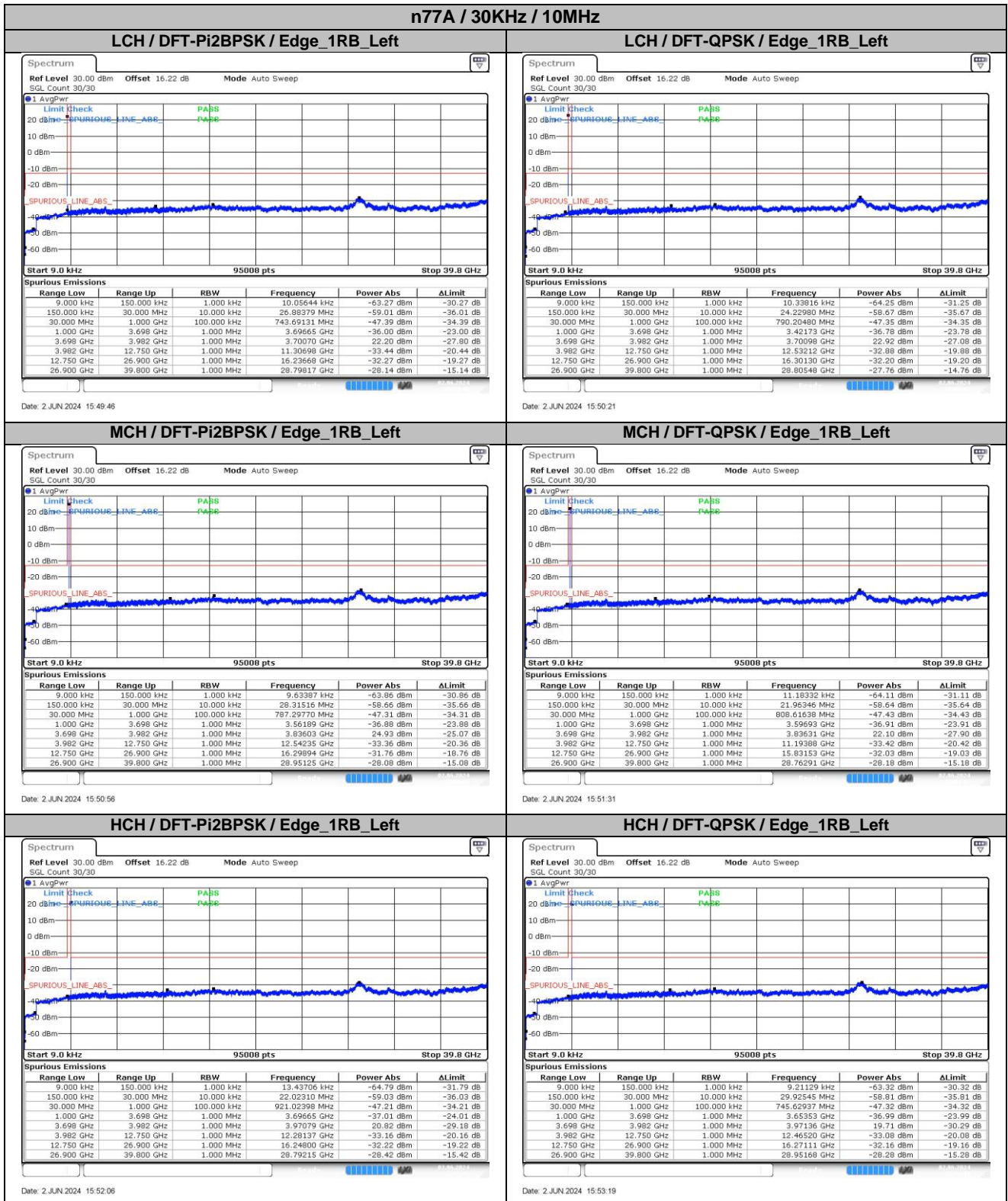


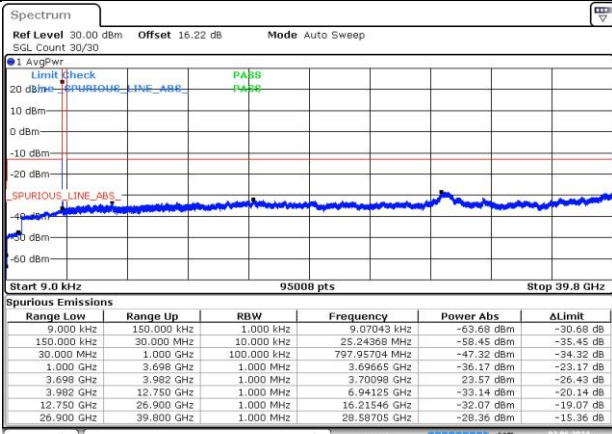
6. Conducted Spurious Emission

6.1. Test Plots



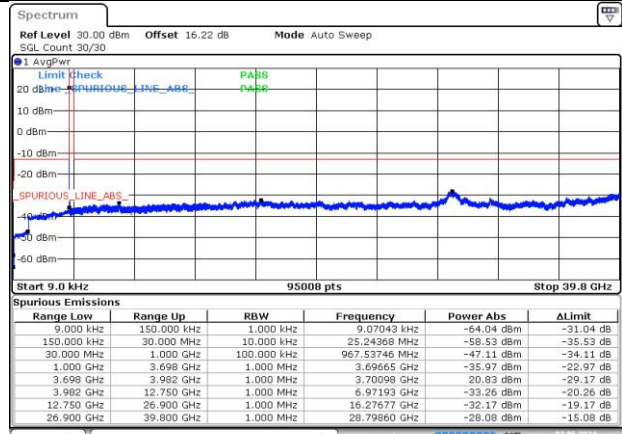
n77A / 30KHz / 15MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



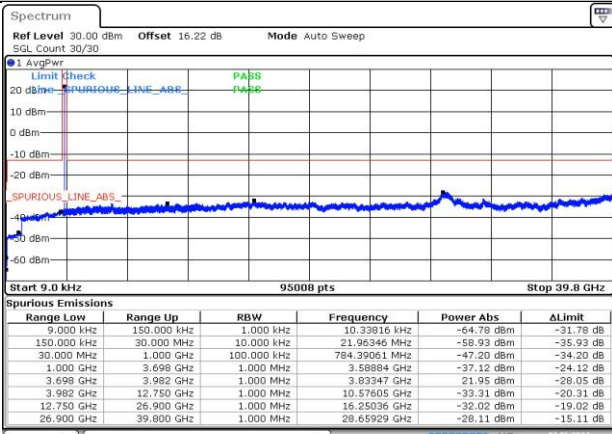
Date: 2 JUN 2024 15:53:55

LCH / DFT-QPSK / Edge_1RB_Left



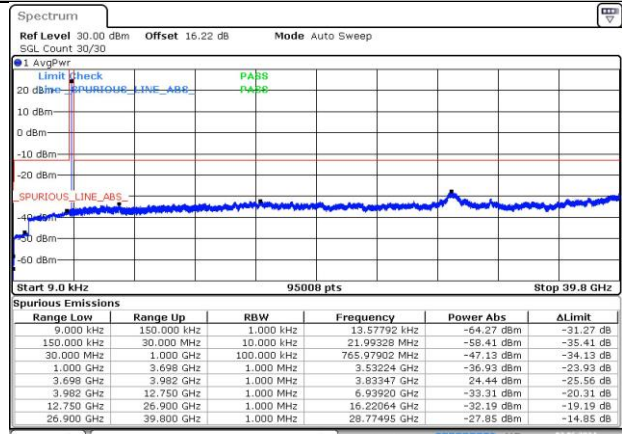
Date: 2 JUN 2024 15:54:30

MCH / DFT-Pi2BPSK / Edge_1RB_Left



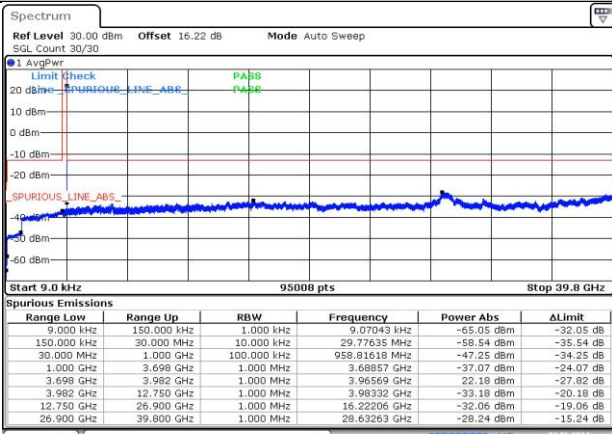
Date: 2 JUN 2024 15:55:05

MCH / DFT-QPSK / Edge_1RB_Left



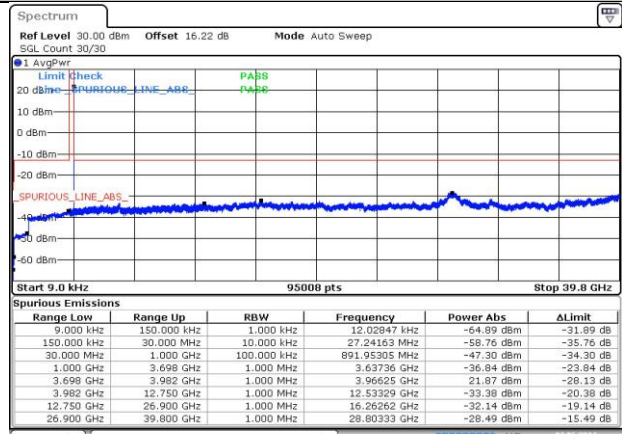
Date: 2 JUN 2024 15:55:39

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 2 JUN 2024 15:56:52

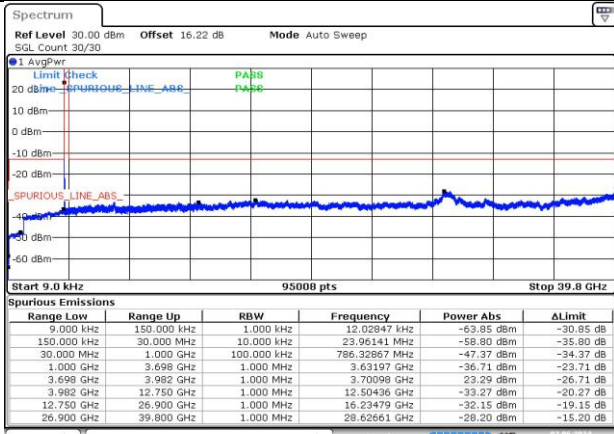
HCH / DFT-QPSK / Edge_1RB_Left



Date: 2 JUN 2024 15:57:27

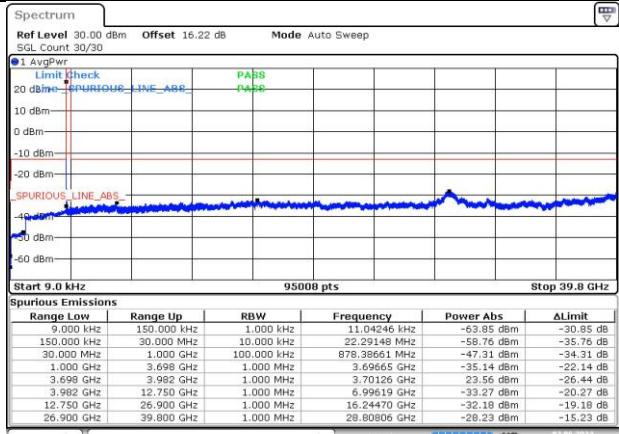
n77A / 30KHz / 20MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



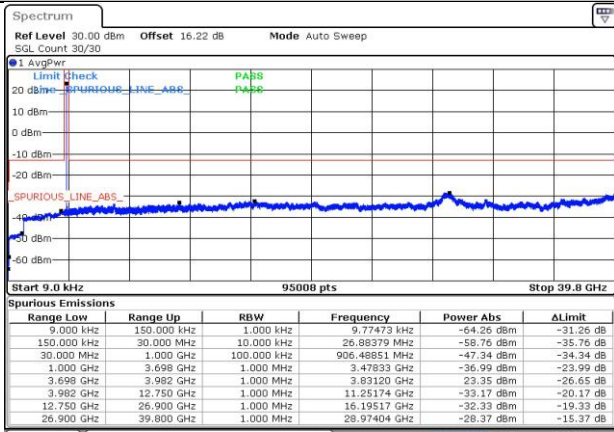
Date: 2 JUN 2024 15:58:04

LCH / DFT-QPSK / Edge_1RB_Left



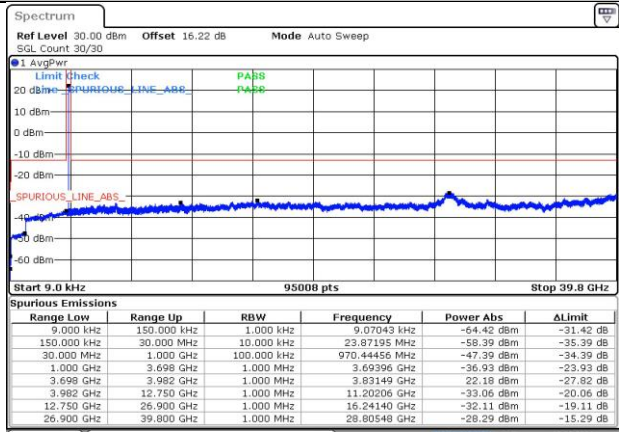
Date: 2 JUN 2024 15:58:39

MCH / DFT-Pi2BPSK / Edge_1RB_Left



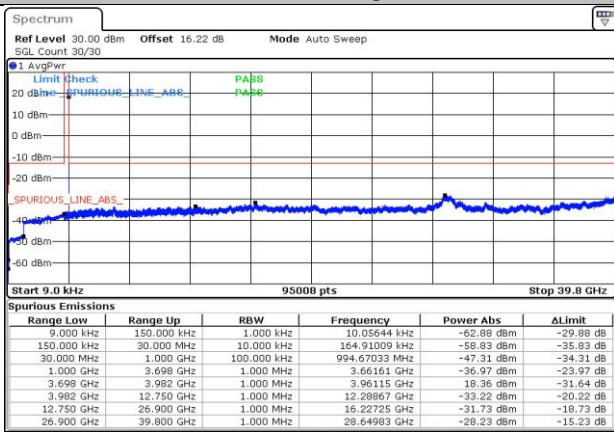
Date: 2 JUN 2024 15:59:13

MCH / DFT-QPSK / Edge_1RB_Left



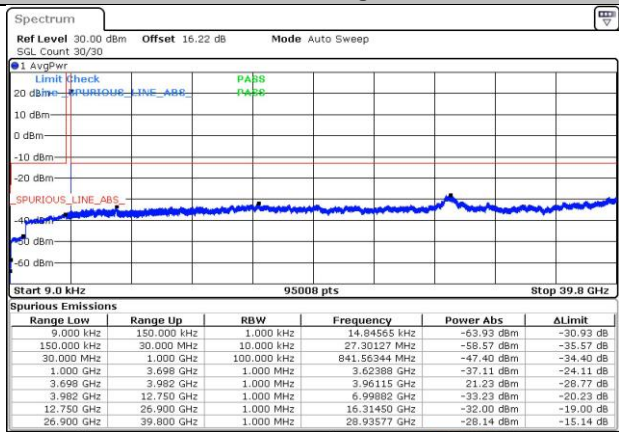
Date: 2 JUN 2024 16:00:02

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 2 JUN 2024 16:00:36

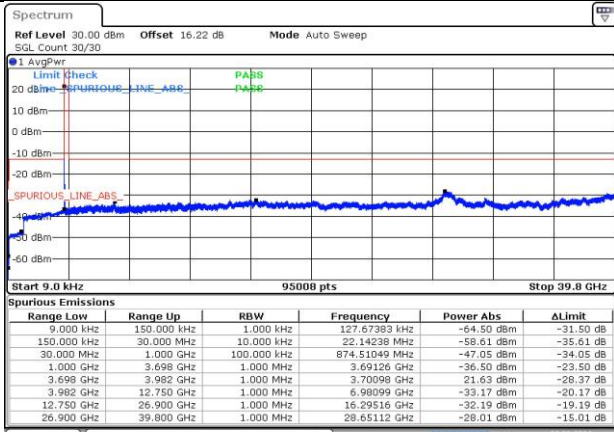
HCH / DFT-QPSK / Edge_1RB_Left



Date: 2 JUN 2024 16:01:11

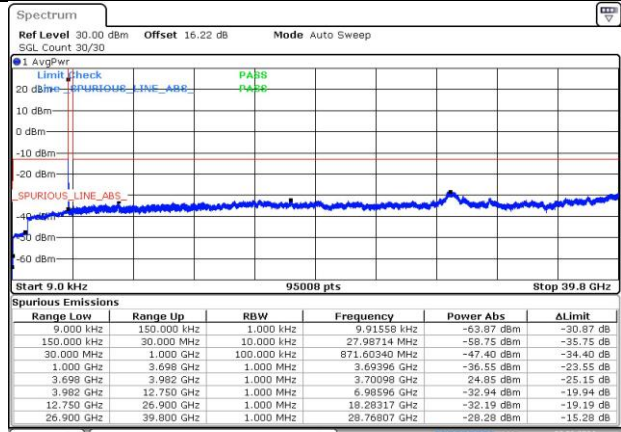
n77A / 30KHz / 25MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



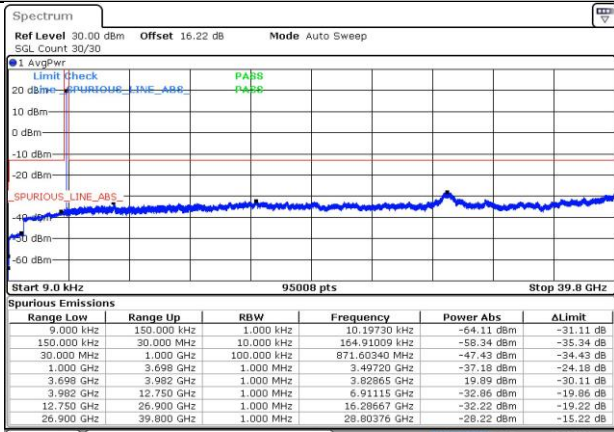
Date: 2 JUN 2024 16:01:47

LCH / DFT-QPSK / Edge_1RB_Left



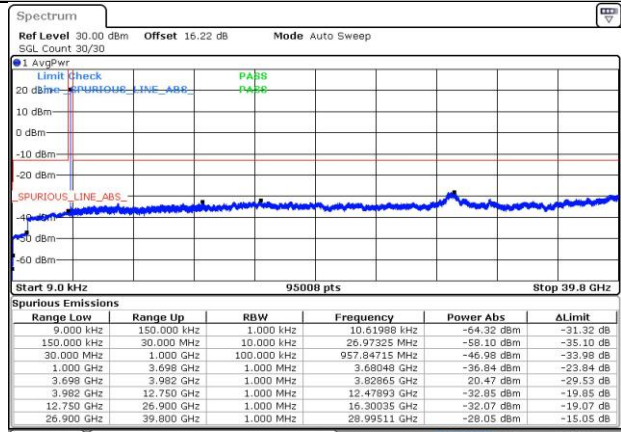
Date: 2 JUN 2024 16:02:22

MCH / DFT-Pi2BPSK / Edge_1RB_Left



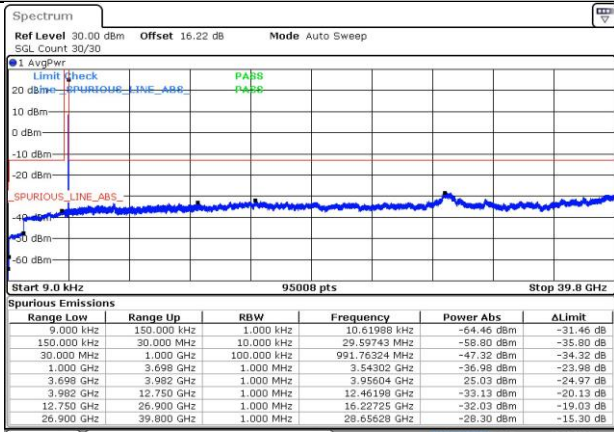
Date: 2 JUN 2024 16:03:35

MCH / DFT-QPSK / Edge_1RB_Left



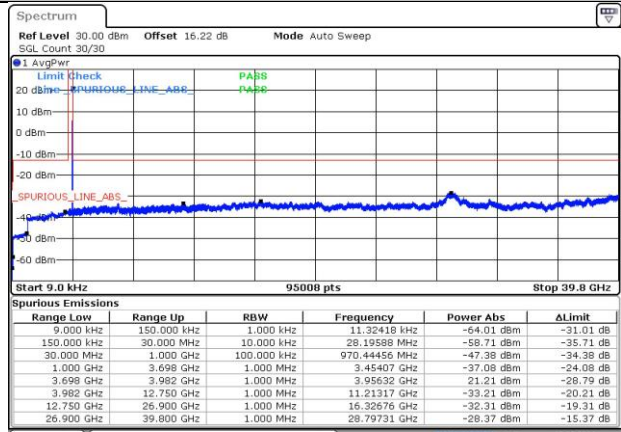
Date: 2 JUN 2024 16:04:09

HCH / DFT-Pi2BPSK / Edge_1RB_Left

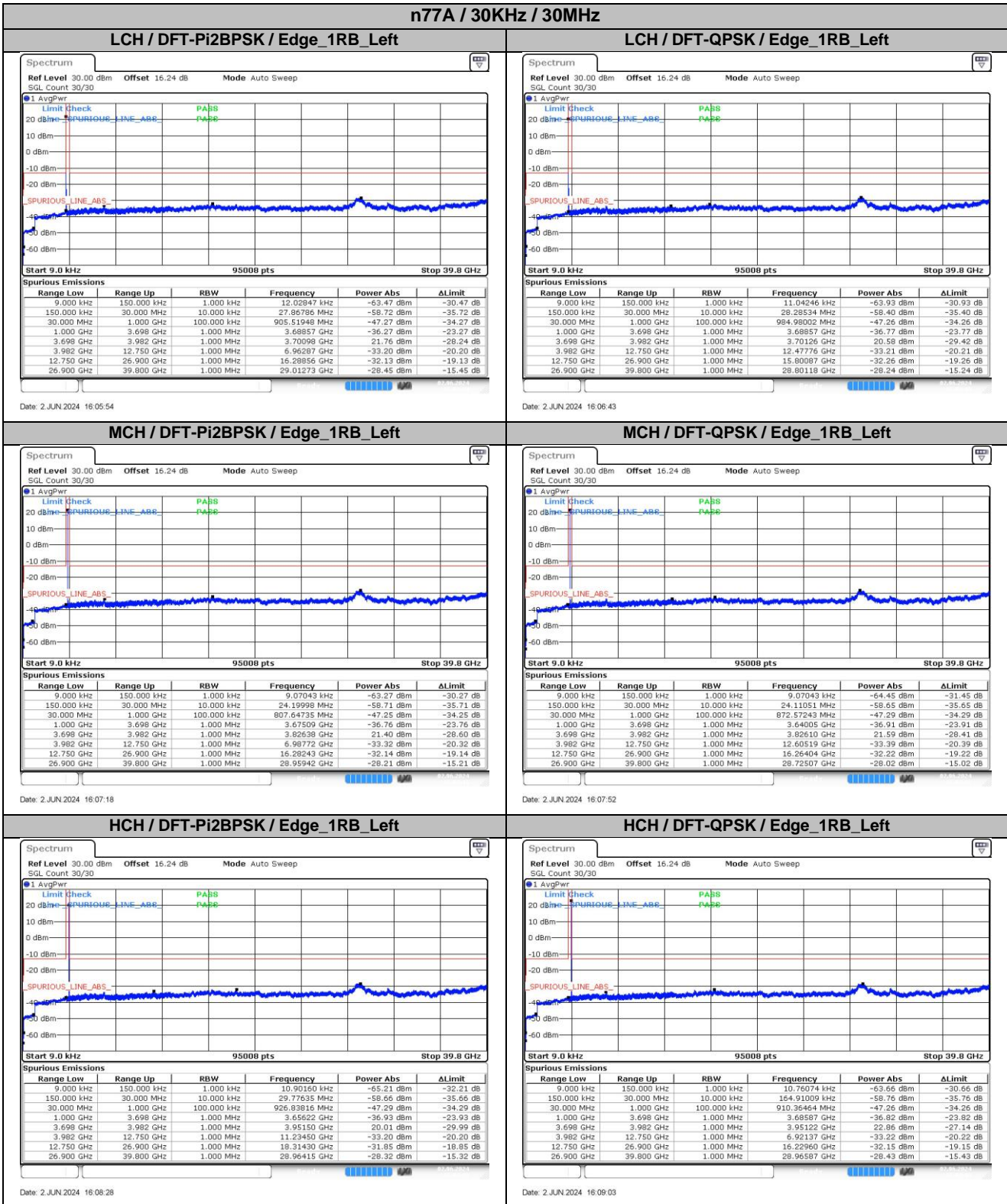


Date: 2 JUN 2024 16:04:44

HCH / DFT-QPSK / Edge_1RB_Left

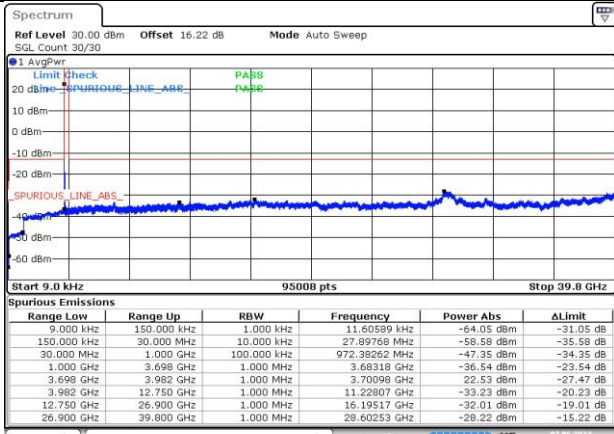


Date: 2 JUN 2024 16:05:19



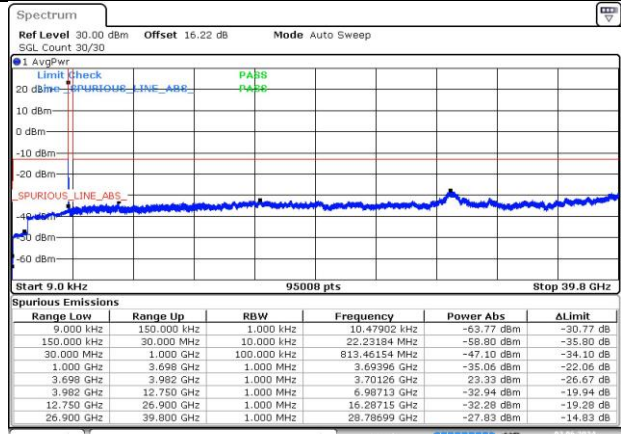
n77A / 30KHz / 40MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



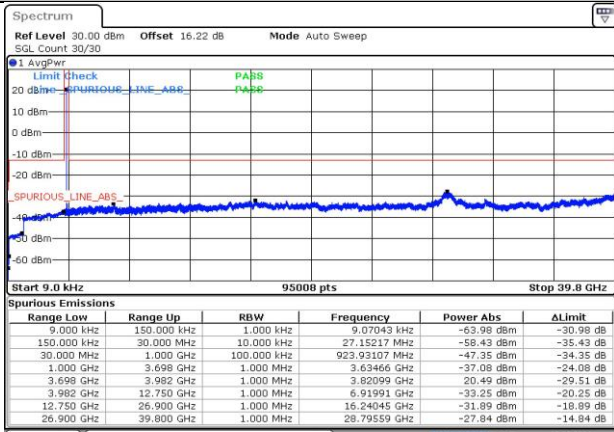
Date: 2 JUN 2024 16:09:54

LCH / DFT-QPSK / Edge_1RB_Left



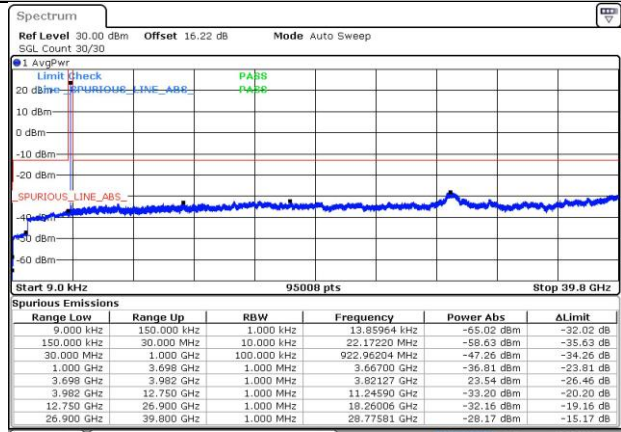
Date: 2 JUN 2024 16:10:28

MCH / DFT-Pi2BPSK / Edge_1RB_Left



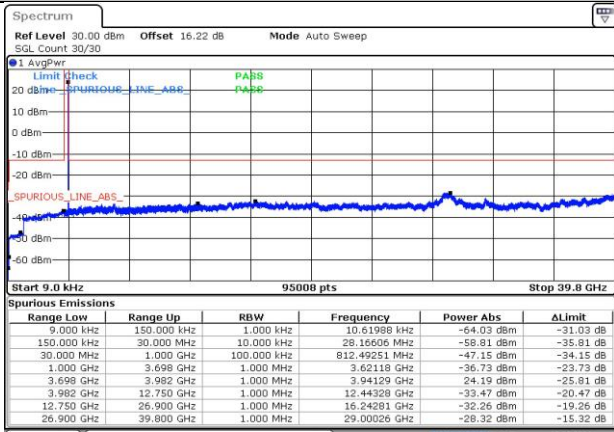
Date: 2 JUN 2024 16:11:01

MCH / DFT-QPSK / Edge_1RB_Left



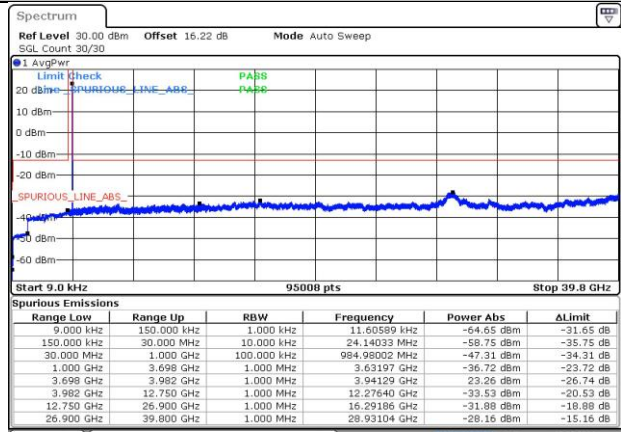
Date: 2 JUN 2024 16:11:38

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 2 JUN 2024 16:12:10

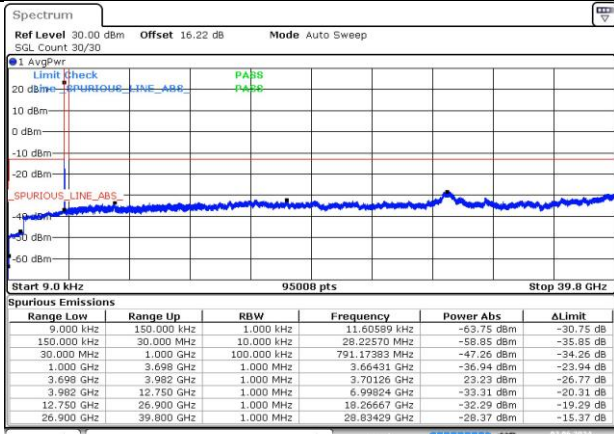
HCH / DFT-QPSK / Edge_1RB_Left



Date: 2 JUN 2024 16:13:23

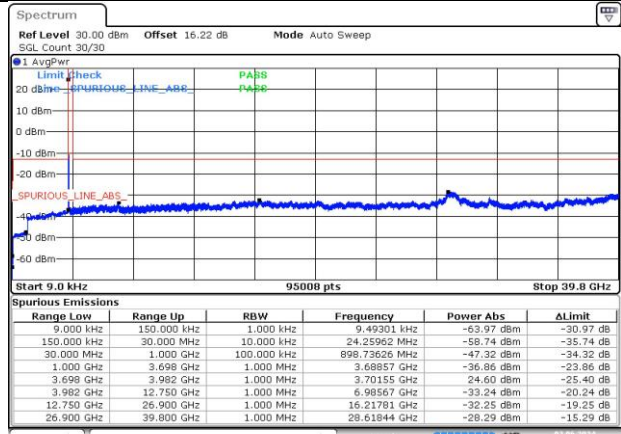
n77A / 30kHz / 50MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



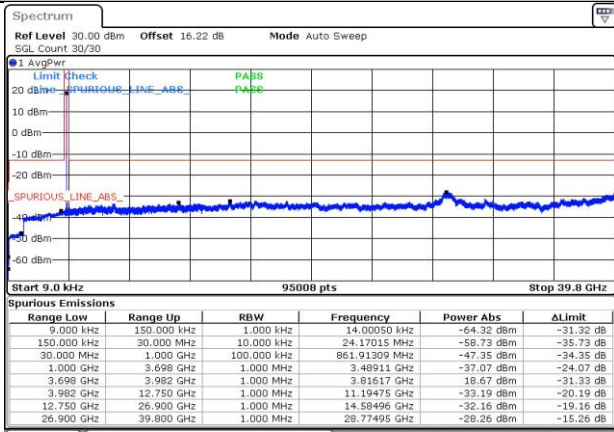
Date: 2 JUN 2024 16:13:59

LCH / DFT-QPSK / Edge_1RB_Left



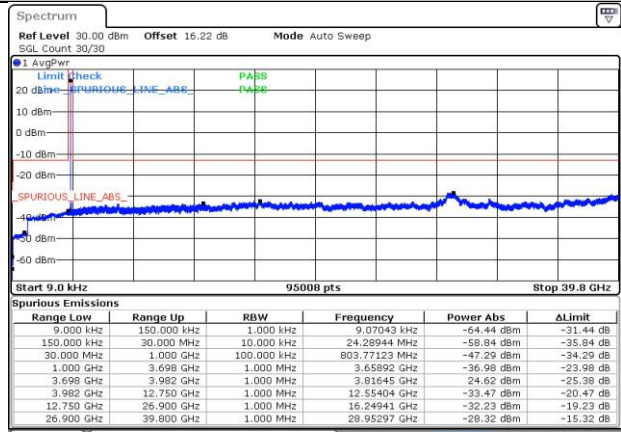
Date: 2 JUN 2024 16:14:35

MCH / DFT-Pi2BPSK / Edge_1RB_Left



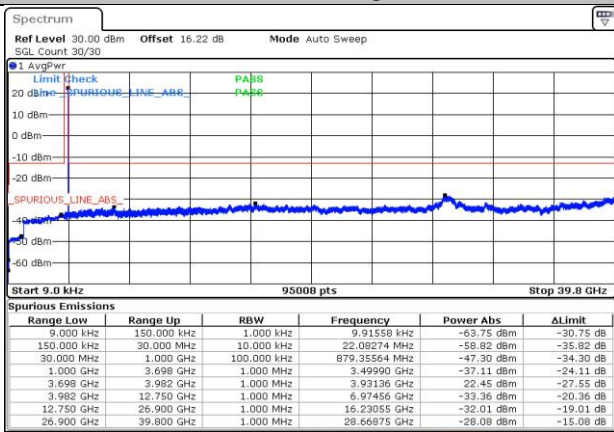
Date: 2 JUN 2024 16:15:10

MCH / DFT-QPSK / Edge_1RB_Left



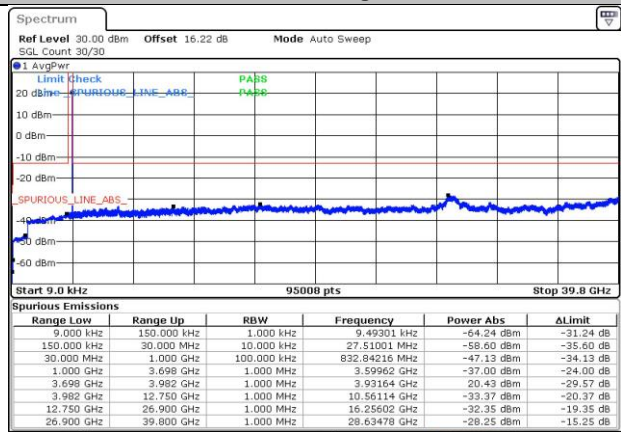
Date: 2 JUN 2024 16:15:45

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 2 JUN 2024 16:16:58

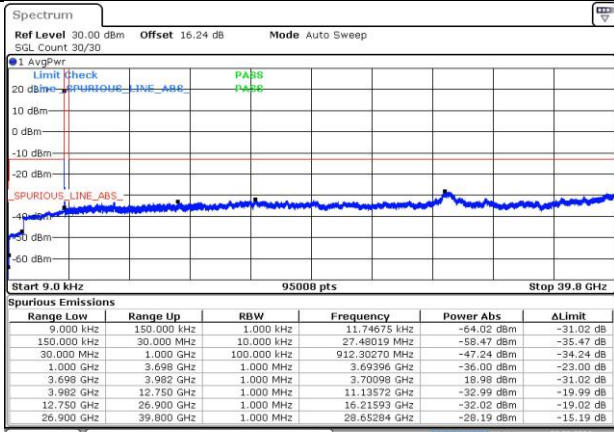
HCH / DFT-QPSK / Edge_1RB_Left



Date: 2 JUN 2024 16:17:32

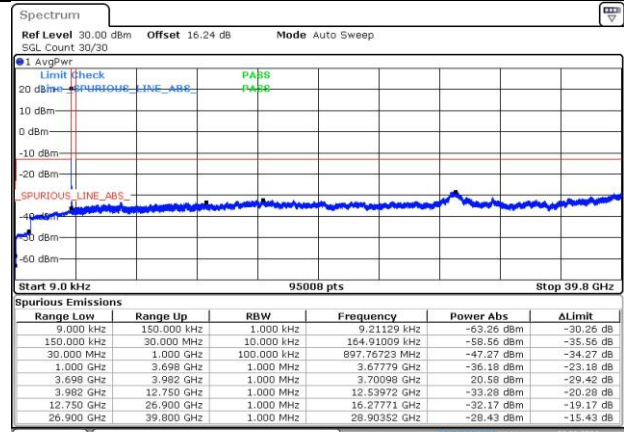
n77A / 30KHz / 60MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



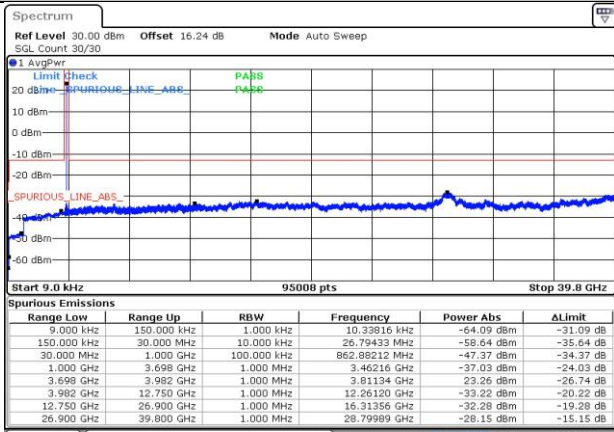
Date: 2 JUN 2024 16:16:09

LCH / DFT-QPSK / Edge_1RB_Left



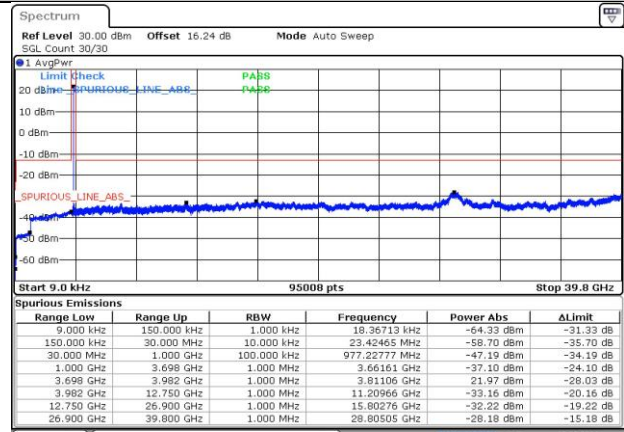
Date: 2 JUN 2024 16:16:44

MCH / DFT-Pi2BPSK / Edge_1RB_Left



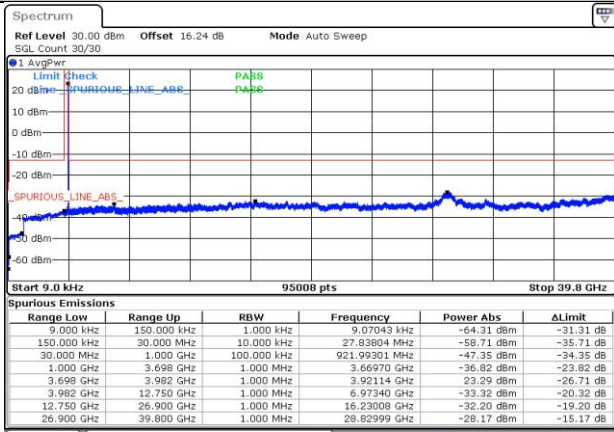
Date: 2 JUN 2024 16:19:19

MCH / DFT-QPSK / Edge_1RB_Left



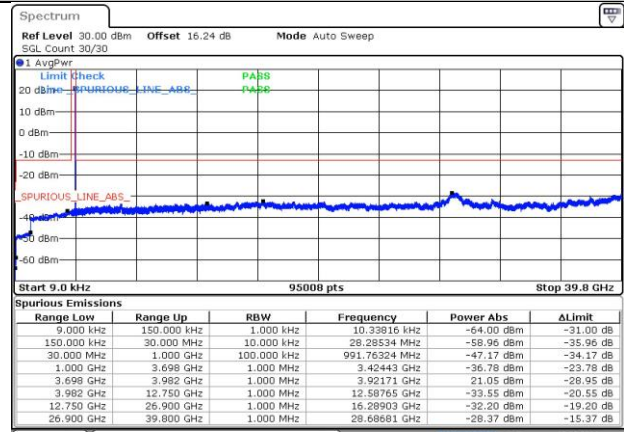
Date: 2 JUN 2024 16:20:33

HCH / DFT-Pi2BPSK / Edge_1RB_Left

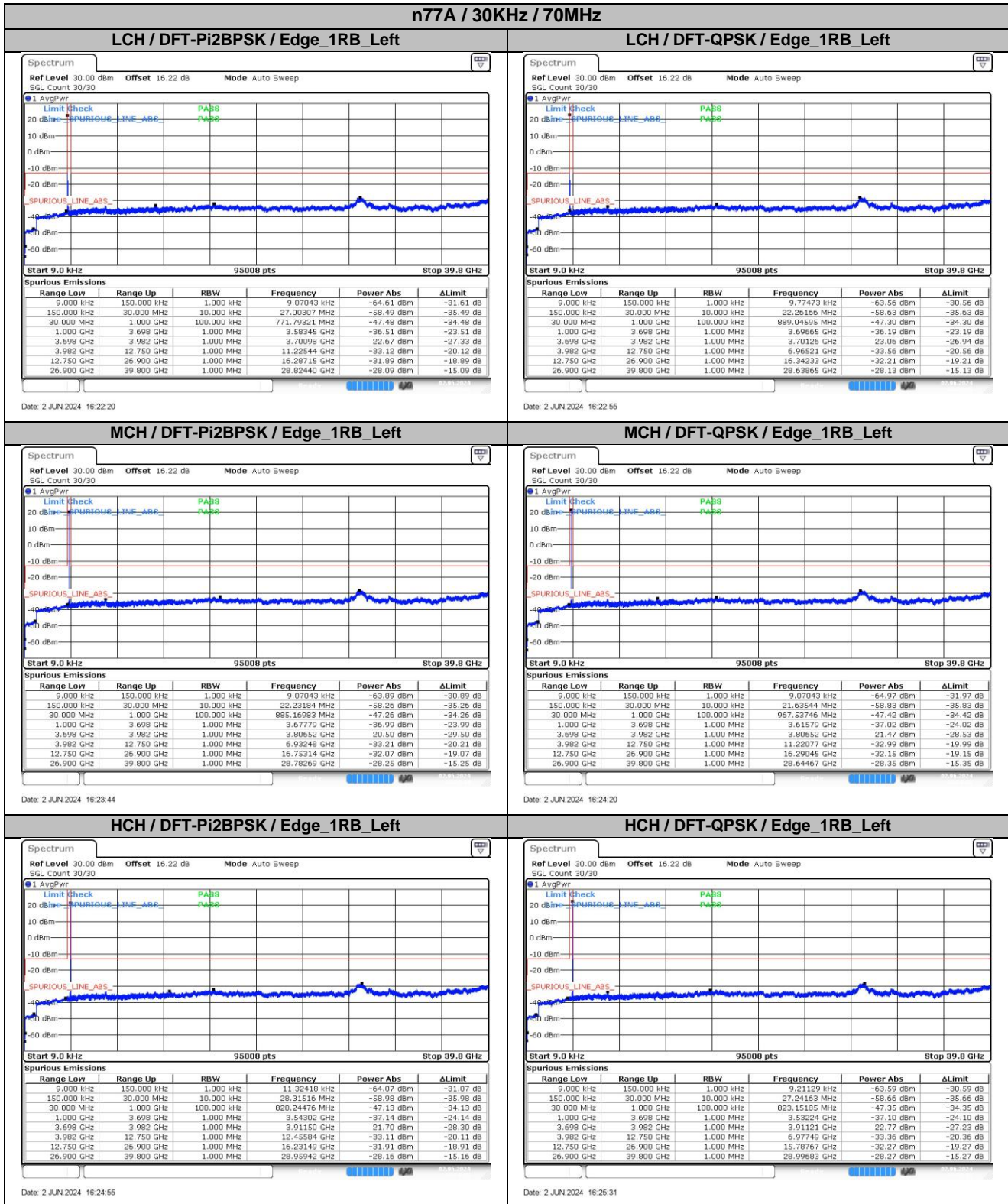


Date: 2 JUN 2024 16:21:08

HCH / DFT-QPSK / Edge_1RB_Left

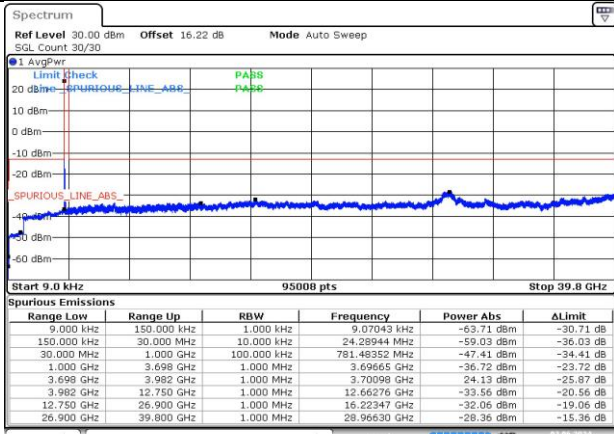


Date: 2 JUN 2024 16:21:42



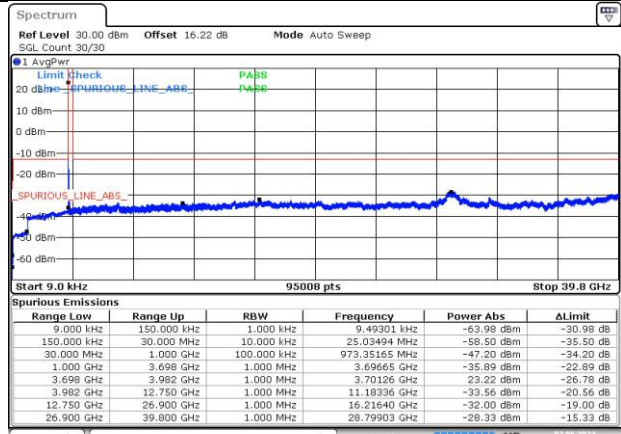
n77A / 30KHz / 80MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



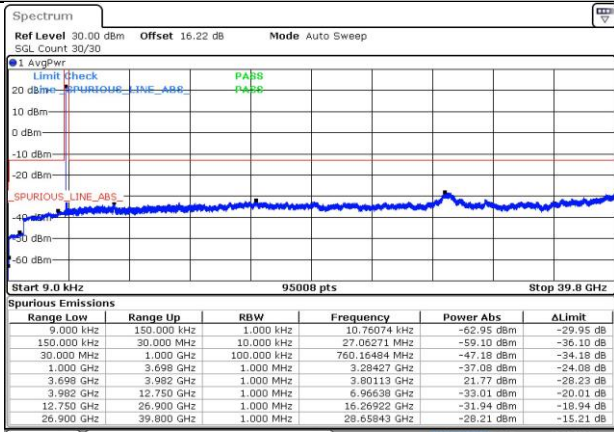
Date: 2 JUN 2024 16:26:09

LCH / DFT-QPSK / Edge_1RB_Left



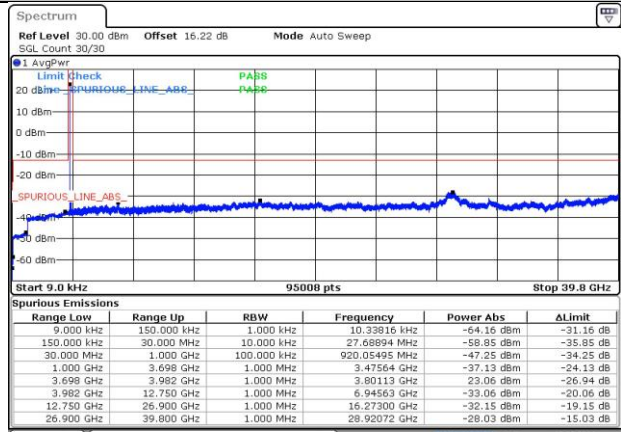
Date: 2 JUN 2024 16:27:22

MCH / DFT-Pi2BPSK / Edge_1RB_Left



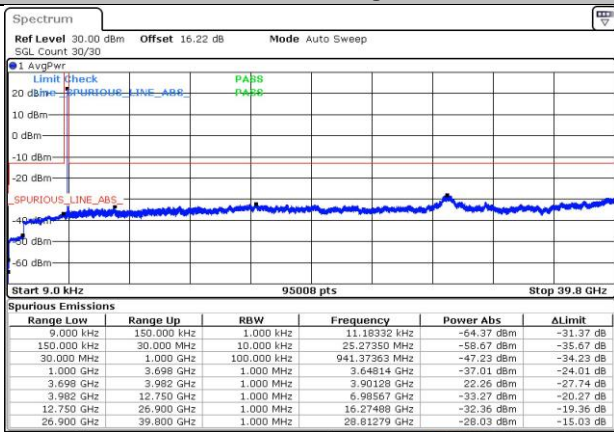
Date: 2 JUN 2024 16:27:58

MCH / DFT-QPSK / Edge_1RB_Left



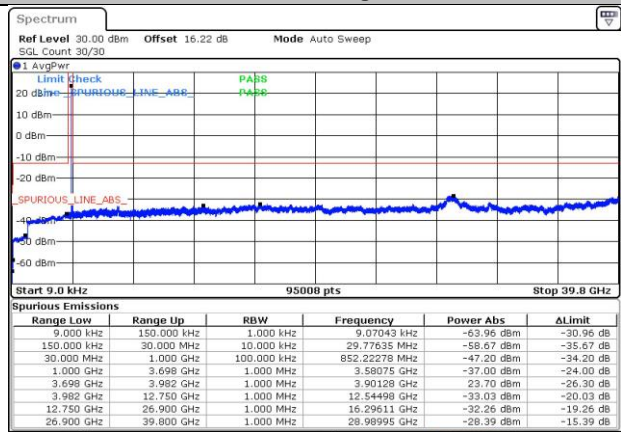
Date: 2 JUN 2024 16:28:33

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 2 JUN 2024 16:29:08

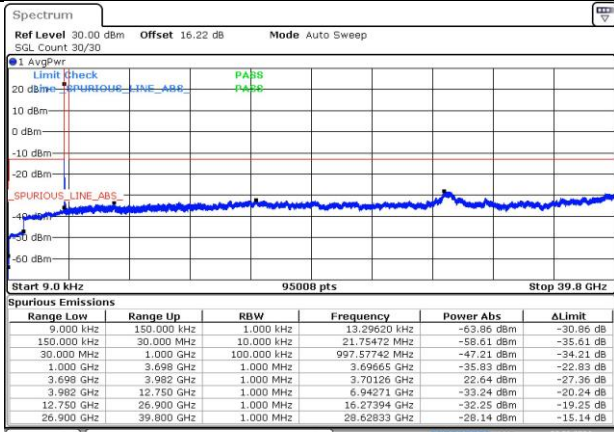
HCH / DFT-QPSK / Edge_1RB_Left



Date: 2 JUN 2024 16:29:44

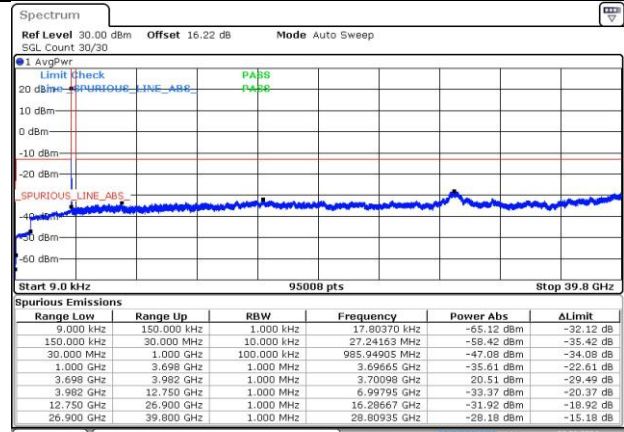
n77A / 30kHz / 90MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



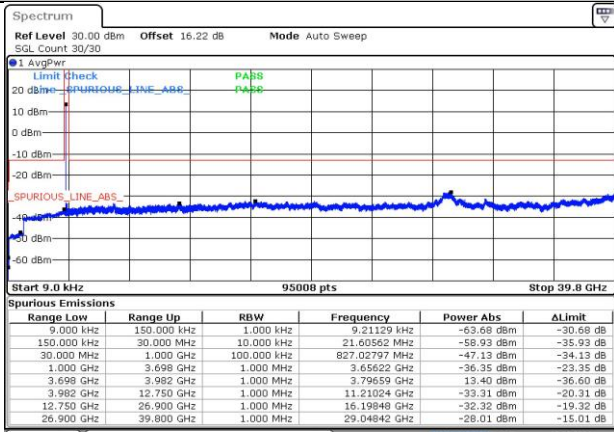
Date: 2 JUN 2024 16:30:59

LCH / DFT-QPSK / Edge_1RB_Left



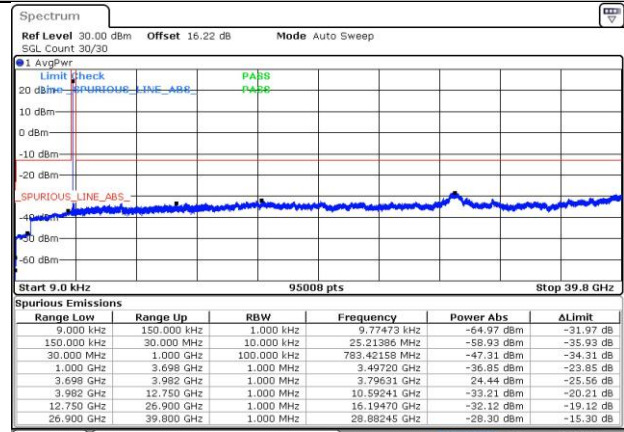
Date: 2 JUN 2024 16:31:34

MCH / DFT-Pi2BPSK / Edge_1RB_Left



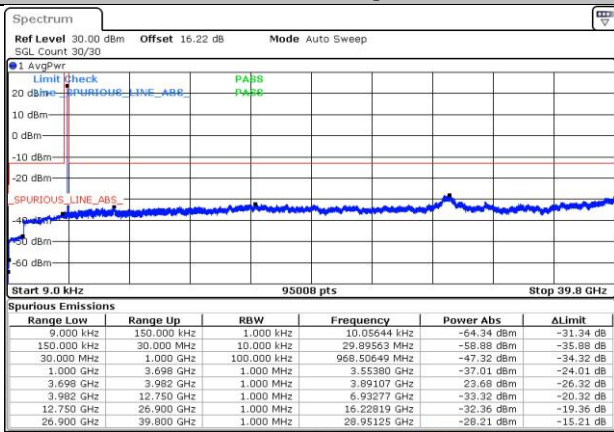
Date: 2 JUN 2024 16:32:10

MCH / DFT-QPSK / Edge_1RB_Left



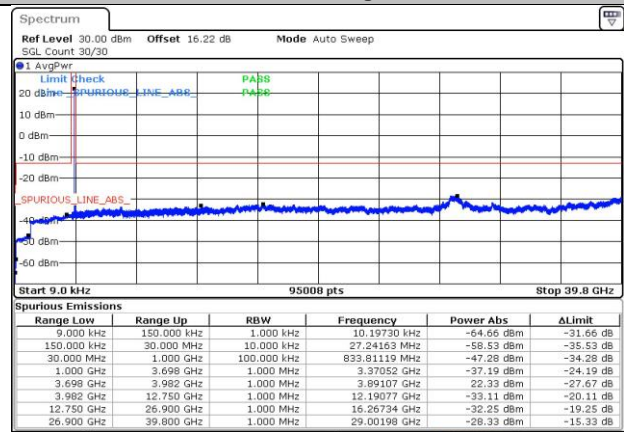
Date: 2 JUN 2024 16:32:45

HCH / DFT-Pi2BPSK / Edge_1RB_Left

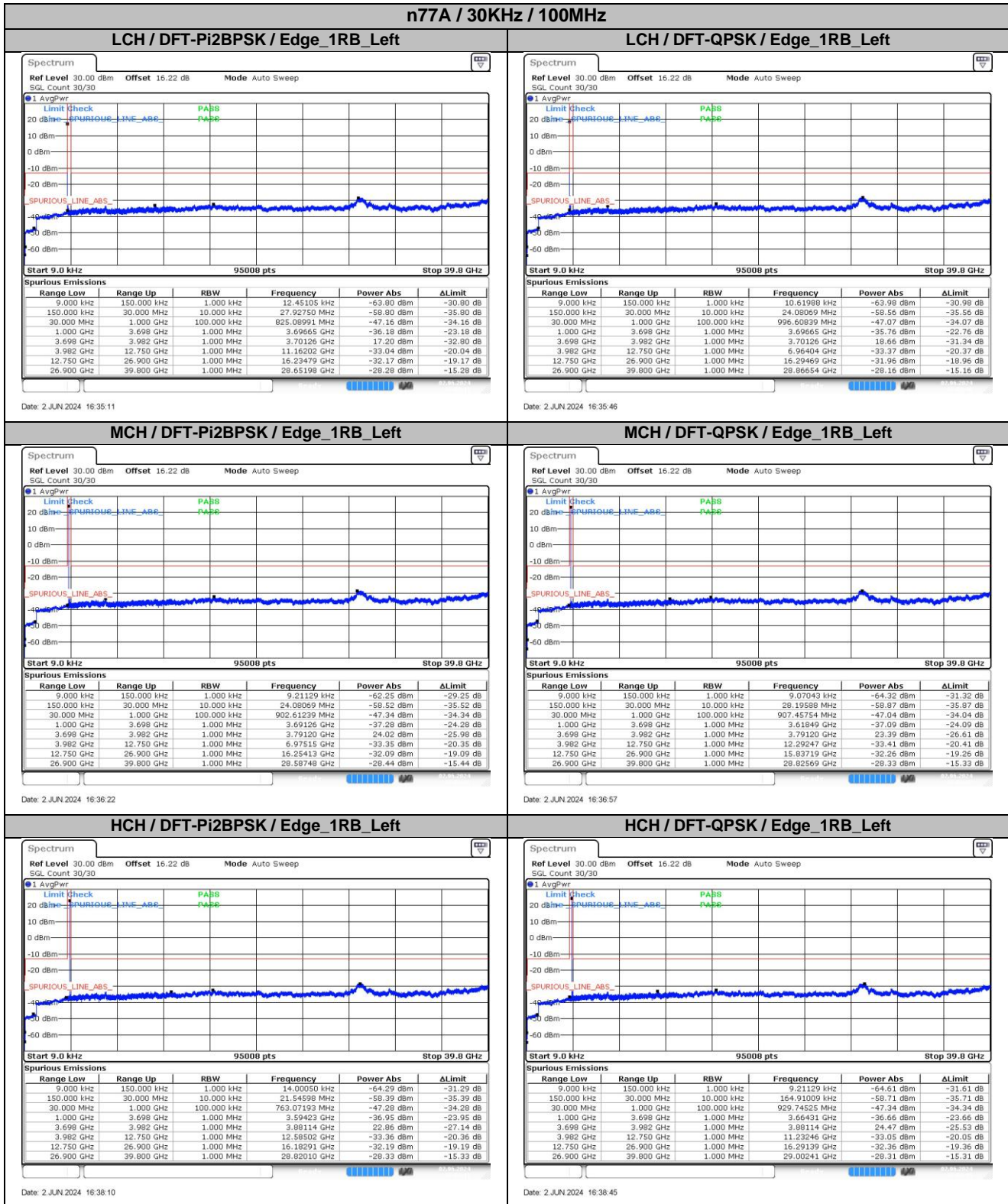


Date: 2 JUN 2024 16:33:20

HCH / DFT-QPSK / Edge_1RB_Left



Date: 2 JUN 2024 16:34:33



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	-5.20	-0.001354	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-6.00	-0.001563	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-1.50	-0.000391	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	-2.50	-0.000651	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-9.20	-0.002396	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-6.30	-0.001641	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-7.20	-0.001875	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-5.90	-0.001536	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-4.10	-0.001068	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-11.70	-0.003047	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	0.10	0.000026	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-5.40	-0.001406	Pass

The End