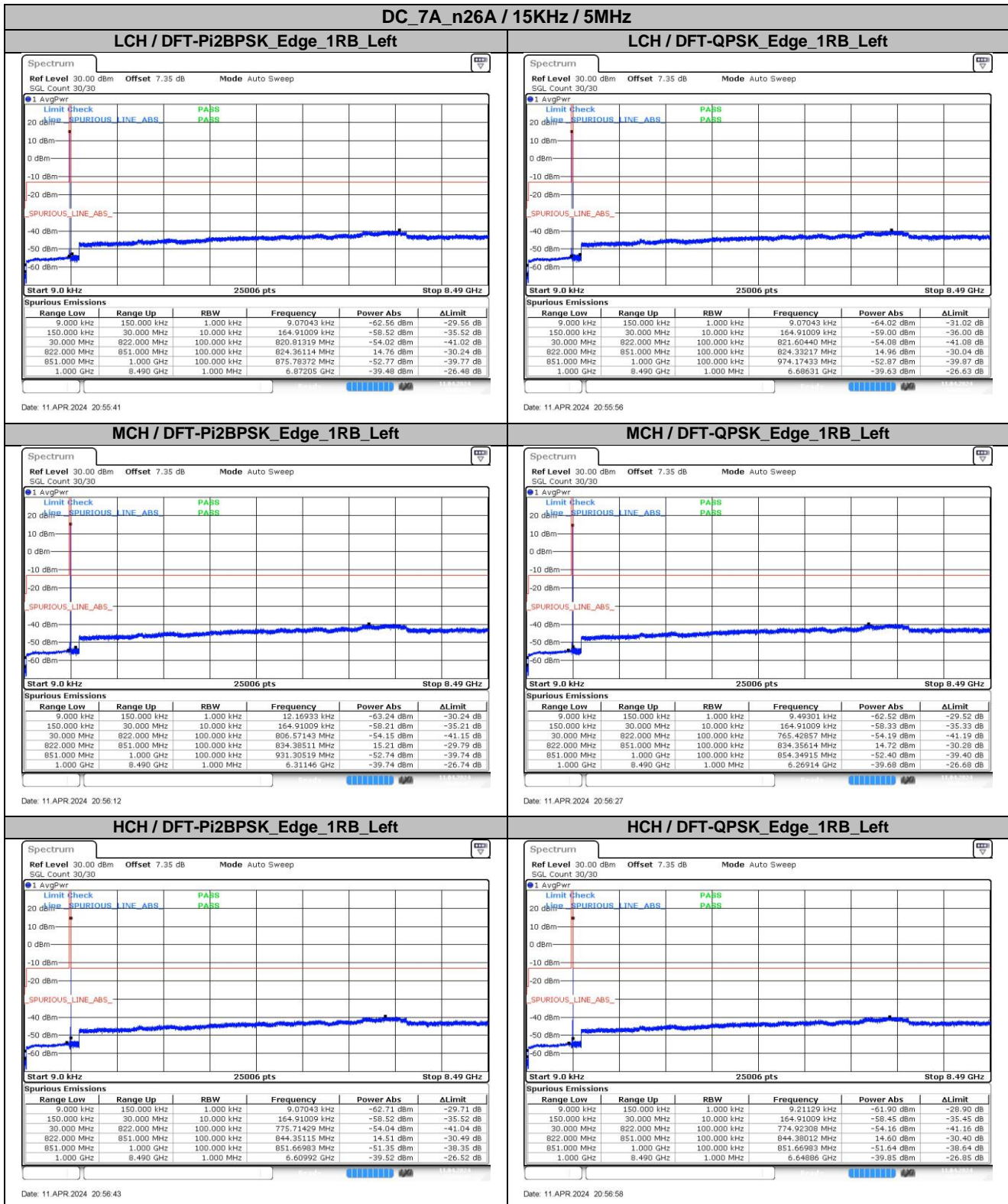


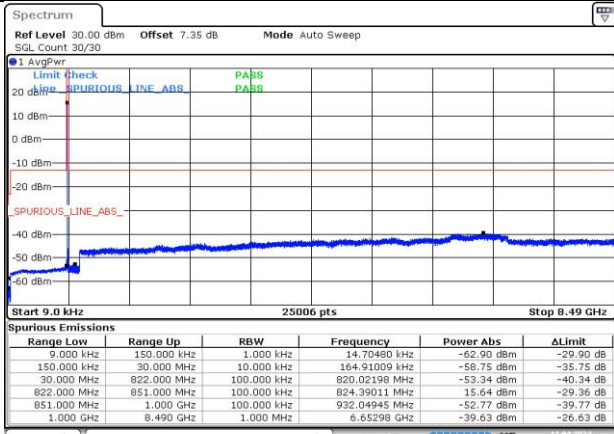
6. Conducted Spurious Emission

6.1. Test Plots



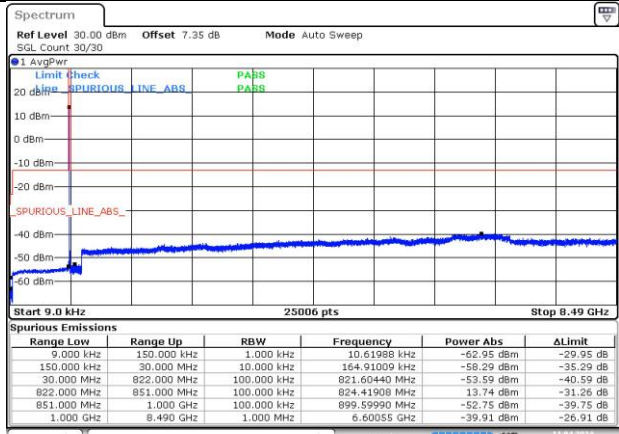
DC_7A_n26A / 15KHz / 10MHz

LCH_DFT-Pi2BPSK / Edge_1RB_Left



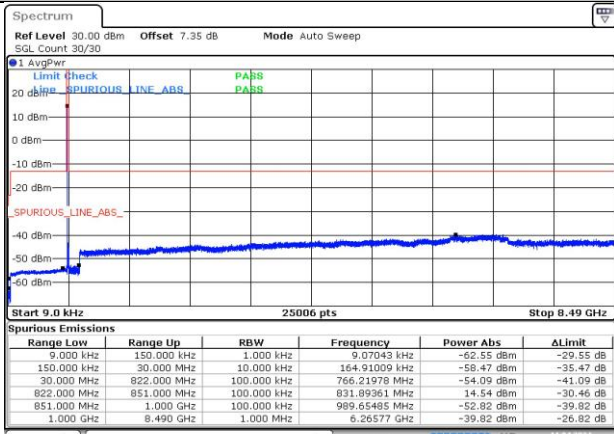
Date: 11.APR.2024 20:58:41

LCH_DFT-QPSK / Edge_1RB_Left



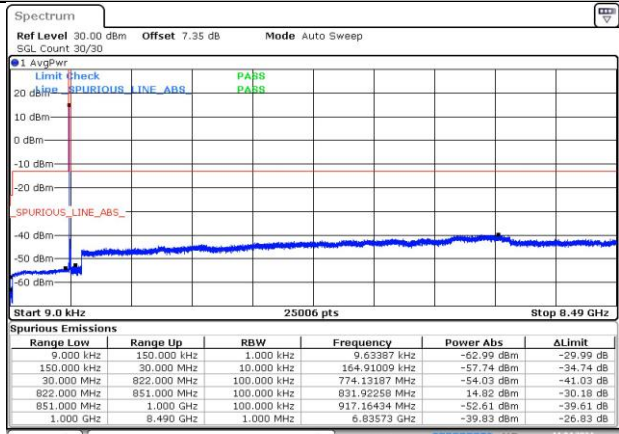
Date: 11.APR.2024 20:58:56

MCH_DFT-Pi2BPSK / Edge_1RB_Left



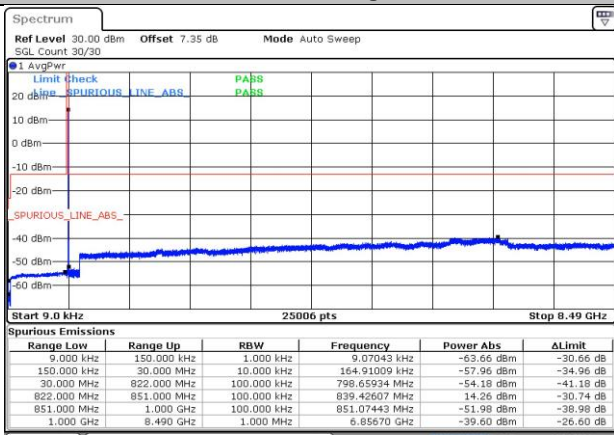
Date: 11.APR.2024 20:59:13

MCH_DFT-QPSK / Edge_1RB_Left



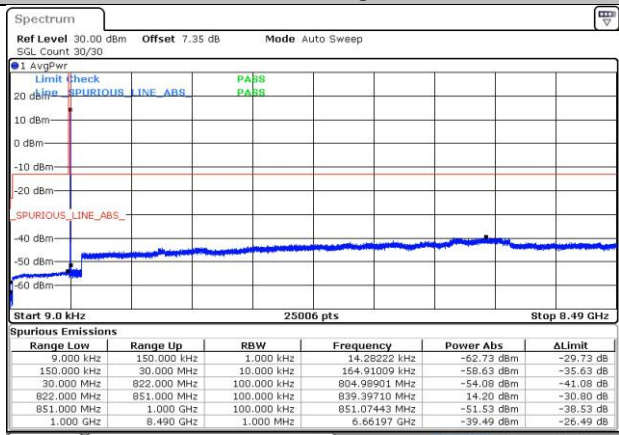
Date: 11.APR.2024 20:59:28

HCH_DFT-Pi2BPSK / Edge_1RB_Left



Date: 11.APR.2024 20:59:44

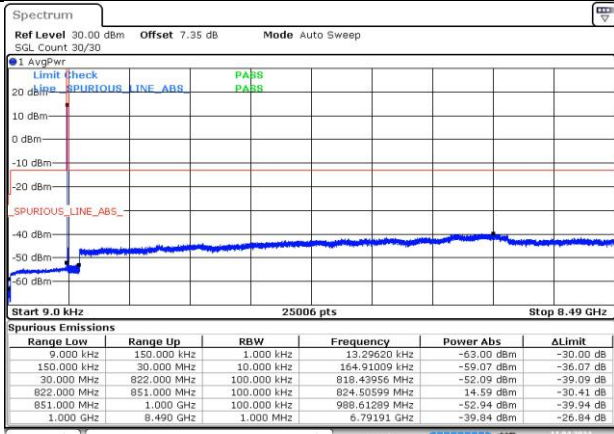
HCH_DFT-QPSK / Edge_1RB_Left



Date: 11.APR.2024 21:00:00

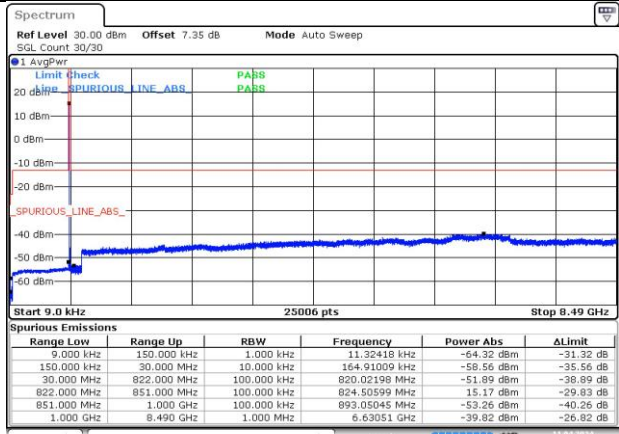
DC_7A_n26A / 15KHz / 15MHz

LCH_DFT-Pi2BPSK / Edge_1RB_Left



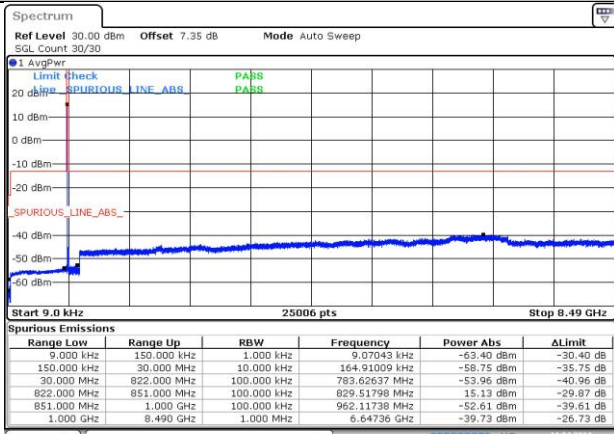
Date: 11.APR.2024 21:01:44

LCH_DFT-QPSK / Edge_1RB_Left



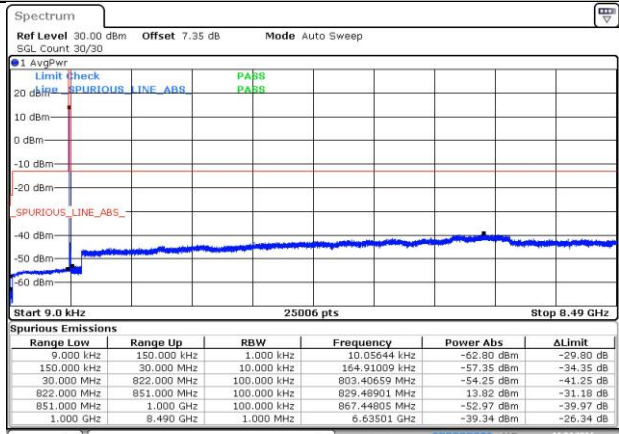
Date: 11.APR.2024 21:01:59

MCH_DFT-Pi2BPSK / Edge_1RB_Left



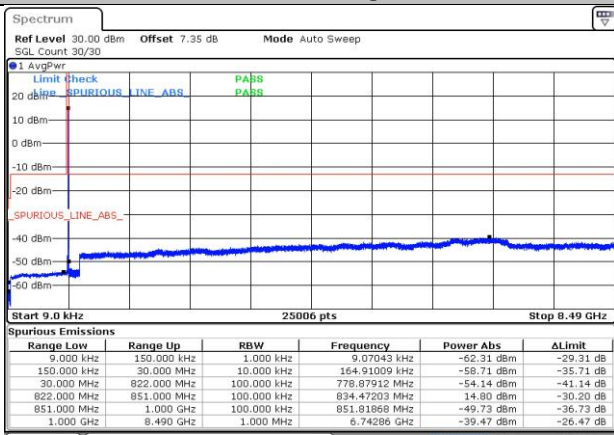
Date: 11.APR.2024 21:02:15

MCH_DFT-QPSK / Edge_1RB_Left



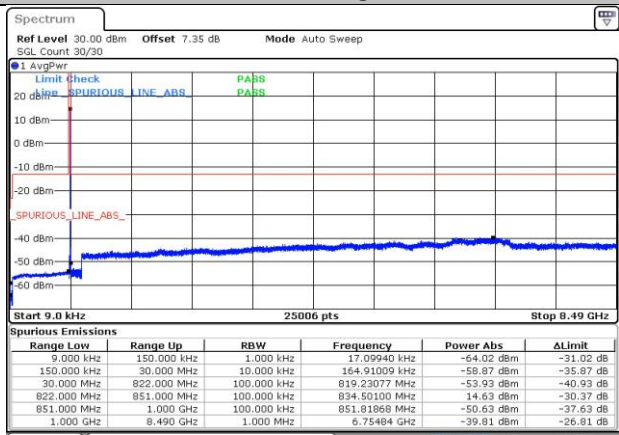
Date: 11.APR.2024 21:02:31

HCH_DFT-Pi2BPSK / Edge_1RB_Left



Date: 11.APR.2024 21:02:47

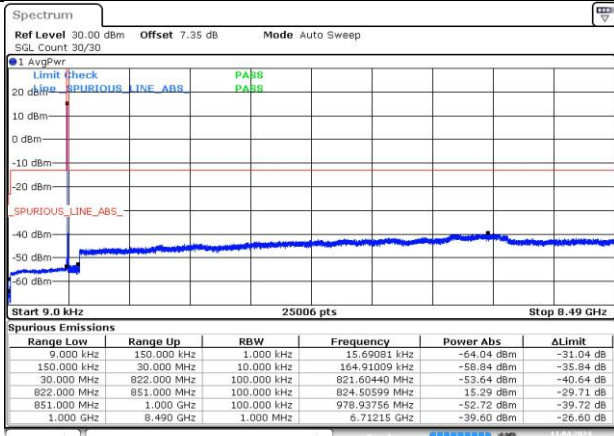
HCH_DFT-QPSK / Edge_1RB_Left



Date: 11.APR.2024 21:03:02

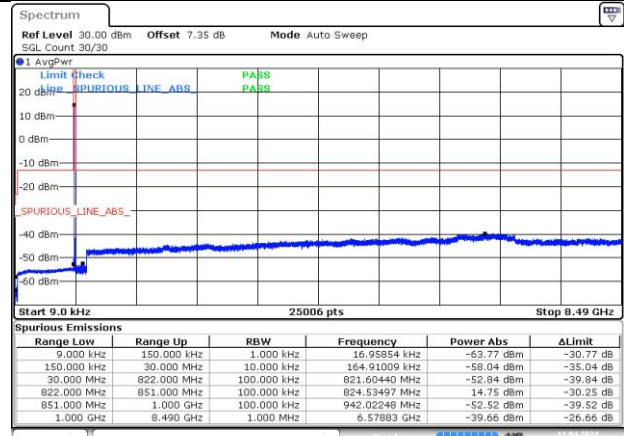
DC_7A_n26A / 15KHz / 20MHz

LCH_DFT-Pi2BPSK / Edge_1RB_Left



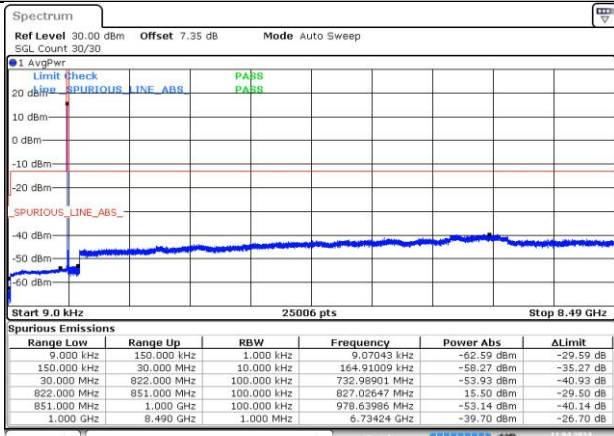
Date: 11.APR.2024 21:04:17

LCH_DFT-QPSK / Edge_1RB_Left



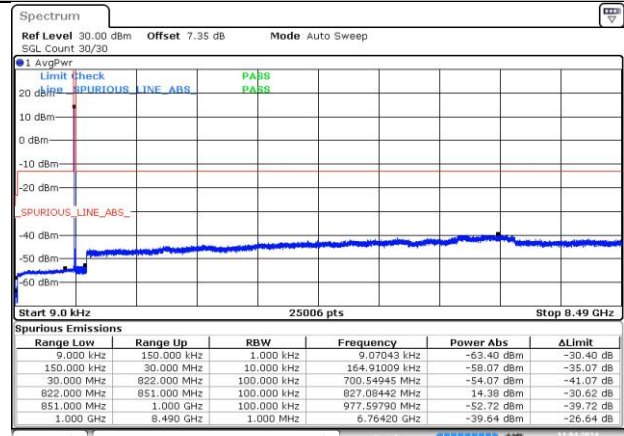
Date: 11.APR.2024 21:05:02

MCH_DFT-Pi2BPSK / Edge_1RB_Left



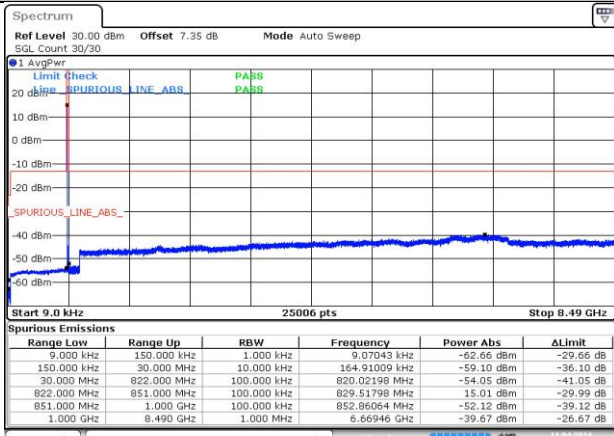
Date: 11.APR.2024 21:05:19

MCH_DFT-QPSK / Edge_1RB_Left



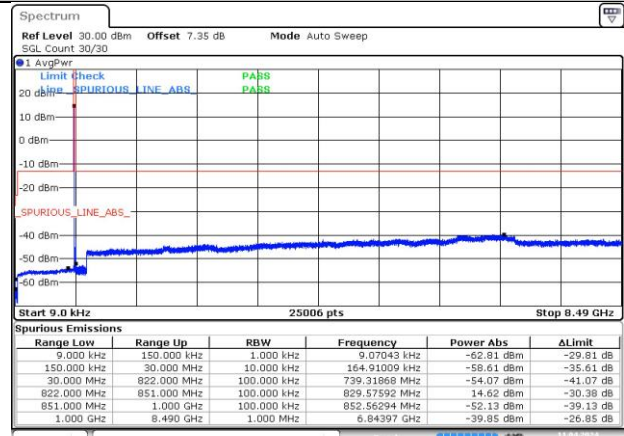
Date: 11.APR.2024 21:05:34

HCH_DFT-Pi2BPSK / Edge_1RB_Left



Date: 11.APR.2024 21:05:50

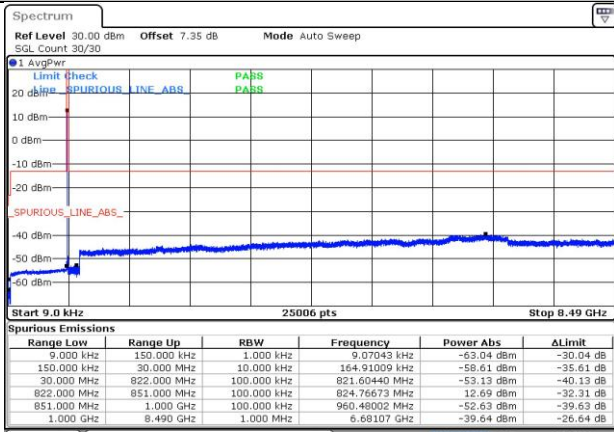
HCH_DFT-QPSK / Edge_1RB_Left



Date: 11.APR.2024 21:06:05

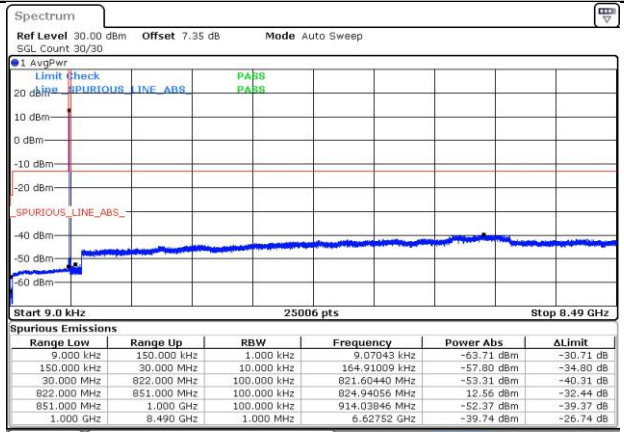
DC_7A_n26A / 30KHz / 10MHz

LCH_DFT-Pi2BPSK / Edge_1RB_Left



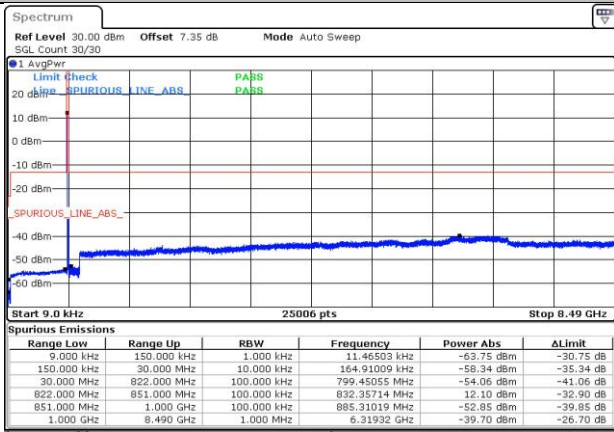
Date: 11.APR.2024 21:06:27

LCH_DFT-QPSK / Edge_1RB_Left



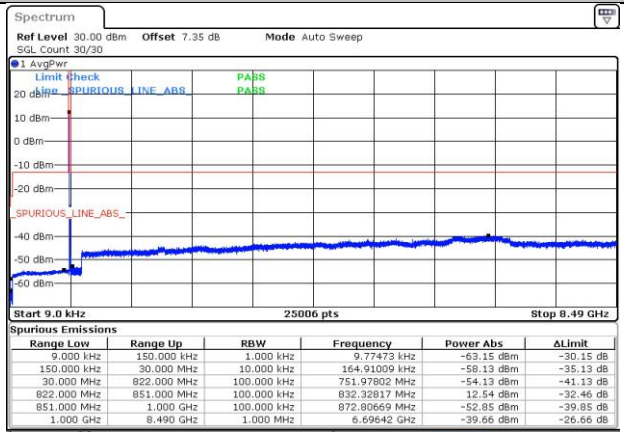
Date: 11.APR.2024 21:06:42

MCH_DFT-Pi2BPSK / Edge_1RB_Left



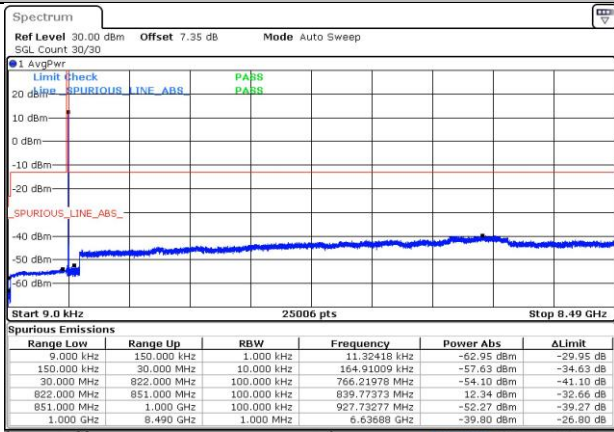
Date: 11.APR.2024 21:06:58

MCH_DFT-QPSK / Edge_1RB_Left



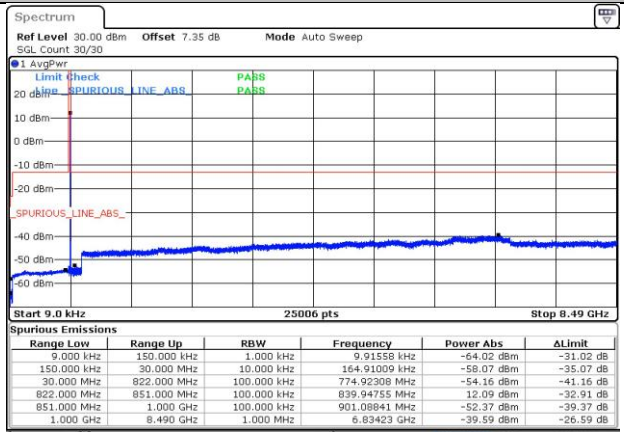
Date: 11.APR.2024 21:07:14

HCH_DFT-Pi2BPSK / Edge_1RB_Left



Date: 11.APR.2024 21:07:30

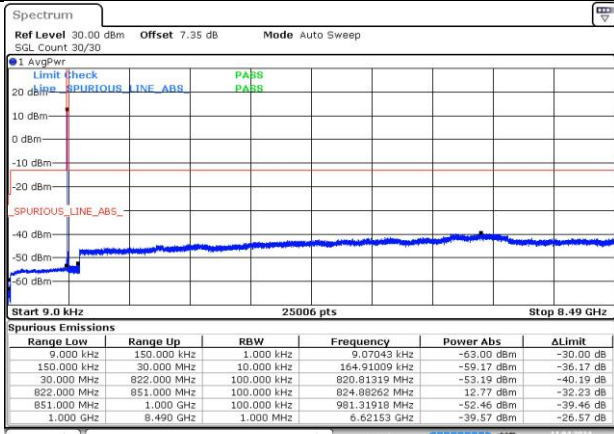
HCH_DFT-QPSK / Edge_1RB_Left



Date: 11.APR.2024 21:07:46

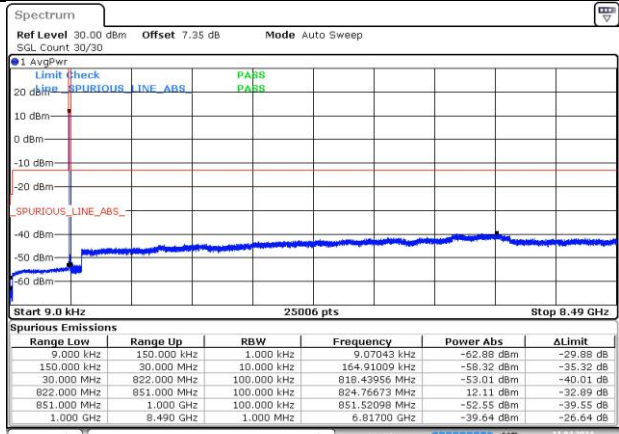
DC_7A_n26A / 30KHz / 15MHz

LCH_DFT-Pi2BPSK / Edge_1RB_Left



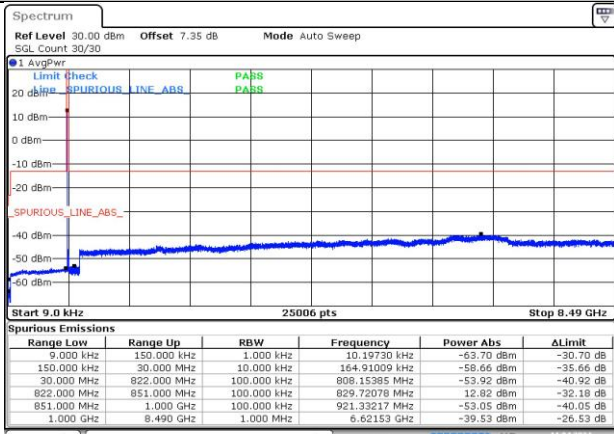
Date: 11.APR.2024 21:09:30

LCH_DFT-QPSK / Edge_1RB_Left



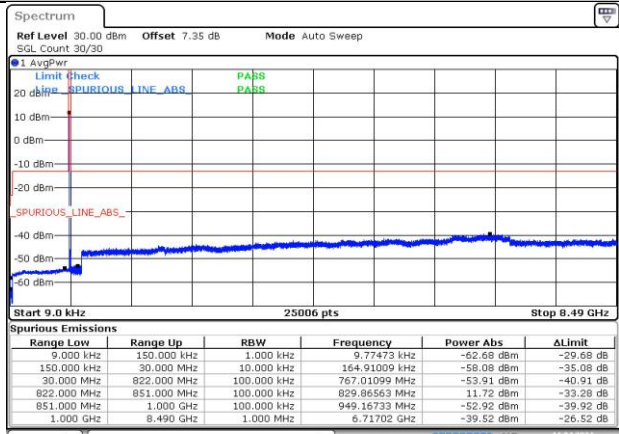
Date: 11.APR.2024 21:09:45

MCH_DFT-Pi2BPSK / Edge_1RB_Left



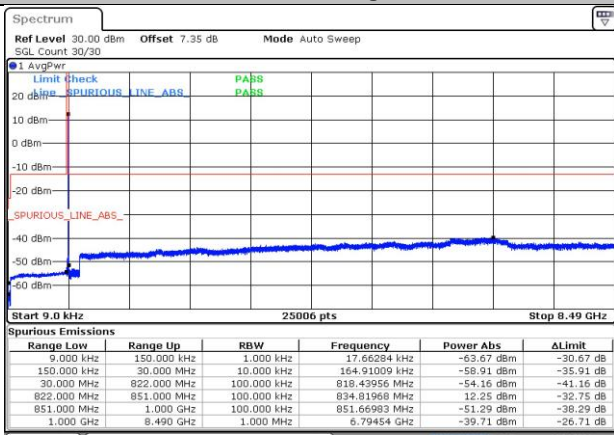
Date: 11.APR.2024 21:10:01

MCH_DFT-QPSK / Edge_1RB_Left



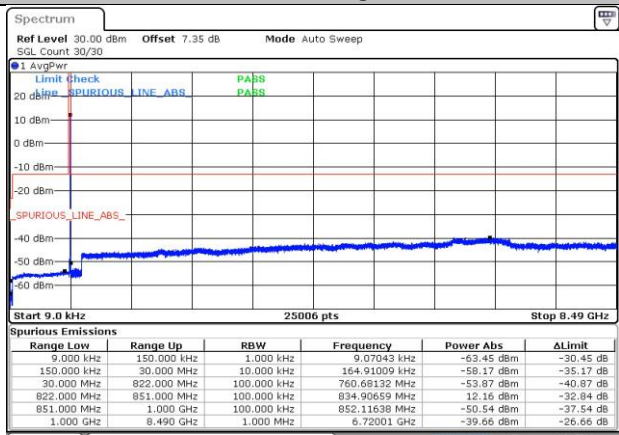
Date: 11.APR.2024 21:10:17

HCH_DFT-Pi2BPSK / Edge_1RB_Left



Date: 11.APR.2024 21:10:33

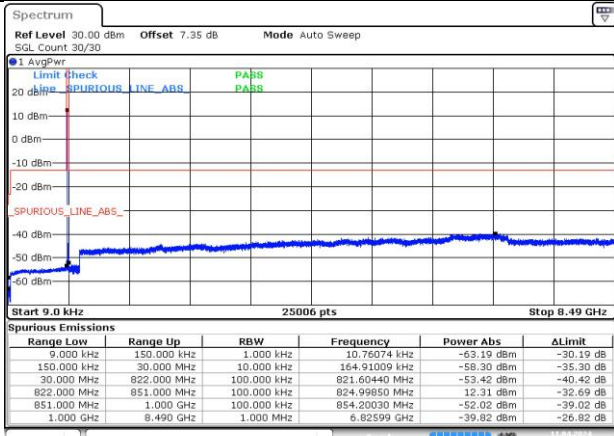
HCH_DFT-QPSK / Edge_1RB_Left



Date: 11.APR.2024 21:10:49

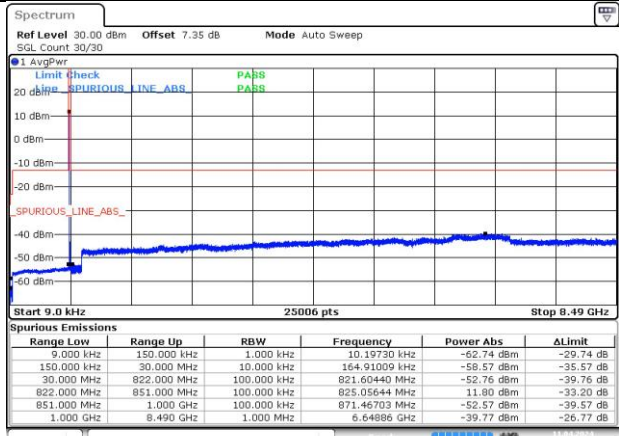
DC_7A_n26A / 30KHz / 20MHz

LCH_DFT-Pi2BPSK / Edge_1RB_Left



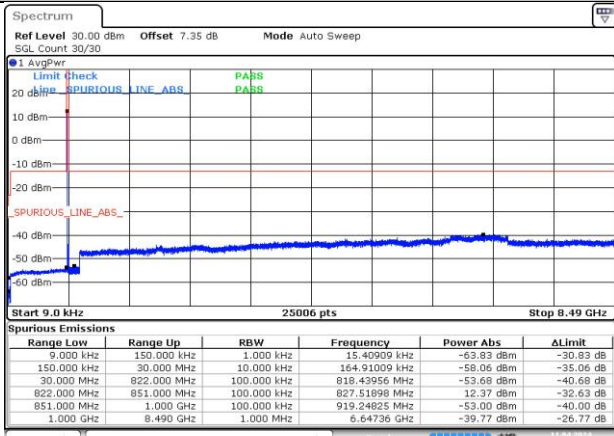
Date: 11.APR.2024 21:13:14

LCH_DFT-QPSK / Edge_1RB_Left



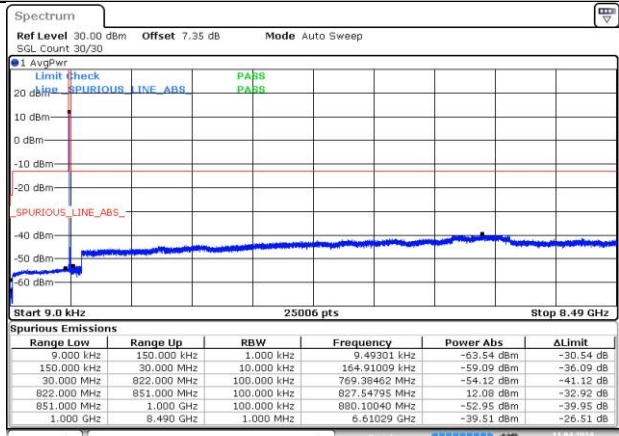
Date: 11.APR.2024 21:13:29

MCH_DFT-Pi2BPSK / Edge_1RB_Left



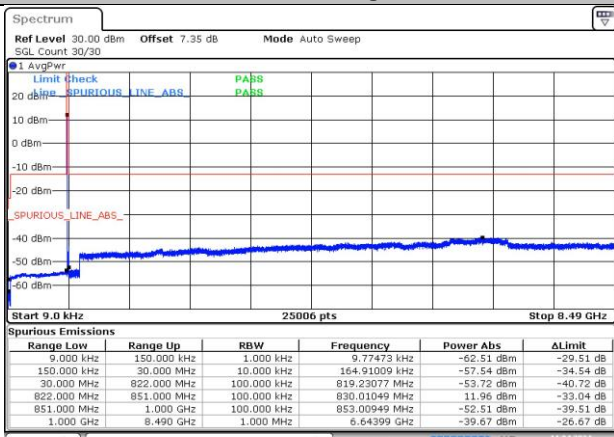
Date: 11.APR.2024 21:13:45

MCH_DFT-QPSK / Edge_1RB_Left



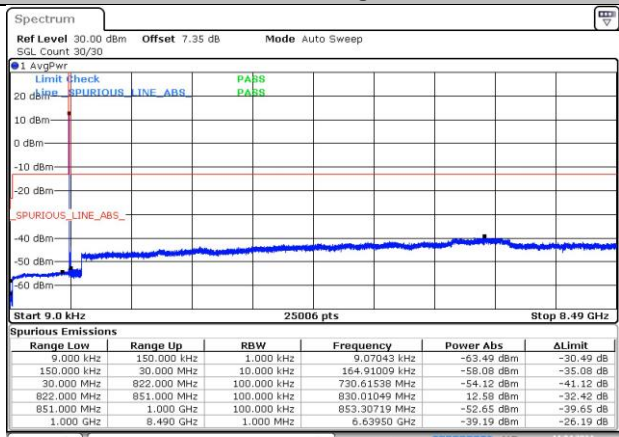
Date: 11.APR.2024 21:14:00

HCH_DFT-Pi2BPSK / Edge_1RB_Left



Date: 11.APR.2024 21:14:16

HCH_DFT-QPSK / Edge_1RB_Left



Date: 11.APR.2024 21:14:31

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	20MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-4.90	-0.005858	Pass
15KHz	20MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-5.10	-0.006097	Pass
15KHz	20MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-5.10	-0.006097	Pass
30KHz	20MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	4.10	0.004901	Pass
30KHz	20MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	8.20	0.009803	Pass
30KHz	20MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	4.10	0.004901	Pass

7.1.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
15KHz	20MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	-5.80	-0.006934	Pass
15KHz	20MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-5.20	-0.006216	Pass
15KHz	20MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-3.20	-0.003825	Pass
15KHz	20MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-4.90	-0.005858	Pass
15KHz	20MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-6.10	-0.007292	Pass
15KHz	20MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-5.30	-0.006336	Pass
15KHz	20MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-7.00	-0.008368	Pass
15KHz	20MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-4.50	-0.005380	Pass
15KHz	20MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-6.80	-0.008129	Pass
30KHz	20MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	6.90	0.008249	Pass
30KHz	20MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	6.20	0.007412	Pass
30KHz	20MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	8.00	0.009564	Pass
30KHz	20MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	5.30	0.006336	Pass
30KHz	20MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	5.10	0.006097	Pass
30KHz	20MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	8.80	0.010520	Pass
30KHz	20MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	5.10	0.006097	Pass
30KHz	20MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	5.80	0.006934	Pass
30KHz	20MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	7.00	0.008368	Pass

The End