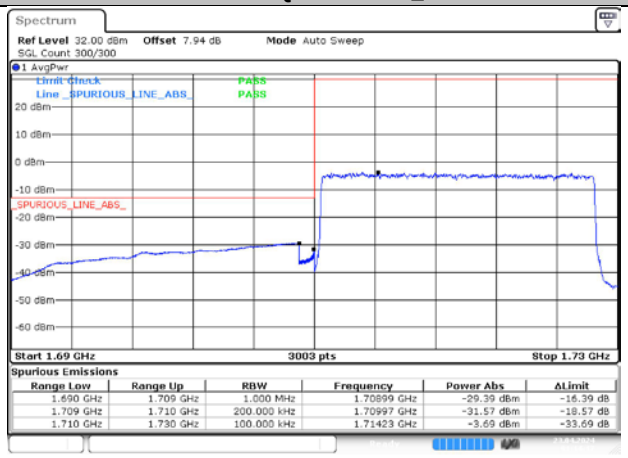
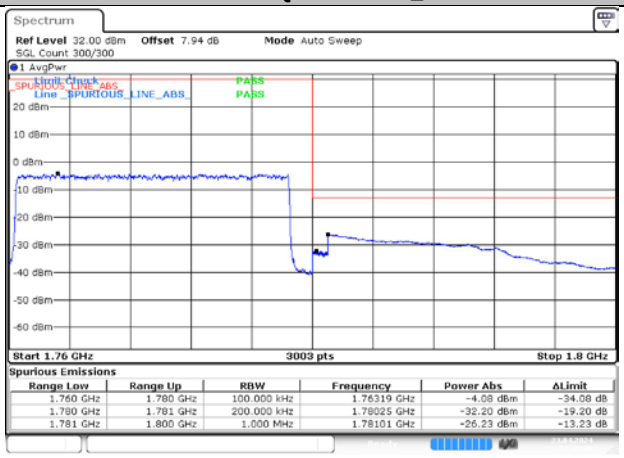
LCH / DFT-QPSK / Outer_Full

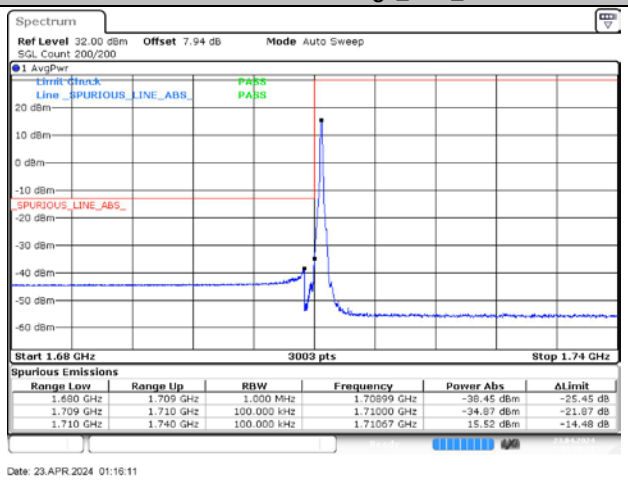


HCH / DFT-QPSK / Outer_Full

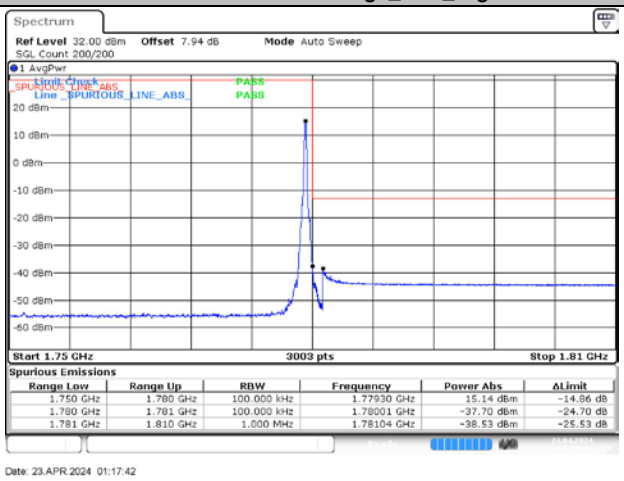


DC_2A_n66A / 15KHz / 30MHz

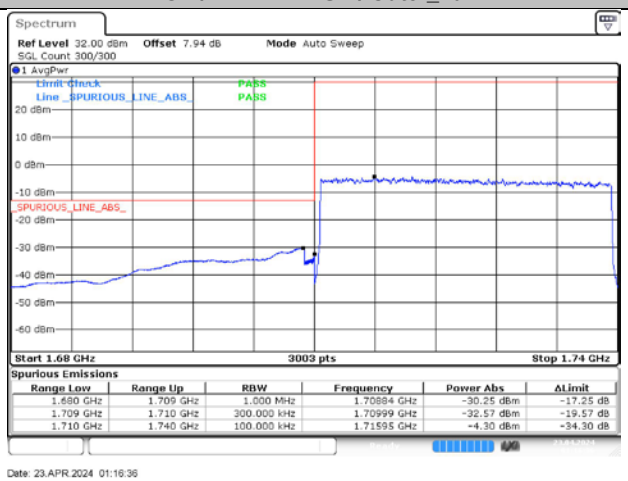
LCH / DFT-Pi2BPSK / Edge_1RB_Left



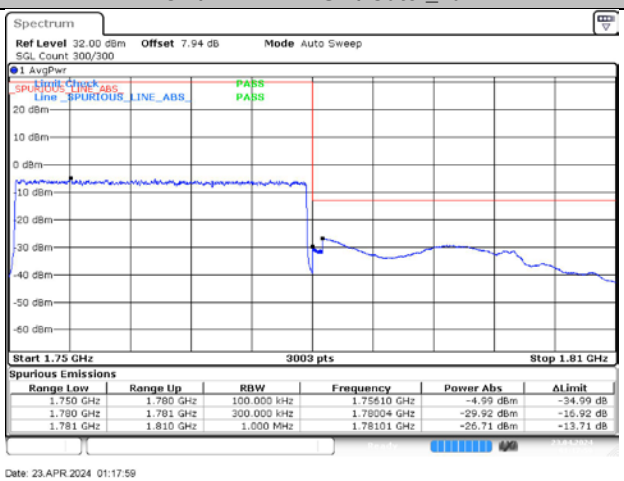
HCH / DFT-Pi2BPSK / Edge_1RB_Right



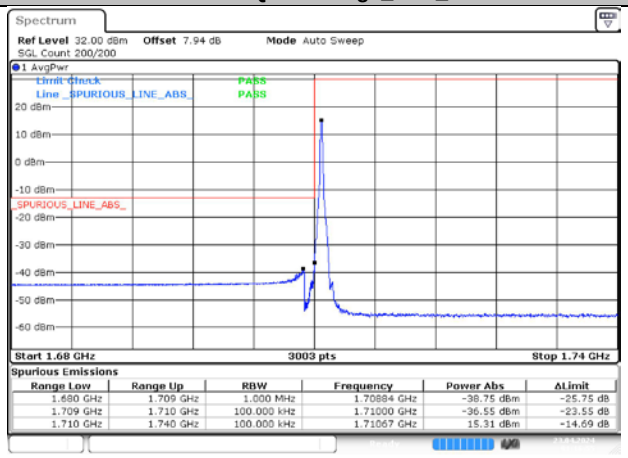
LCH / DFT-Pi2BPSK / Outer_Full



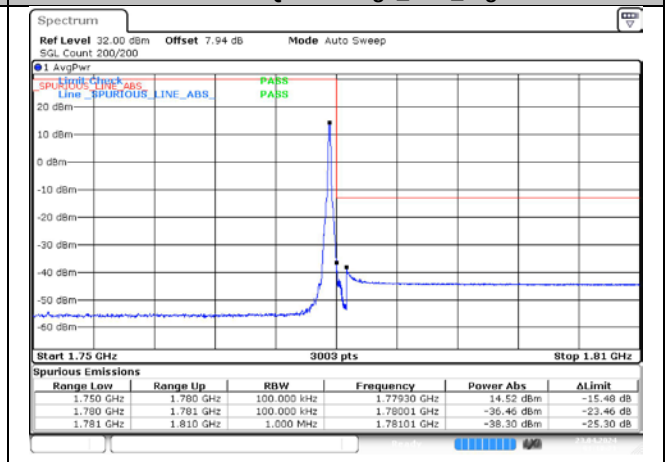
HCH / DFT-Pi2BPSK / Outer_Full



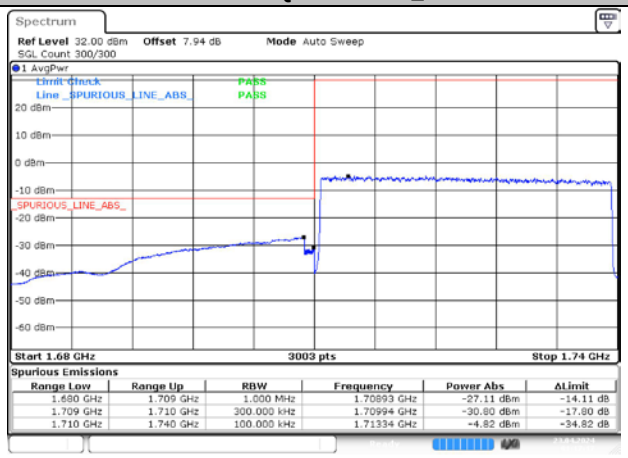
LCH / DFT-QPSK / Edge_1RB_Left



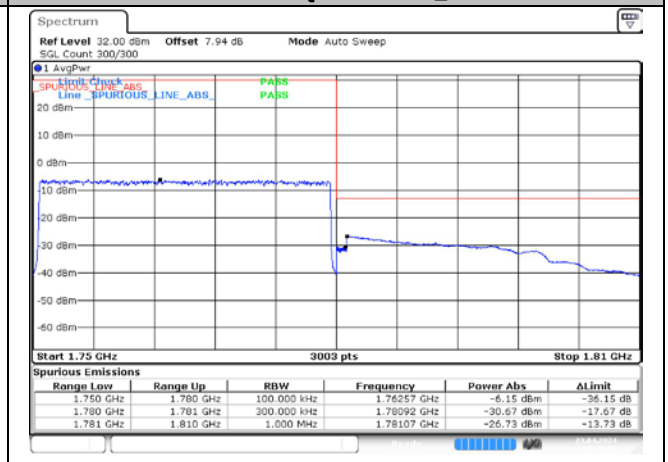
HCH / DFT-QPSK / Edge_1RB_Right



LCH / DFT-QPSK / Outer_Full

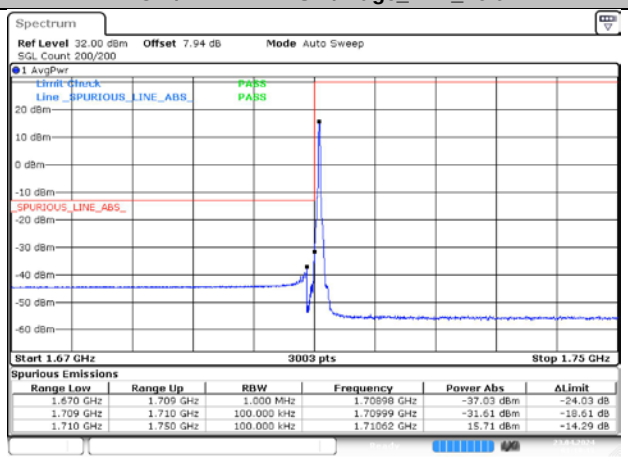


HCH / DFT-QPSK / Outer_Full

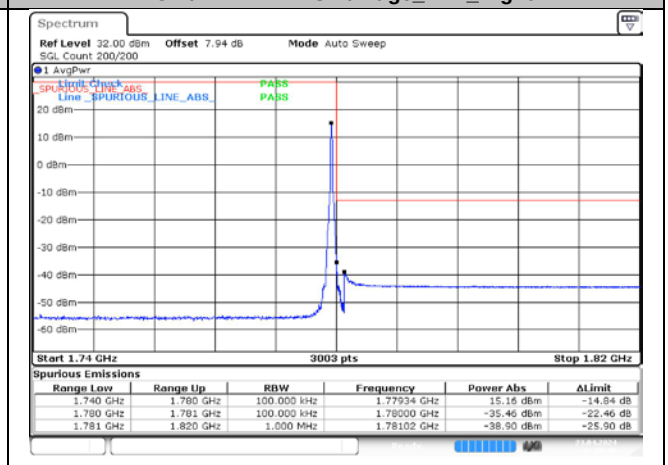


DC_2A_n66A / 15KHz / 40MHz

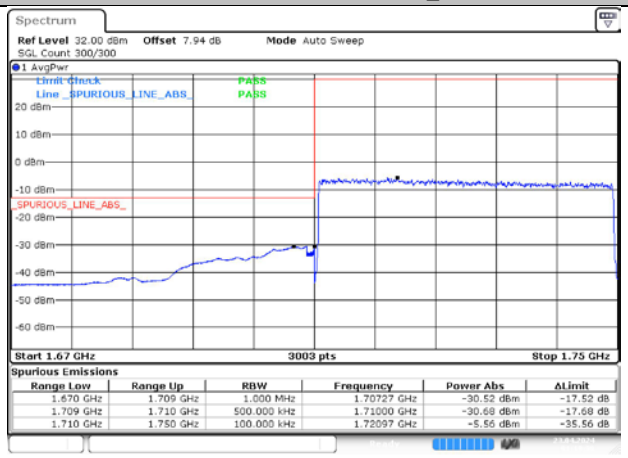
LCH / DFT-Pi2BPSK / Edge_1RB_Left



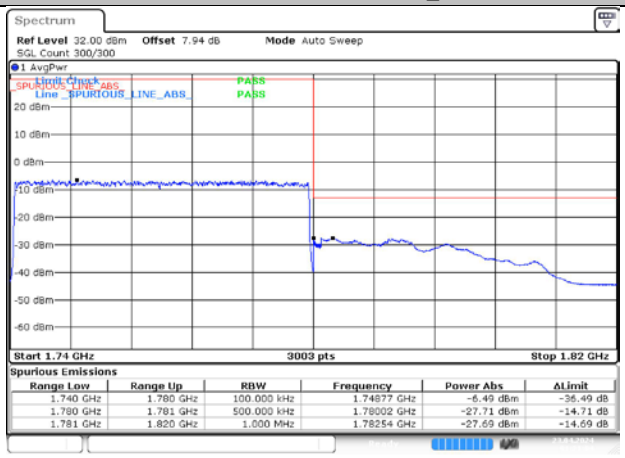
HCH / DFT-Pi2BPSK / Edge_1RB_Right



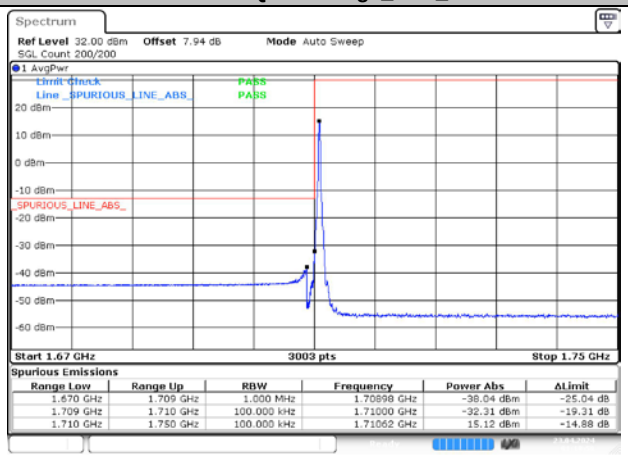
LCH / DFT-Pi2BPSK / Outer_Full



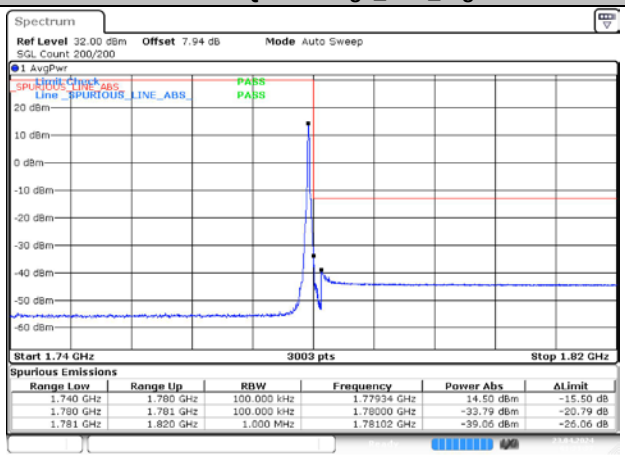
HCH / DFT-Pi2BPSK / Outer_Full



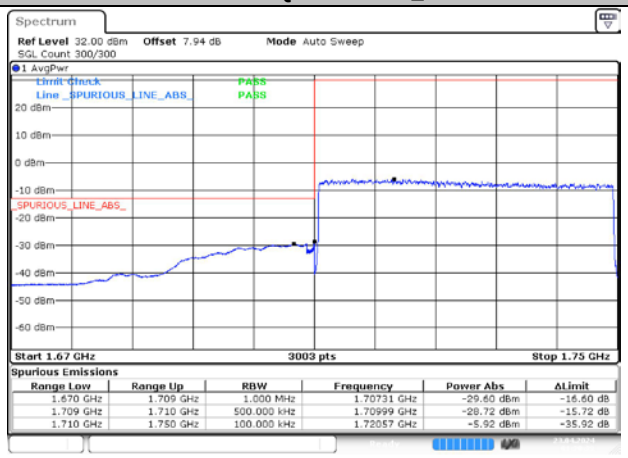
LCH / DFT-QPSK / Edge_1RB_Left



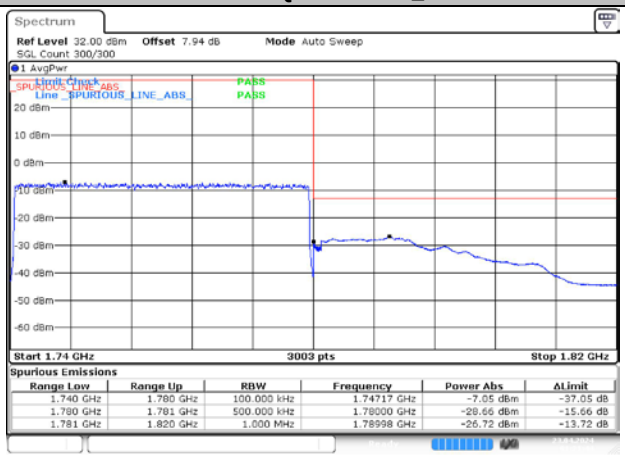
HCH / DFT-QPSK / Edge_1RB_Right



LCH / DFT-QPSK / Outer_Full



HCH / DFT-QPSK / Outer_Full

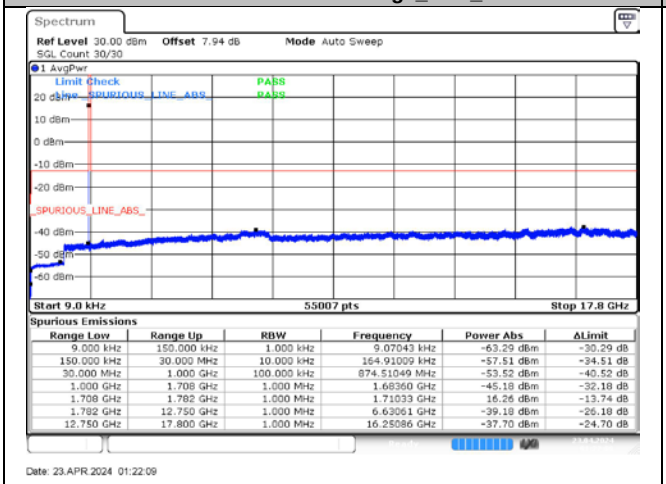


6. Conducted Spurious Emission

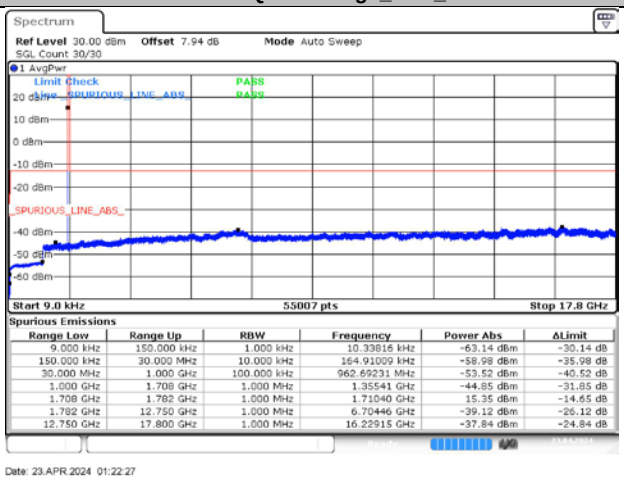
6.1. Test Plots

DC_2A_n66A / 15KHz / 5MHz

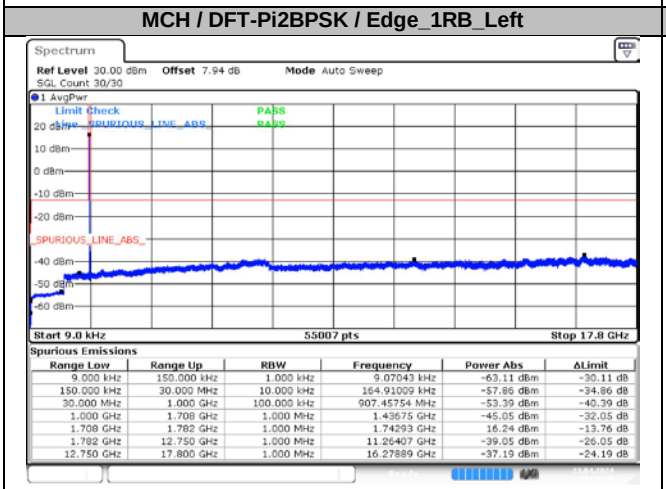
LCH / DFT-Pi2BPSK / Edge_1RB_Left



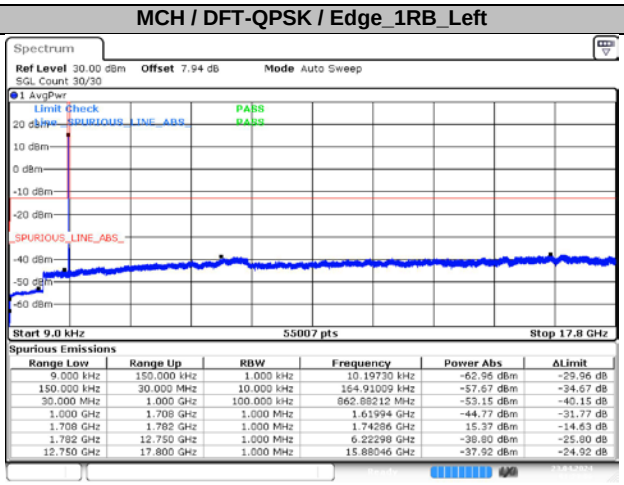
LCH / DFT-QPSK / Edge_1RB_Left



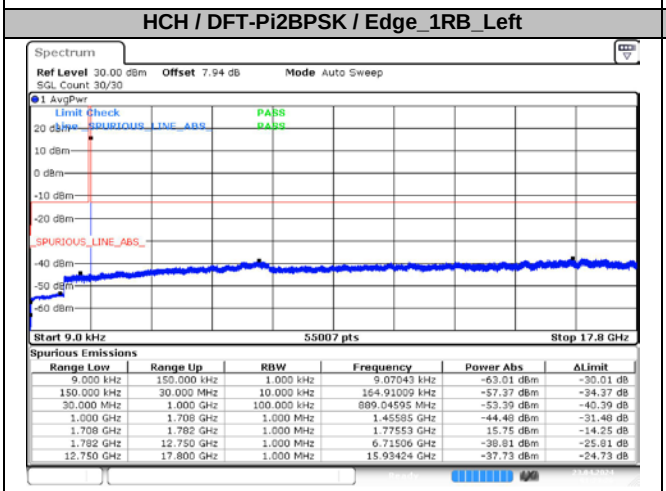
MCH / DFT-Pi2BPSK / Edge_1RB_Left



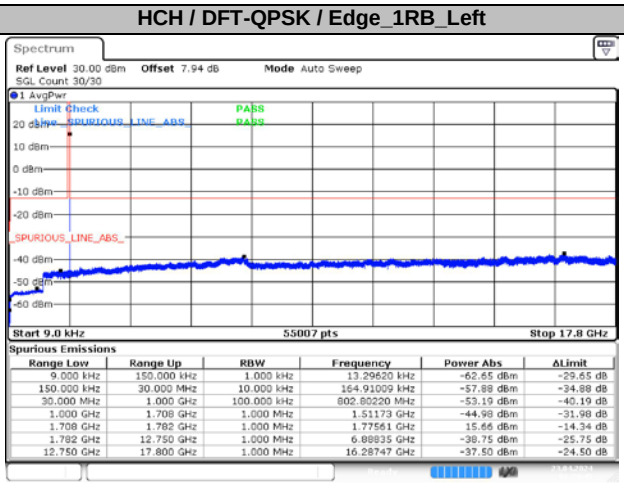
MCH / DFT-QPSK / Edge_1RB_Left



HCH / DFT-Pi2BPSK / Edge_1RB_Left

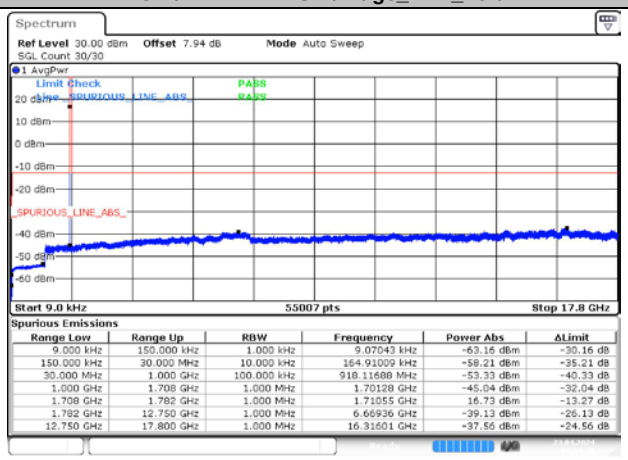


HCH / DFT-QPSK / Edge_1RB_Left



DC_2A_n66A / 15KHz / 10MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

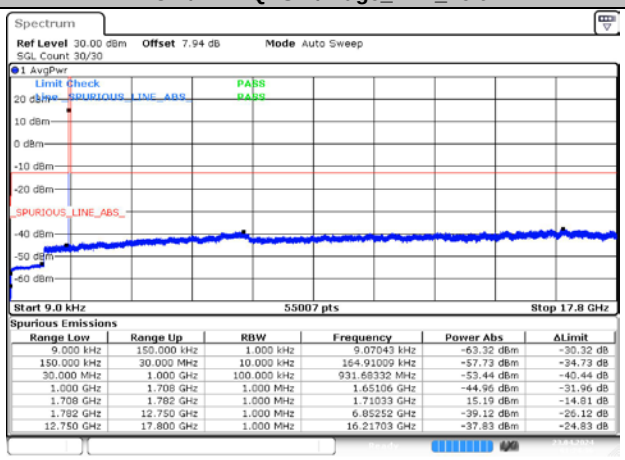


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-63.16 dBm	-30.16 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.21 dBm	-35.21 dB
30.000 MHz	1.000 GHz	100.000 kHz	918.11688 MHz	-53.33 dBm	-40.33 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.70128 GHz	-45.04 dBm	-32.04 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.71055 GHz	16.73 dBm	-13.27 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.66936 GHz	-39.13 dBm	-26.13 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.31601 GHz	-37.56 dBm	-24.56 dB

Date: 23.APR.2024 01:24:18

LCH / DFT-QPSK / Edge_1RB_Left

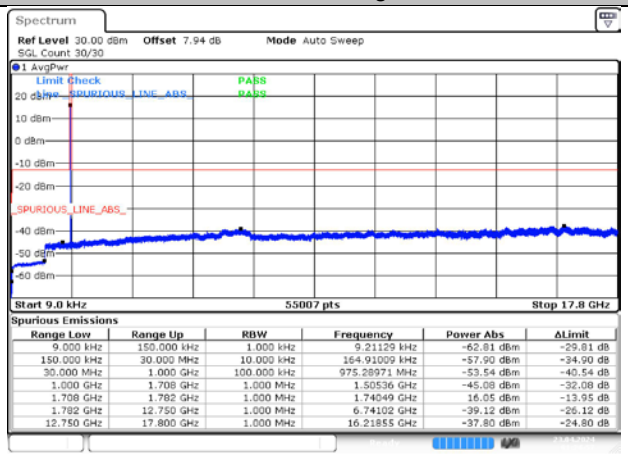


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-63.32 dBm	-30.32 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-57.73 dBm	-34.73 dB
30.000 MHz	1.000 GHz	100.000 kHz	931.68332 MHz	-53.44 dBm	-40.44 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.65106 GHz	-44.96 dBm	-31.96 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.71033 GHz	15.19 dBm	-14.81 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.85252 GHz	-39.12 dBm	-26.12 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.21703 GHz	-37.83 dBm	-24.83 dB

Date: 23.APR.2024 01:24:37

MCH / DFT-Pi2BPSK / Edge_1RB_Left

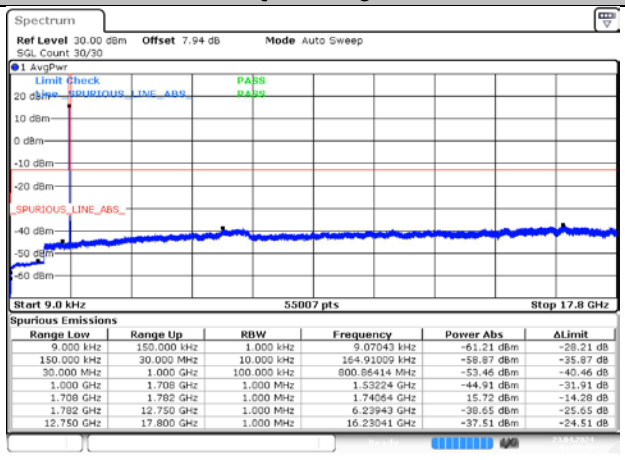


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.21129 kHz	-62.81 dBm	-29.81 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-57.90 dBm	-34.90 dB
30.000 MHz	1.000 GHz	100.000 kHz	975.28971 MHz	-53.54 dBm	-40.54 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.50536 GHz	-45.08 dBm	-32.08 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.74049 GHz	16.05 dBm	-13.95 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.74102 GHz	-39.12 dBm	-26.12 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.21855 GHz	-37.80 dBm	-24.80 dB

Date: 23.APR.2024 01:24:57

MCH / DFT-QPSK / Edge_1RB_Left

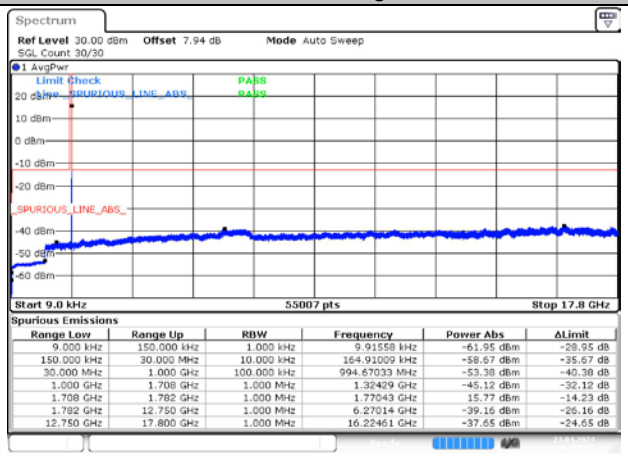


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-61.21 dBm	-28.21 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.87 dBm	-35.87 dB
30.000 MHz	1.000 GHz	100.000 kHz	800.86414 MHz	-53.46 dBm	-40.46 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.53224 GHz	-44.91 dBm	-31.91 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.74064 GHz	15.72 dBm	-14.28 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.23943 GHz	-38.65 dBm	-25.65 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.23041 GHz	-37.51 dBm	-24.51 dB

Date: 23.APR.2024 01:25:15

HCH / DFT-Pi2BPSK / Edge_1RB_Left

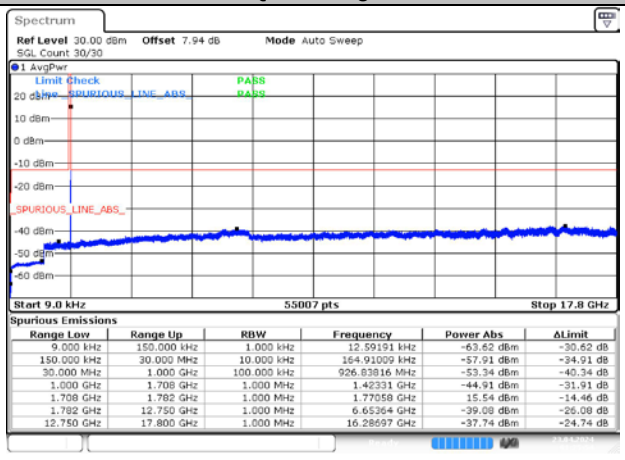


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.91558 kHz	-61.95 dBm	-28.95 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.67 dBm	-35.67 dB
30.000 MHz	1.000 GHz	100.000 kHz	994.67033 MHz	-53.38 dBm	-40.38 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.32429 GHz	-45.12 dBm	-32.12 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.77043 GHz	15.77 dBm	-14.23 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.27014 GHz	-39.16 dBm	-26.16 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.22461 GHz	-37.65 dBm	-24.65 dB

Date: 23.APR.2024 01:25:35

HCH / DFT-QPSK / Edge_1RB_Left



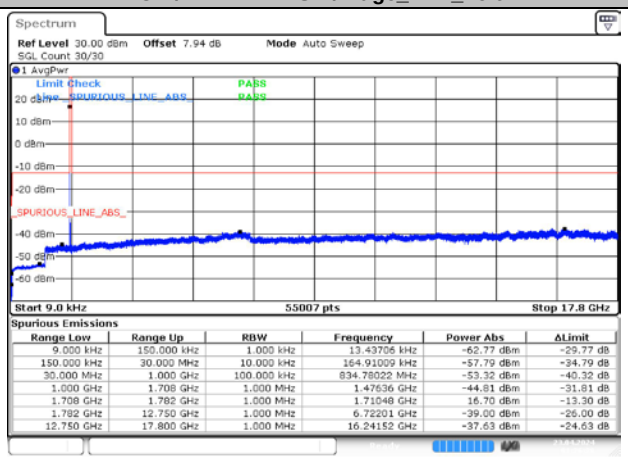
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	12.59191 kHz	-63.62 dBm	-30.62 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-57.91 dBm	-34.91 dB
30.000 MHz	1.000 GHz	100.000 kHz	926.83816 MHz	-53.34 dBm	-40.34 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.42331 GHz	-44.91 dBm	-31.91 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.77058 GHz	15.54 dBm	-14.46 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.65364 GHz	-39.08 dBm	-26.08 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.28697 GHz	-37.74 dBm	-24.74 dB

Date: 23.APR.2024 01:25:54

DC_2A_n66A / 15KHz / 15MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

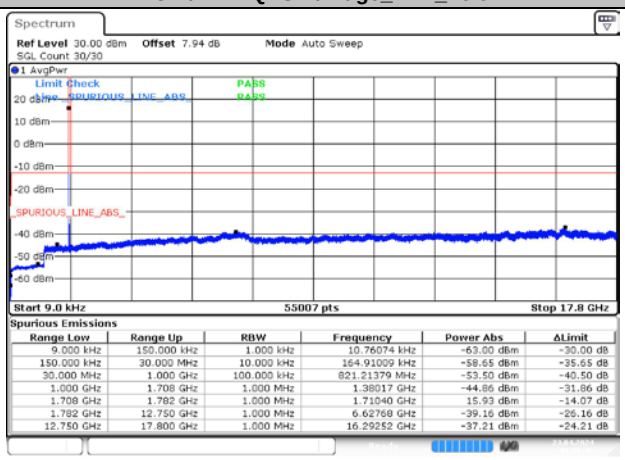


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	13.43706 kHz	-62.77 dBm	-29.77 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-57.79 dBm	-34.79 dB
30.000 MHz	1.000 GHz	100.000 kHz	834.78022 MHz	-53.32 dBm	-40.32 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.47636 GHz	-44.81 dBm	-31.81 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.71048 GHz	16.70 dBm	-13.30 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.72201 GHz	-39.00 dBm	-26.00 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.24152 GHz	-37.63 dBm	-24.63 dB

Date: 23.APR.2024 01:26:27

LCH / DFT-QPSK / Edge_1RB_Left

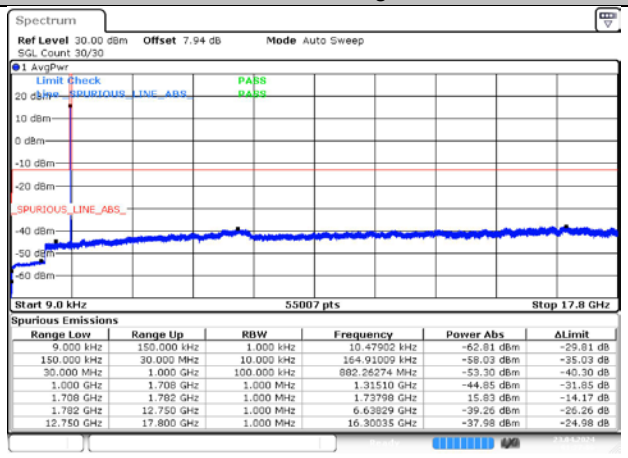


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.76074 kHz	-63.00 dBm	-30.00 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.65 dBm	-35.65 dB
30.000 MHz	1.000 GHz	100.000 kHz	821.21379 MHz	-53.50 dBm	-40.50 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.38017 GHz	-44.86 dBm	-31.86 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.71040 GHz	15.93 dBm	-14.07 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.62768 GHz	-39.16 dBm	-26.16 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.29252 GHz	-37.21 dBm	-24.21 dB

Date: 23.APR.2024 01:26:46

MCH / DFT-Pi2BPSK / Edge_1RB_Left

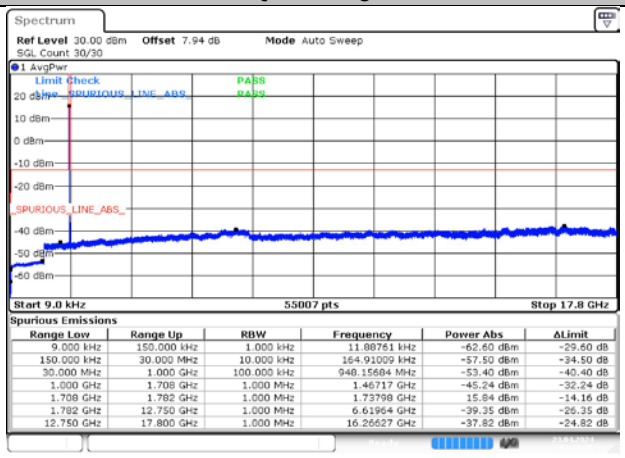


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.47902 kHz	-62.81 dBm	-29.81 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.03 dBm	-35.03 dB
30.000 MHz	1.000 GHz	100.000 kHz	882.26274 MHz	-53.30 dBm	-40.30 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.31510 GHz	-44.85 dBm	-31.85 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.73798 GHz	15.83 dBm	-14.17 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.63829 GHz	-39.26 dBm	-26.26 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.30035 GHz	-37.98 dBm	-24.98 dB

Date: 23.APR.2024 01:27:06

MCH / DFT-QPSK / Edge_1RB_Left

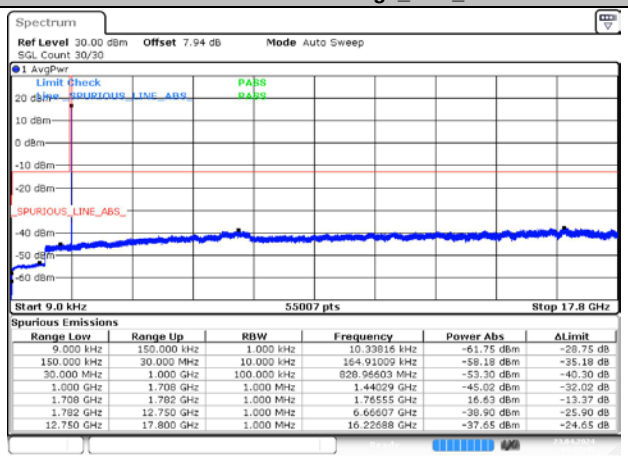


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.88761 kHz	-62.60 dBm	-29.60 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-57.50 dBm	-34.50 dB
30.000 MHz	1.000 GHz	100.000 kHz	948.15684 MHz	-53.40 dBm	-40.40 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.46717 GHz	-45.24 dBm	-32.24 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.73798 GHz	15.84 dBm	-14.16 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.61964 GHz	-39.35 dBm	-26.35 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.26627 GHz	-37.82 dBm	-24.82 dB

Date: 23.APR.2024 01:27:25

HCH / DFT-Pi2BPSK / Edge_1RB_Left

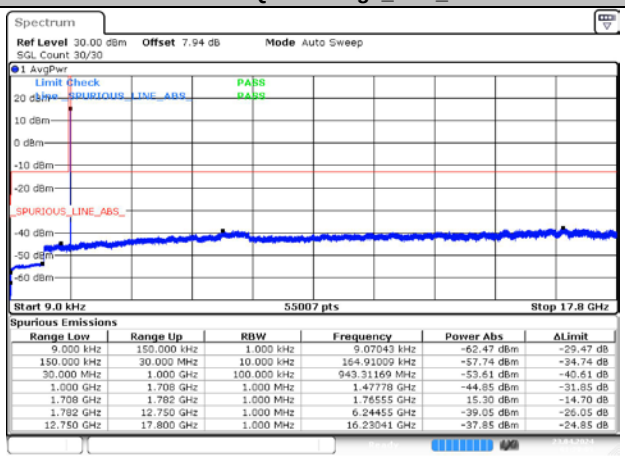


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.33816 kHz	-61.75 dBm	-28.75 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.18 dBm	-35.18 dB
30.000 MHz	1.000 GHz	100.000 kHz	828.96603 MHz	-53.30 dBm	-40.30 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.44029 GHz	-45.02 dBm	-32.02 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.76555 GHz	16.63 dBm	-13.37 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.66607 GHz	-38.90 dBm	-25.90 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.22688 GHz	-37.65 dBm	-24.65 dB

Date: 23.APR.2024 01:27:45

HCH / DFT-QPSK / Edge_1RB_Left



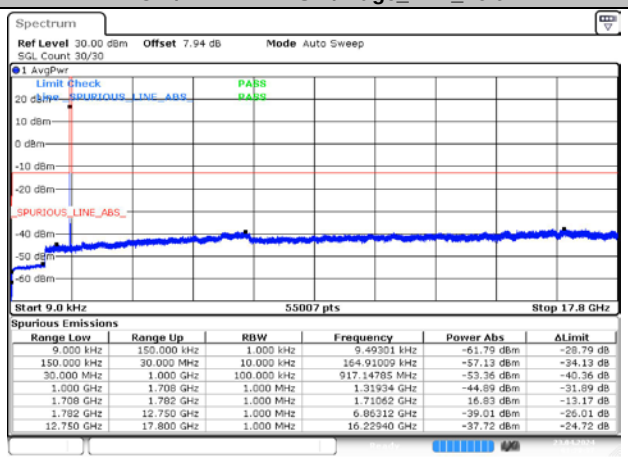
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-62.47 dBm	-29.47 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-57.74 dBm	-34.74 dB
30.000 MHz	1.000 GHz	100.000 kHz	943.31169 MHz	-53.61 dBm	-40.61 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.47778 GHz	-44.85 dBm	-31.85 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.76555 GHz	15.30 dBm	-14.70 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.24455 GHz	-39.05 dBm	-26.05 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.23041 GHz	-37.85 dBm	-24.85 dB

Date: 23.APR.2024 01:28:03

DC_2A_n66A / 15KHz / 20MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

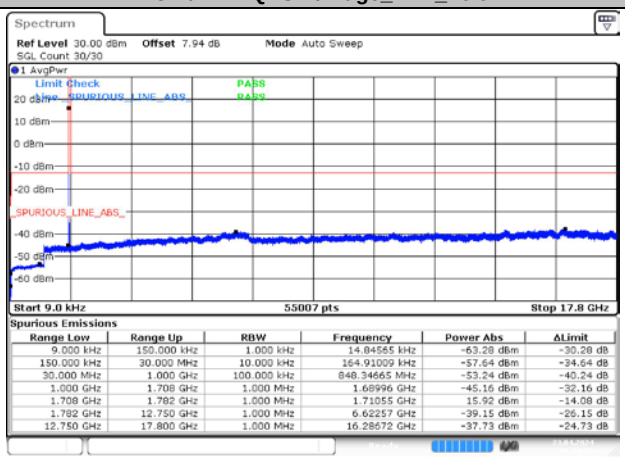


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.49301 kHz	-61.79 dBm	-28.79 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-57.13 dBm	-34.13 dB
30.000 MHz	1.000 GHz	100.000 kHz	917.14785 MHz	-53.36 dBm	-40.36 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.31934 GHz	-44.89 dBm	-31.89 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.71062 GHz	16.83 dBm	-13.17 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.86312 GHz	-39.01 dBm	-26.01 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.22940 GHz	-37.72 dBm	-24.72 dB

Date: 23.APR.2024 01:28:37

LCH / DFT-QPSK / Edge_1RB_Left

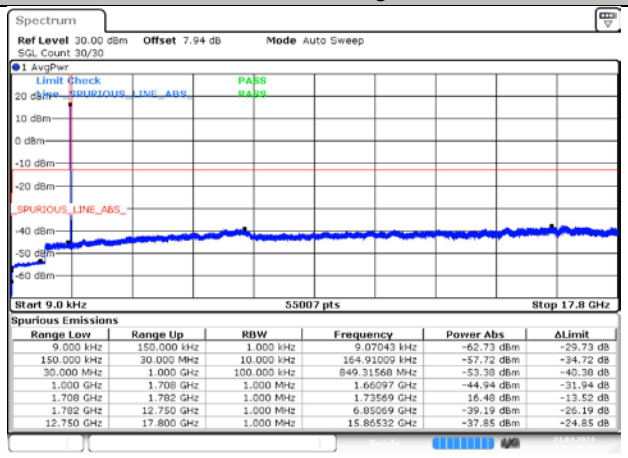


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	14.84565 kHz	-63.28 dBm	-30.28 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-57.64 dBm	-34.64 dB
30.000 MHz	1.000 GHz	100.000 kHz	848.34665 MHz	-53.24 dBm	-40.24 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.68996 GHz	-45.16 dBm	-32.16 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.71055 GHz	15.92 dBm	-14.08 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.62257 GHz	-39.15 dBm	-26.15 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.28672 GHz	-37.73 dBm	-24.73 dB

Date: 23.APR.2024 01:28:56

MCH / DFT-Pi2BPSK / Edge_1RB_Left

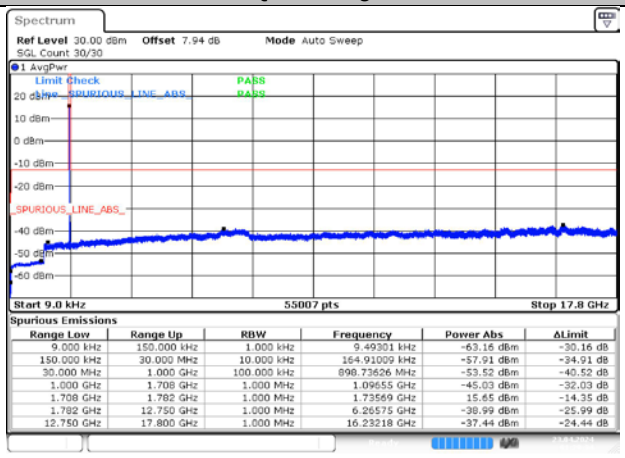


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-62.73 dBm	-29.73 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-57.72 dBm	-34.72 dB
30.000 MHz	1.000 GHz	100.000 kHz	849.31568 MHz	-53.38 dBm	-40.38 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.66097 GHz	-44.94 dBm	-31.94 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.73569 GHz	16.48 dBm	-13.52 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.85069 GHz	-39.19 dBm	-26.19 dB
12.750 GHz	17.800 GHz	1.000 MHz	15.86532 GHz	-37.85 dBm	-24.85 dB

Date: 23.APR.2024 01:29:16

MCH / DFT-QPSK / Edge_1RB_Left

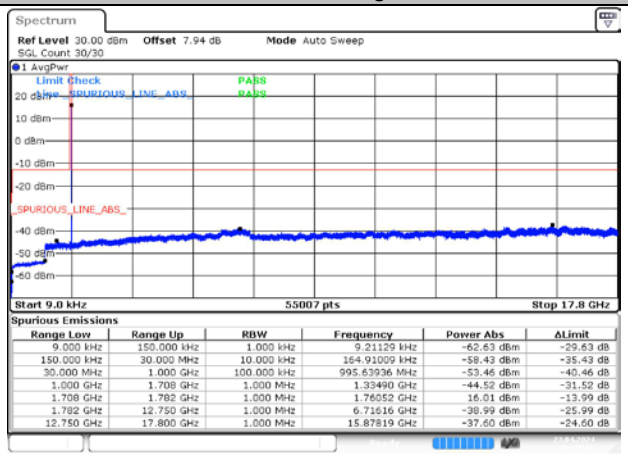


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.49301 kHz	-63.16 dBm	-30.16 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-57.91 dBm	-34.91 dB
30.000 MHz	1.000 GHz	100.000 kHz	898.73626 MHz	-53.52 dBm	-40.52 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.09655 GHz	-45.03 dBm	-32.03 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.73569 GHz	15.65 dBm	-14.35 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.26575 GHz	-38.99 dBm	-25.99 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.23218 GHz	-37.44 dBm	-24.44 dB

Date: 23.APR.2024 01:29:35

HCH / DFT-Pi2BPSK / Edge_1RB_Left

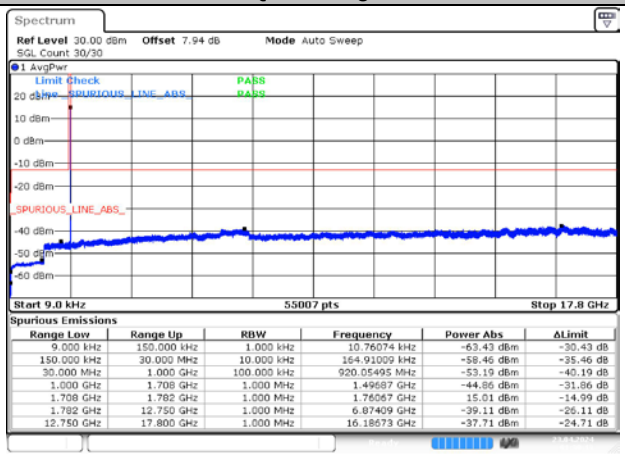


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.21129 kHz	-62.63 dBm	-29.63 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.43 dBm	-35.43 dB
30.000 MHz	1.000 GHz	100.000 kHz	995.63936 MHz	-53.46 dBm	-40.46 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.33490 GHz	-44.52 dBm	-31.52 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.76052 GHz	16.01 dBm	-13.99 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.71616 GHz	-38.99 dBm	-25.99 dB
12.750 GHz	17.800 GHz	1.000 MHz	15.87819 GHz	-37.60 dBm	-24.60 dB

Date: 23.APR.2024 01:29:54

HCH / DFT-QPSK / Edge_1RB_Left



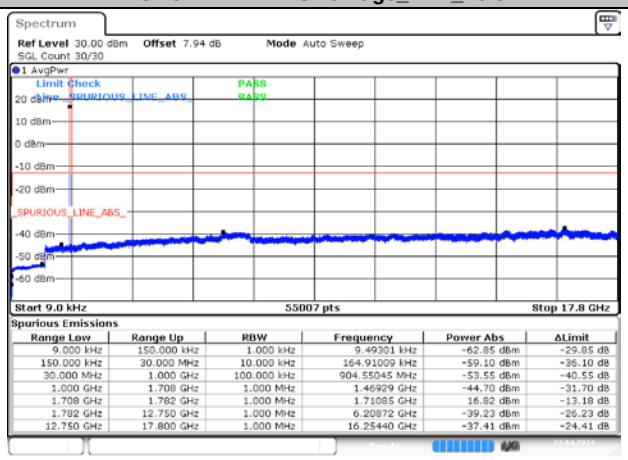
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.76074 kHz	-63.43 dBm	-30.43 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.46 dBm	-35.46 dB
30.000 MHz	1.000 GHz	100.000 kHz	920.05495 MHz	-53.19 dBm	-40.19 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.49587 GHz	-44.86 dBm	-31.86 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.76067 GHz	15.01 dBm	-14.99 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.87409 GHz	-39.11 dBm	-26.11 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.18673 GHz	-37.71 dBm	-24.71 dB

Date: 23.APR.2024 01:30:13

DC_2A_n66A / 15KHz / 30MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

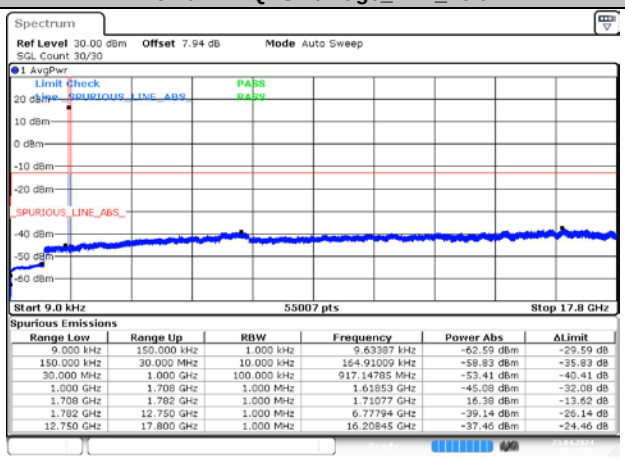


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.49301 kHz	-62.85 dBm	-29.85 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-59.10 dBm	-36.10 dB
30.000 MHz	1.000 GHz	100.000 kHz	904.55045 MHz	-53.55 dBm	-40.55 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.46929 GHz	-44.70 dBm	-31.70 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.71085 GHz	16.82 dBm	-13.18 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.20872 GHz	-39.23 dBm	-26.23 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.25440 GHz	-37.41 dBm	-24.41 dB

Date: 23.APR.2024 01:30:47

LCH / DFT-QPSK / Edge_1RB_Left

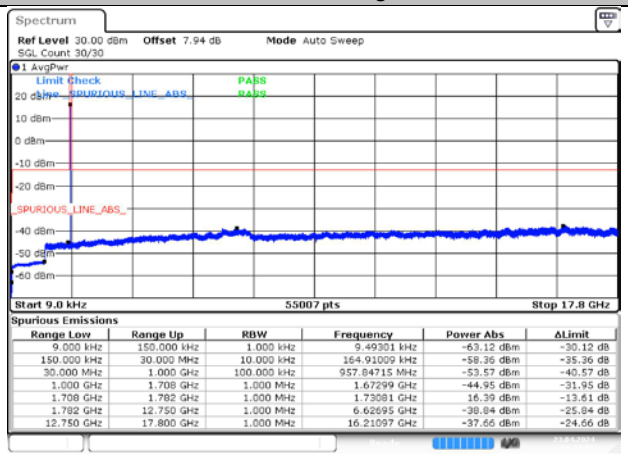


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.63387 kHz	-62.59 dBm	-29.59 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.83 dBm	-35.83 dB
30.000 MHz	1.000 GHz	100.000 kHz	917.14785 MHz	-53.41 dBm	-40.41 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.61853 GHz	-45.08 dBm	-32.08 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.71077 GHz	16.38 dBm	-13.62 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.77794 GHz	-39.14 dBm	-26.14 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.20845 GHz	-37.46 dBm	-24.46 dB

Date: 23.APR.2024 01:31:06

MCH / DFT-Pi2BPSK / Edge_1RB_Left

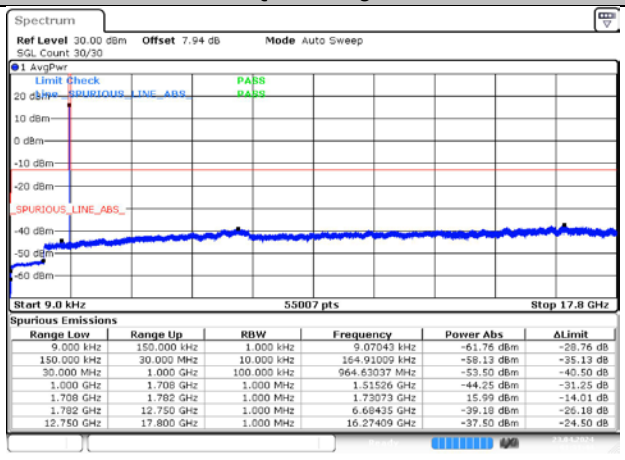


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.49301 kHz	-63.12 dBm	-30.12 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.36 dBm	-35.36 dB
30.000 MHz	1.000 GHz	100.000 kHz	957.84715 MHz	-53.57 dBm	-40.57 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.67299 GHz	-44.95 dBm	-31.95 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.73081 GHz	16.39 dBm	-13.61 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.62695 GHz	-38.84 dBm	-25.84 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.21097 GHz	-37.66 dBm	-24.66 dB

Date: 23.APR.2024 01:31:26

MCH / DFT-QPSK / Edge_1RB_Left

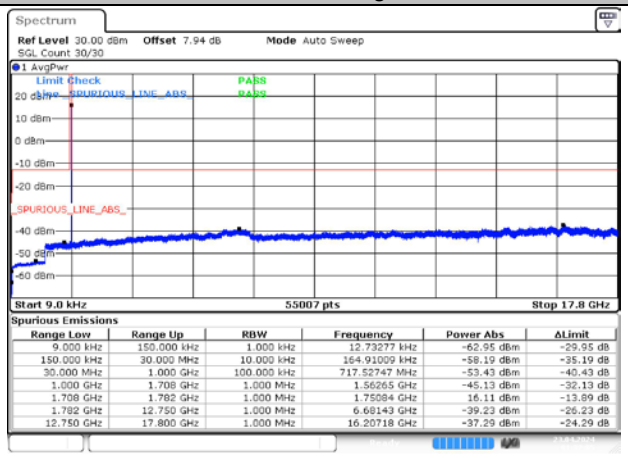


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-61.76 dBm	-28.76 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.13 dBm	-35.13 dB
30.000 MHz	1.000 GHz	100.000 kHz	964.63037 MHz	-53.50 dBm	-40.50 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.51526 GHz	-44.25 dBm	-31.25 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.73073 GHz	15.99 dBm	-14.01 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.68435 GHz	-39.18 dBm	-26.18 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.27409 GHz	-37.50 dBm	-24.50 dB

Date: 23.APR.2024 01:31:44

HCH / DFT-Pi2BPSK / Edge_1RB_Left

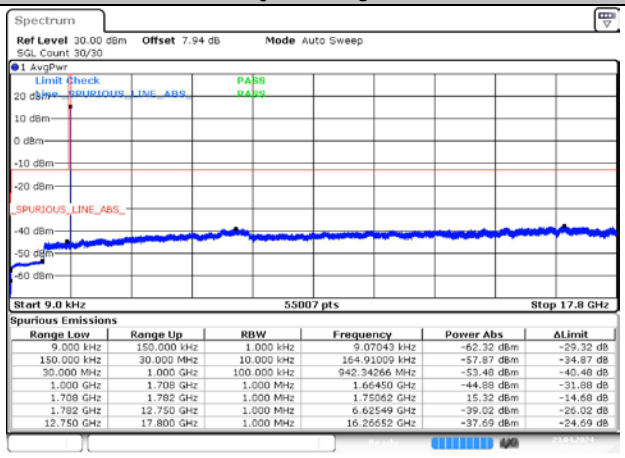


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	12.73277 kHz	-62.95 dBm	-29.95 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.19 dBm	-35.19 dB
30.000 MHz	1.000 GHz	100.000 kHz	717.52747 MHz	-53.43 dBm	-40.43 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.56265 GHz	-45.13 dBm	-32.13 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.75084 GHz	16.11 dBm	-13.89 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.68143 GHz	-39.23 dBm	-26.23 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.20718 GHz	-37.29 dBm	-24.29 dB

Date: 23.APR.2024 01:32:04

HCH / DFT-QPSK / Edge_1RB_Left



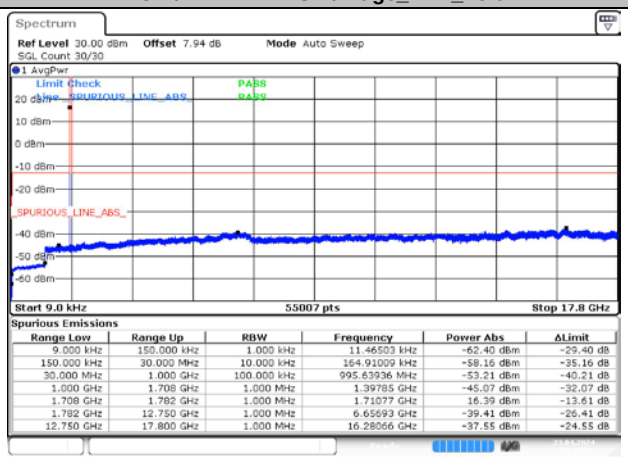
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-62.32 dBm	-29.32 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-57.87 dBm	-34.87 dB
30.000 MHz	1.000 GHz	100.000 kHz	942.34266 MHz	-53.48 dBm	-40.48 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.66450 GHz	-44.88 dBm	-31.88 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.75062 GHz	15.32 dBm	-14.68 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.62549 GHz	-39.02 dBm	-26.02 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.26652 GHz	-37.69 dBm	-24.69 dB

Date: 23.APR.2024 01:32:23

DC_2A_n66A / 15KHz / 40MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

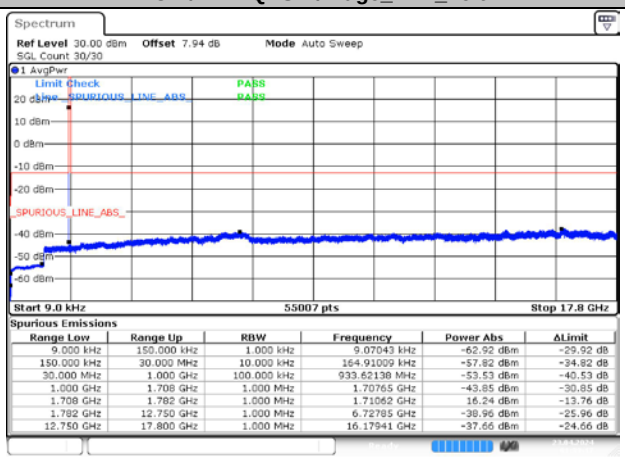


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.46503 kHz	-62.40 dBm	-29.40 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.16 dBm	-35.16 dB
30.000 MHz	1.000 GHz	100.000 kHz	995.63936 MHz	-53.21 dBm	-40.21 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.39785 GHz	-45.07 dBm	-32.07 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.71077 GHz	16.39 dBm	-13.61 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.65693 GHz	-39.41 dBm	-26.41 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.28066 GHz	-37.55 dBm	-24.55 dB

Date: 23.APR.2024 01:32:57

LCH / DFT-QPSK / Edge_1RB_Left

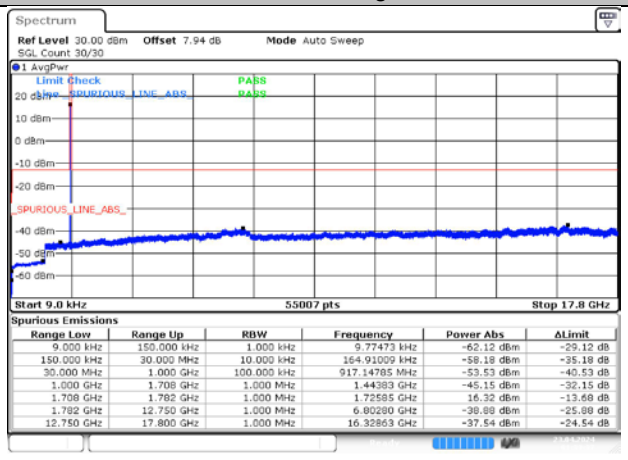


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-62.92 dBm	-29.92 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-57.82 dBm	-34.82 dB
30.000 MHz	1.000 GHz	100.000 kHz	933.62138 MHz	-53.53 dBm	-40.53 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.70765 GHz	-43.85 dBm	-30.85 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.71062 GHz	16.24 dBm	-13.76 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.72785 GHz	-38.96 dBm	-25.96 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.17941 GHz	-37.66 dBm	-24.66 dB

Date: 23.APR.2024 01:33:16

MCH / DFT-Pi2BPSK / Edge_1RB_Left

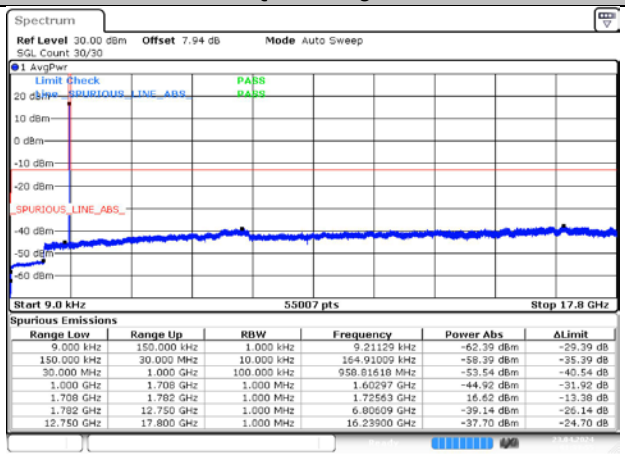


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.77473 kHz	-62.12 dBm	-29.12 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.18 dBm	-35.18 dB
30.000 MHz	1.000 GHz	100.000 kHz	917.14785 MHz	-53.53 dBm	-40.53 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.44383 GHz	-45.15 dBm	-32.15 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.72585 GHz	16.32 dBm	-13.68 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.80280 GHz	-38.88 dBm	-25.88 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.32863 GHz	-37.54 dBm	-24.54 dB

Date: 23.APR.2024 01:33:36

MCH / DFT-QPSK / Edge_1RB_Left

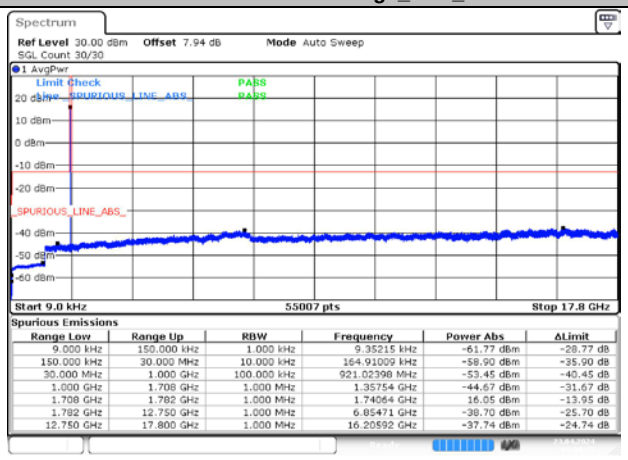


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.21129 kHz	-62.39 dBm	-29.39 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.39 dBm	-35.39 dB
30.000 MHz	1.000 GHz	100.000 kHz	958.81618 MHz	-53.54 dBm	-40.54 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.60297 GHz	-44.92 dBm	-31.92 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.72563 GHz	16.62 dBm	-13.38 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.80609 GHz	-39.14 dBm	-26.14 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.23900 GHz	-37.70 dBm	-24.70 dB

Date: 23.APR.2024 01:33:55

HCH / DFT-Pi2BPSK / Edge_1RB_Left

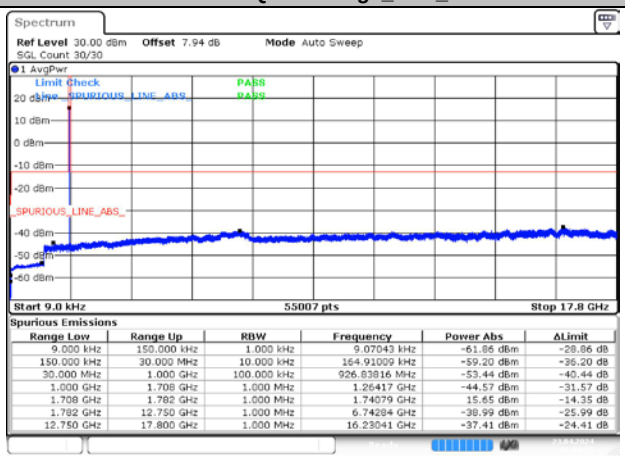


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.35215 kHz	-61.77 dBm	-28.77 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.90 dBm	-35.90 dB
30.000 MHz	1.000 GHz	100.000 kHz	921.02398 MHz	-53.45 dBm	-40.45 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.35754 GHz	-44.67 dBm	-31.67 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.74064 GHz	16.05 dBm	-13.95 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.85471 GHz	-38.70 dBm	-25.70 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.20592 GHz	-37.74 dBm	-24.74 dB

Date: 23.APR.2024 01:34:16

HCH / DFT-QPSK / Edge_1RB_Left



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-61.86 dBm	-28.86 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-59.20 dBm	-36.20 dB
30.000 MHz	1.000 GHz	100.000 kHz	926.83816 MHz	-53.44 dBm	-40.44 dB
1.000 GHz	1.708 GHz	1.000 MHz	1.26417 GHz	-44.57 dBm	-31.57 dB
1.708 GHz	1.782 GHz	1.000 MHz	1.74079 GHz	15.65 dBm	-14.35 dB
1.782 GHz	12.750 GHz	1.000 MHz	6.74284 GHz	-38.99 dBm	-25.99 dB
12.750 GHz	17.800 GHz	1.000 MHz	16.23041 GHz	-37.41 dBm	-24.41 dB

Date: 23.APR.2024 01:34:35

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	40MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	1.90	0.001089	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-2.50	-0.001433	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	0.40	0.000229	Pass

7.1.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-30℃	NV	0.10	0.000057	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-20℃	NV	-1.80	-0.001032	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-10℃	NV	-4.60	-0.002636	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	0℃	NV	-0.70	-0.000401	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	10℃	NV	-1.20	-0.000688	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	20℃	NV	-3.30	-0.001891	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	30℃	NV	-3.60	-0.002063	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	40℃	NV	-0.60	-0.000344	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	50℃	NV	-5.00	-0.002865	Pass

The End