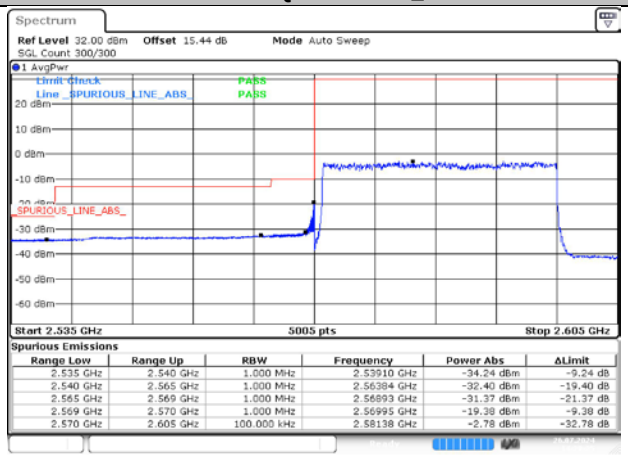
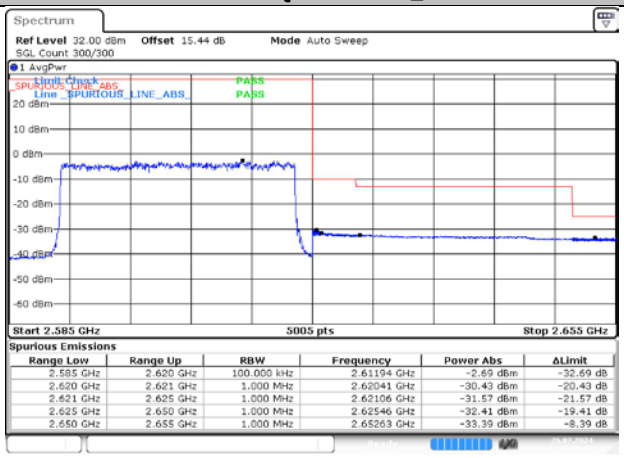
LCH / DFT-QPSK / Outer_Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.540 GHz	1.000 MHz	2.53910 GHz	-34.24 dBm	-9.24 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.56384 GHz	-32.40 dBm	-19.40 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56893 GHz	-31.37 dBm	-21.37 dB
2.569 GHz	2.570 GHz	1.000 MHz	2.56995 GHz	-19.38 dBm	-9.38 dB
2.570 GHz	2.605 GHz	100.000 kHz	2.58138 GHz	-2.78 dBm	-32.78 dB

HCH / DFT-QPSK / Outer_Full

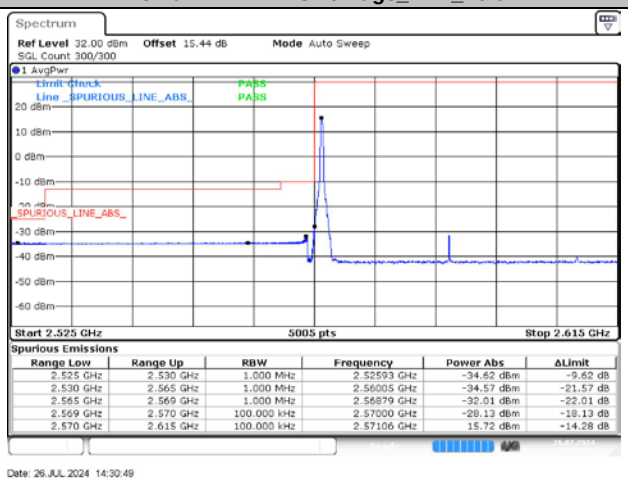


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.585 GHz	2.620 GHz	100.000 kHz	2.61194 GHz	-2.69 dBm	-32.69 dB
2.620 GHz	2.621 GHz	1.000 MHz	2.62041 GHz	-30.43 dBm	-20.43 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62106 GHz	-31.57 dBm	-21.57 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.62546 GHz	-32.41 dBm	-19.41 dB
2.650 GHz	2.655 GHz	1.000 MHz	2.65263 GHz	-33.39 dBm	-8.39 dB

n38A / 30KHz / 40MHz

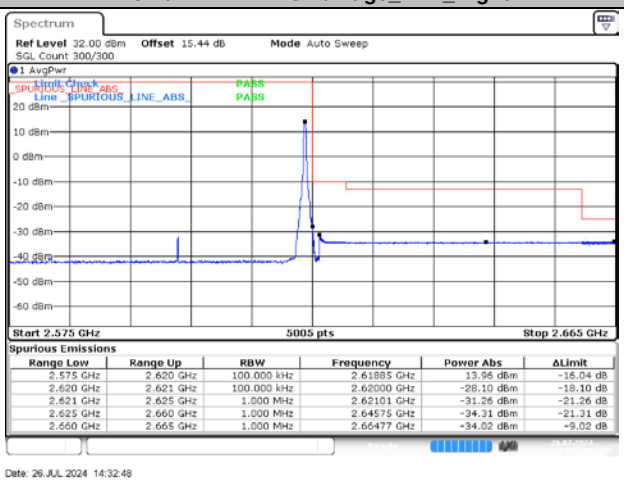
LCH / DFT-Pi2BPSK / Edge_1RB_Left



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.525 GHz	2.530 GHz	1.000 MHz	2.52593 GHz	-34.62 dBm	-9.62 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.56005 GHz	-34.57 dBm	-21.57 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56879 GHz	-32.01 dBm	-22.01 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.57000 GHz	-28.13 dBm	-18.13 dB
2.570 GHz	2.615 GHz	100.000 kHz	2.57106 GHz	15.72 dBm	-14.28 dB

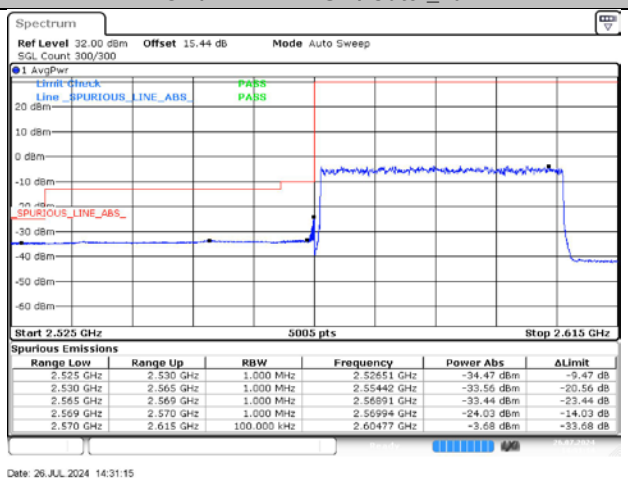
HCH / DFT-Pi2BPSK / Edge_1RB_Right



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.575 GHz	2.620 GHz	100.000 kHz	2.61885 GHz	13.96 dBm	-16.04 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62000 GHz	-28.10 dBm	-18.10 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62101 GHz	-31.26 dBm	-21.26 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.64575 GHz	-34.31 dBm	-21.31 dB
2.660 GHz	2.665 GHz	1.000 MHz	2.66477 GHz	-34.02 dBm	-9.02 dB

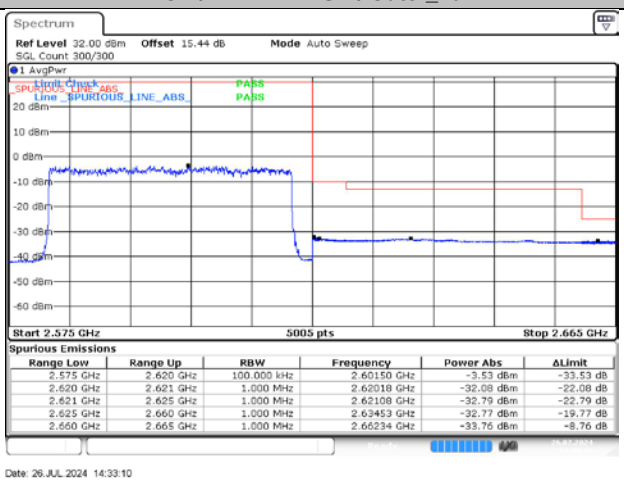
LCH / DFT-Pi2BPSK / Outer_Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.525 GHz	2.530 GHz	1.000 MHz	2.52651 GHz	-34.47 dBm	-9.47 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.55442 GHz	-33.56 dBm	-20.56 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56891 GHz	-33.44 dBm	-23.44 dB
2.569 GHz	2.570 GHz	1.000 MHz	2.56994 GHz	-24.03 dBm	-14.03 dB
2.570 GHz	2.615 GHz	100.000 kHz	2.60477 GHz	-3.68 dBm	-33.68 dB

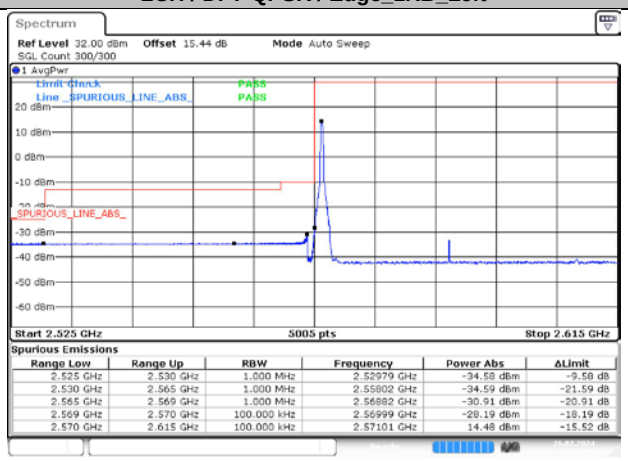
HCH / DFT-Pi2BPSK / Outer_Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.575 GHz	2.620 GHz	100.000 kHz	2.60150 GHz	-3.53 dBm	-33.53 dB
2.620 GHz	2.621 GHz	1.000 MHz	2.62018 GHz	-32.08 dBm	-22.08 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62108 GHz	-32.79 dBm	-22.79 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.63453 GHz	-32.77 dBm	-19.77 dB
2.660 GHz	2.665 GHz	1.000 MHz	2.66234 GHz	-33.76 dBm	-8.76 dB

LCH / DFT-QPSK / Edge_1RB_Left



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.525 GHz	2.530 GHz	1.000 MHz	2.52979 GHz	-34.58 dBm	-9.58 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.55802 GHz	-34.59 dBm	-21.59 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56882 GHz	-30.91 dBm	-20.91 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.56999 GHz	-28.19 dBm	-18.19 dB
2.570 GHz	2.615 GHz	100.000 kHz	2.57101 GHz	14.48 dBm	-15.52 dB

Date: 26.JUL.2024 14:31:43

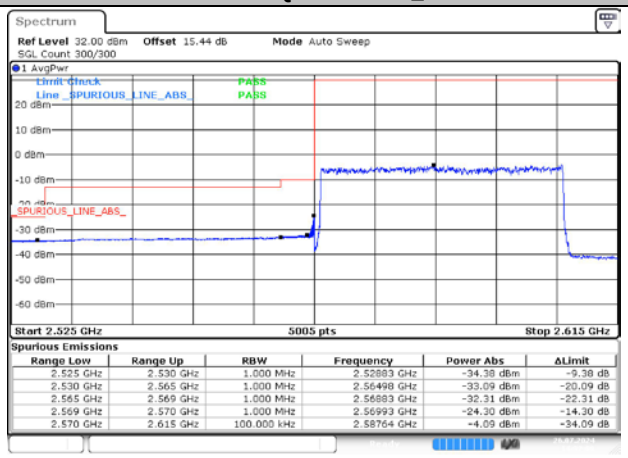
HCH / DFT-QPSK / Edge_1RB_Right

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.575 GHz	2.620 GHz	100.000 kHz	2.61881 GHz	14.95 dBm	-15.05 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62006 GHz	-29.77 dBm	-19.77 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62116 GHz	-32.36 dBm	-22.36 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.65306 GHz	-34.29 dBm	-21.29 dB
2.660 GHz	2.665 GHz	1.000 MHz	2.66064 GHz	-33.90 dBm	-8.90 dB

Date: 26.JUL.2024 14:33:42

LCH / DFT-QPSK / Outer_Full

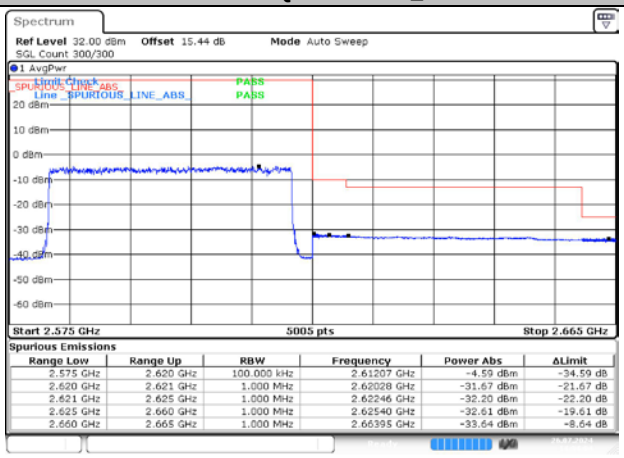


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.525 GHz	2.530 GHz	1.000 MHz	2.52883 GHz	-34.38 dBm	-9.38 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.56498 GHz	-33.09 dBm	-20.09 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56883 GHz	-32.31 dBm	-22.31 dB
2.569 GHz	2.570 GHz	1.000 MHz	2.56993 GHz	-24.30 dBm	-14.30 dB
2.570 GHz	2.615 GHz	100.000 kHz	2.58764 GHz	-4.09 dBm	-34.09 dB

Date: 26.JUL.2024 14:32:09

HCH / DFT-QPSK / Outer_Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.575 GHz	2.620 GHz	100.000 kHz	2.61207 GHz	-4.59 dBm	-34.59 dB
2.620 GHz	2.621 GHz	1.000 MHz	2.62028 GHz	-31.67 dBm	-21.67 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62246 GHz	-32.20 dBm	-22.20 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.62540 GHz	-32.61 dBm	-19.61 dB
2.660 GHz	2.665 GHz	1.000 MHz	2.66395 GHz	-33.64 dBm	-8.64 dB

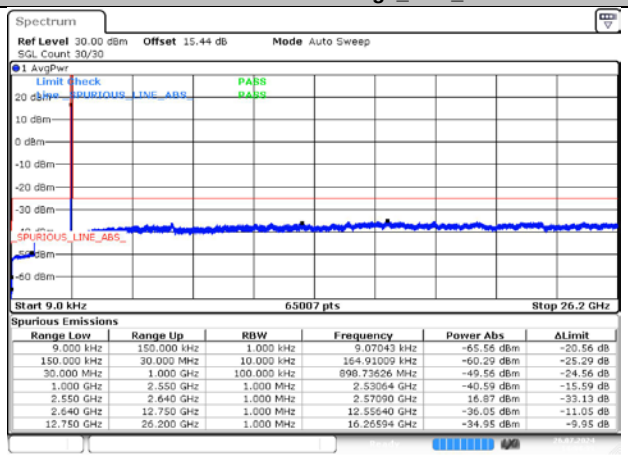
Date: 26.JUL.2024 14:34:04

6. Conducted Spurious Emission

6.1. Test Plots

n38A / 30KHz / 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	-65.56 dBm	-20.56 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.29 dBm	-25.29 dB
30.000 MHz	1.000 GHz	100.000 kHz	898.73626 MHz	-49.56 dBm	-24.56 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53064 GHz	-40.59 dBm	-15.59 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.57090 GHz	16.87 dBm	-33.13 dB
2.640 GHz	12.750 GHz	1.000 MHz	12.55640 GHz	-36.05 dBm	-11.05 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.26594 GHz	-34.95 dBm	-9.95 dB

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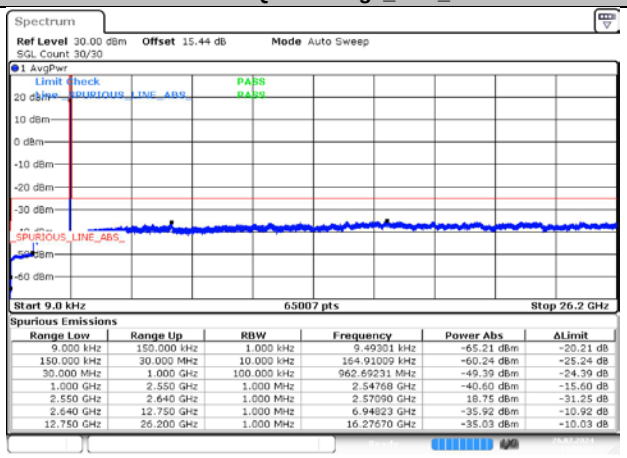
LCH / DFT-QPSK / Edge_1RB_Left



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.49301 kHz	-65.21 dBm	-20.21 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.24 dBm	-25.24 dB
30.000 MHz	1.000 GHz	100.000 kHz	962.69231 MHz	-49.39 dBm	-24.39 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54768 GHz	-40.60 dBm	-15.60 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.57090 GHz	18.75 dBm	-31.25 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.94823 GHz	-35.92 dBm	-10.92 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.27670 GHz	-35.03 dBm	-10.03 dB

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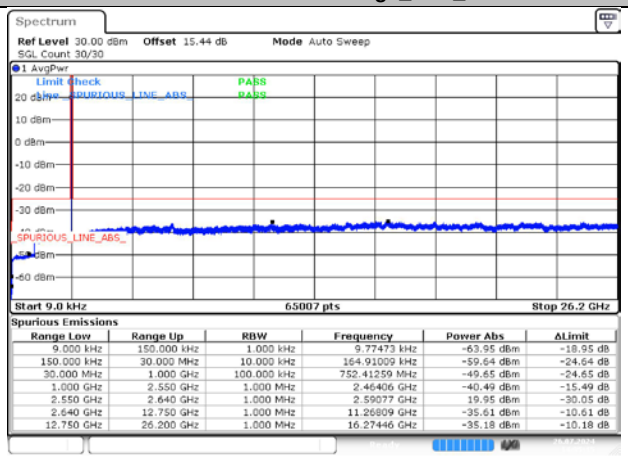
MCH / DFT-Pi2BPSK / Edge_1RB_Left

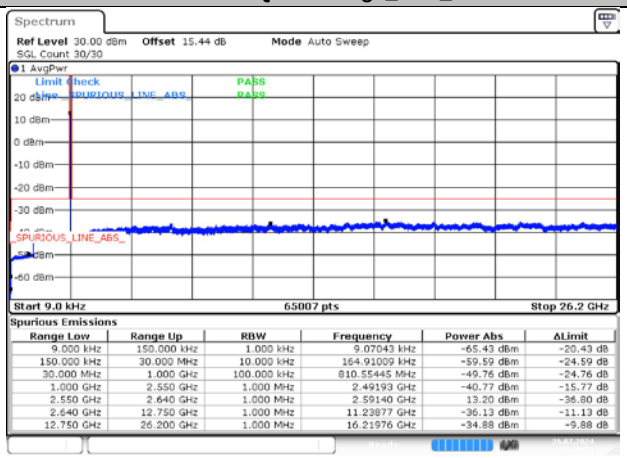


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.77473 kHz	-63.95 dBm	-18.95 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-59.64 dBm	-24.64 dB
30.000 MHz	1.000 GHz	100.000 kHz	752.41259 MHz	-49.65 dBm	-24.65 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.46406 GHz	-40.49 dBm	-15.49 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.59077 GHz	19.95 dBm	-30.05 dB
2.640 GHz	12.750 GHz	1.000 MHz	11.26809 GHz	-35.61 dBm	-10.61 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.27446 GHz	-35.18 dBm	-10.18 dB

Date: 26.JUL.2024 14:35:15

MCH / DFT-QPSK / Edge_1RB_Left

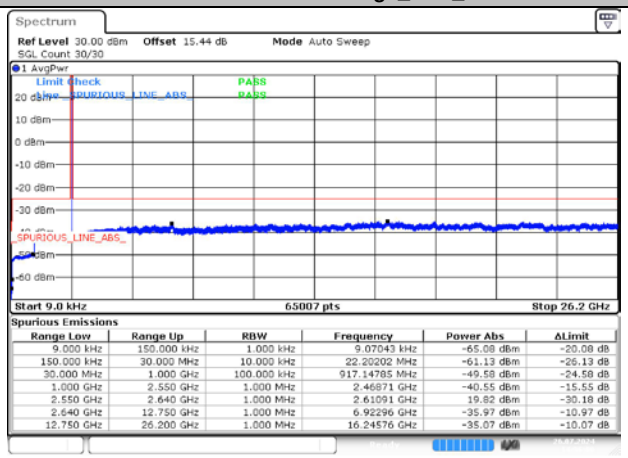


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-65.43 dBm	-20.43 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-59.59 dBm	-24.59 dB
30.000 MHz	1.000 GHz	100.000 kHz	810.55445 MHz	-49.76 dBm	-24.76 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.49193 GHz	-40.77 dBm	-15.77 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.59140 GHz	13.20 dBm	-36.80 dB
2.640 GHz	12.750 GHz	1.000 MHz	11.23877 GHz	-36.13 dBm	-11.13 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.21976 GHz	-34.88 dBm	-9.88 dB

Date: 26.JUL.2024 14:35:35

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	9.07043 kHz	-65.08 dBm	-20.08 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.20202 MHz	-61.13 dBm	-26.13 dB
30.000 MHz	1.000 GHz	100.000 kHz	917.14785 MHz	-49.58 dBm	-24.58 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.46871 GHz	-40.55 dBm	-15.55 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.61091 GHz	19.82 dBm	-30.18 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.92296 GHz	-35.97 dBm	-10.97 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.24576 GHz	-35.07 dBm	-10.07 dB

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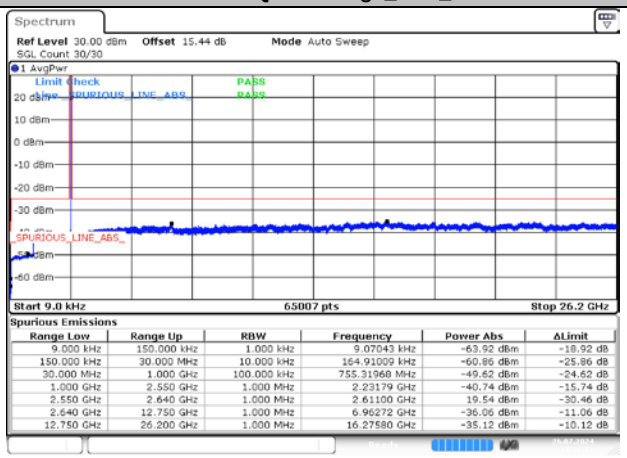
HCH / DFT-QPSK / Edge_1RB_Left



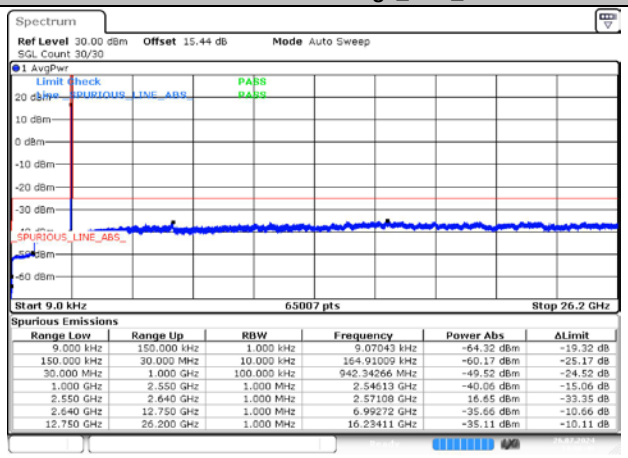
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-63.92 dBm	-18.92 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.86 dBm	-25.86 dB
30.000 MHz	1.000 GHz	100.000 kHz	755.31968 MHz	-49.62 dBm	-24.62 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.23179 GHz	-40.74 dBm	-15.74 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.61100 GHz	19.54 dBm	-30.46 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.96272 GHz	-36.06 dBm	-11.06 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.27580 GHz	-35.12 dBm	-10.12 dB

Date: 26.JUL.2024 14:36:21

n38A / 30KHz / 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	9.07043 kHz	-64.32 dBm	-19.32 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.17 dBm	-25.17 dB
30.000 MHz	1.000 GHz	100.000 kHz	942.34266 MHz	-49.52 dBm	-24.52 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54613 GHz	-40.06 dBm	-15.06 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.57108 GHz	16.65 dBm	-33.35 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.99272 GHz	-35.66 dBm	-10.66 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.23411 GHz	-35.11 dBm	-10.11 dB

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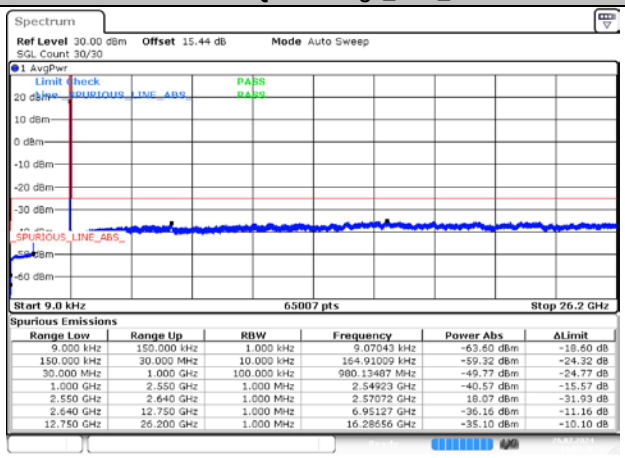
LCH / DFT-QPSK / Edge_1RB_Left



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-63.60 dBm	-18.60 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-59.32 dBm	-24.32 dB
30.000 MHz	1.000 GHz	100.000 kHz	980.13487 MHz	-49.77 dBm	-24.77 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54923 GHz	-40.57 dBm	-15.57 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.57072 GHz	18.07 dBm	-31.93 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.95127 GHz	-36.16 dBm	-11.16 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.28656 GHz	-35.10 dBm	-10.10 dB

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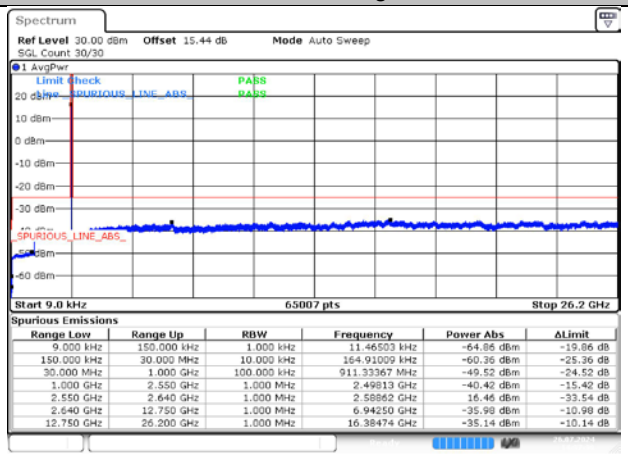
MCH / DFT-Pi2BPSK / Edge_1RB_Left

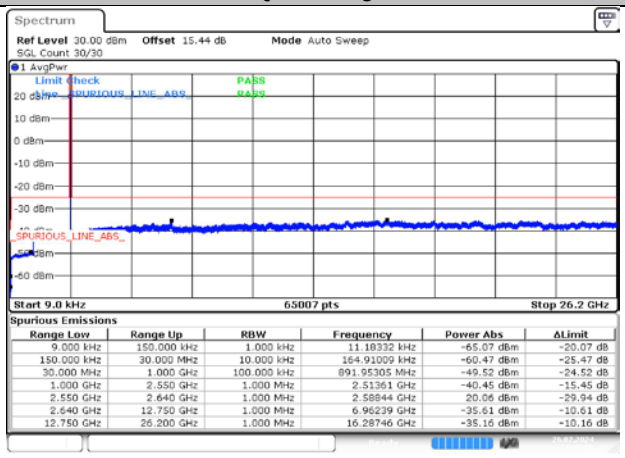


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.46503 kHz	-64.86 dBm	-19.86 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.36 dBm	-25.36 dB
30.000 MHz	1.000 GHz	100.000 kHz	911.33367 MHz	-49.52 dBm	-24.52 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.49813 GHz	-40.42 dBm	-15.42 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.58862 GHz	16.46 dBm	-33.54 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.94250 GHz	-35.98 dBm	-10.98 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.38474 GHz	-35.14 dBm	-10.14 dB

Date: 26.JUL.2024 14:37:38

MCH / DFT-QPSK / Edge_1RB_Left

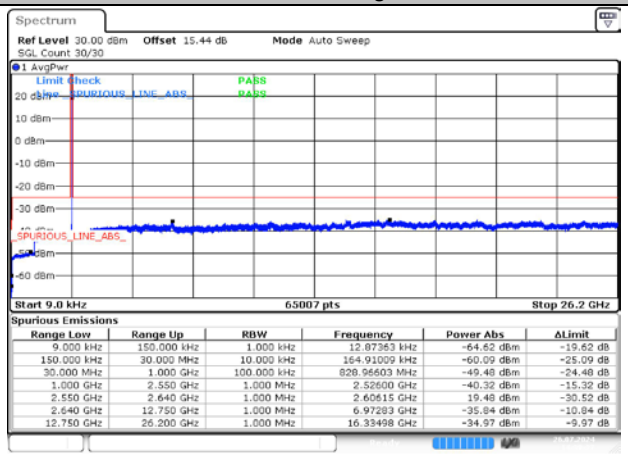


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.18332 kHz	-65.07 dBm	-20.07 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.47 dBm	-25.47 dB
30.000 MHz	1.000 GHz	100.000 kHz	891.95305 MHz	-49.52 dBm	-24.52 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.51361 GHz	-40.45 dBm	-15.45 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.58844 GHz	20.06 dBm	-29.94 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.96239 GHz	-35.61 dBm	-10.61 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.28746 GHz	-35.16 dBm	-10.16 dB

Date: 26.JUL.2024 14:37:58

HCH / DFT-Pi2BPSK / Edge_1RB_Left

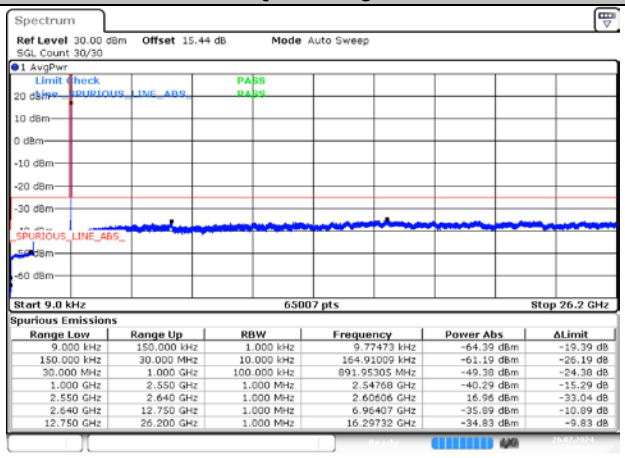


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	12.87363 kHz	-64.62 dBm	-19.62 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.09 dBm	-25.09 dB
30.000 MHz	1.000 GHz	100.000 kHz	828.96603 MHz	-49.48 dBm	-24.48 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.52600 GHz	-40.32 dBm	-15.32 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.60615 GHz	19.48 dBm	-30.52 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.97283 GHz	-35.84 dBm	-10.84 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.33498 GHz	-34.97 dBm	-9.97 dB

Date: 26.JUL.2024 14:38:26

HCH / DFT-QPSK / Edge_1RB_Left



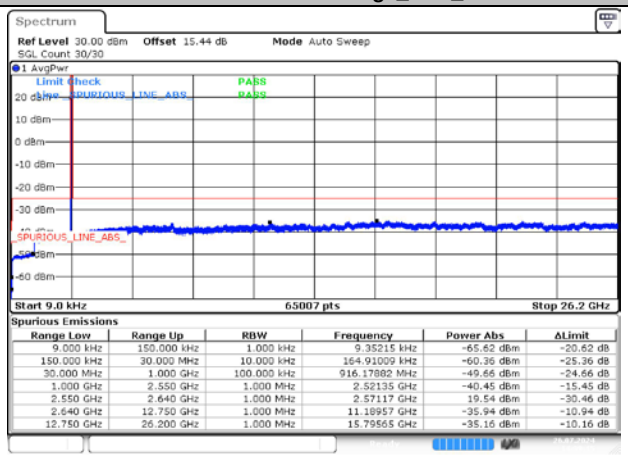
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.77473 kHz	-64.39 dBm	-19.39 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-61.19 dBm	-26.19 dB
30.000 MHz	1.000 GHz	100.000 kHz	891.95305 MHz	-49.38 dBm	-24.38 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54768 GHz	-40.29 dBm	-15.29 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.60606 GHz	16.96 dBm	-33.04 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.96407 GHz	-35.89 dBm	-10.89 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.29732 GHz	-34.83 dBm	-9.83 dB

Date: 26.JUL.2024 14:38:47

n38A / 30KHz / 20MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

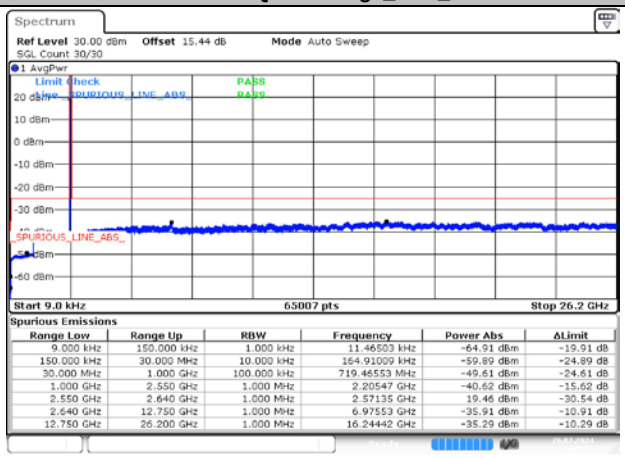


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.35215 kHz	-65.62 dBm	-20.62 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.36 dBm	-25.36 dB
30.000 MHz	1.000 GHz	100.000 kHz	916.17882 MHz	-49.66 dBm	-24.66 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.52135 GHz	-40.45 dBm	-15.45 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.57117 GHz	19.54 dBm	-30.46 dB
2.640 GHz	12.750 GHz	1.000 MHz	11.18957 GHz	-35.94 dBm	-10.94 dB
12.750 GHz	26.200 GHz	1.000 MHz	15.79565 GHz	-35.16 dBm	-10.16 dB

Date: 26.JUL.2024 14:39:15

LCH / DFT-QPSK / Edge_1RB_Left

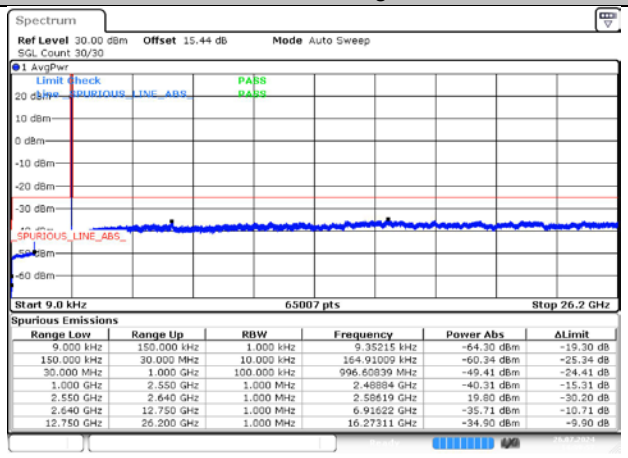


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.46503 kHz	-64.91 dBm	-19.91 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-59.89 dBm	-24.89 dB
30.000 MHz	1.000 GHz	100.000 kHz	719.46553 MHz	-49.61 dBm	-24.61 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.20547 GHz	-40.62 dBm	-15.62 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.57135 GHz	19.46 dBm	-30.54 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.97553 GHz	-35.91 dBm	-10.91 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.24442 GHz	-35.29 dBm	-10.29 dB

Date: 26.JUL.2024 14:39:35

MCH / DFT-Pi2BPSK / Edge_1RB_Left

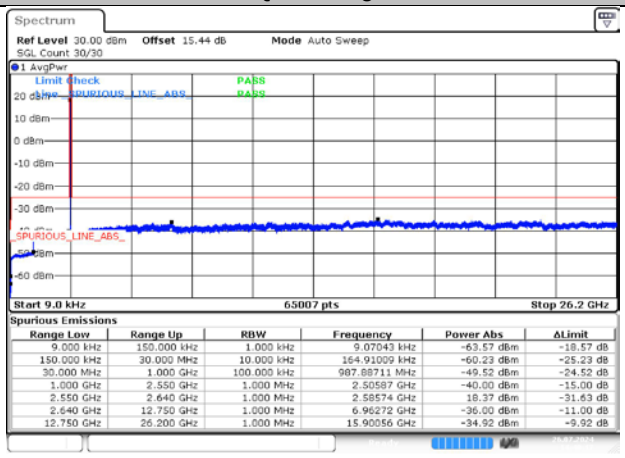


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.35215 kHz	-64.30 dBm	-19.30 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.34 dBm	-25.34 dB
30.000 MHz	1.000 GHz	100.000 kHz	996.60839 MHz	-49.41 dBm	-24.41 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.48884 GHz	-40.31 dBm	-15.31 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.58619 GHz	19.80 dBm	-30.20 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.91622 GHz	-35.71 dBm	-10.71 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.27311 GHz	-34.90 dBm	-9.90 dB

Date: 26.JUL.2024 14:39:56

MCH / DFT-QPSK / Edge_1RB_Left

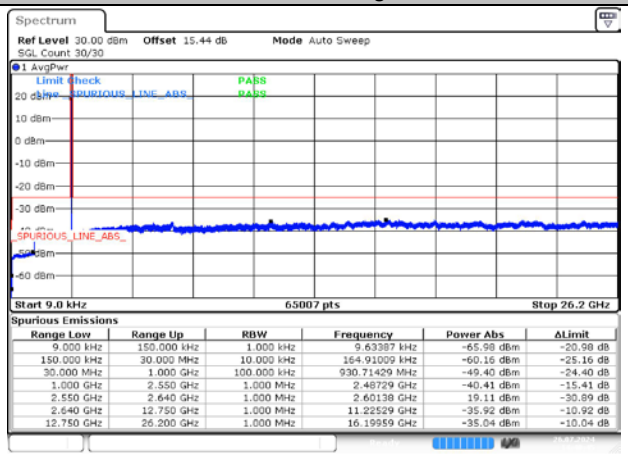


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-63.57 dBm	-18.57 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.23 dBm	-25.23 dB
30.000 MHz	1.000 GHz	100.000 kHz	987.88711 MHz	-49.52 dBm	-24.52 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.50587 GHz	-40.00 dBm	-15.00 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.58574 GHz	18.37 dBm	-31.63 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.96272 GHz	-36.00 dBm	-11.00 dB
12.750 GHz	26.200 GHz	1.000 MHz	15.90056 GHz	-34.92 dBm	-9.92 dB

Date: 26.JUL.2024 14:40:17

HCH / DFT-Pi2BPSK / Edge_1RB_Left

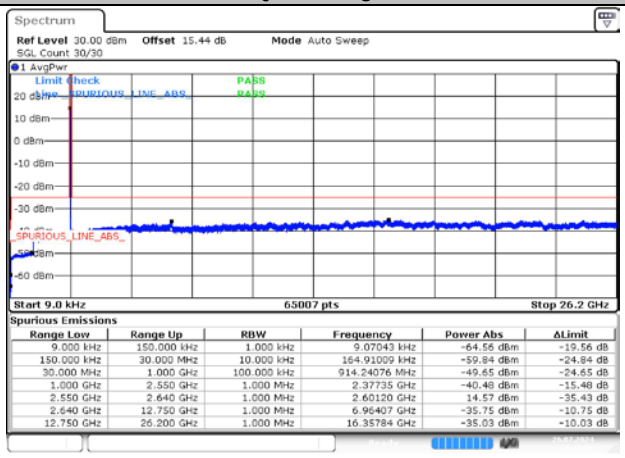


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.63387 kHz	-65.98 dBm	-20.98 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.16 dBm	-25.16 dB
30.000 MHz	1.000 GHz	100.000 kHz	930.71429 MHz	-49.40 dBm	-24.40 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.48729 GHz	-40.41 dBm	-15.41 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.60138 GHz	19.11 dBm	-30.89 dB
2.640 GHz	12.750 GHz	1.000 MHz	11.22529 GHz	-35.92 dBm	-10.92 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.19959 GHz	-35.04 dBm	-10.04 dB

Date: 26.JUL.2024 14:40:45

HCH / DFT-QPSK / Edge_1RB_Left



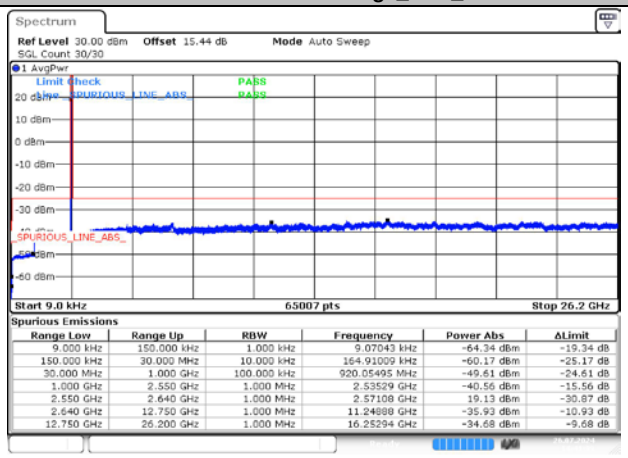
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-64.56 dBm	-19.56 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-59.84 dBm	-24.84 dB
30.000 MHz	1.000 GHz	100.000 kHz	914.24076 MHz	-49.65 dBm	-24.65 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.37735 GHz	-40.48 dBm	-15.48 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.60120 GHz	14.57 dBm	-35.43 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.96407 GHz	-35.75 dBm	-10.75 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.35784 GHz	-35.03 dBm	-10.03 dB

Date: 26.JUL.2024 14:41:05

n38A / 30KHz / 30MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

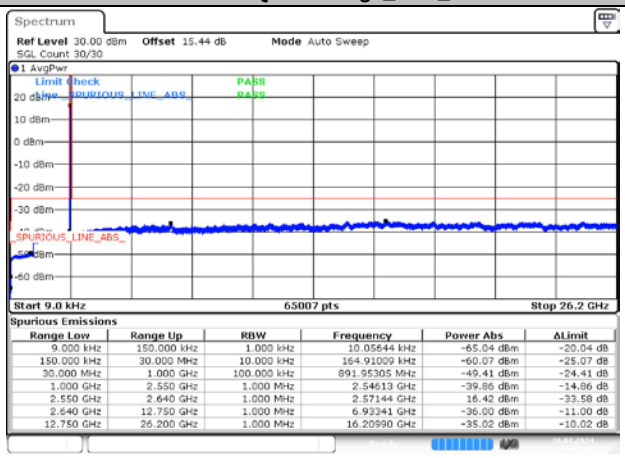


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-64.34 dBm	-19.34 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.17 dBm	-25.17 dB
30.000 MHz	1.000 GHz	100.000 kHz	920.05495 MHz	-49.61 dBm	-24.61 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53529 GHz	-40.56 dBm	-15.56 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.57108 GHz	19.13 dBm	-30.87 dB
2.640 GHz	12.750 GHz	1.000 MHz	11.24888 GHz	-35.93 dBm	-10.93 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.25294 GHz	-34.68 dBm	-9.68 dB

Date: 26.JUL.2024 14:41:33

LCH / DFT-QPSK / Edge_1RB_Left

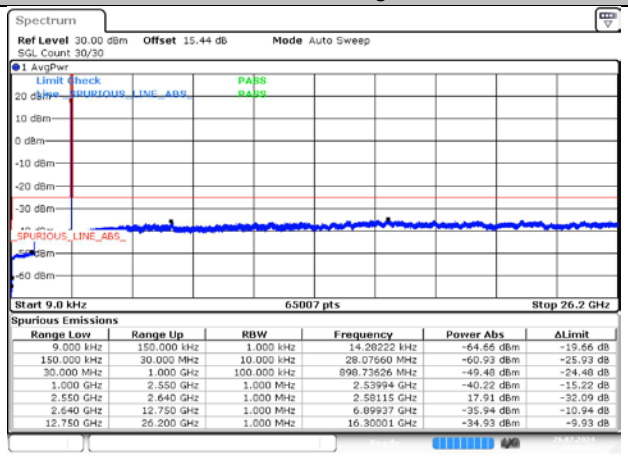


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.05644 kHz	-65.04 dBm	-20.04 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.07 dBm	-25.07 dB
30.000 MHz	1.000 GHz	100.000 kHz	891.95305 MHz	-49.41 dBm	-24.41 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54613 GHz	-39.86 dBm	-14.86 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.57144 GHz	16.42 dBm	-33.58 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.93341 GHz	-36.00 dBm	-11.00 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.20990 GHz	-35.02 dBm	-10.02 dB

Date: 26.JUL.2024 14:41:54

MCH / DFT-Pi2BPSK / Edge_1RB_Left

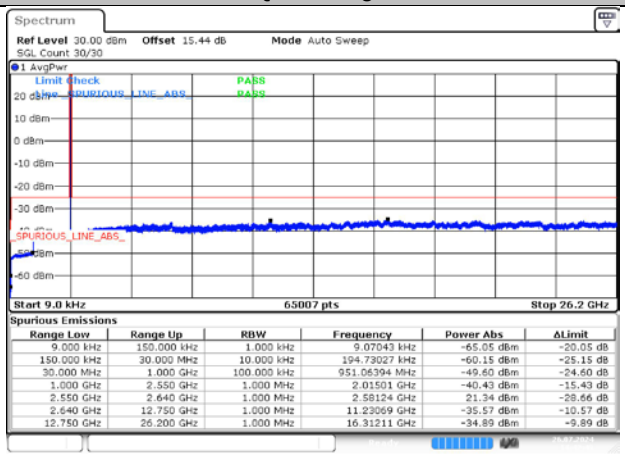


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	14.28222 kHz	-64.66 dBm	-19.66 dB
150.000 kHz	30.000 MHz	10.000 kHz	28.07660 MHz	-60.93 dBm	-25.93 dB
30.000 MHz	1.000 GHz	100.000 kHz	898.73626 MHz	-49.48 dBm	-24.48 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53994 GHz	-40.22 dBm	-15.22 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.58115 GHz	17.91 dBm	-32.09 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.89937 GHz	-35.94 dBm	-10.94 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.30001 GHz	-34.93 dBm	-9.93 dB

Date: 26.JUL.2024 14:42:22

MCH / DFT-QPSK / Edge_1RB_Left

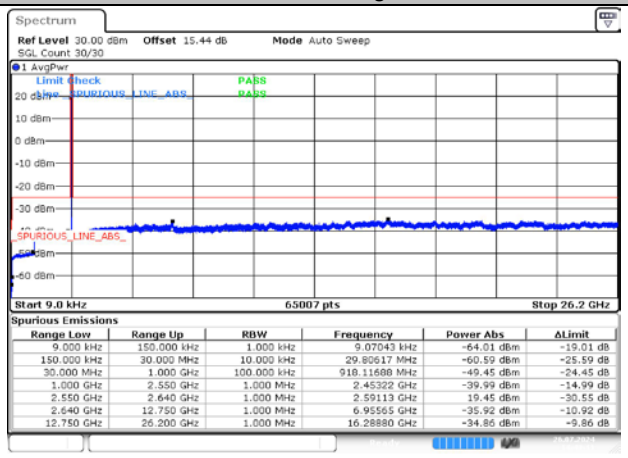


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-65.05 dBm	-20.05 dB
150.000 kHz	30.000 MHz	10.000 kHz	194.73027 kHz	-60.15 dBm	-25.15 dB
30.000 MHz	1.000 GHz	100.000 kHz	951.06394 MHz	-49.60 dBm	-24.60 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.01501 GHz	-40.43 dBm	-15.43 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.58124 GHz	21.34 dBm	-28.66 dB
2.640 GHz	12.750 GHz	1.000 MHz	11.23069 GHz	-35.57 dBm	-10.57 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.31211 GHz	-34.89 dBm	-9.89 dB

Date: 26.JUL.2024 14:42:42

HCH / DFT-Pi2BPSK / Edge_1RB_Left

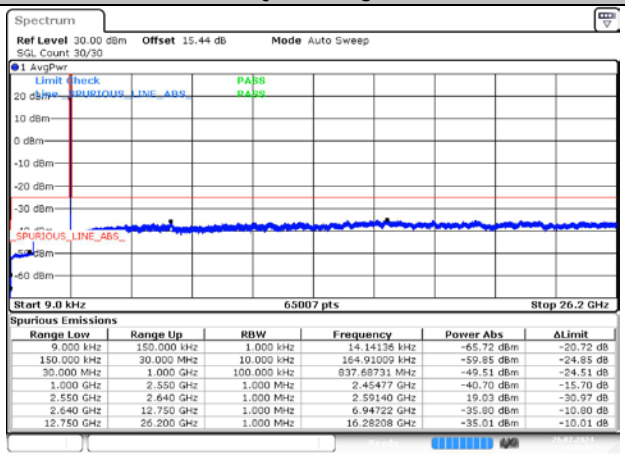


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-64.01 dBm	-19.01 dB
150.000 kHz	30.000 MHz	10.000 kHz	29.80617 MHz	-60.59 dBm	-25.59 dB
30.000 MHz	1.000 GHz	100.000 kHz	918.11688 MHz	-49.45 dBm	-24.45 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.45322 GHz	-39.99 dBm	-14.99 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.59113 GHz	19.45 dBm	-30.55 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.95565 GHz	-35.92 dBm	-10.92 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.28880 GHz	-34.86 dBm	-9.86 dB

Date: 26.JUL.2024 14:43:11

HCH / DFT-QPSK / Edge_1RB_Left



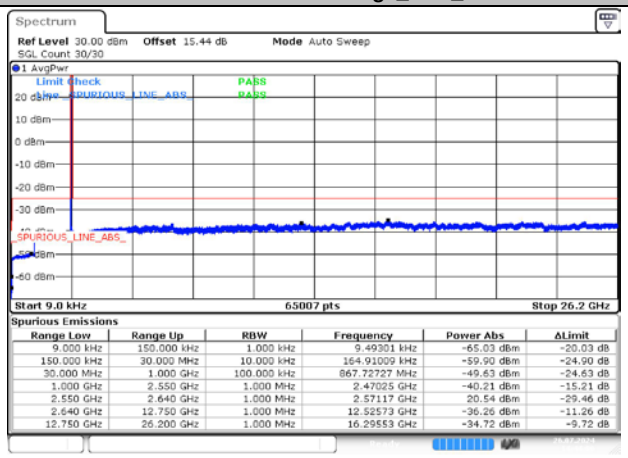
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	14.14136 kHz	-65.72 dBm	-20.72 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-59.85 dBm	-24.85 dB
30.000 MHz	1.000 GHz	100.000 kHz	837.68731 MHz	-49.51 dBm	-24.51 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.45477 GHz	-40.70 dBm	-15.70 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.59140 GHz	19.03 dBm	-30.97 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.94722 GHz	-35.80 dBm	-10.80 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.28208 GHz	-35.01 dBm	-10.01 dB

Date: 26.JUL.2024 14:43:31

n38A / 30KHz / 40MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

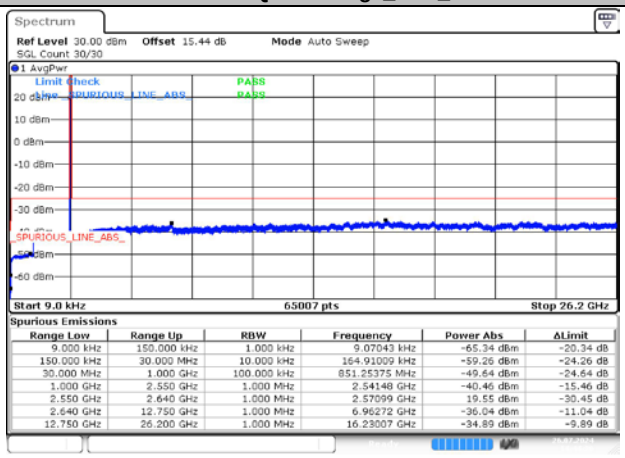


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.49301 kHz	-65.03 dBm	-20.03 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-59.90 dBm	-24.90 dB
30.000 MHz	1.000 GHz	100.000 kHz	867.72727 MHz	-49.63 dBm	-24.63 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.47025 GHz	-40.21 dBm	-15.21 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.57117 GHz	20.54 dBm	-29.46 dB
2.640 GHz	12.750 GHz	1.000 MHz	12.52573 GHz	-36.26 dBm	-11.26 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.29553 GHz	-34.72 dBm	-9.72 dB

Date: 26.JUL.2024 14:44:00

LCH / DFT-QPSK / Edge_1RB_Left

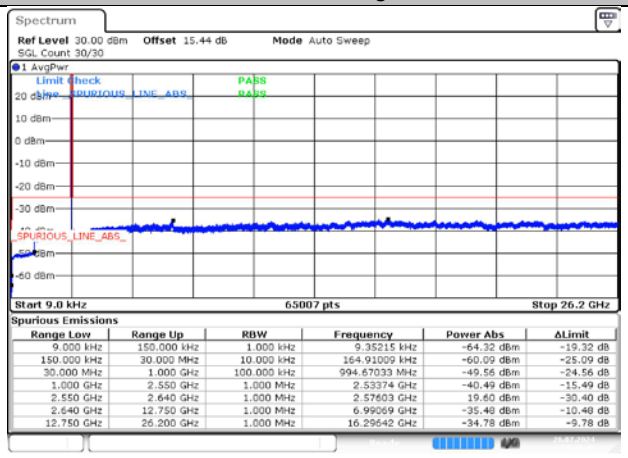


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-65.34 dBm	-20.34 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-59.26 dBm	-24.26 dB
30.000 MHz	1.000 GHz	100.000 kHz	851.25375 MHz	-49.64 dBm	-24.64 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54148 GHz	-40.46 dBm	-15.46 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.57099 GHz	19.55 dBm	-30.45 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.96272 GHz	-36.04 dBm	-11.04 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.23007 GHz	-34.89 dBm	-9.89 dB

Date: 26.JUL.2024 14:44:20

MCH / DFT-Pi2BPSK / Edge_1RB_Left

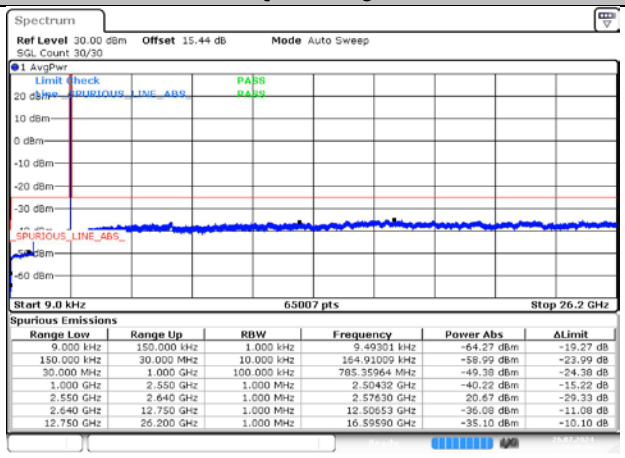


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.35215 kHz	-64.32 dBm	-19.32 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.09 dBm	-25.09 dB
30.000 MHz	1.000 GHz	100.000 kHz	994.67033 MHz	-49.56 dBm	-24.56 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53374 GHz	-40.49 dBm	-15.49 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.57603 GHz	19.60 dBm	-30.40 dB
2.640 GHz	12.750 GHz	1.000 MHz	6.99069 GHz	-35.48 dBm	-10.48 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.29642 GHz	-34.78 dBm	-9.78 dB

Date: 26.JUL.2024 14:44:49

MCH / DFT-QPSK / Edge_1RB_Left

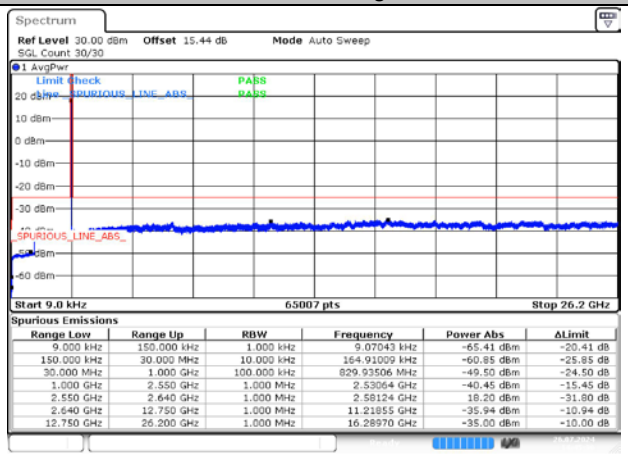


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.49301 kHz	-64.27 dBm	-19.27 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-58.99 dBm	-23.99 dB
30.000 MHz	1.000 GHz	100.000 kHz	785.35964 MHz	-49.38 dBm	-24.38 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.50432 GHz	-40.22 dBm	-15.22 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.57630 GHz	20.67 dBm	-29.33 dB
2.640 GHz	12.750 GHz	1.000 MHz	12.50653 GHz	-36.08 dBm	-11.08 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.59590 GHz	-35.10 dBm	-10.10 dB

Date: 26.JUL.2024 14:45:09

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	9.07043 kHz	-65.41 dBm	-20.41 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-60.85 dBm	-25.85 dB
30.000 MHz	1.000 GHz	100.000 kHz	829.93506 MHz	-49.50 dBm	-24.50 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53064 GHz	-40.45 dBm	-15.45 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.58124 GHz	18.20 dBm	-31.80 dB
2.640 GHz	12.750 GHz	1.000 MHz	11.21855 GHz	-35.94 dBm	-10.94 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.28970 GHz	-35.00 dBm	-10.00 dB

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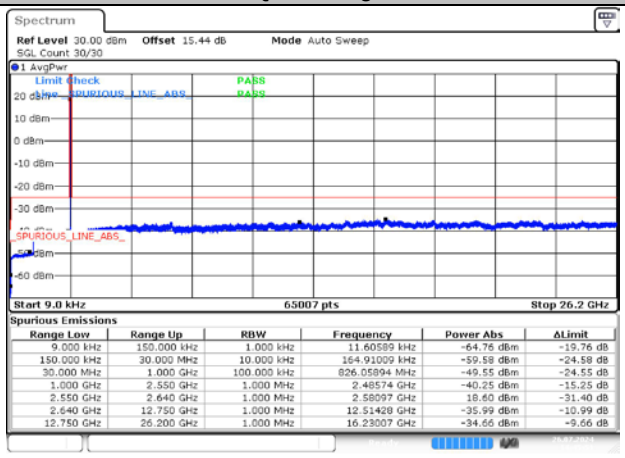
HCH / DFT-QPSK / Edge_1RB_Left



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.60589 kHz	-64.76 dBm	-19.76 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-59.58 dBm	-24.58 dB
30.000 MHz	1.000 GHz	100.000 kHz	826.05894 MHz	-49.55 dBm	-24.55 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.48574 GHz	-40.25 dBm	-15.25 dB
2.550 GHz	2.640 GHz	1.000 MHz	2.58097 GHz	18.60 dBm	-31.40 dB
2.640 GHz	12.750 GHz	1.000 MHz	12.51428 GHz	-35.99 dBm	-10.99 dB
12.750 GHz	26.200 GHz	1.000 MHz	16.23007 GHz	-34.66 dBm	-9.66 dB

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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	40MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-12.50	-0.004817	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-5.80	-0.002235	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-12.70	-0.004894	Pass

7.1.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-30℃	NV	-15.20	-0.005857	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-20℃	NV	-2.80	-0.001079	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-10℃	NV	-7.10	-0.002736	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	0℃	NV	-3.20	-0.001233	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	10℃	NV	6.50	0.002505	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	20℃	NV	-7.20	-0.002775	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	30℃	NV	3.10	0.001195	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	40℃	NV	-9.90	-0.003815	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	50℃	NV	-15.70	-0.006050	Pass

The End