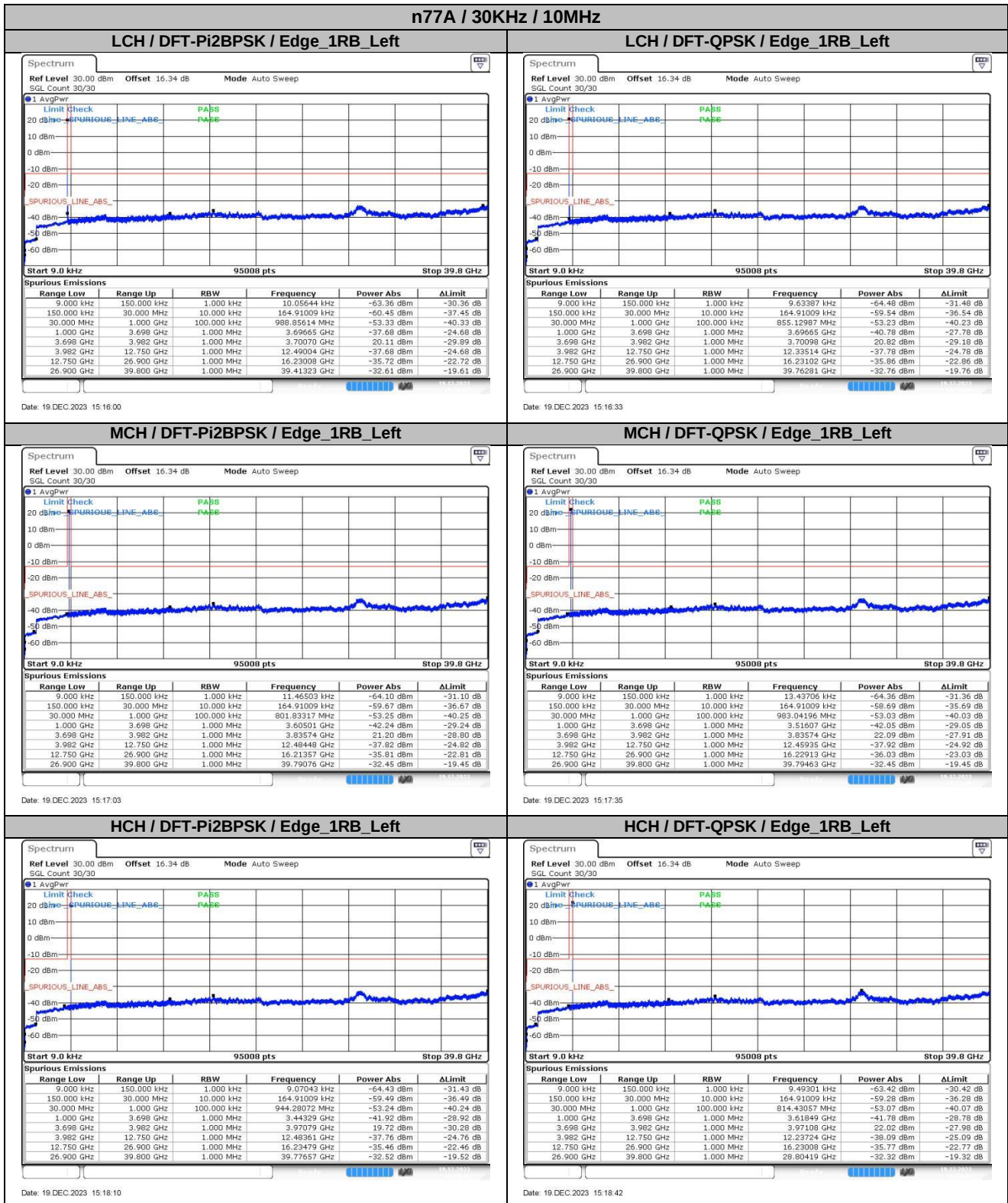


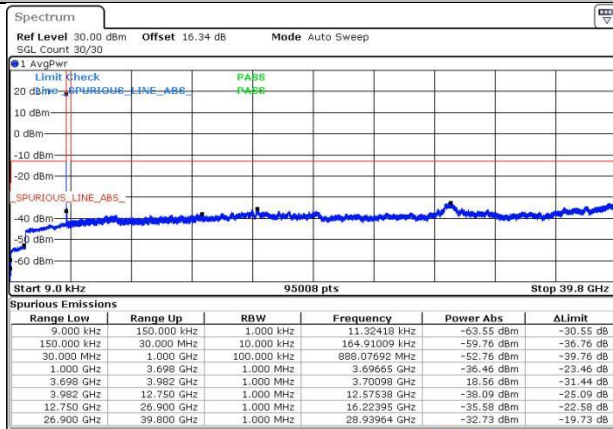
6. Conducted Spurious Emission

6.1. Test Plots



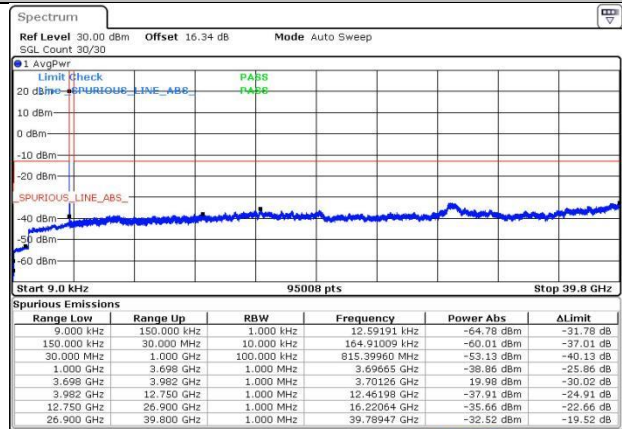
n77A / 30KHz / 15MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



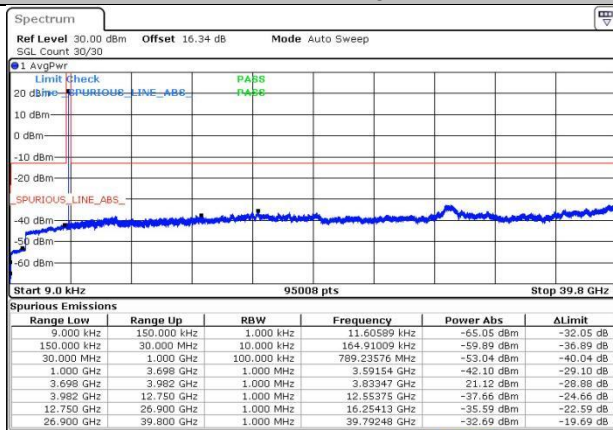
Date: 19 DEC 2023 15:19:13

LCH / DFT-QPSK / Edge_1RB_Left



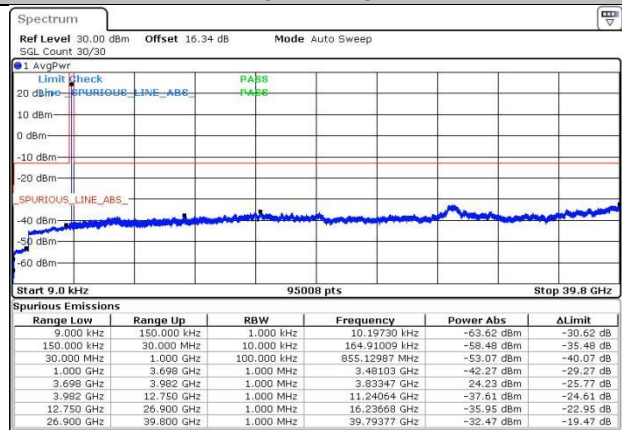
Date: 19 DEC 2023 15:19:45

MCH / DFT-Pi2BPSK / Edge_1RB_Left



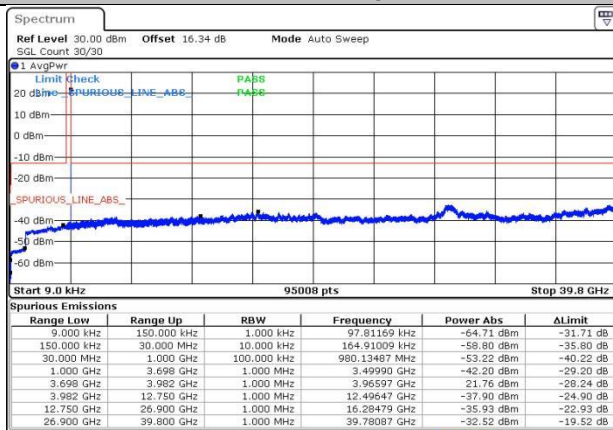
Date: 19 DEC 2023 15:20:15

MCH / DFT-QPSK / Edge_1RB_Left



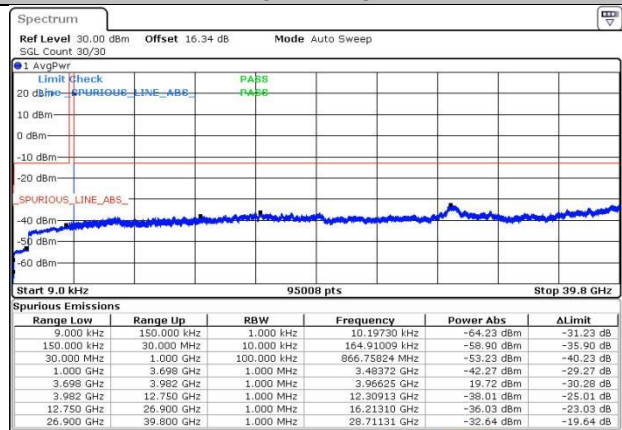
Date: 19 DEC 2023 15:20:48

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:21:23

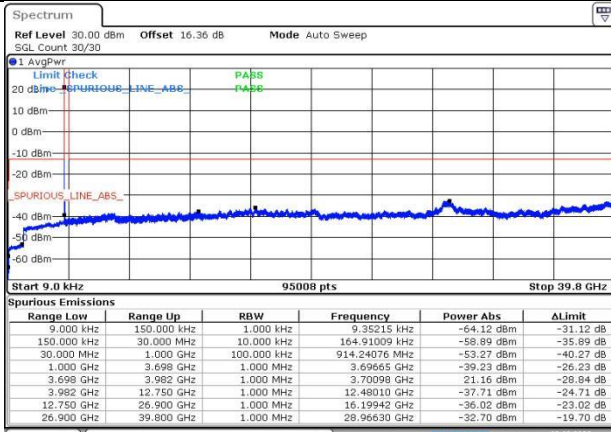
HCH / DFT-QPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:21:55

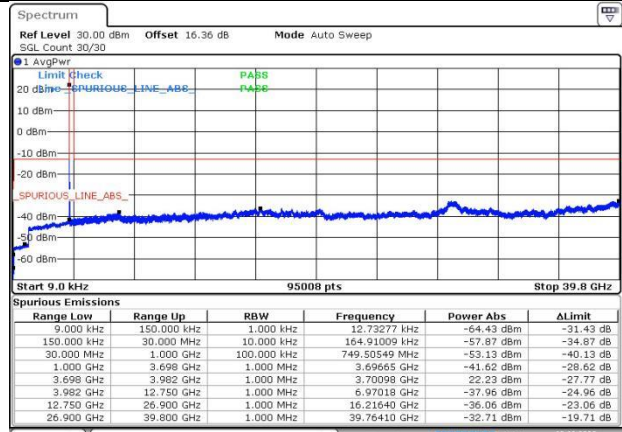
n77A / 30KHz / 20MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



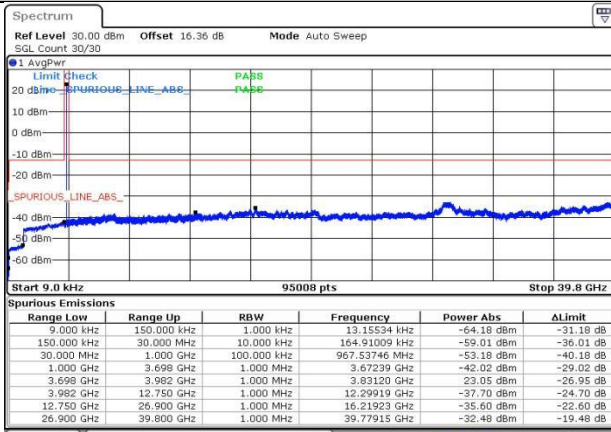
Date: 19 DEC 2023 15:22:29

LCH / DFT-QPSK / Edge_1RB_Left



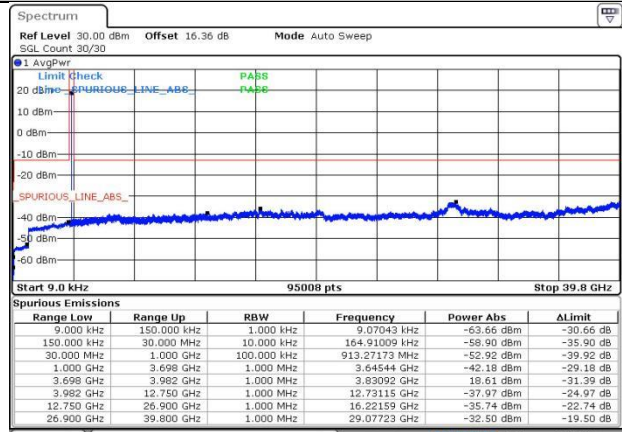
Date: 19 DEC 2023 15:22:53

MCH / DFT-Pi2BPSK / Edge_1RB_Left



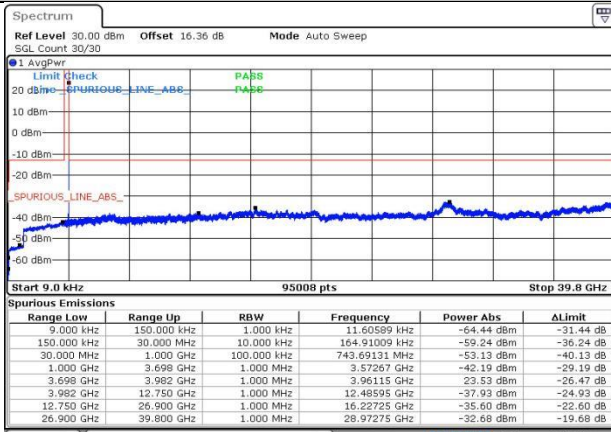
Date: 19 DEC 2023 15:23:23

MCH / DFT-QPSK / Edge_1RB_Left



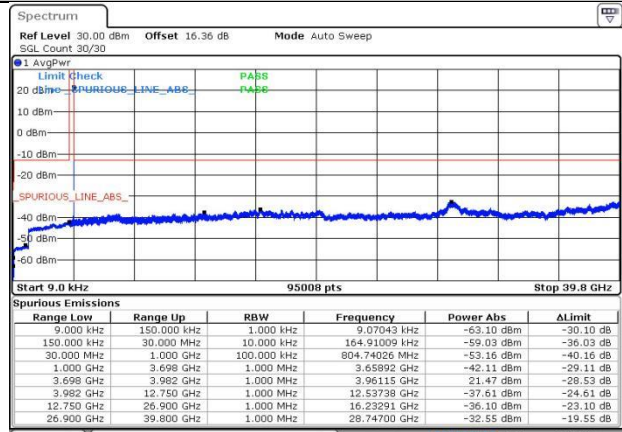
Date: 19 DEC 2023 15:23:56

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:24:28

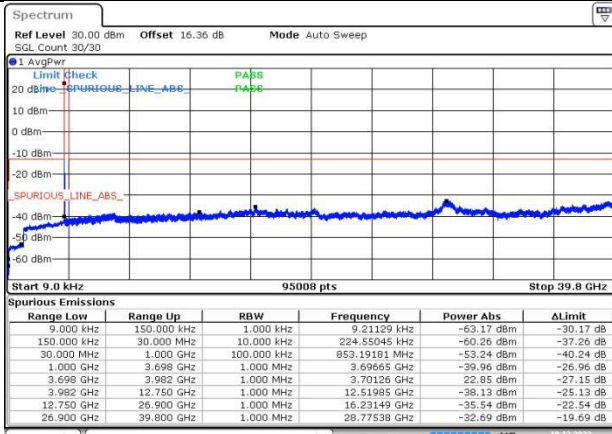
HCH / DFT-QPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:24:58

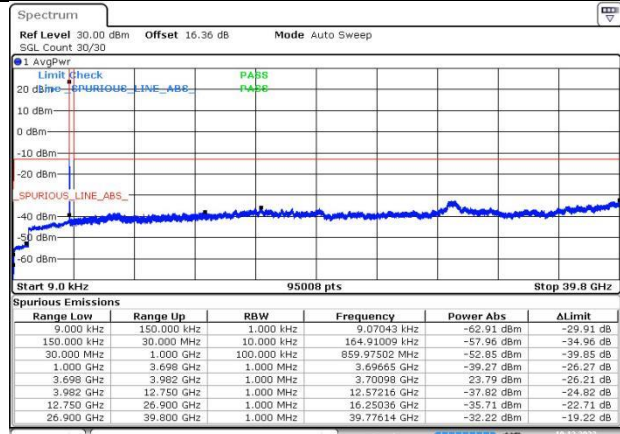
n77A / 30KHz / 30MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



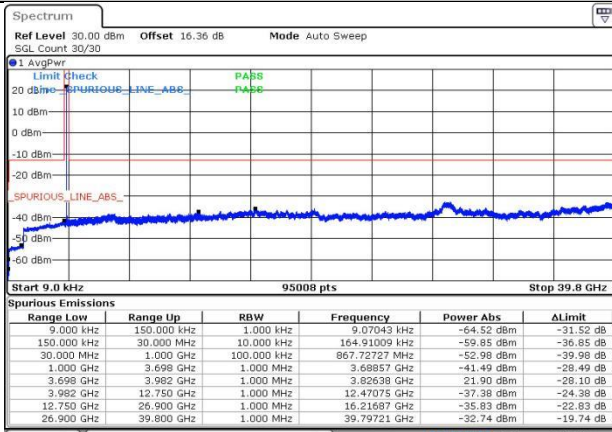
Date: 19 DEC 2023 15:25:29

LCH / DFT-QPSK / Edge_1RB_Left



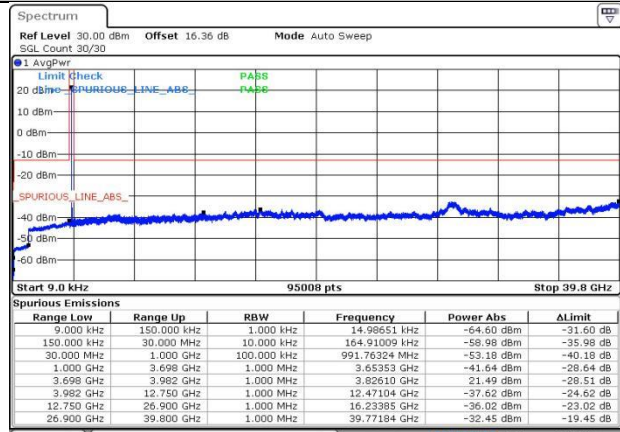
Date: 19 DEC 2023 15:26:02

MCH / DFT-Pi2BPSK / Edge_1RB_Left



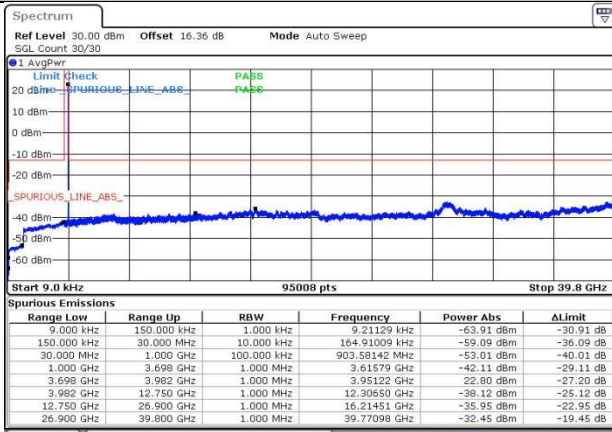
Date: 19 DEC 2023 15:26:32

MCH / DFT-QPSK / Edge_1RB_Left



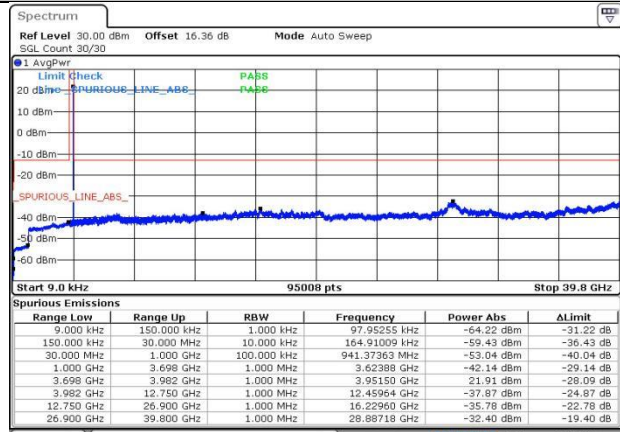
Date: 19 DEC 2023 15:27:04

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:27:33

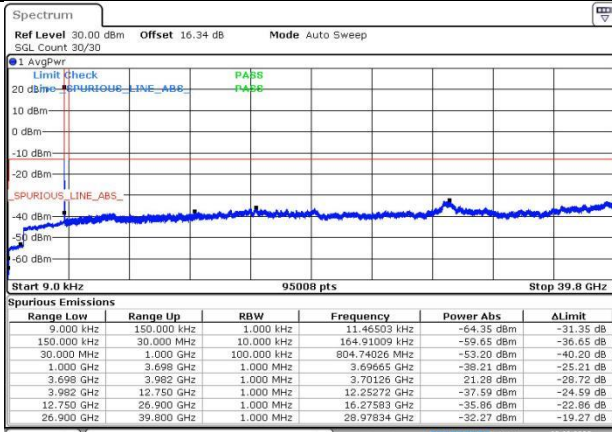
HCH / DFT-QPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:28:06

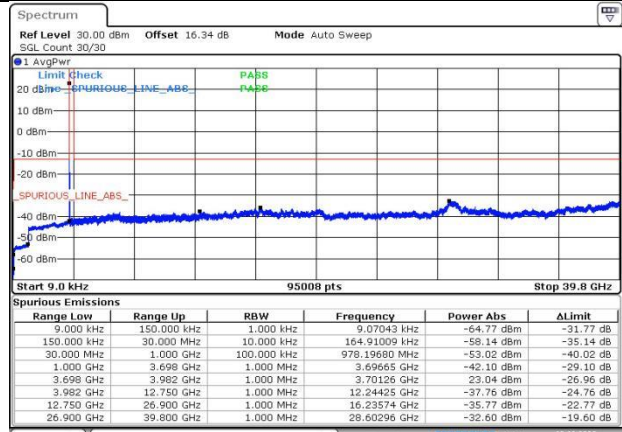
n77A / 30KHz / 40MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



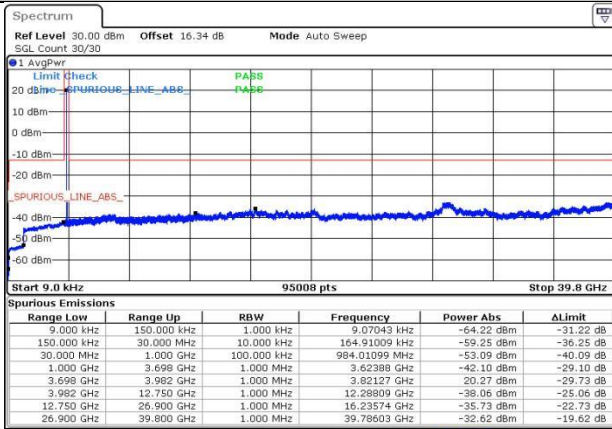
Date: 19 DEC 2023 15:28:37

LCH / DFT-QPSK / Edge_1RB_Left



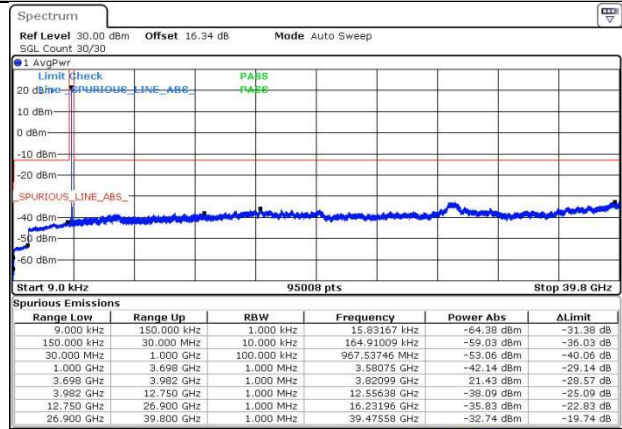
Date: 19 DEC 2023 15:29:09

MCH / DFT-Pi2BPSK / Edge_1RB_Left



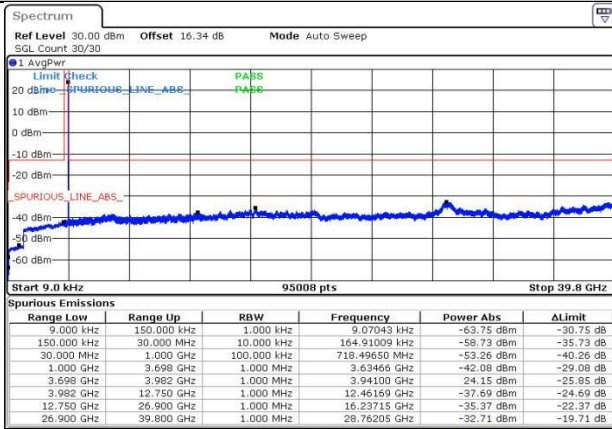
Date: 19 DEC 2023 15:29:38

MCH / DFT-QPSK / Edge_1RB_Left



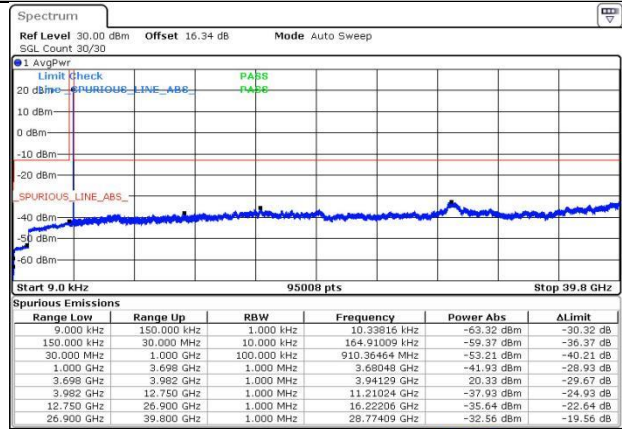
Date: 19 DEC 2023 15:30:11

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:30:40

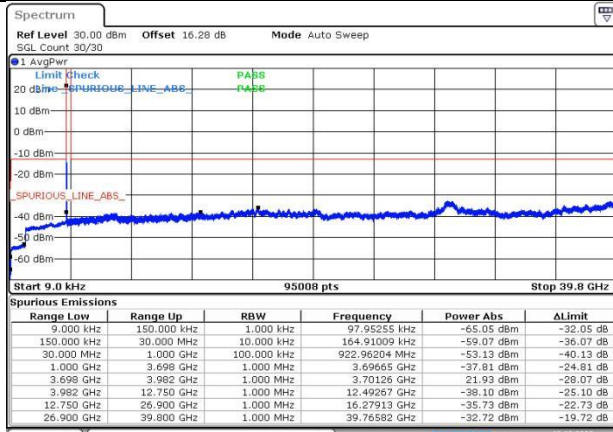
HCH / DFT-QPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:31:13

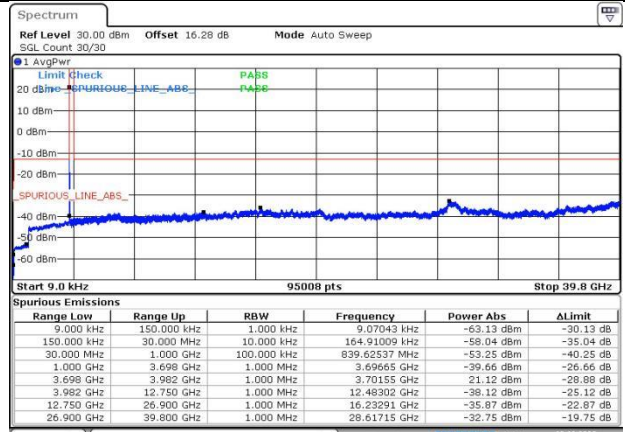
n77A / 30KHz / 50MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



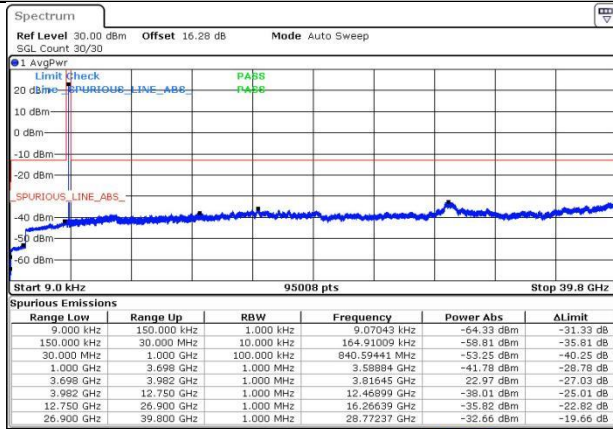
Date: 19 DEC 2023 15:31:47

LCH / DFT-QPSK / Edge_1RB_Left



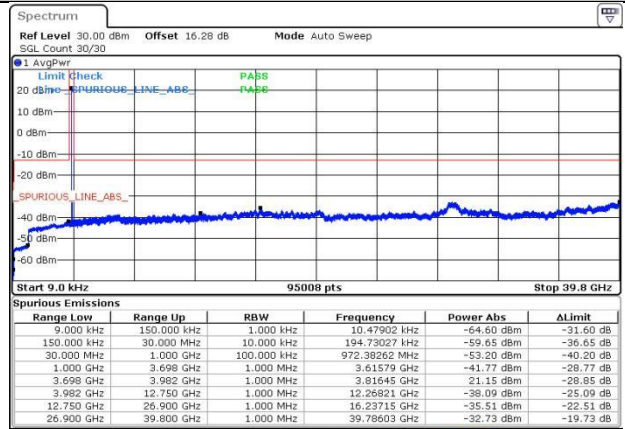
Date: 19 DEC 2023 15:32:19

MCH / DFT-Pi2BPSK / Edge_1RB_Left



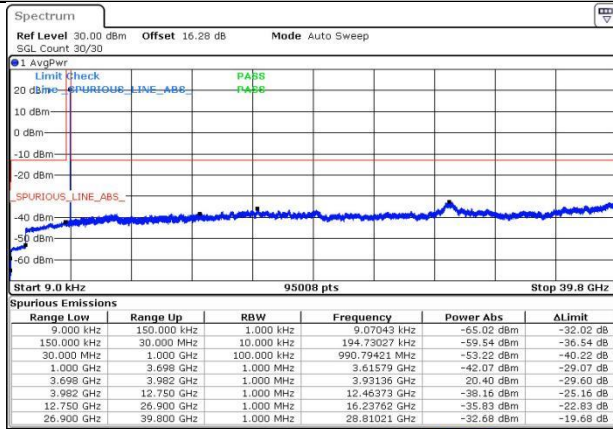
Date: 19 DEC 2023 15:32:50

MCH / DFT-QPSK / Edge_1RB_Left



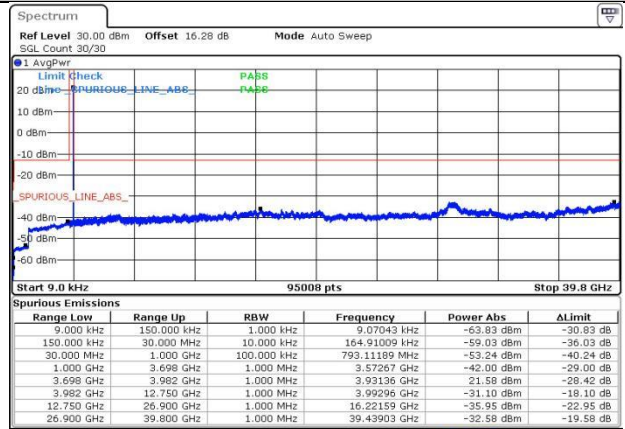
Date: 19 DEC 2023 15:33:22

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:33:51

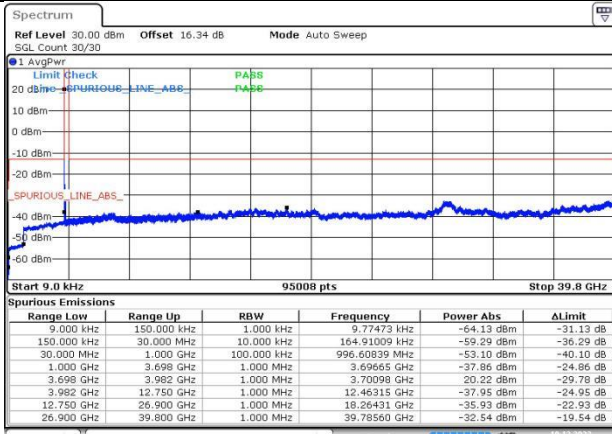
HCH / DFT-QPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:34:24

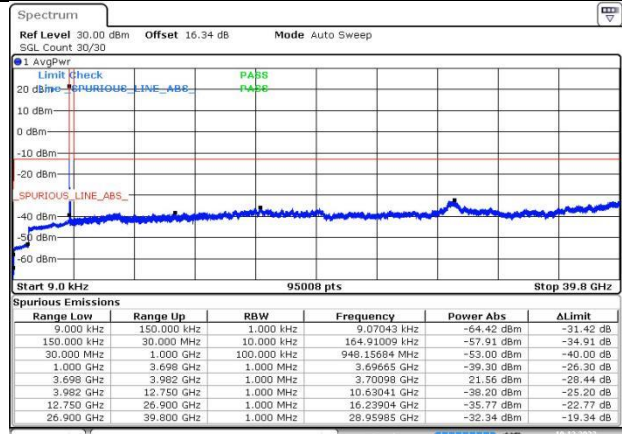
n77A / 30KHz / 60MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



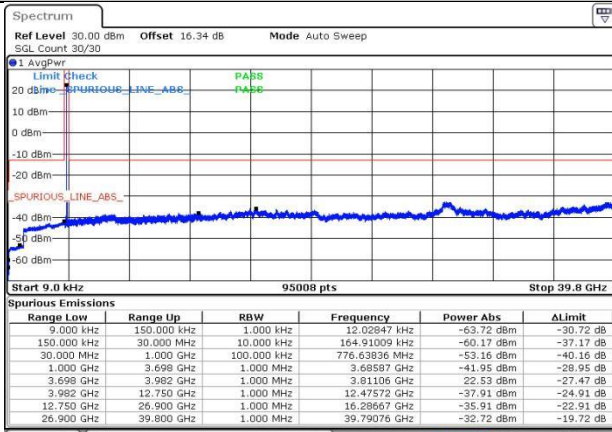
Date: 19 DEC 2023 15:34:55

LCH / DFT-QPSK / Edge_1RB_Left



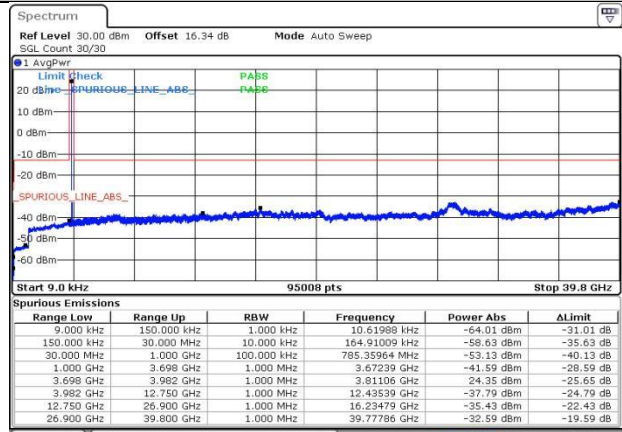
Date: 19 DEC 2023 15:35:27

MCH / DFT-Pi2BPSK / Edge_1RB_Left



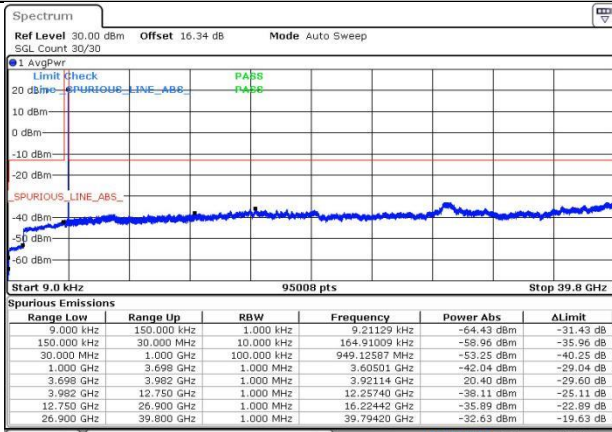
Date: 19 DEC 2023 15:35:57

MCH / DFT-QPSK / Edge_1RB_Left



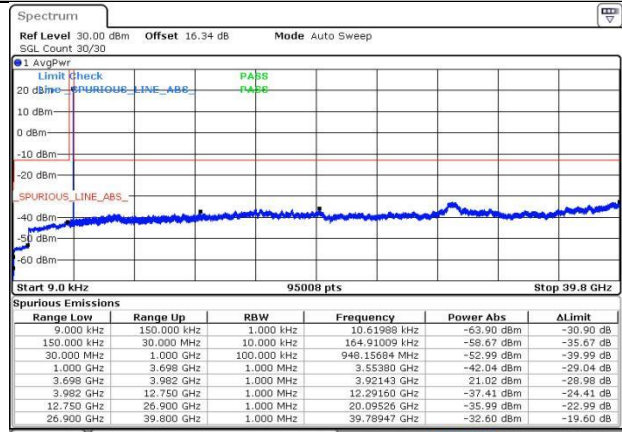
Date: 19 DEC 2023 15:36:29

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:37:03

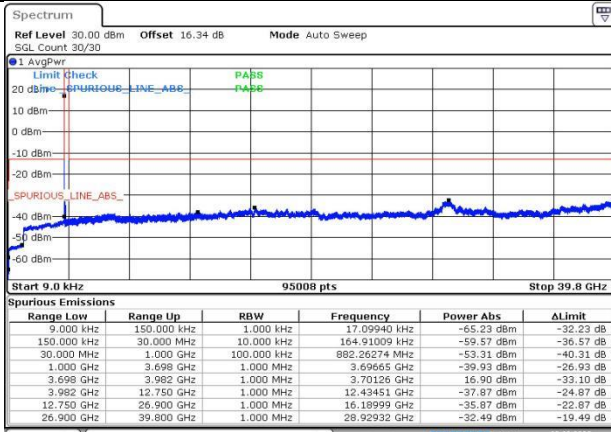
HCH / DFT-QPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:37:35

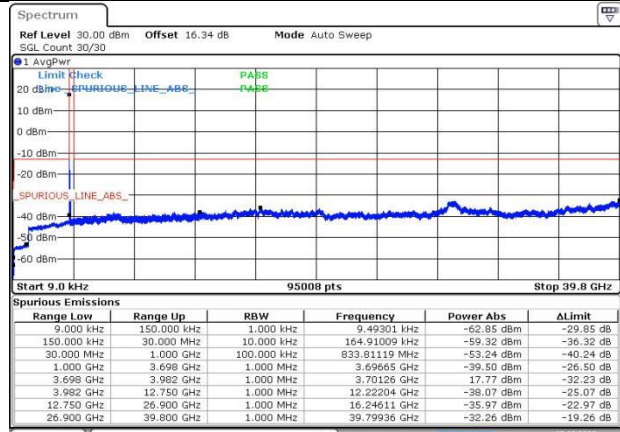
n77A / 30KHz / 70MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



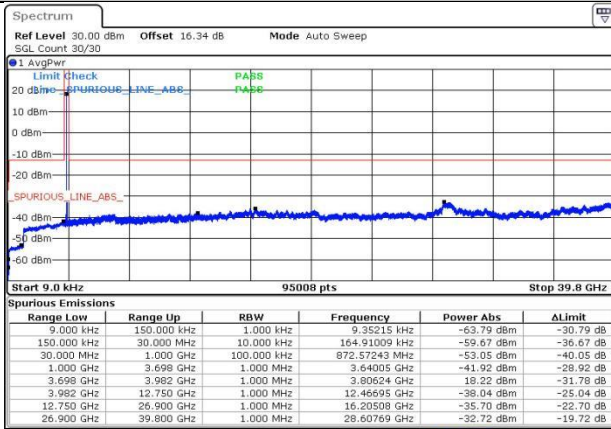
Date: 19 DEC 2023 15:38:06

LCH / DFT-QPSK / Edge_1RB_Left



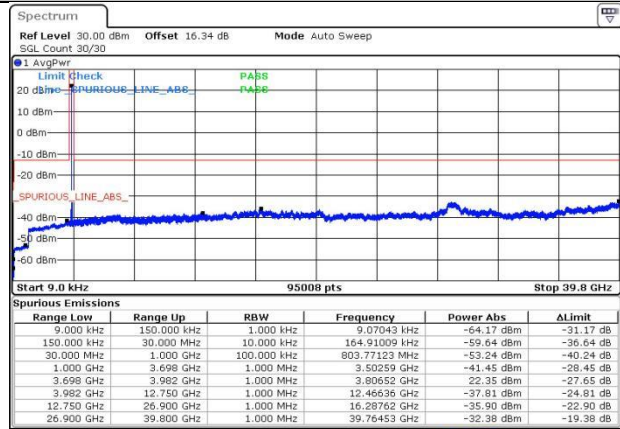
Date: 19 DEC 2023 15:38:39

MCH / DFT-Pi2BPSK / Edge_1RB_Left



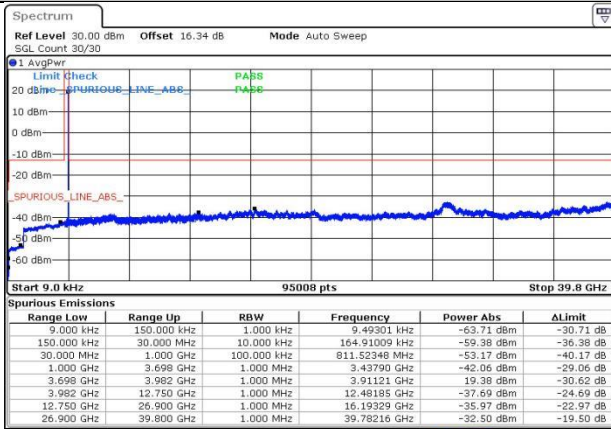
Date: 19 DEC 2023 15:39:09

MCH / DFT-QPSK / Edge_1RB_Left



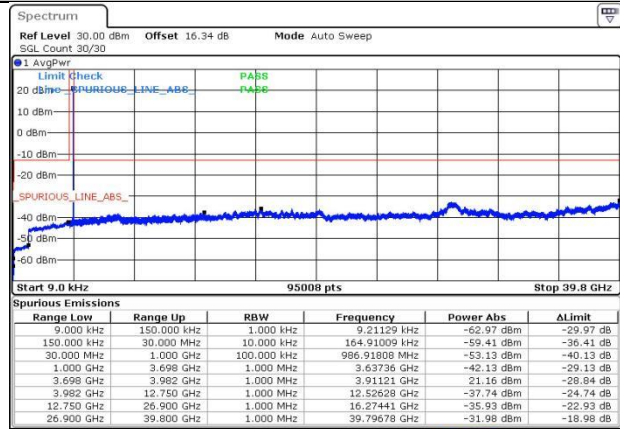
Date: 19 DEC 2023 15:39:41

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:40:16

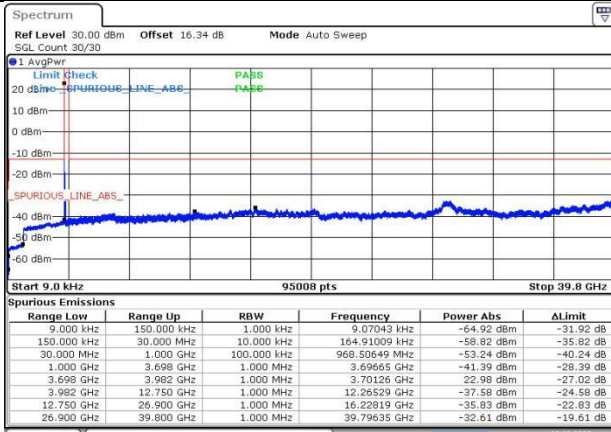
HCH / DFT-QPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:40:48

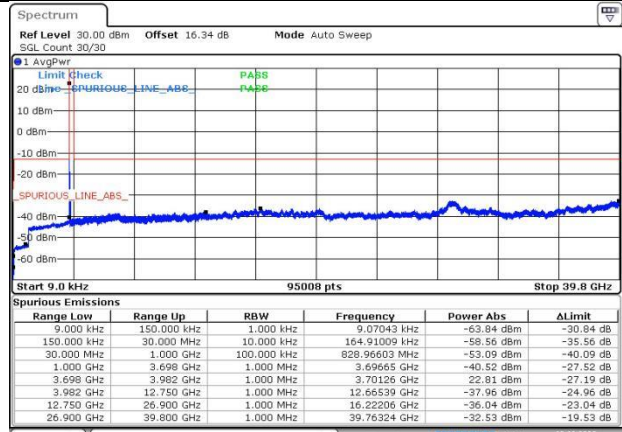
n77A / 30KHz / 80MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



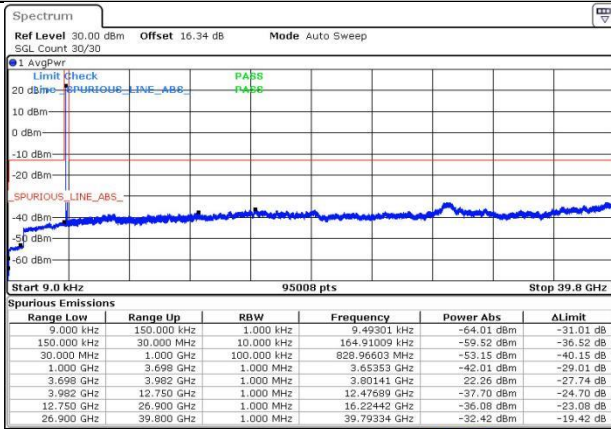
Date: 19 DEC 2023 15:41:19

LCH / DFT-QPSK / Edge_1RB_Left



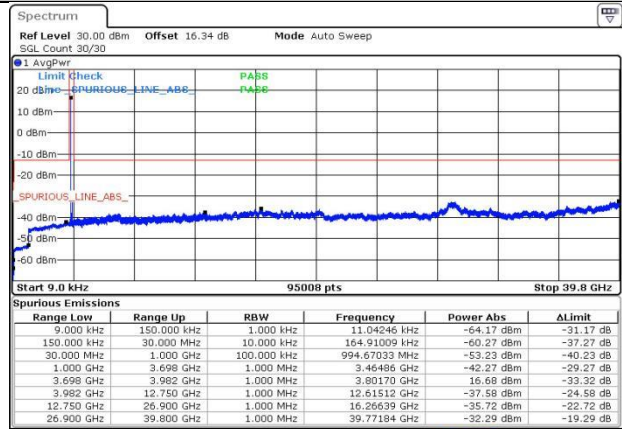
Date: 19 DEC 2023 15:41:51

MCH / DFT-Pi2BPSK / Edge_1RB_Left



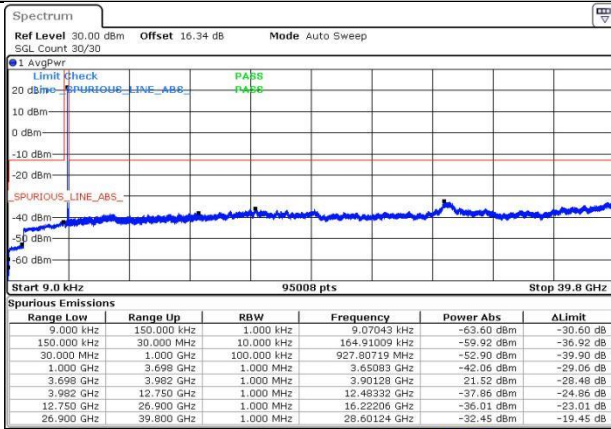
Date: 19 DEC 2023 15:42:21

MCH / DFT-QPSK / Edge_1RB_Left



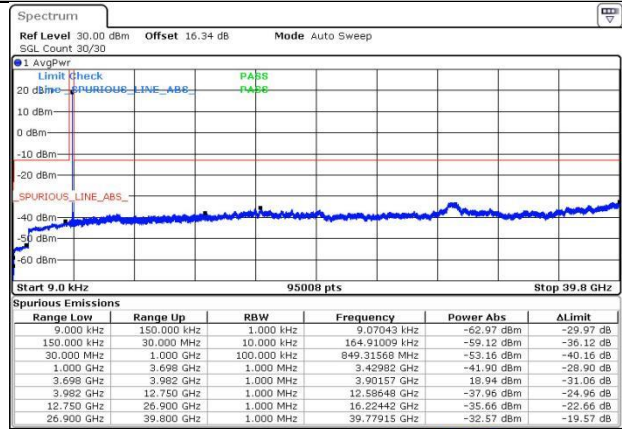
Date: 19 DEC 2023 15:42:53

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:43:23

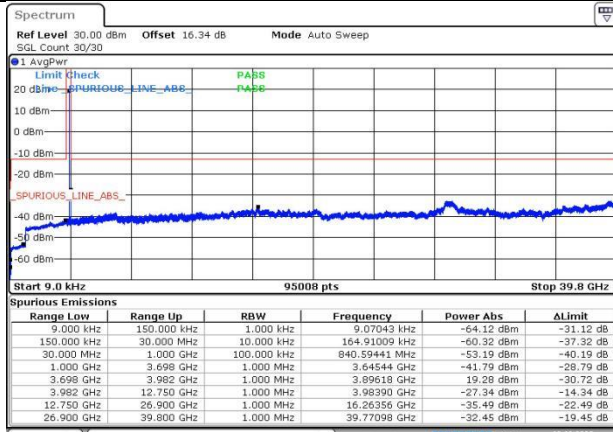
HCH / DFT-QPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:43:55

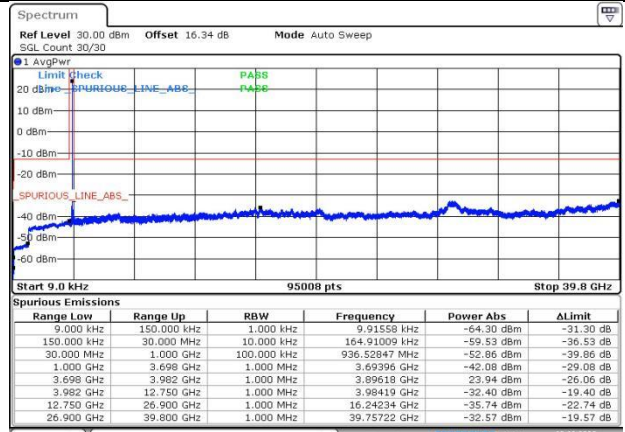
n77A / 30KHz / 90MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



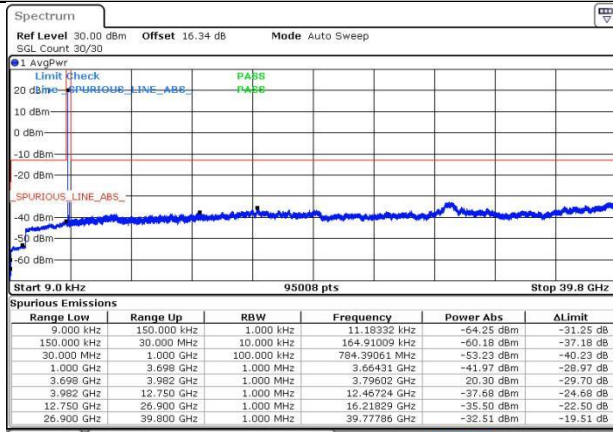
Date: 19 DEC 2023 15:44:28

LCH / DFT-QPSK / Edge_1RB_Left



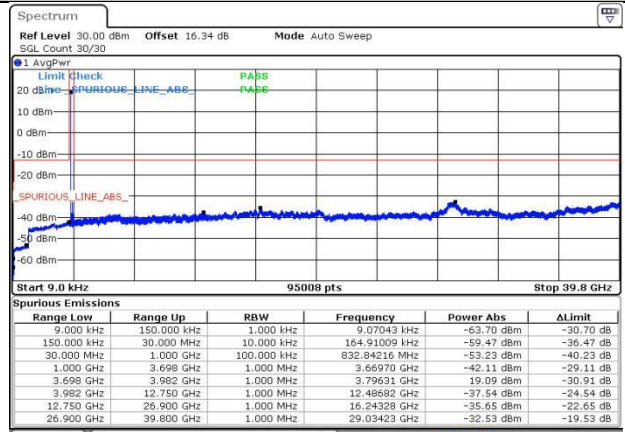
Date: 19 DEC 2023 15:44:59

MCH / DFT-Pi2BPSK / Edge_1RB_Left



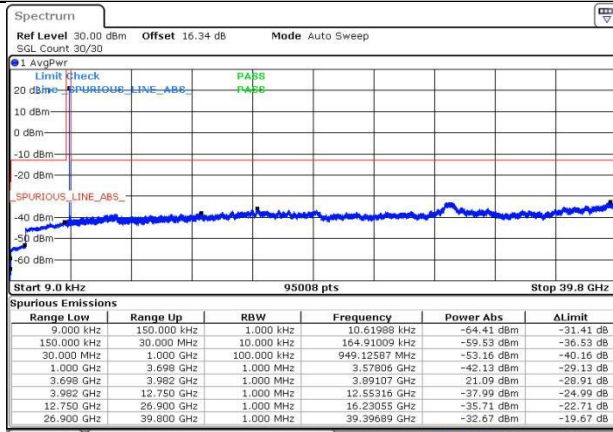
Date: 19 DEC 2023 15:45:28

MCH / DFT-QPSK / Edge_1RB_Left



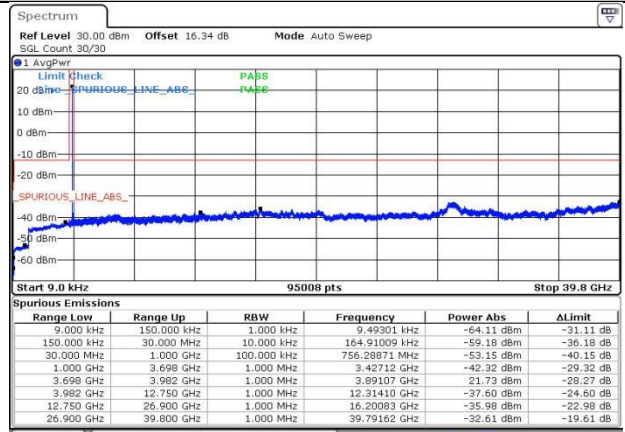
Date: 19 DEC 2023 15:46:00

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:46:35

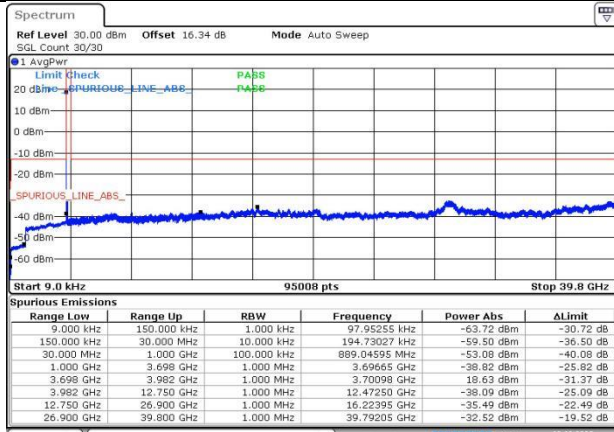
HCH / DFT-QPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:47:07

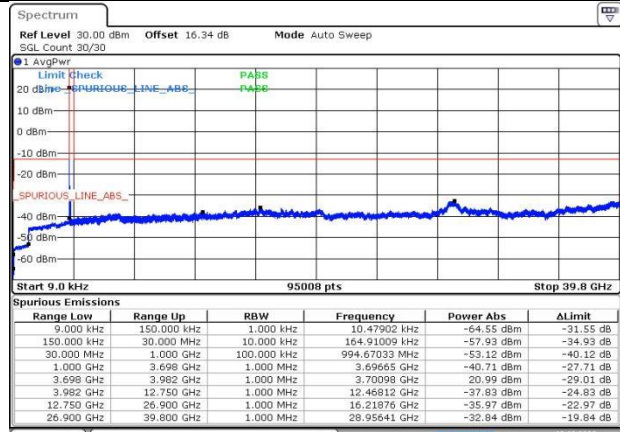
n77A / 30KHz / 100MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



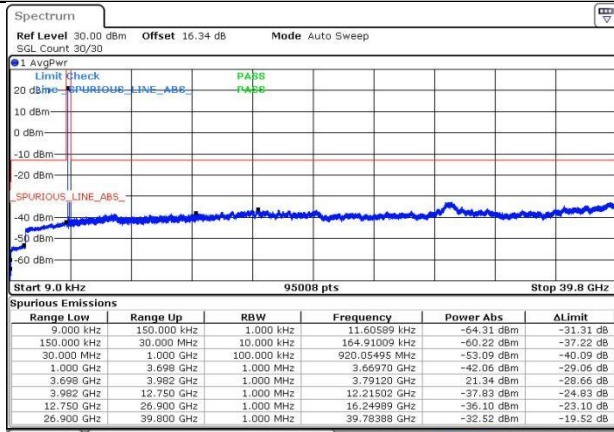
Date: 19 DEC 2023 15:47:41

LCH / DFT-QPSK / Edge_1RB_Left



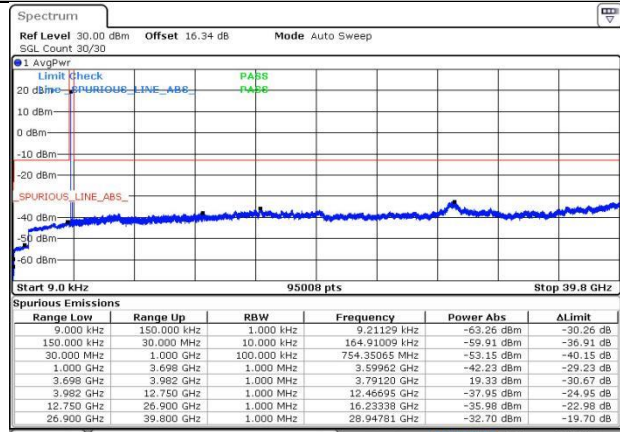
Date: 19 DEC 2023 15:48:05

MCH / DFT-Pi2BPSK / Edge_1RB_Left



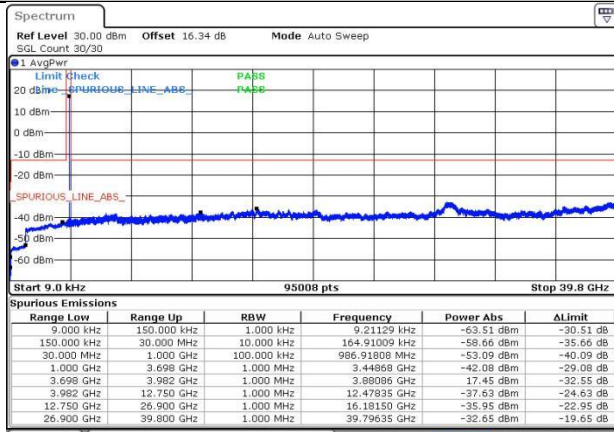
Date: 19 DEC 2023 15:48:34

MCH / DFT-QPSK / Edge_1RB_Left



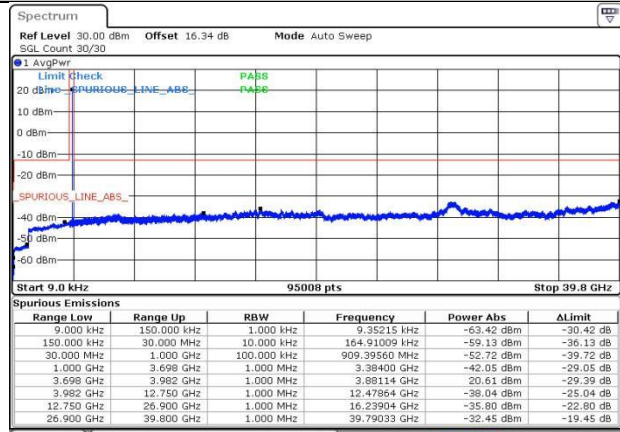
Date: 19 DEC 2023 15:49:06

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:49:40

HCH / DFT-QPSK / Edge_1RB_Left



Date: 19 DEC 2023 15:50:12

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	-5.00	-0.001302	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-8.00	-0.002083	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-10.60	-0.002760	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	-5.90	-0.001536	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	3.80	0.000990	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-7.50	-0.001953	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-7.90	-0.002057	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-6.50	-0.001693	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	7.00	0.001823	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-2.00	-0.000521	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-7.00	-0.001823	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-3.60	-0.000938	Pass

The End