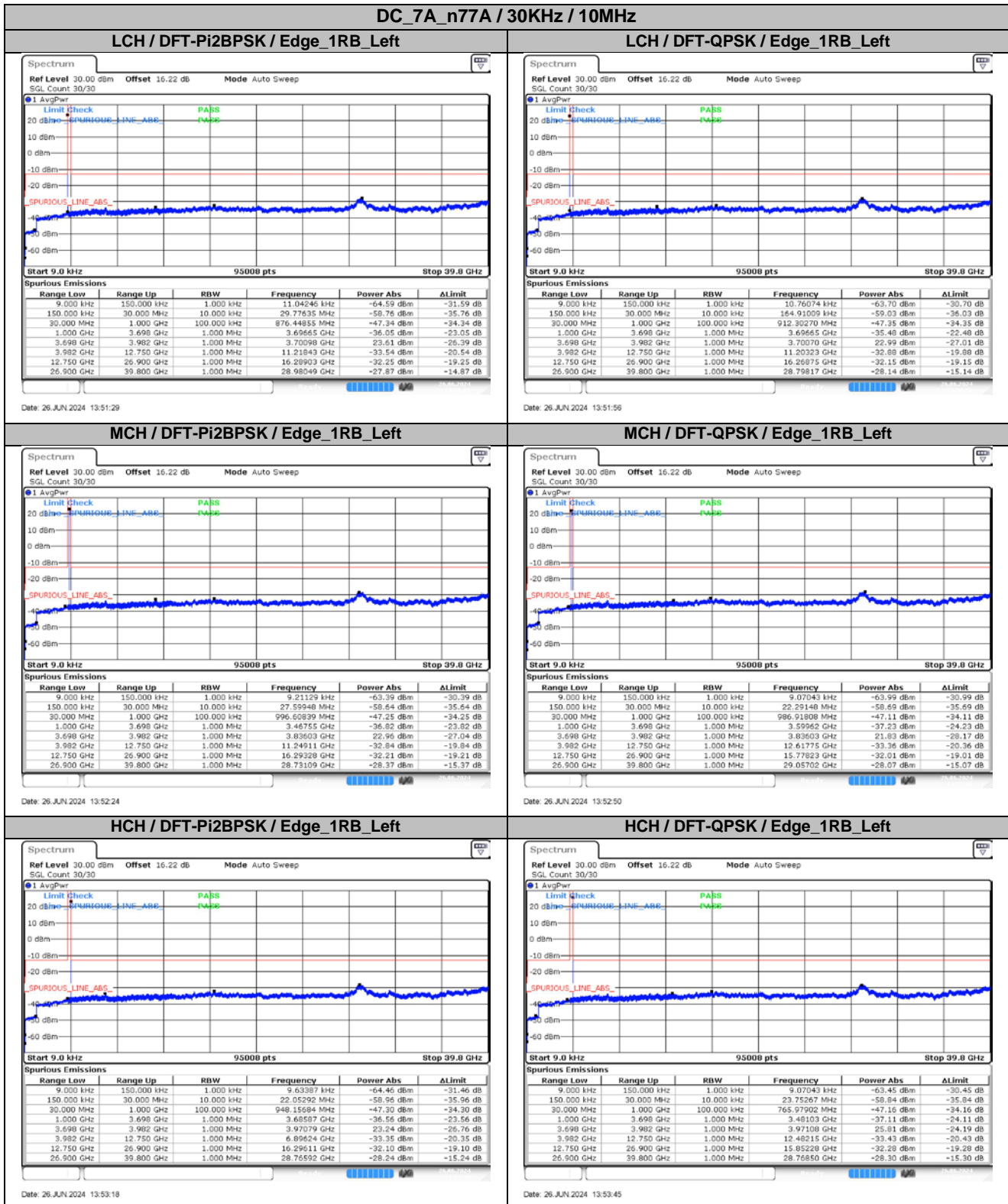


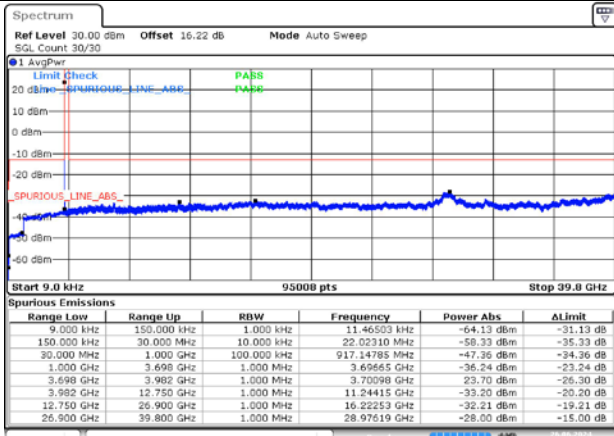
6. Conducted Spurious Emission

6.1. Test Plots



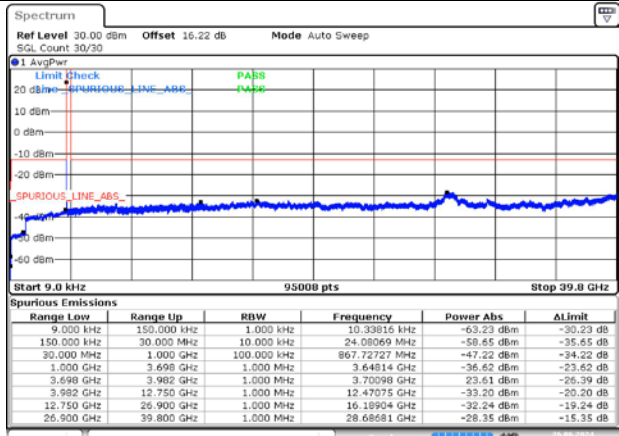
DC_7A_n77A / 30KHz / 15MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



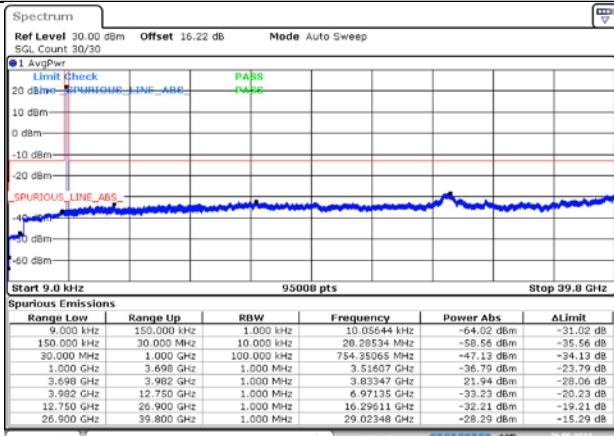
Date: 26 JUN 2024 13:54:15

LCH / DFT-QPSK / Edge_1RB_Left



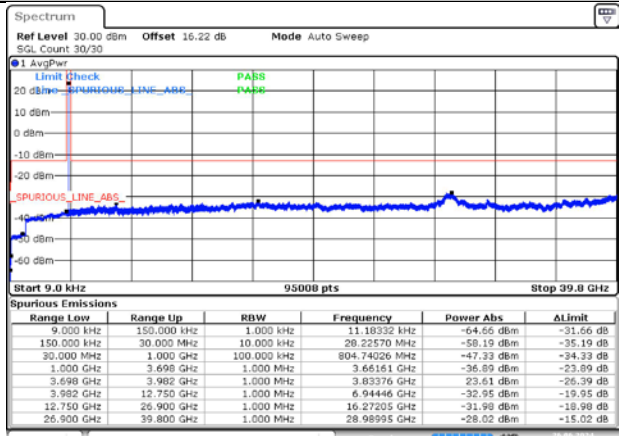
Date: 26 JUN 2024 13:54:42

MCH / DFT-Pi2BPSK / Edge_1RB_Left



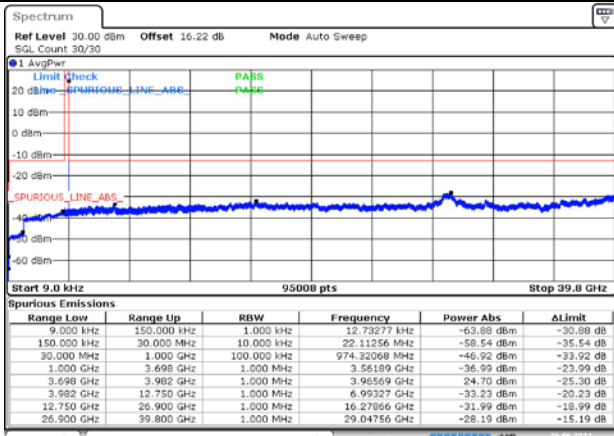
Date: 26 JUN 2024 13:55:10

MCH / DFT-QPSK / Edge_1RB_Left



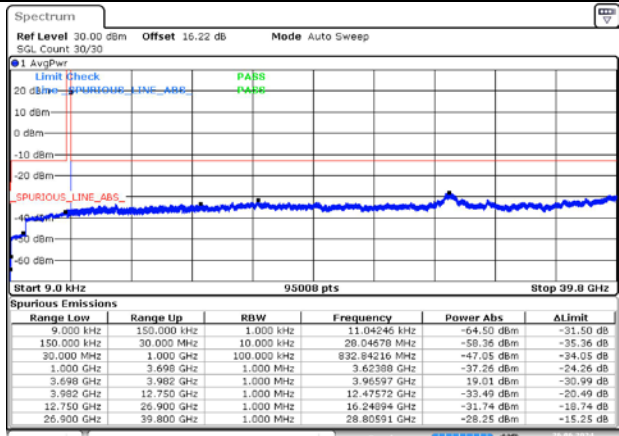
Date: 26 JUN 2024 13:55:37

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 26 JUN 2024 13:56:05

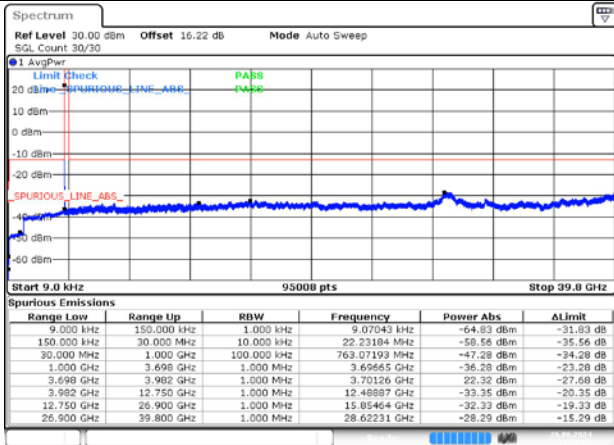
HCH / DFT-QPSK / Edge_1RB_Left



Date: 26 JUN 2024 13:56:32

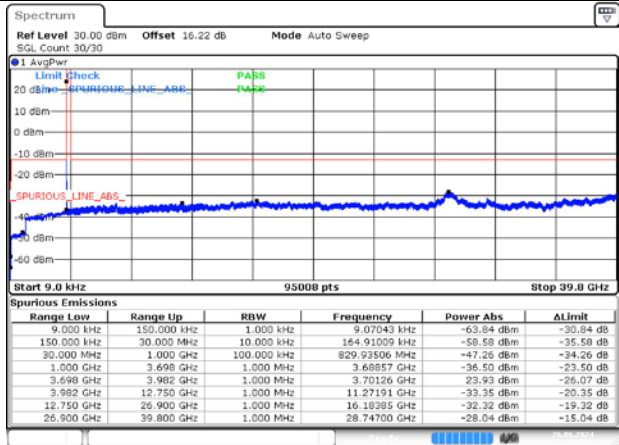
DC_7A_n77A / 30KHz / 20MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



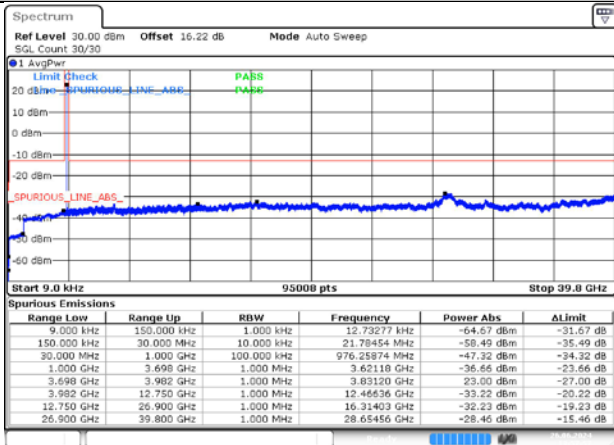
Date: 26 JUN 2024 13:57:02

LCH / DFT-QPSK / Edge_1RB_Left



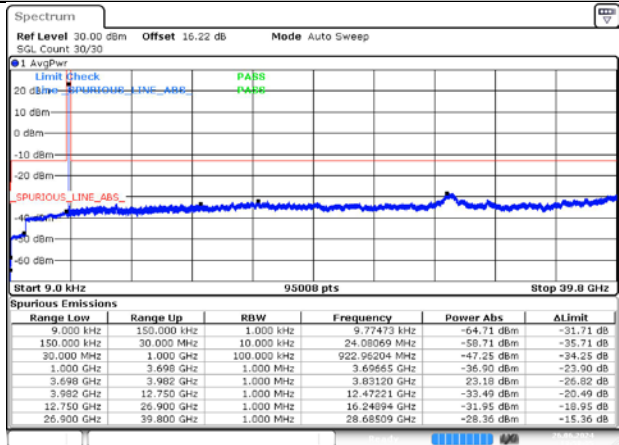
Date: 26 JUN 2024 13:57:29

MCH / DFT-Pi2BPSK / Edge_1RB_Left



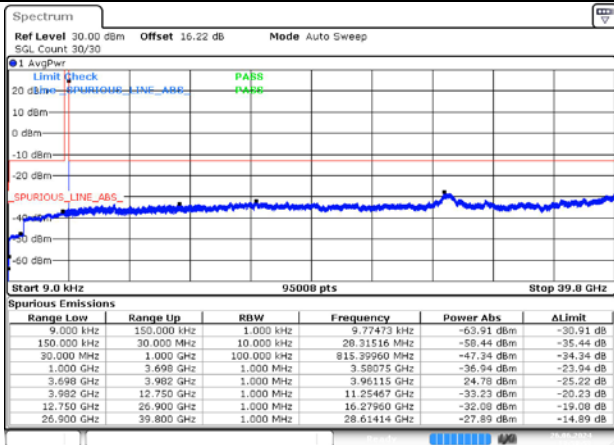
Date: 26 JUN 2024 13:57:57

MCH / DFT-QPSK / Edge_1RB_Left



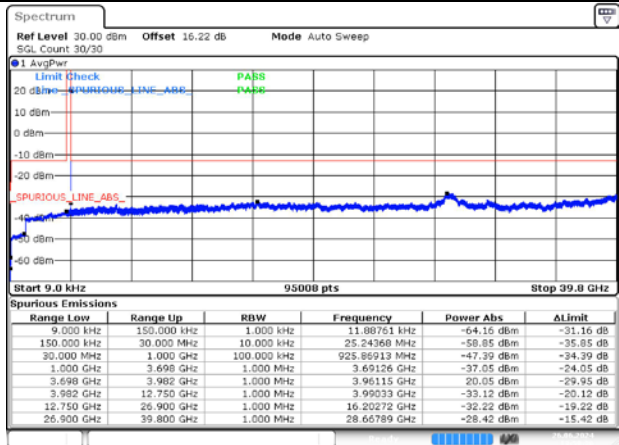
Date: 26 JUN 2024 13:58:24

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 26 JUN 2024 13:58:52

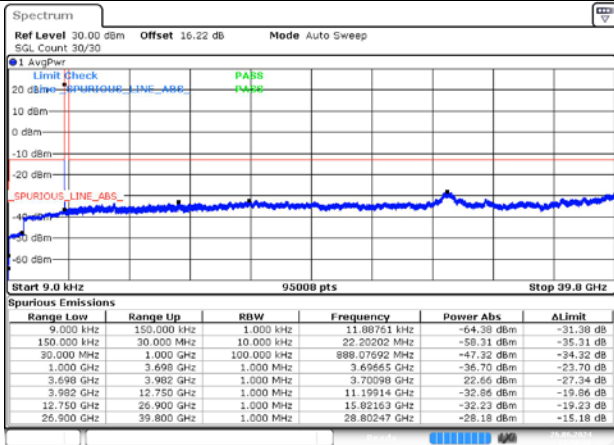
HCH / DFT-QPSK / Edge_1RB_Left



Date: 26 JUN 2024 13:59:19

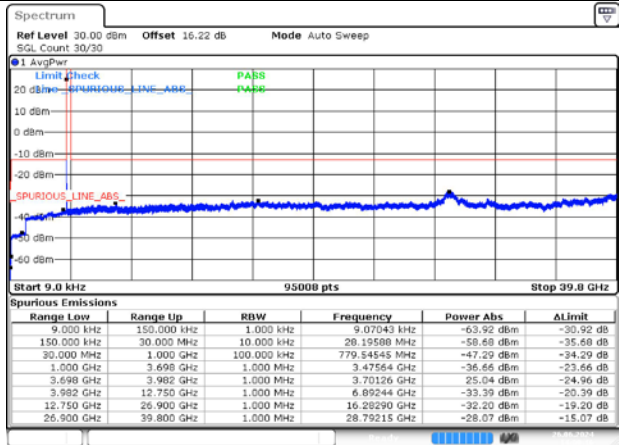
DC_7A_n77A / 30KHz / 25MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



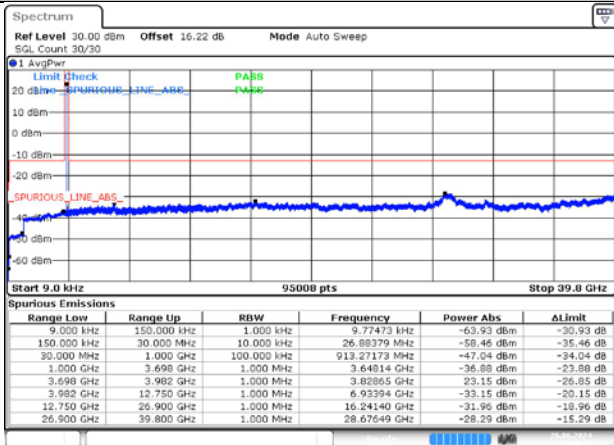
Date: 26 JUN 2024 13:59:49

LCH / DFT-QPSK / Edge_1RB_Left



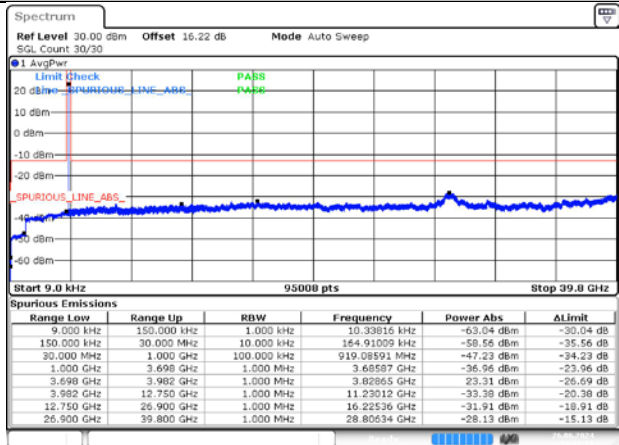
Date: 26 JUN 2024 14:00:16

MCH / DFT-Pi2BPSK / Edge_1RB_Left



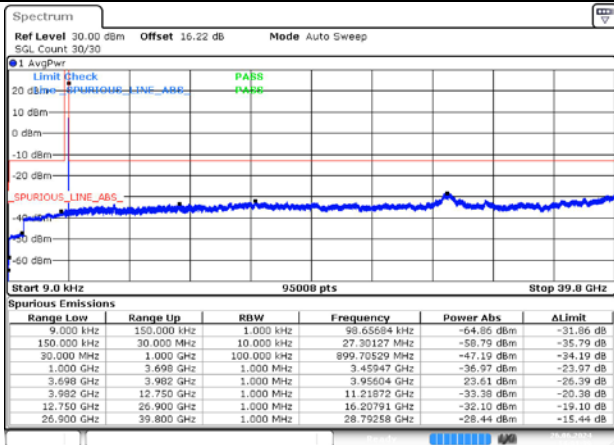
Date: 26 JUN 2024 14:00:44

MCH / DFT-QPSK / Edge_1RB_Left



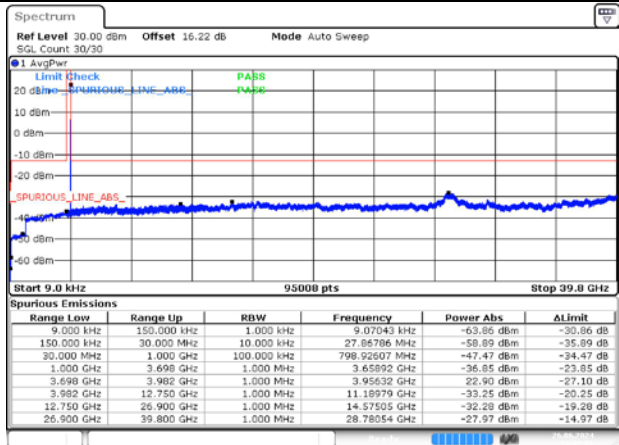
Date: 26 JUN 2024 14:01:11

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:01:39

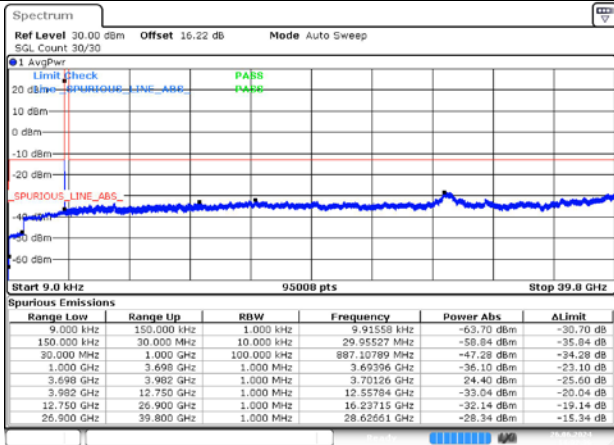
HCH / DFT-QPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:02:06

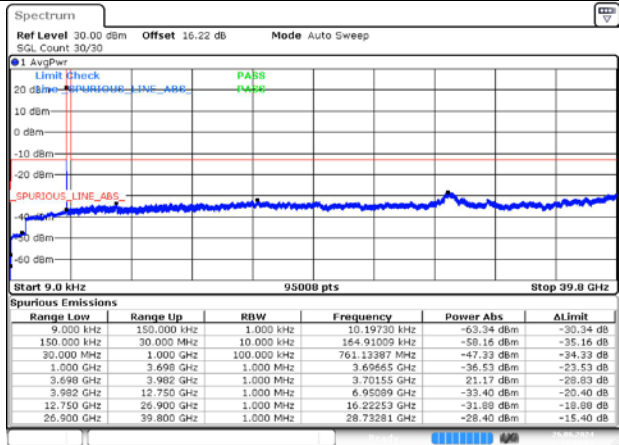
DC_7A_n77A / 30KHz / 30MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



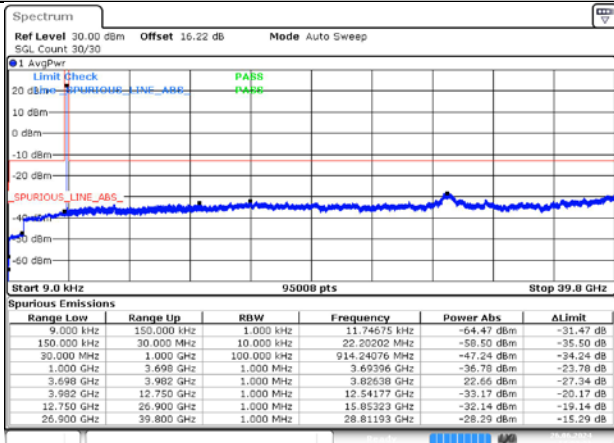
Date: 26 JUN 2024 14:02:39

LCH / DFT-QPSK / Edge_1RB_Left



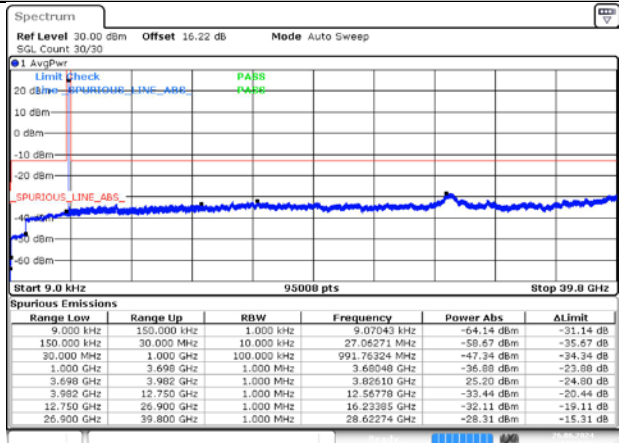
Date: 26 JUN 2024 14:03:02

MCH / DFT-Pi2BPSK / Edge_1RB_Left



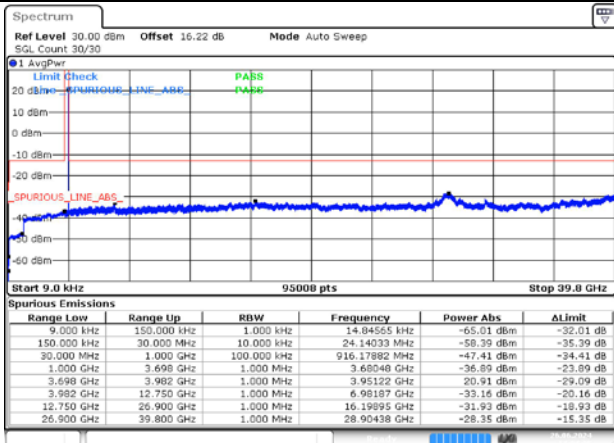
Date: 26 JUN 2024 14:03:30

MCH / DFT-QPSK / Edge_1RB_Left



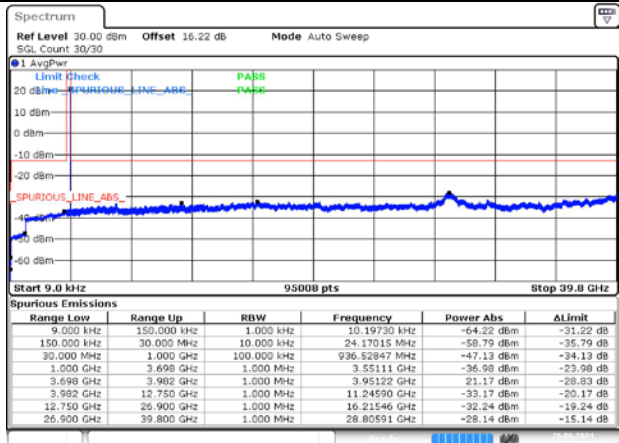
Date: 26 JUN 2024 14:03:57

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:04:25

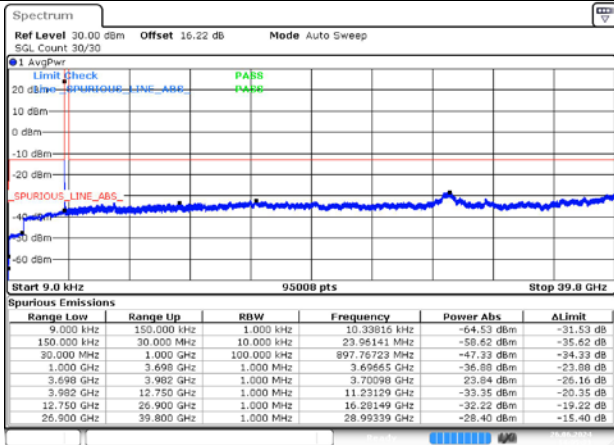
HCH / DFT-QPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:04:52

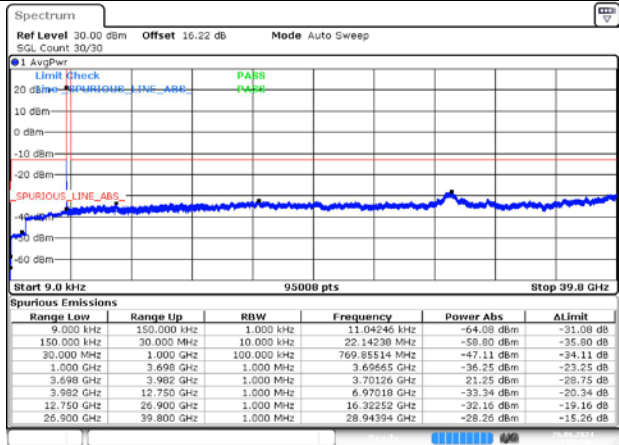
DC_7A_n77A / 30KHz / 40MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



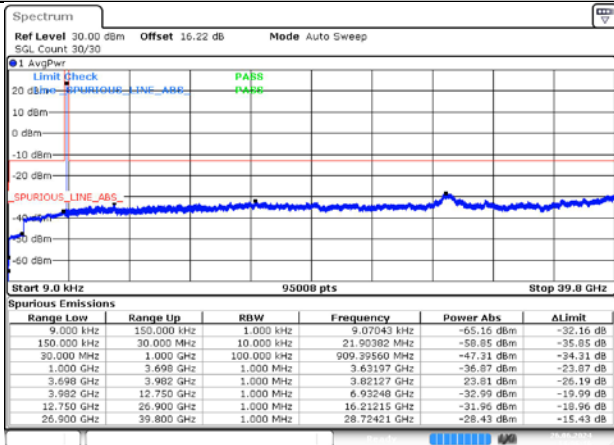
Date: 26 JUN 2024 14:05:22

LCH / DFT-QPSK / Edge_1RB_Left



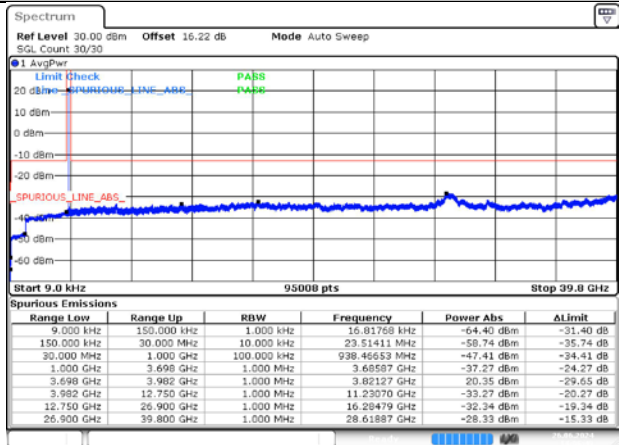
Date: 26 JUN 2024 14:05:48

MCH / DFT-Pi2BPSK / Edge_1RB_Left



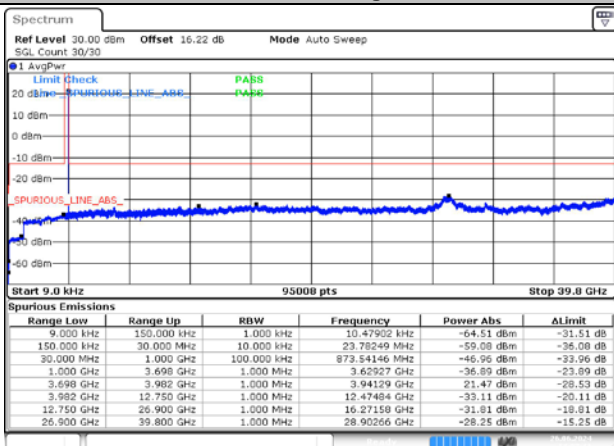
Date: 26 JUN 2024 14:06:18

MCH / DFT-QPSK / Edge_1RB_Left



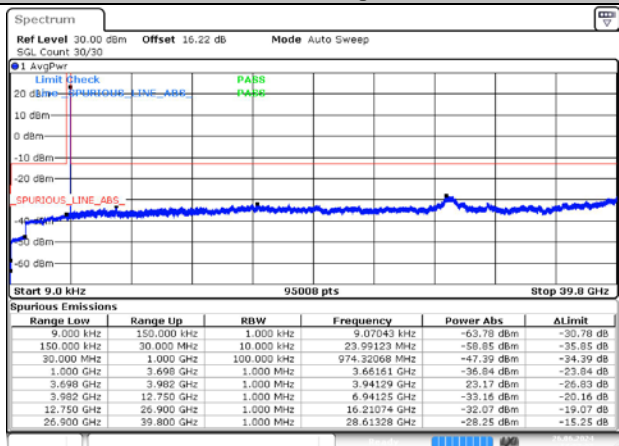
Date: 26 JUN 2024 14:06:43

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:07:11

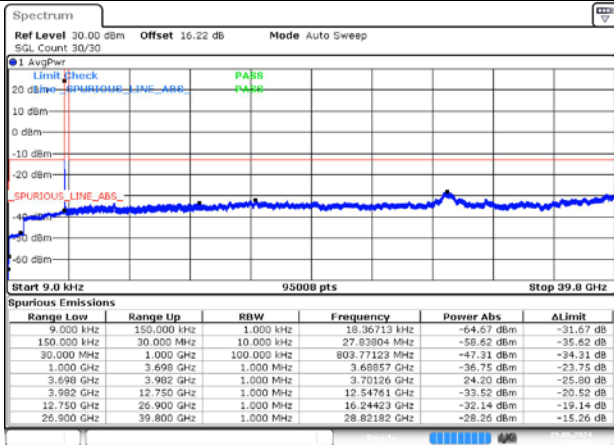
HCH / DFT-QPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:07:37

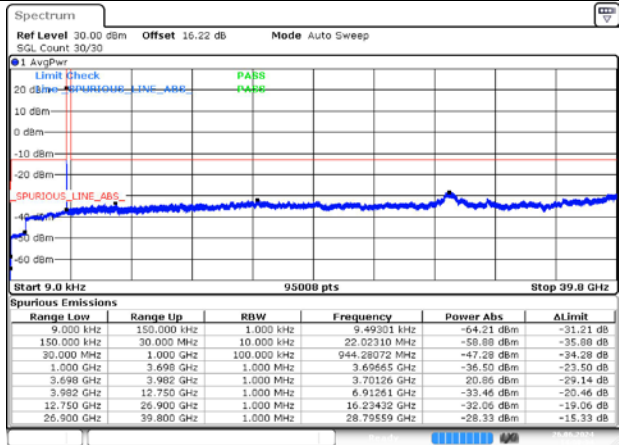
DC_7A_n77A / 30KHz / 50MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



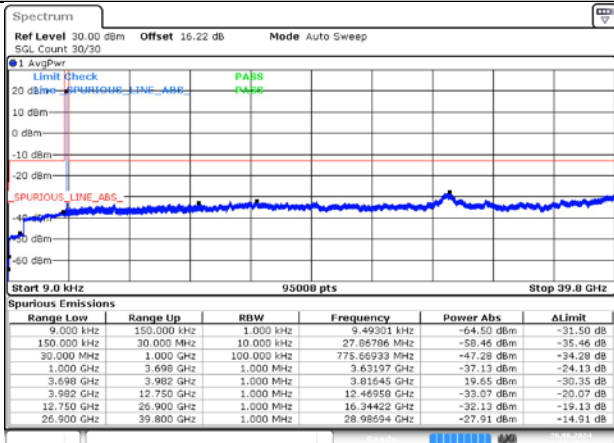
Date: 26 JUN 2024 14:08:07

LCH / DFT-QPSK / Edge_1RB_Left



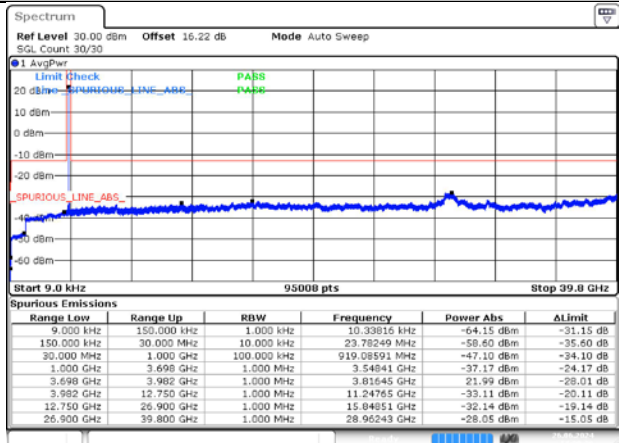
Date: 26 JUN 2024 14:08:34

MCH / DFT-Pi2BPSK / Edge_1RB_Left



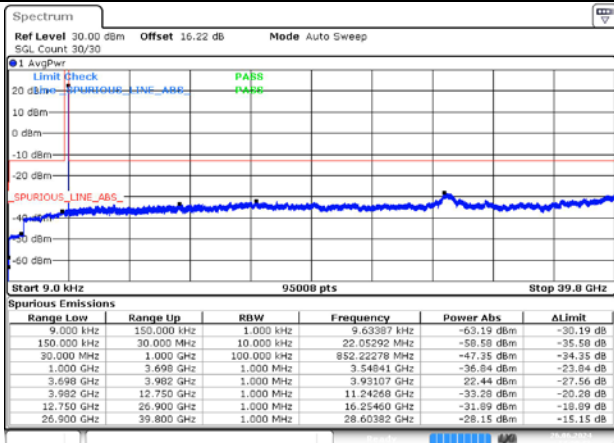
Date: 26 JUN 2024 14:09:01

MCH / DFT-QPSK / Edge_1RB_Left



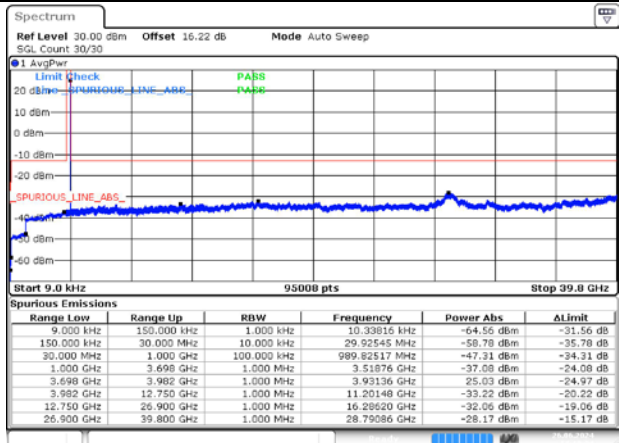
Date: 26 JUN 2024 14:09:28

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:09:56

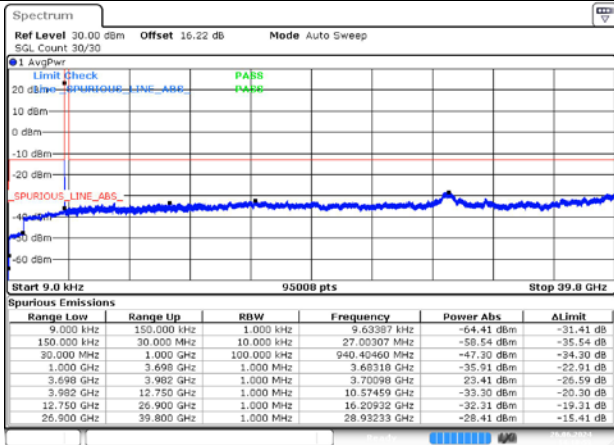
HCH / DFT-QPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:10:23

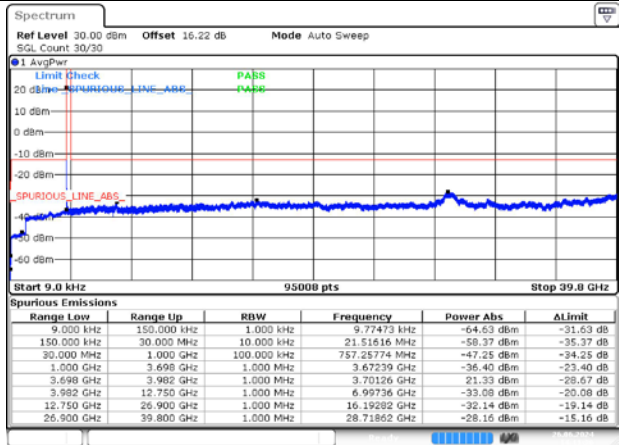
DC_7A_n77A / 30KHz / 60MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



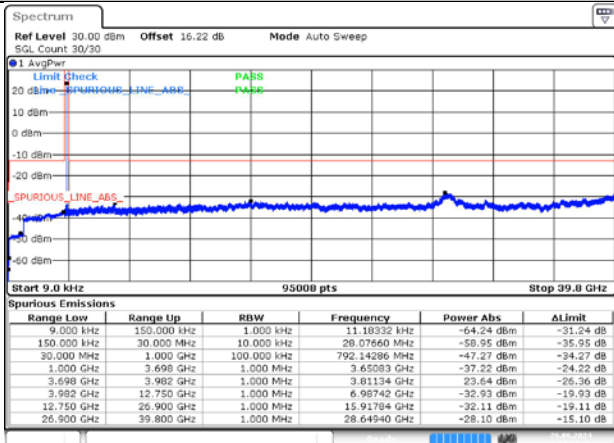
Date: 26 JUN 2024 14:10:53

LCH / DFT-QPSK / Edge_1RB_Left



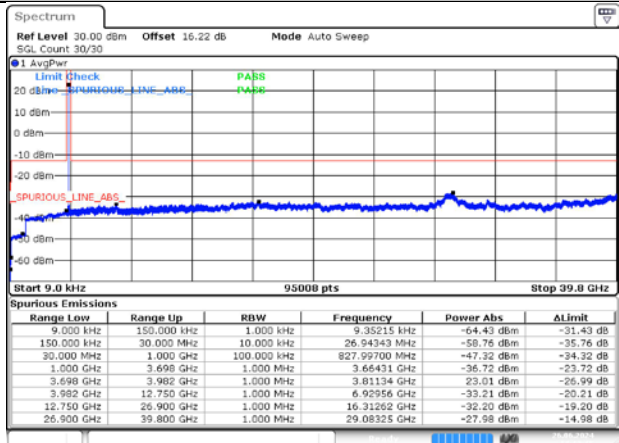
Date: 26 JUN 2024 14:11:20

MCH / DFT-Pi2BPSK / Edge_1RB_Left



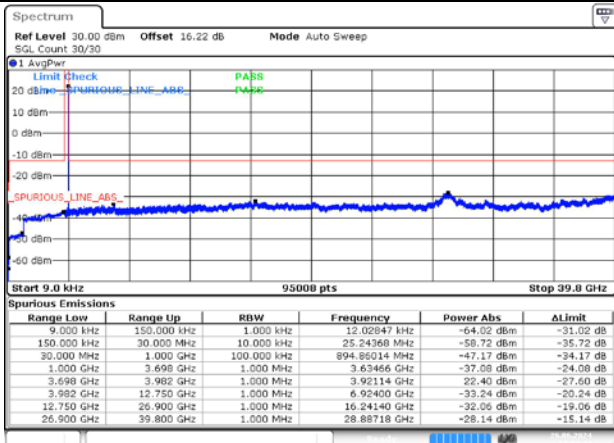
Date: 26 JUN 2024 14:11:48

MCH / DFT-QPSK / Edge_1RB_Left



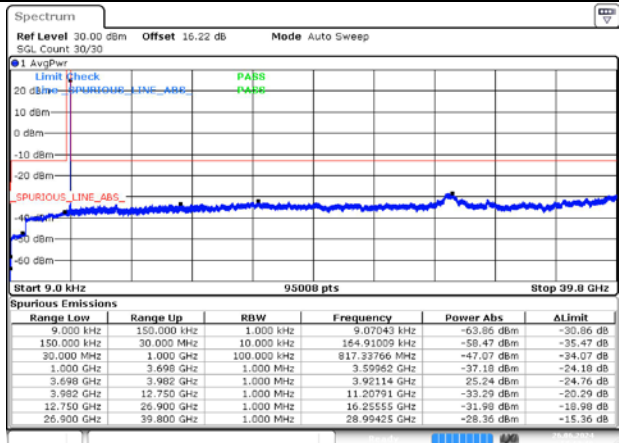
Date: 26 JUN 2024 14:12:15

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:12:43

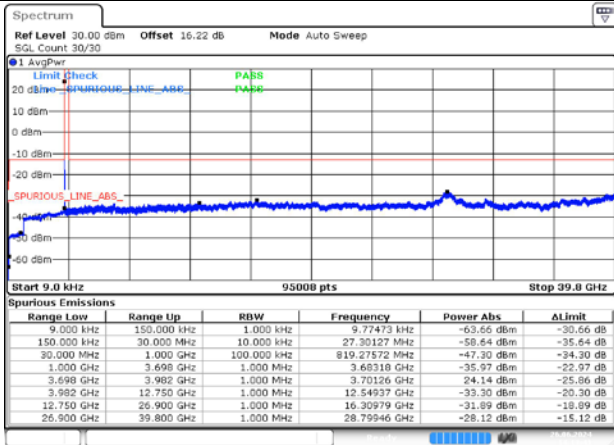
HCH / DFT-QPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:13:10

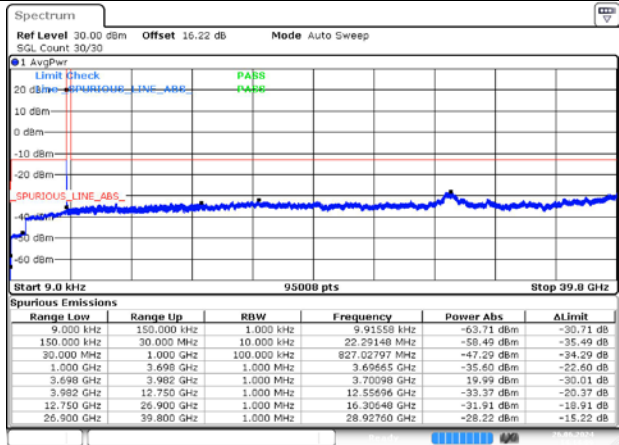
DC_7A_n77A / 30KHz / 70MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



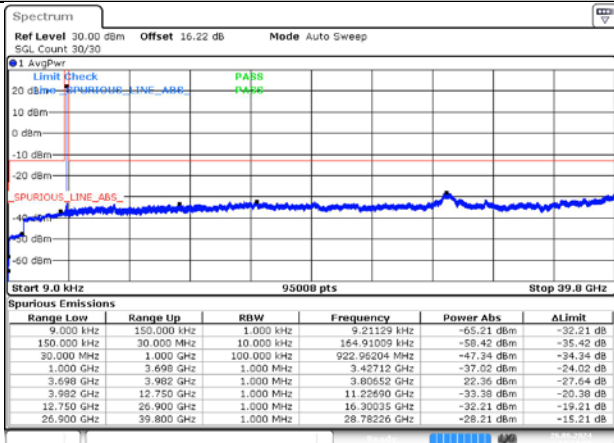
Date: 26 JUN 2024 14:13:41

LCH / DFT-QPSK / Edge_1RB_Left



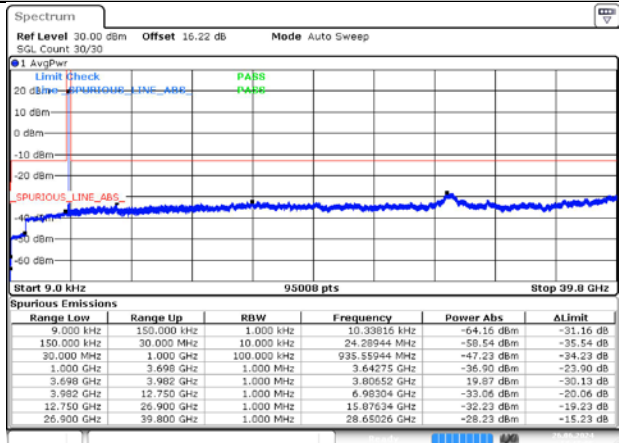
Date: 26 JUN 2024 14:14:09

MCH / DFT-Pi2BPSK / Edge_1RB_Left



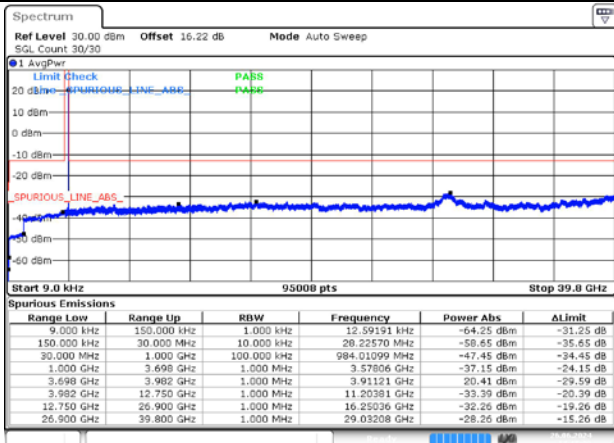
Date: 26 JUN 2024 14:13:37

MCH / DFT-QPSK / Edge_1RB_Left



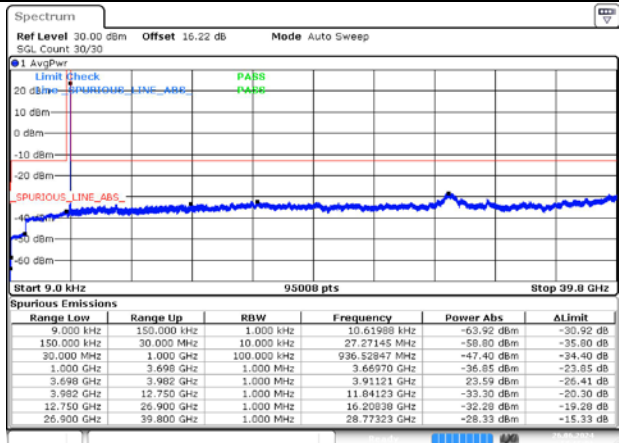
Date: 26 JUN 2024 14:15:05

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:15:33

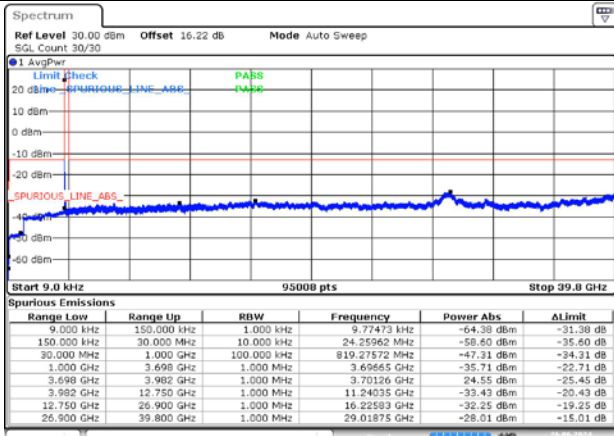
HCH / DFT-QPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:16:01

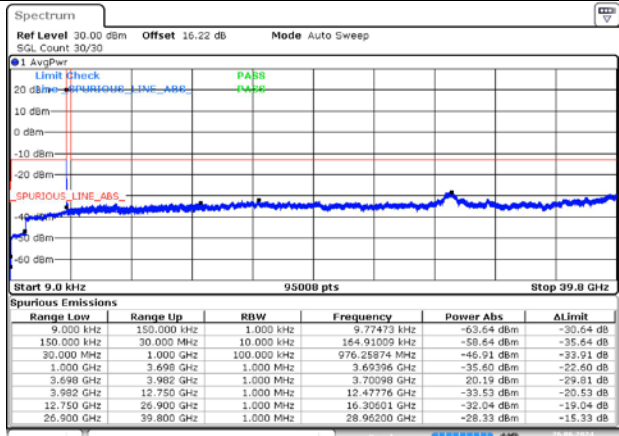
DC_7A_n77A / 30KHz / 80MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



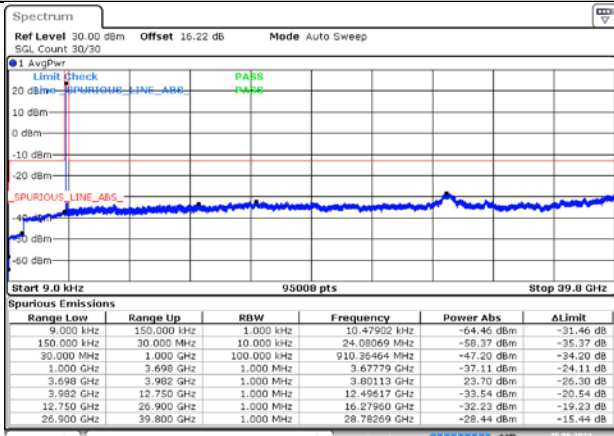
Date: 26 JUN 2024 14:16:31

LCH / DFT-QPSK / Edge_1RB_Left



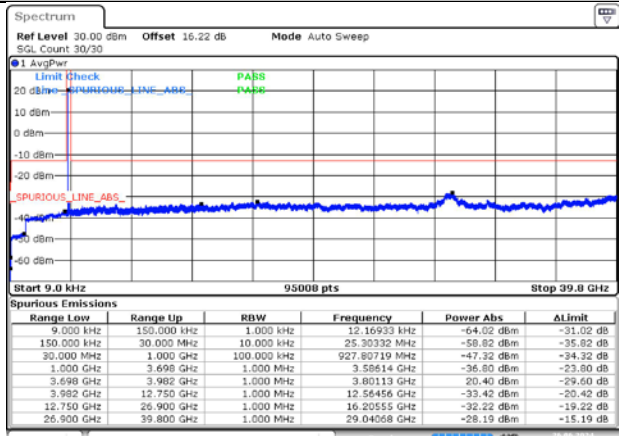
Date: 26 JUN 2024 14:16:59

MCH / DFT-Pi2BPSK / Edge_1RB_Left



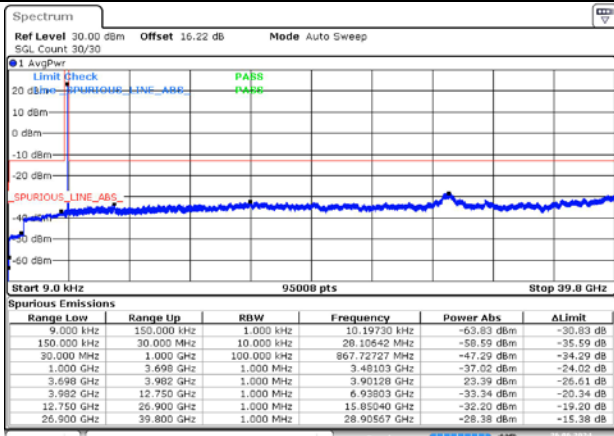
Date: 26 JUN 2024 14:17:27

MCH / DFT-QPSK / Edge_1RB_Left



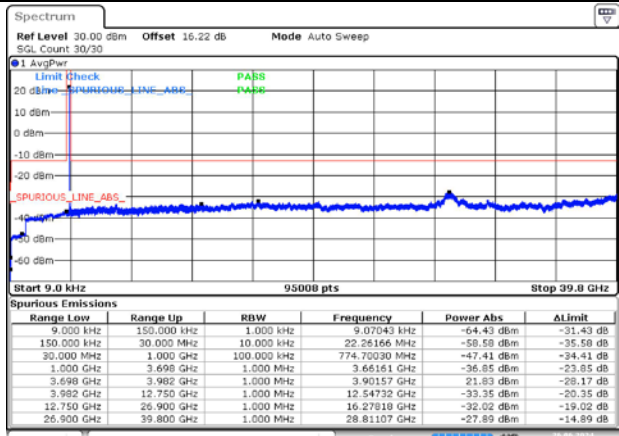
Date: 26 JUN 2024 14:17:54

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:18:23

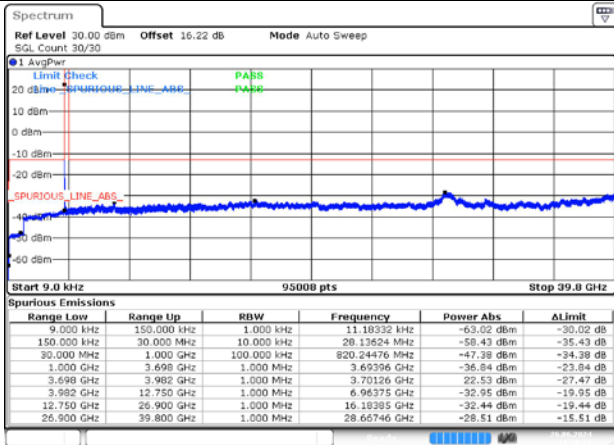
HCH / DFT-QPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:18:51

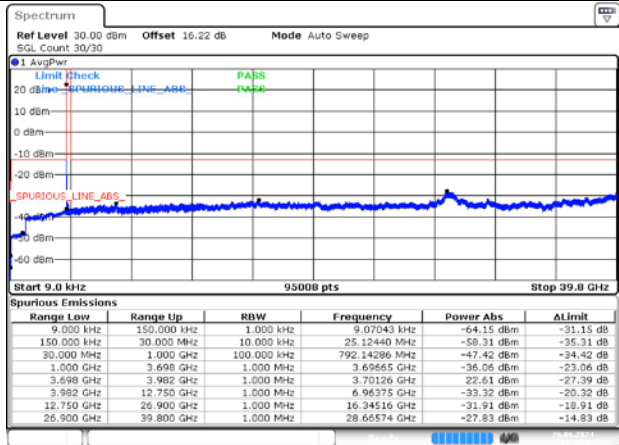
DC_7A_n77A / 30KHz / 90MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



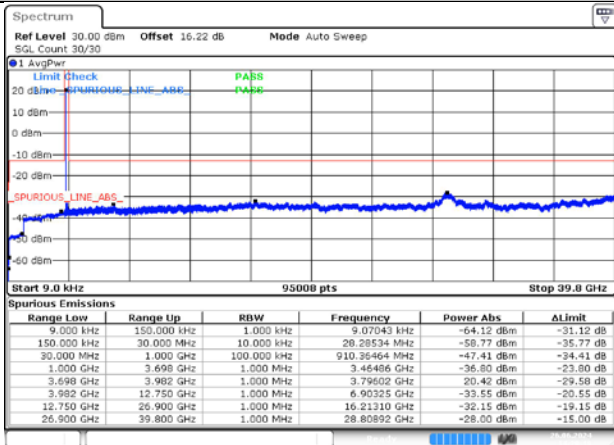
Date: 26 JUN 2024 14:19:21

LCH / DFT-QPSK / Edge_1RB_Left



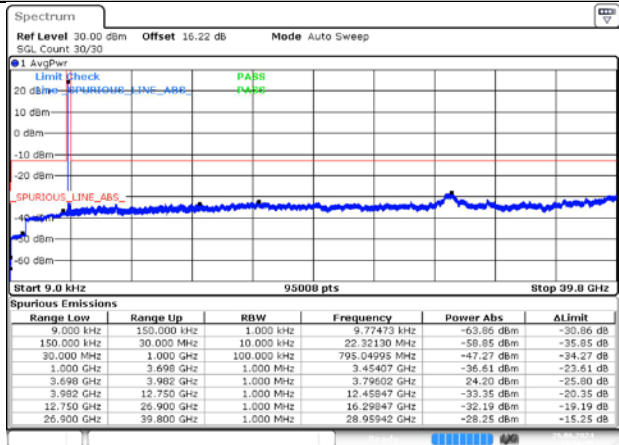
Date: 26 JUN 2024 14:19:49

MCH / DFT-Pi2BPSK / Edge_1RB_Left



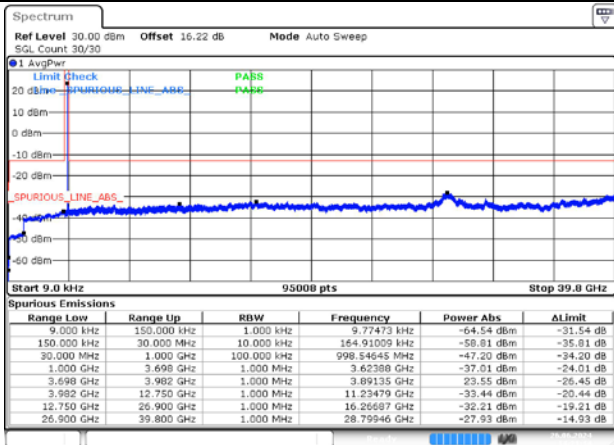
Date: 26 JUN 2024 14:20:18

MCH / DFT-QPSK / Edge_1RB_Left



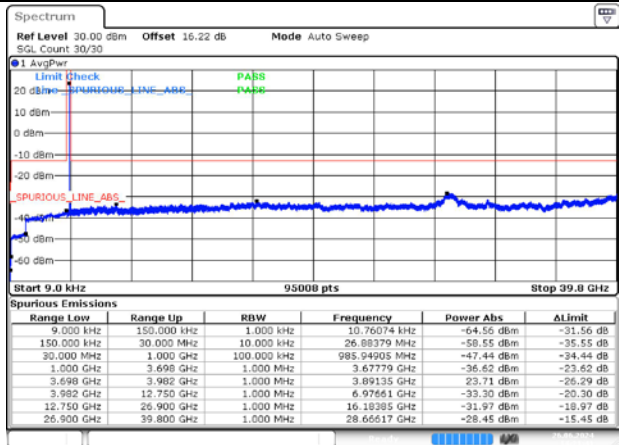
Date: 26 JUN 2024 14:20:45

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:21:13

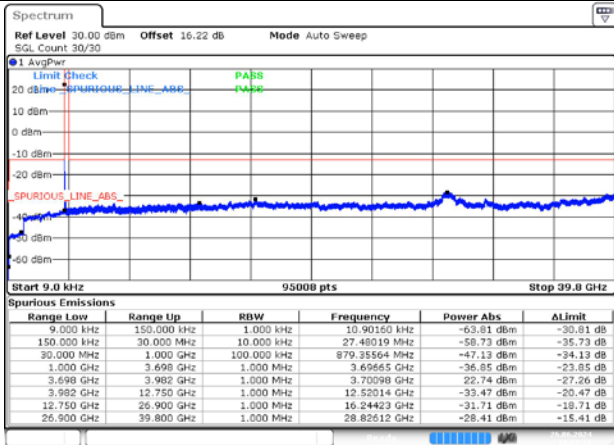
HCH / DFT-QPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:21:41

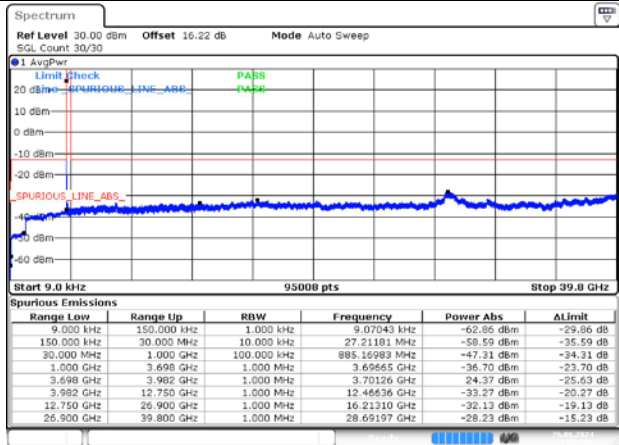
DC_7A_n77A / 30KHz / 100MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left



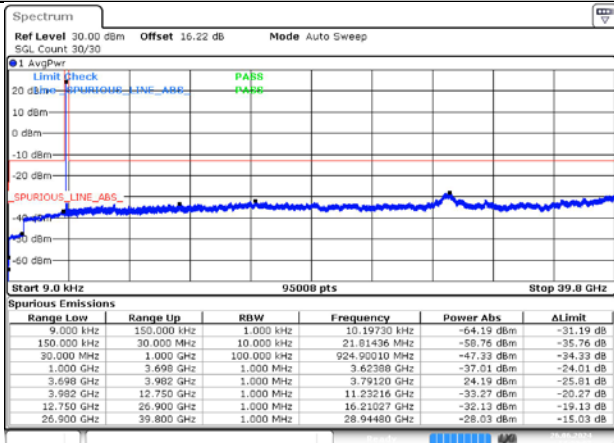
Date: 26 JUN 2024 14:22:11

LCH / DFT-QPSK / Edge_1RB_Left



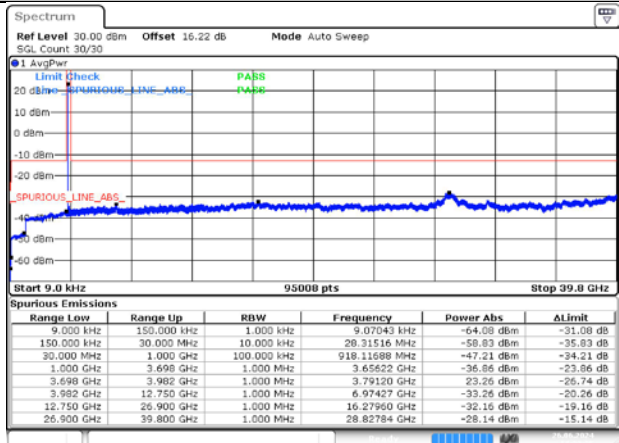
Date: 26 JUN 2024 14:22:39

MCH / DFT-Pi2BPSK / Edge_1RB_Left



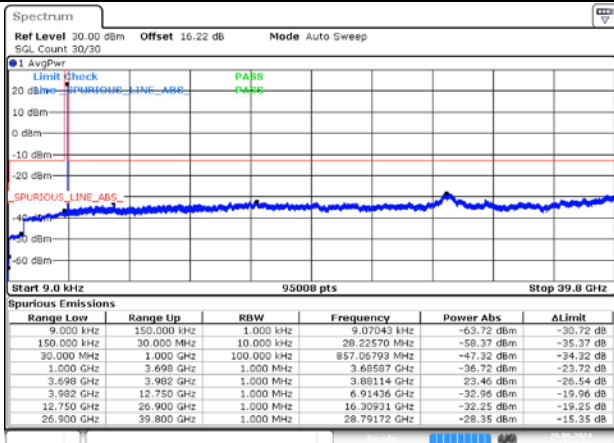
Date: 26 JUN 2024 14:23:07

MCH / DFT-QPSK / Edge_1RB_Left



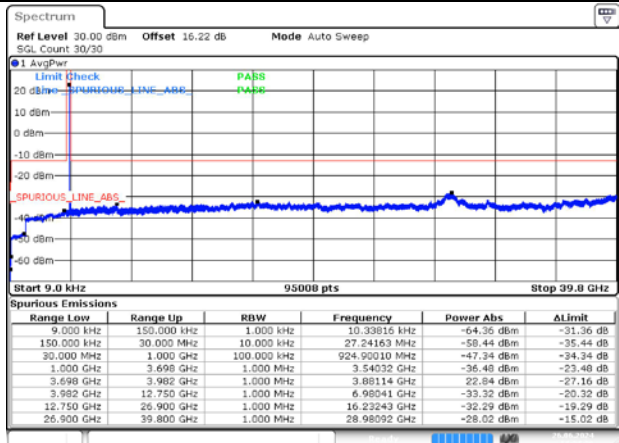
Date: 26 JUN 2024 14:23:35

HCH / DFT-Pi2BPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:24:03

HCH / DFT-QPSK / Edge_1RB_Left



Date: 26 JUN 2024 14:24:30

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	-5.70	-0.001484	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-9.00	-0.002344	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-1.70	-0.000443	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	-6.70	-0.001745	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-6.60	-0.001719	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-4.90	-0.001276	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-7.00	-0.001823	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-10.60	-0.002760	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-8.20	-0.002135	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-5.60	-0.001458	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-7.20	-0.001875	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-7.30	-0.001901	Pass

The End