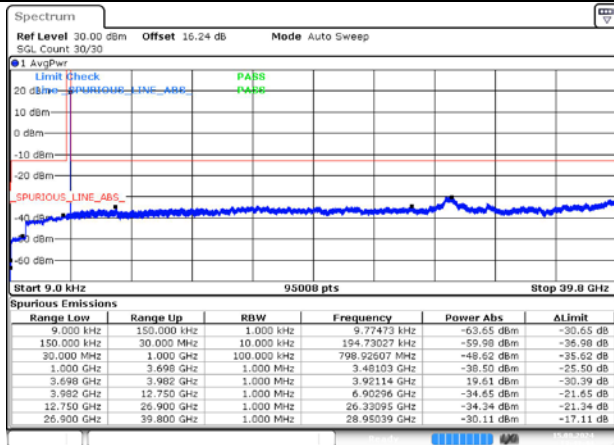
Date: 15.AUG.2024 13:42:47

MCH / DFT-QPSK / Edge_1RB_Left



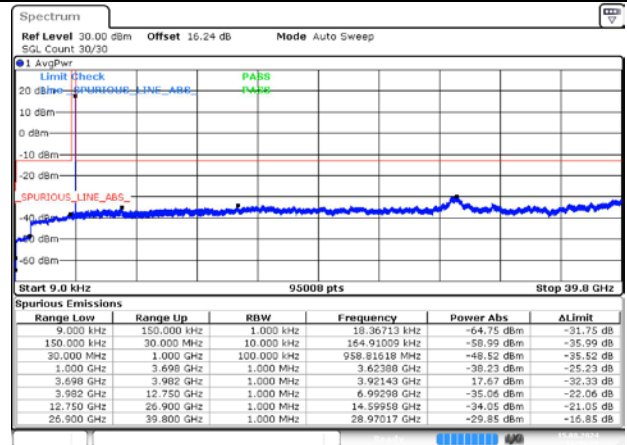
Date: 15.AUG.2024 13:43:13

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:43:44

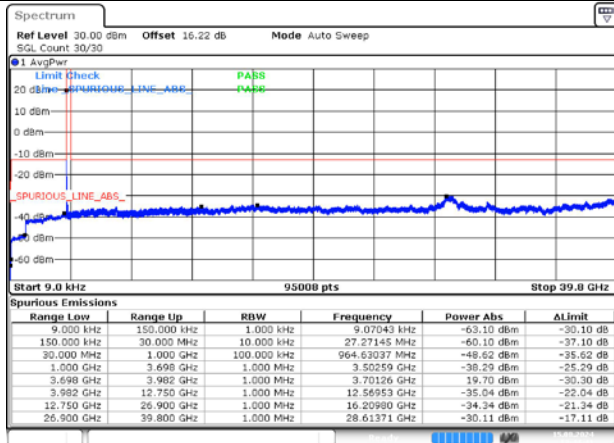
HCH / DFT-QPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:44:09

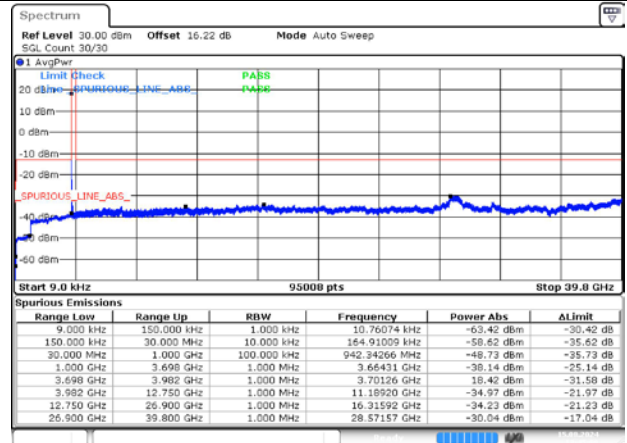
n77A / 30KHz / 70MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



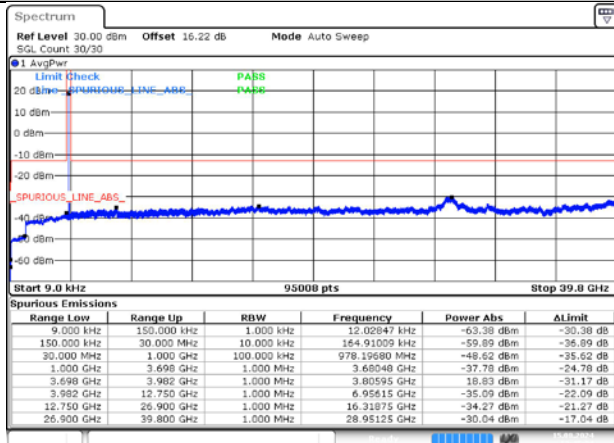
Date: 15.AUG.2024 13:44:41

LCH / DFT-QPSK / Edge_1RB_Left



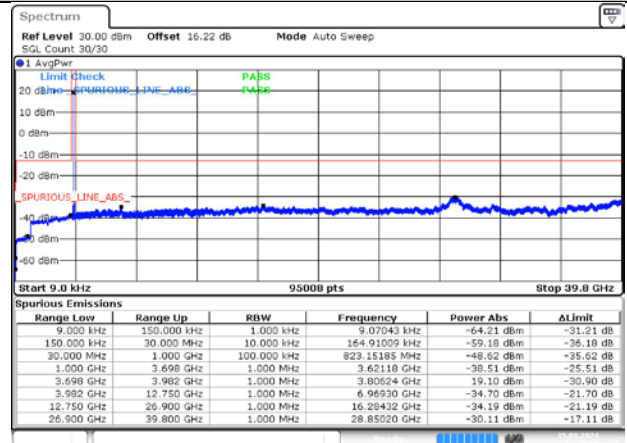
Date: 15.AUG.2024 13:45:07

MCH / DFT-Pi2BPSK / Edge_1RB_Left



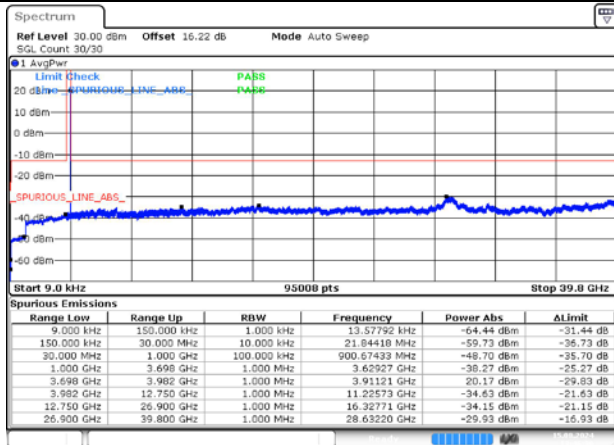
Date: 15.AUG.2024 13:45:33

MCH / DFT-QPSK / Edge_1RB_Left



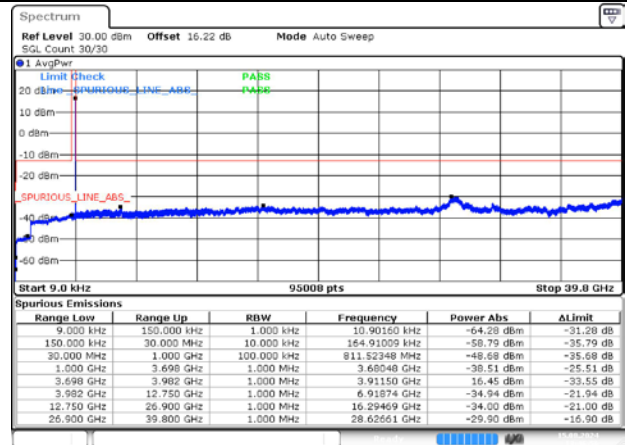
Date: 15.AUG.2024 13:45:59

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:46:30

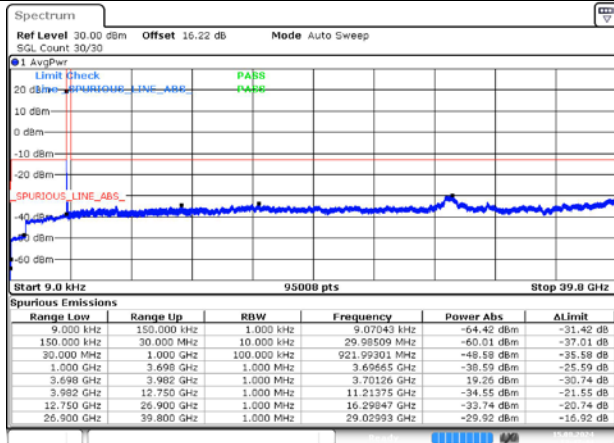
HCH / DFT-QPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:46:56

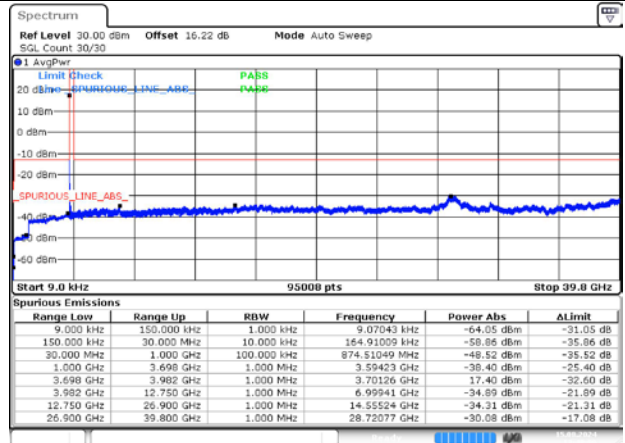
n77A / 30KHz / 80MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



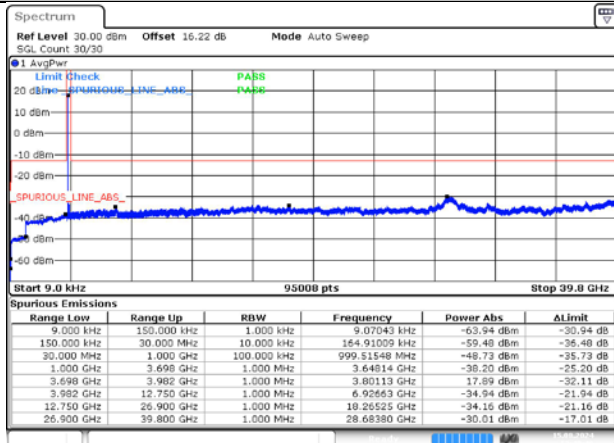
Date: 15.AUG.2024 13:47:43

LCH / DFT-QPSK / Edge_1RB_Left



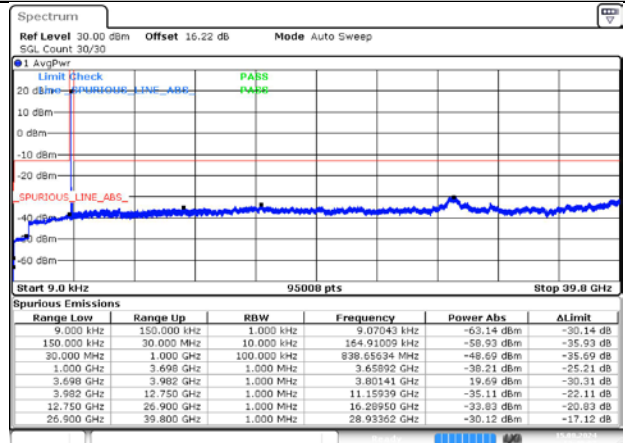
Date: 15.AUG.2024 13:48:09

MCH / DFT-Pi2BPSK / Edge_1RB_Left



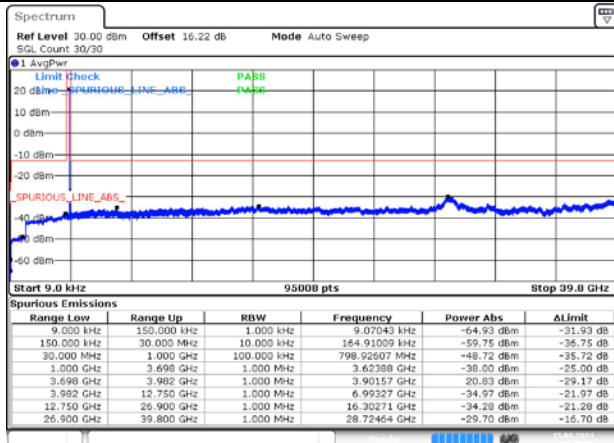
Date: 15.AUG.2024 13:48:41

MCH / DFT-QPSK / Edge_1RB_Left



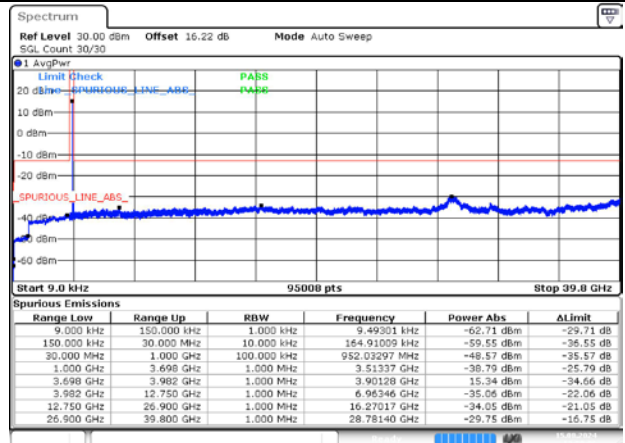
Date: 15.AUG.2024 13:49:06

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:49:39

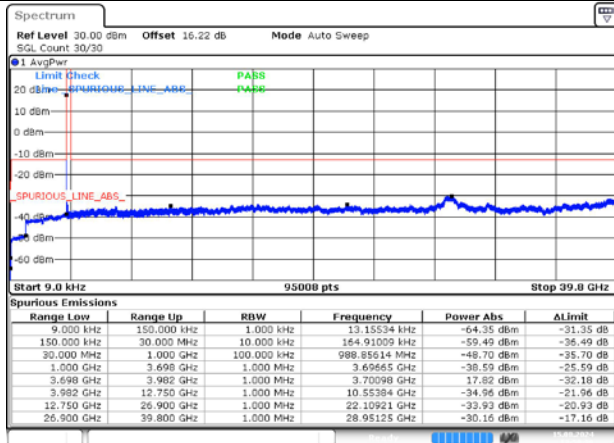
HCH / DFT-QPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:50:05

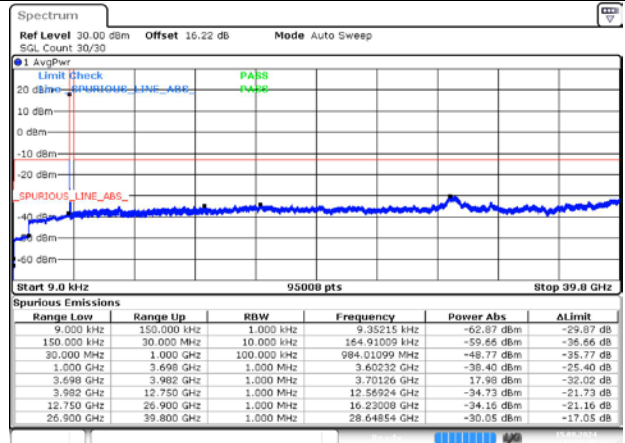
n77A / 30KHz / 90MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



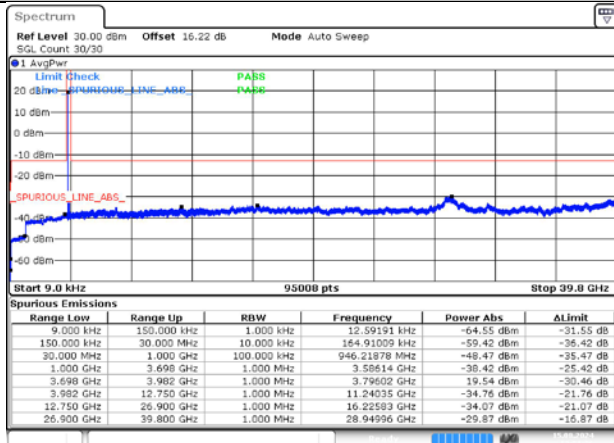
Date: 15.AUG.2024 13:50:38

LCH / DFT-QPSK / Edge_1RB_Left



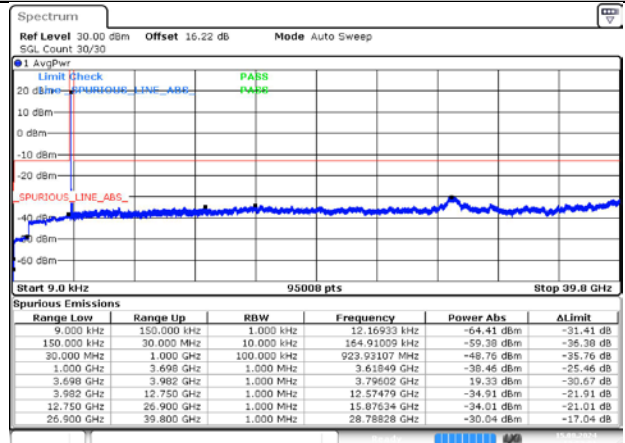
Date: 15.AUG.2024 13:51:04

MCH / DFT-Pi2BPSK / Edge_1RB_Left



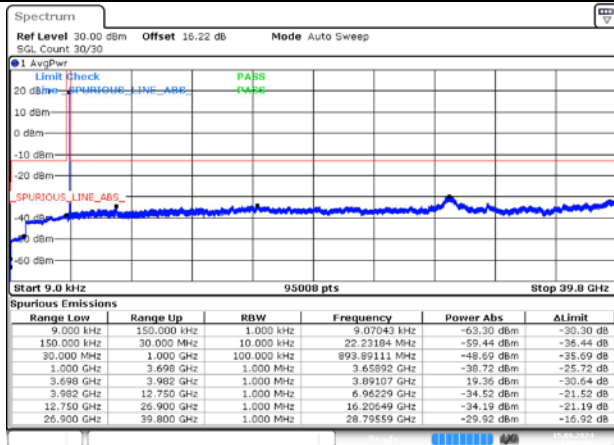
Date: 15.AUG.2024 13:51:36

MCH / DFT-QPSK / Edge_1RB_Left



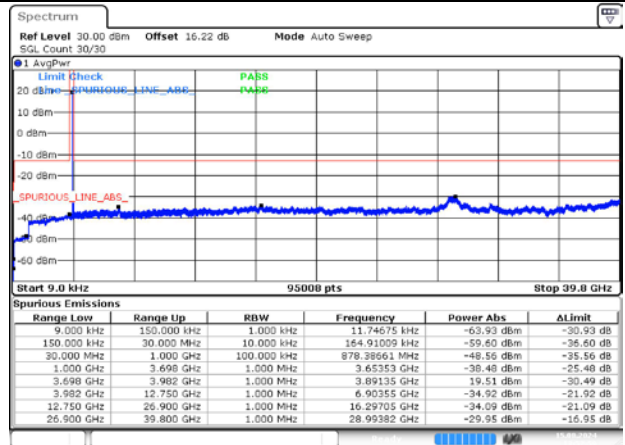
Date: 15.AUG.2024 13:52:01

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 15.AUG.2024 13:52:33

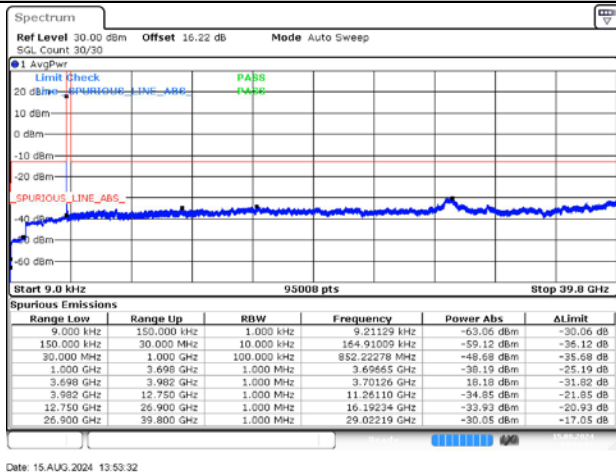
HCH / DFT-QPSK / Edge_1RB_Left



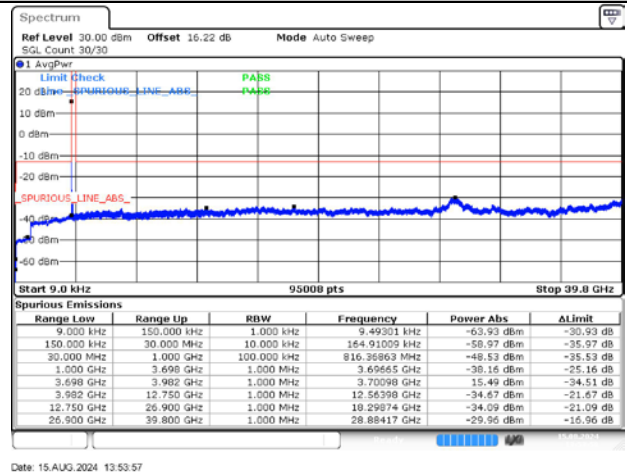
Date: 15.AUG.2024 13:52:59

n77A / 30KHz / 100MHz

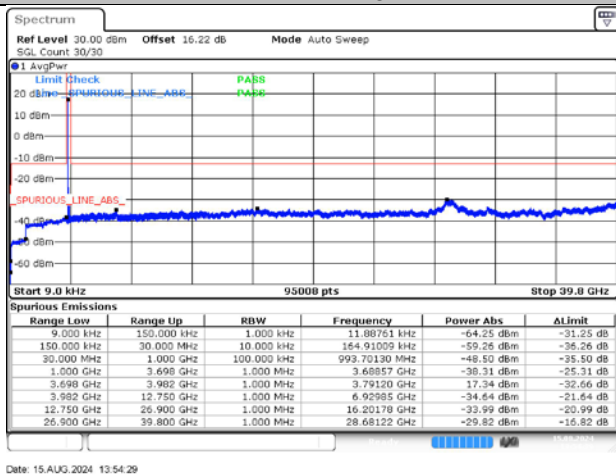
LCH / DFT-Pi2BPSK / Edge_1RB_Left



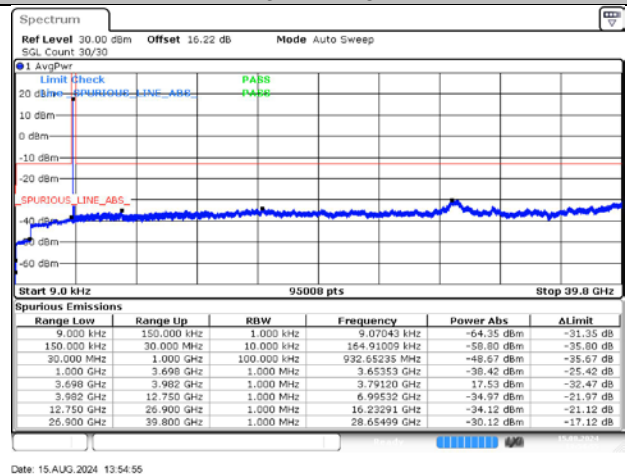
LCH / DFT-QPSK / Edge_1RB_Left



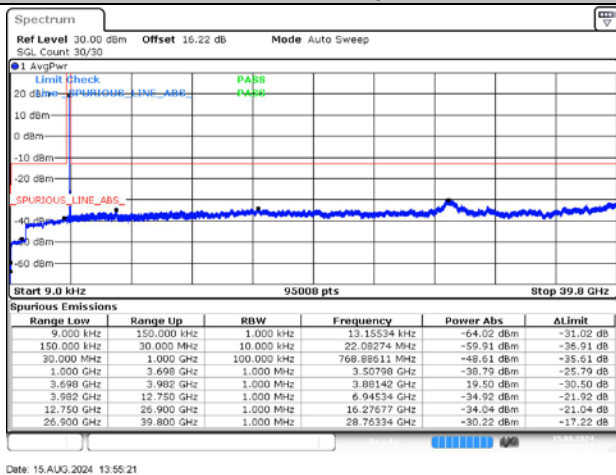
MCH / DFT-Pi2BPSK / Edge_1RB_Left



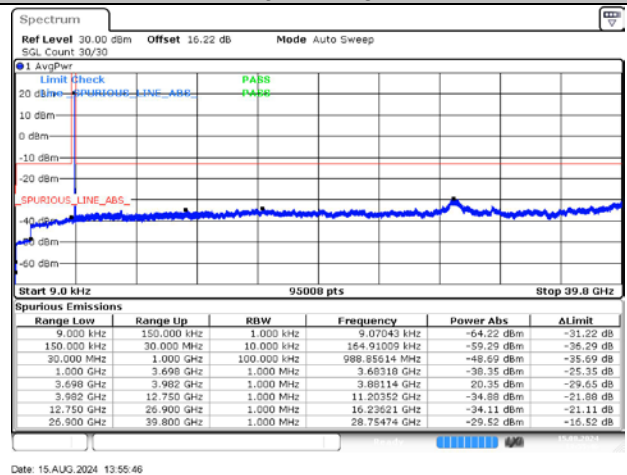
MCH / DFT-QPSK / Edge_1RB_Left



HCH / DFT-Pi2BPSK / Edge_1RB_Left



HCH / DFT-QPSK / Edge_1RB_Left



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	-15.70	-0.004089	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-4.60	-0.001198	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-9.60	-0.002500	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	-0.30	-0.000078	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-8.40	-0.002188	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-4.80	-0.001250	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-9.30	-0.002422	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	2.40	0.000625	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-14.90	-0.003880	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-8.50	-0.002214	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-4.10	-0.001068	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-11.60	-0.003021	Pass

The End