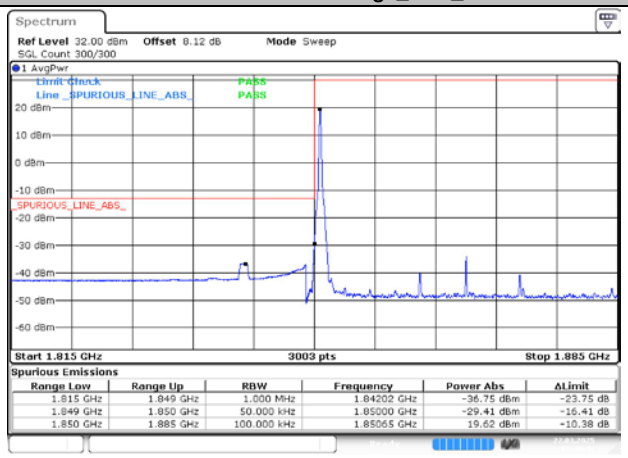
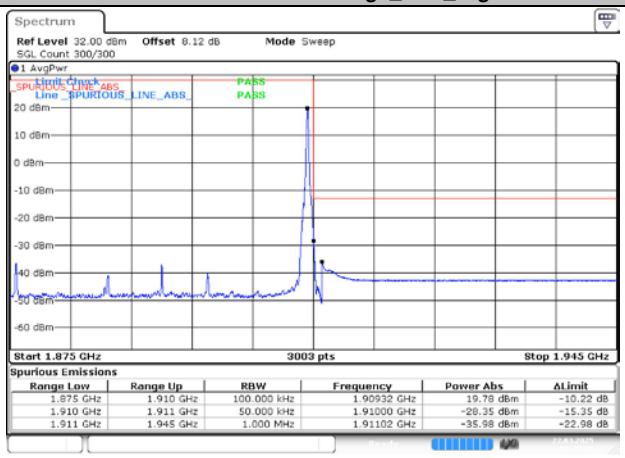
DC_4A_n2A / 15KHz / 35MHz

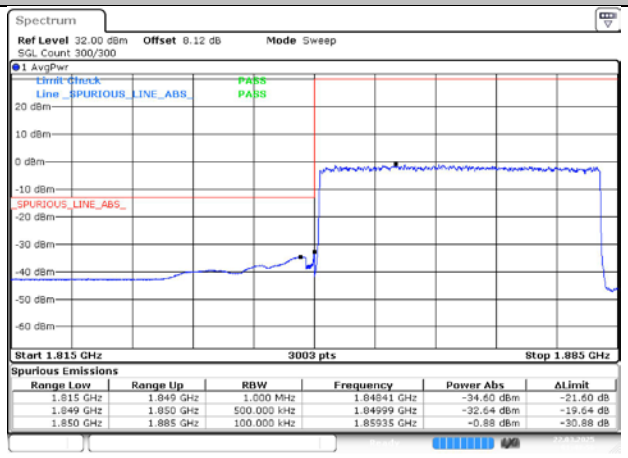
LCH / DFT-Pi2BPSK / Edge_1RB_Left



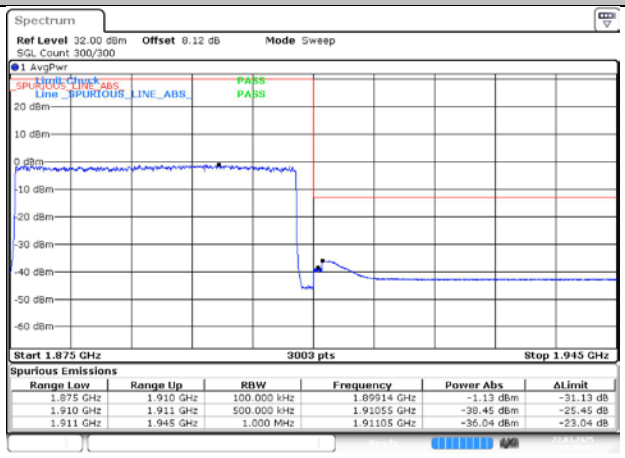
HCH / DFT-Pi2BPSK / Edge_1RB_Right



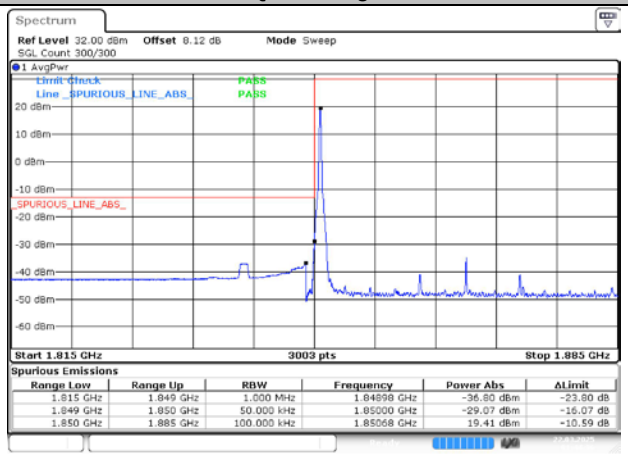
LCH / DFT-Pi2BPSK / Outer_Full



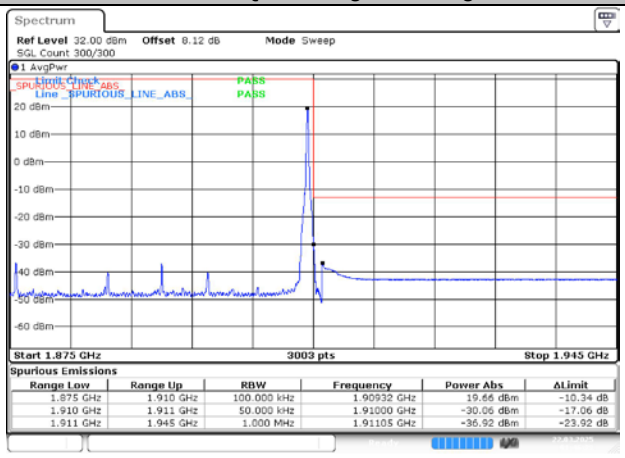
HCH / DFT-Pi2BPSK / Outer_Full



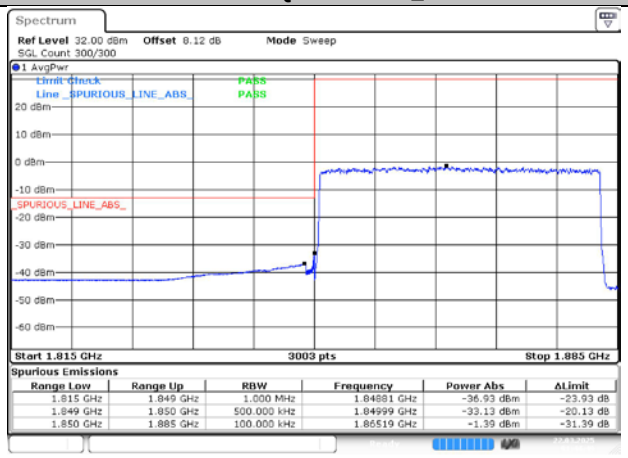
LCH / DFT-QPSK / Edge_1RB_Left



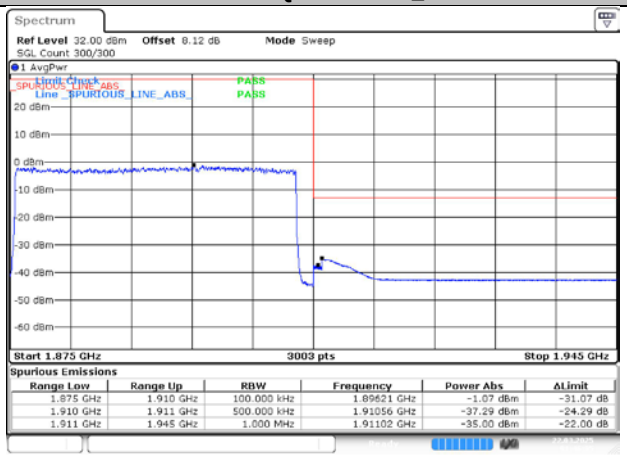
HCH / DFT-QPSK / Edge_1RB_Right



LCH / DFT-QPSK / Outer_Full

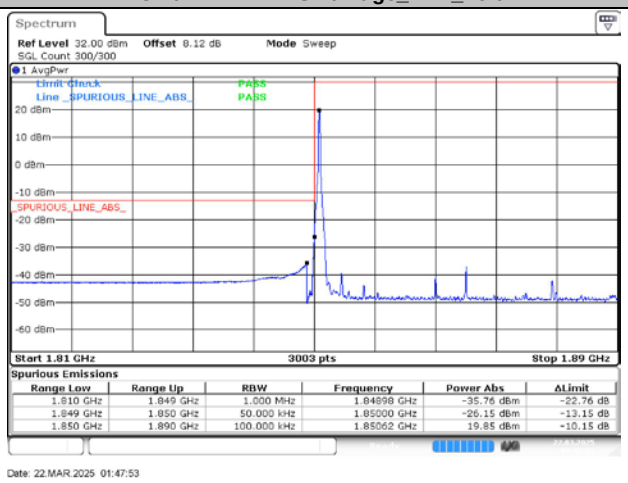


HCH / DFT-QPSK / Outer_Full

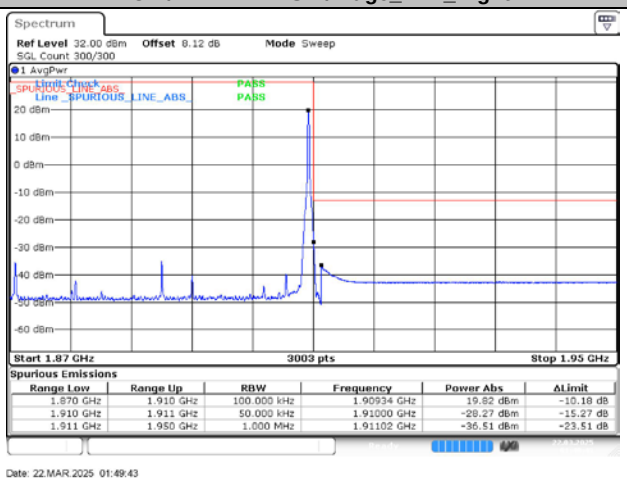


DC_4A_n2A / 15KHz / 40MHz

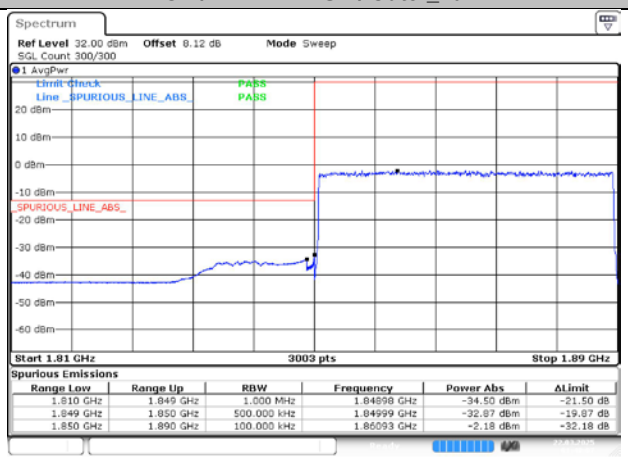
LCH / DFT-Pi2BPSK / Edge_1RB_Left



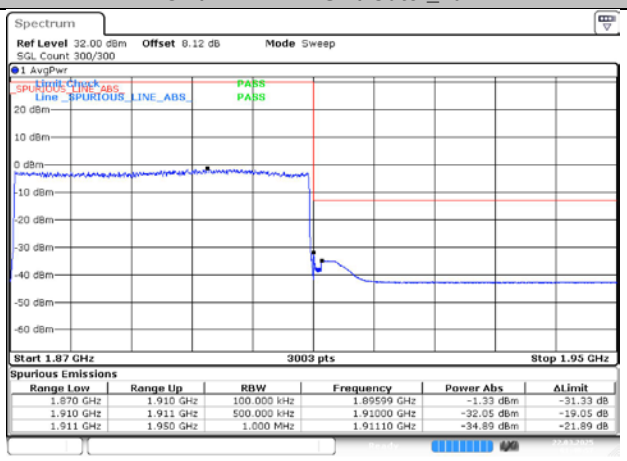
HCH / DFT-Pi2BPSK / Edge_1RB_Right



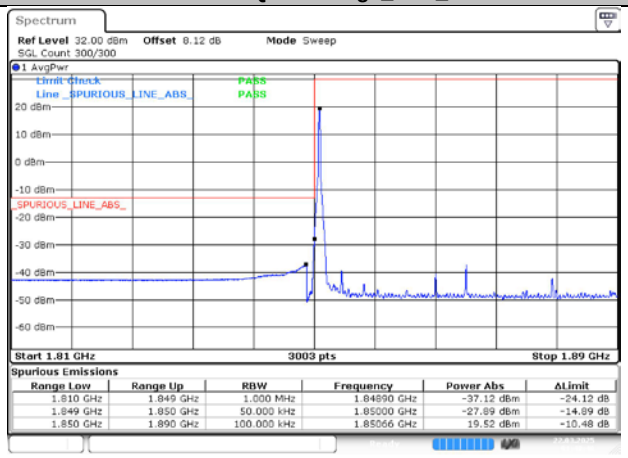
LCH / DFT-Pi2BPSK / Outer_Full



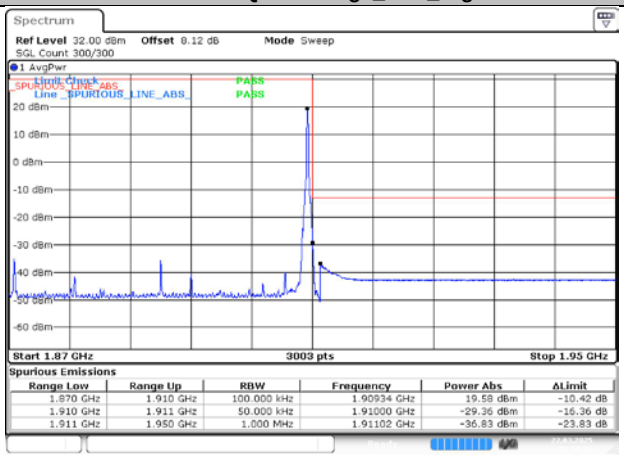
HCH / DFT-Pi2BPSK / Outer_Full



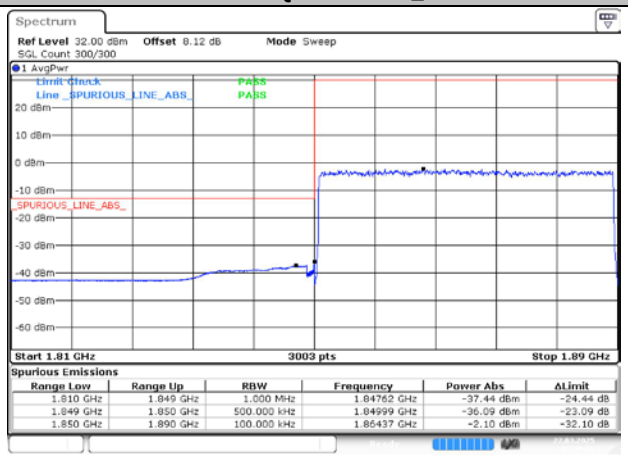
LCH / DFT-QPSK / Edge_1RB_Left



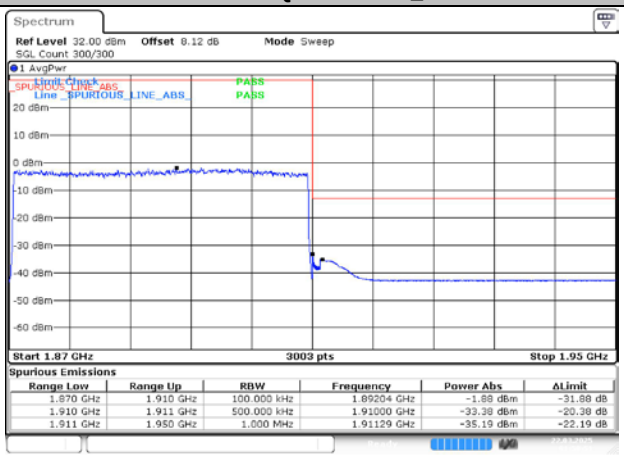
HCH / DFT-QPSK / Edge_1RB_Right



LCH / DFT-QPSK / Outer_Full



HCH / DFT-QPSK / Outer_Full

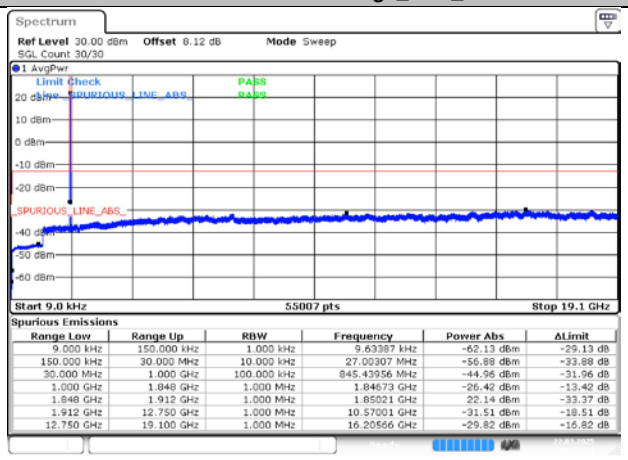


6. Conducted Spurious Emission

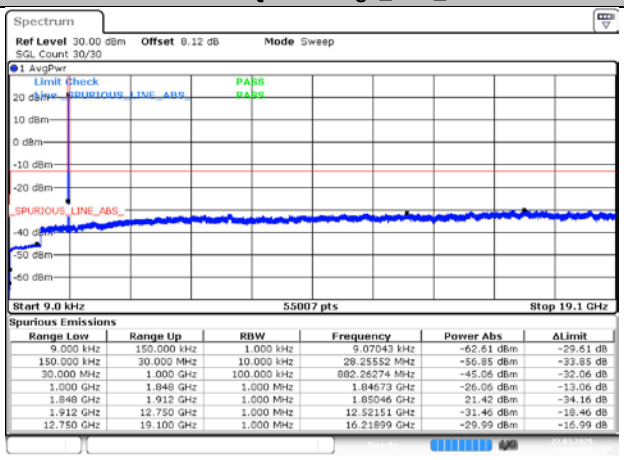
6.1. Test Plots for SCS=15KHz

DC_4A_n2A / 15KHz / 5MHz

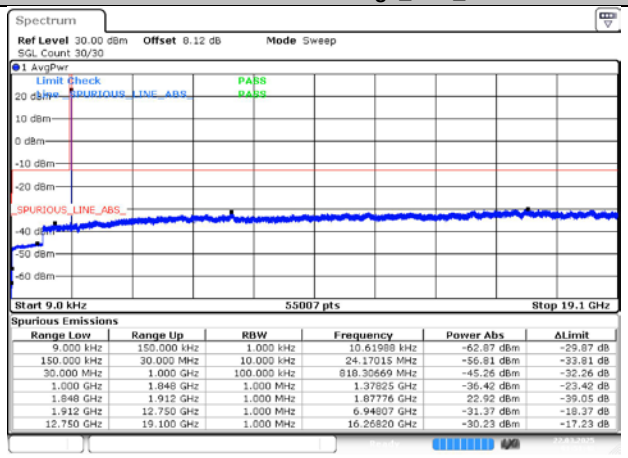
LCH / DFT-Pi2BPSK / Edge_1RB_Left



LCH / DFT-QPSK / Edge_1RB_Left



MCH / DFT-Pi2BPSK / Edge_1RB_Left

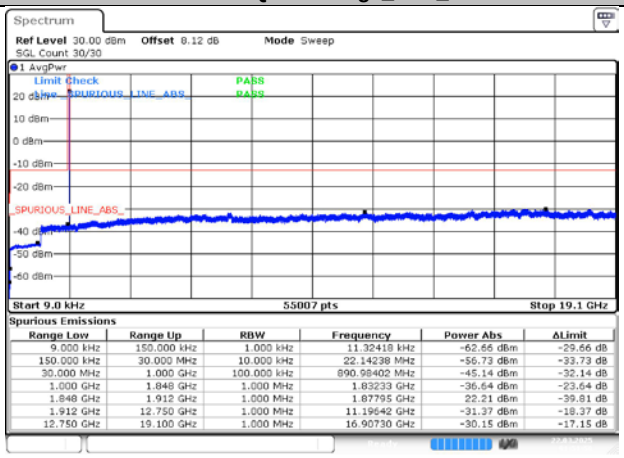


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.61988 kHz	-62.87 dBm	-29.87 dB
150.000 kHz	30.000 MHz	10.000 kHz	24.17015 MHz	-56.81 dBm	-33.81 dB
30.000 MHz	1.000 GHz	100.000 kHz	818.30669 MHz	-45.26 dBm	-32.26 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.37825 GHz	-36.42 dBm	-23.42 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.87776 GHz	22.92 dBm	-39.05 dB
1.912 GHz	12.750 GHz	1.000 MHz	6.94807 GHz	-31.37 dBm	-18.37 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.26820 GHz	-30.23 dBm	-17.23 dB

Date: 22.MAR.2025 01:51:42

MCH / DFT-QPSK / Edge_1RB_Left

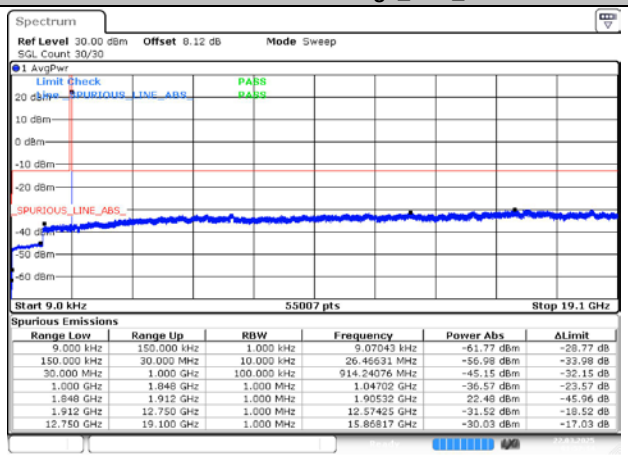


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.32418 kHz	-62.66 dBm	-29.66 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.14238 MHz	-56.73 dBm	-33.73 dB
30.000 MHz	1.000 GHz	100.000 kHz	890.98402 MHz	-45.14 dBm	-32.14 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.83233 GHz	-36.64 dBm	-23.64 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.87795 GHz	22.21 dBm	-39.81 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.19642 GHz	-31.37 dBm	-18.37 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.90730 GHz	-30.15 dBm	-17.15 dB

Date: 22.MAR.2025 01:51:57

HCH / DFT-Pi2BPSK / Edge_1RB_Left

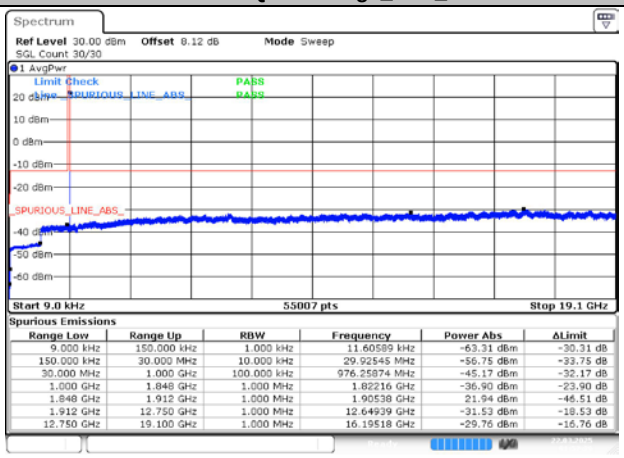


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-61.77 dBm	-28.77 dB
150.000 kHz	30.000 MHz	10.000 kHz	26.46631 MHz	-56.98 dBm	-33.98 dB
30.000 MHz	1.000 GHz	100.000 kHz	914.24076 MHz	-45.15 dBm	-32.15 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.04702 GHz	-36.57 dBm	-23.57 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.90532 GHz	22.48 dBm	-45.96 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.57425 GHz	-31.52 dBm	-18.52 dB
12.750 GHz	19.100 GHz	1.000 MHz	15.86817 GHz	-30.03 dBm	-17.03 dB

Date: 22.MAR.2025 01:52:14

HCH / DFT-QPSK / Edge_1RB_Left



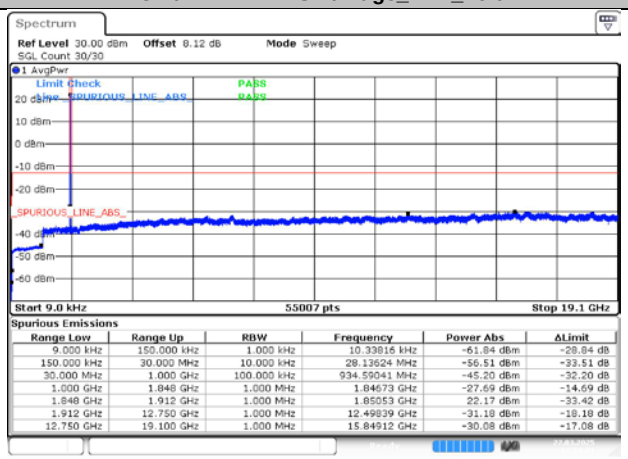
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.60589 kHz	-63.31 dBm	-30.31 dB
150.000 kHz	30.000 MHz	10.000 kHz	29.92545 MHz	-56.75 dBm	-33.75 dB
30.000 MHz	1.000 GHz	100.000 kHz	976.25874 MHz	-45.17 dBm	-32.17 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.82216 GHz	-36.90 dBm	-23.90 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.90538 GHz	21.94 dBm	-46.51 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.64939 GHz	-31.53 dBm	-18.53 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.19518 GHz	-29.76 dBm	-16.76 dB

Date: 22.MAR.2025 01:52:29

DC_4A_n2A / 15KHz / 10MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

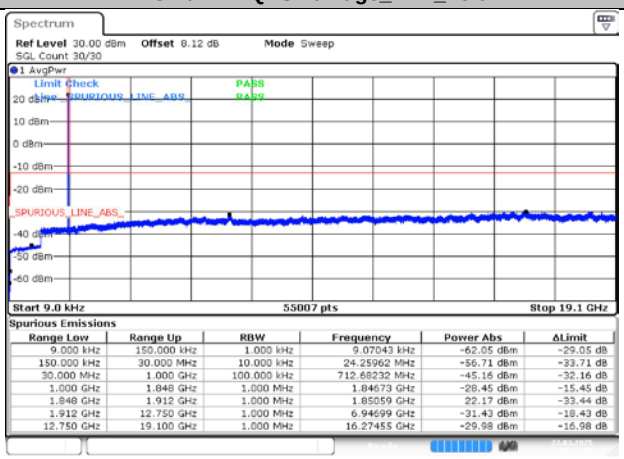


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.33816 kHz	-61.84 dBm	-28.84 dB
150.000 kHz	30.000 MHz	10.000 kHz	28.13624 MHz	-56.51 dBm	-33.51 dB
30.000 MHz	1.000 GHz	100.000 kHz	934.59041 MHz	-45.20 dBm	-32.20 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.84673 GHz	-27.69 dBm	-14.69 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.85053 GHz	22.17 dBm	-33.42 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.49839 GHz	-31.18 dBm	-18.18 dB
12.750 GHz	19.100 GHz	1.000 MHz	15.84912 GHz	-30.08 dBm	-17.08 dB

Date: 22.MAR.2025 01:53:21

LCH / DFT-QPSK / Edge_1RB_Left

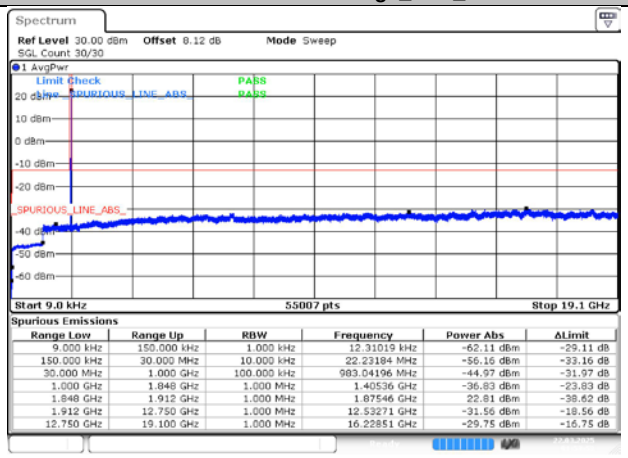


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-62.05 dBm	-29.05 dB
150.000 kHz	30.000 MHz	10.000 kHz	24.25962 MHz	-56.71 dBm	-33.71 dB
30.000 MHz	1.000 GHz	100.000 kHz	712.68232 MHz	-45.16 dBm	-32.16 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.84673 GHz	-28.45 dBm	-15.45 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.85059 GHz	22.17 dBm	-33.44 dB
1.912 GHz	12.750 GHz	1.000 MHz	6.94699 GHz	-31.43 dBm	-18.43 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.27455 GHz	-29.98 dBm	-16.98 dB

Date: 22.MAR.2025 01:53:36

MCH / DFT-Pi2BPSK / Edge_1RB_Left

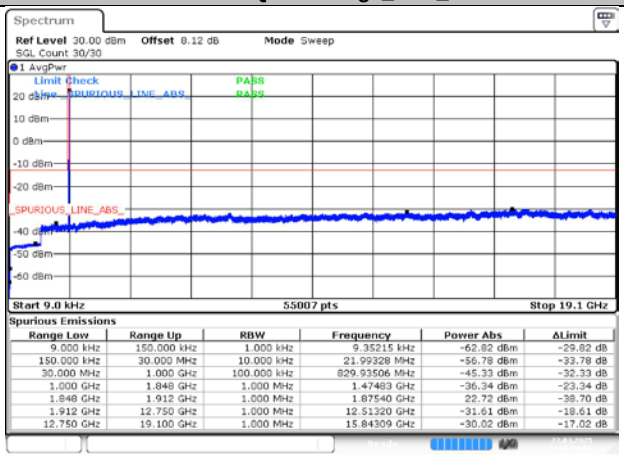


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	12.31019 kHz	-62.11 dBm	-29.11 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.23184 MHz	-56.16 dBm	-33.16 dB
30.000 MHz	1.000 GHz	100.000 kHz	983.04196 MHz	-44.97 dBm	-31.97 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.40536 GHz	-36.83 dBm	-23.83 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.87546 GHz	22.81 dBm	-38.62 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.53271 GHz	-31.56 dBm	-18.56 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.22851 GHz	-29.75 dBm	-16.75 dB

Date: 22.MAR.2025 01:53:53

MCH / DFT-QPSK / Edge_1RB_Left

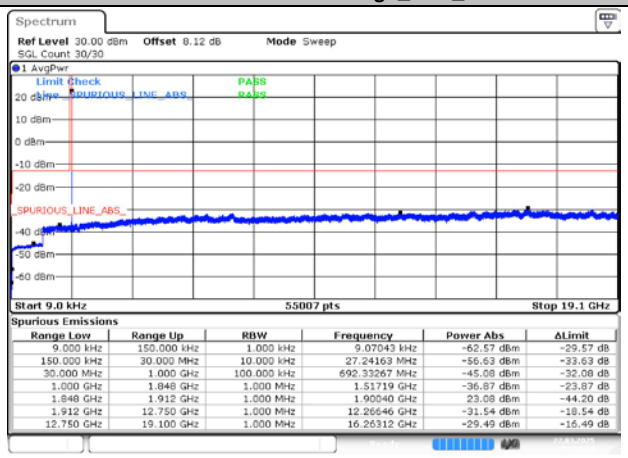


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.35215 kHz	-62.82 dBm	-29.82 dB
150.000 kHz	30.000 MHz	10.000 kHz	21.99328 MHz	-56.78 dBm	-33.78 dB
30.000 MHz	1.000 GHz	100.000 kHz	829.93506 MHz	-45.33 dBm	-32.33 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.47483 GHz	-36.34 dBm	-23.34 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.87540 GHz	22.72 dBm	-38.70 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.51320 GHz	-31.61 dBm	-18.61 dB
12.750 GHz	19.100 GHz	1.000 MHz	15.84309 GHz	-30.02 dBm	-17.02 dB

Date: 22.MAR.2025 01:54:08

HCH / DFT-Pi2BPSK / Edge_1RB_Left

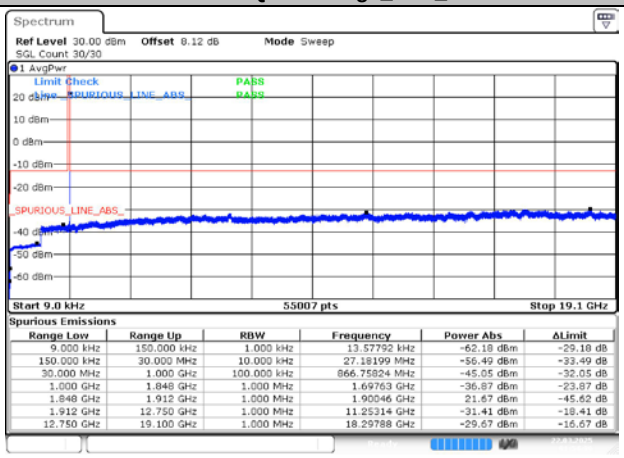


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-62.57 dBm	-29.57 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.24163 MHz	-56.63 dBm	-33.63 dB
30.000 MHz	1.000 GHz	100.000 kHz	692.33267 MHz	-45.08 dBm	-32.08 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.51719 GHz	-36.87 dBm	-23.87 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.90040 GHz	23.08 dBm	-44.20 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.26646 GHz	-31.54 dBm	-18.54 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.26312 GHz	-29.49 dBm	-16.49 dB

Date: 22.MAR.2025 01:54:24

HCH / DFT-QPSK / Edge_1RB_Left



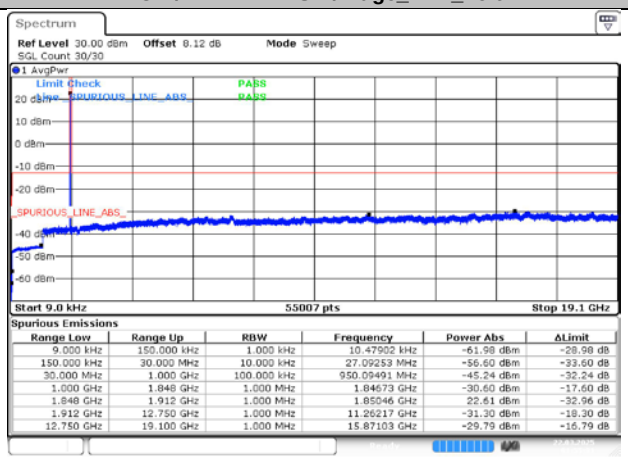
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	13.57792 kHz	-62.18 dBm	-29.18 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.18199 MHz	-56.49 dBm	-33.49 dB
30.000 MHz	1.000 GHz	100.000 kHz	866.75824 MHz	-45.05 dBm	-32.05 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.69763 GHz	-36.87 dBm	-23.87 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.90046 GHz	21.67 dBm	-45.62 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.25314 GHz	-31.41 dBm	-18.41 dB
12.750 GHz	19.100 GHz	1.000 MHz	18.29788 GHz	-29.67 dBm	-16.67 dB

Date: 22.MAR.2025 01:54:39

DC_4A_n2A / 15KHz / 15MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

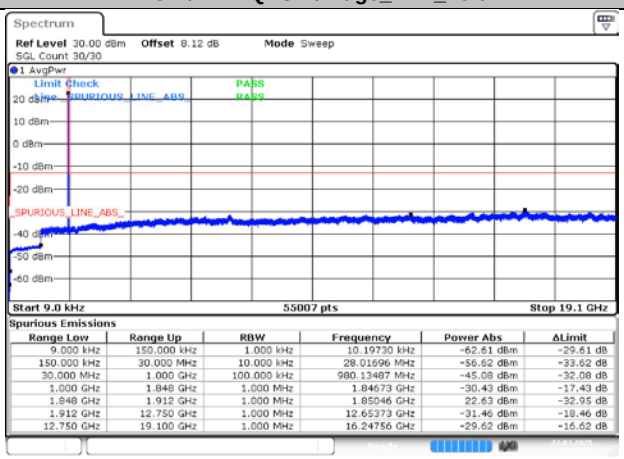


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.47902 kHz	-61.98 dBm	-28.98 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.09253 MHz	-56.60 dBm	-33.60 dB
30.000 MHz	1.000 GHz	100.000 kHz	950.09491 MHz	-45.24 dBm	-32.24 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.84673 GHz	-30.60 dBm	-17.60 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.85046 GHz	22.61 dBm	-32.96 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.26217 GHz	-31.30 dBm	-18.30 dB
12.750 GHz	19.100 GHz	1.000 MHz	15.87103 GHz	-29.79 dBm	-16.79 dB

Date: 22.MAR.2025 01:55:31

LCH / DFT-QPSK / Edge_1RB_Left

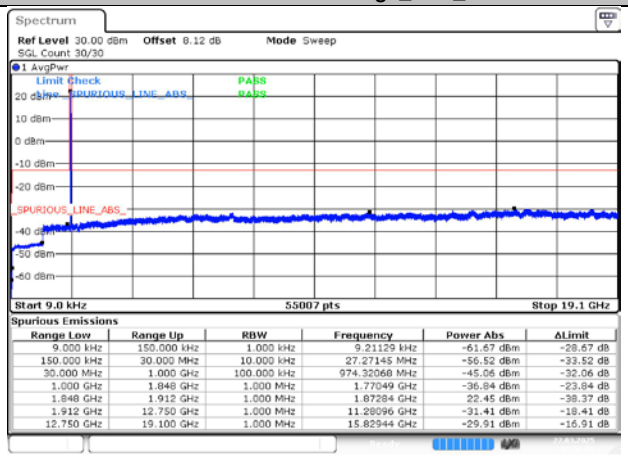


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.19730 kHz	-62.61 dBm	-29.61 dB
150.000 kHz	30.000 MHz	10.000 kHz	28.01696 MHz	-56.62 dBm	-33.62 dB
30.000 MHz	1.000 GHz	100.000 kHz	980.13487 MHz	-45.08 dBm	-32.08 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.84673 GHz	-30.43 dBm	-17.43 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.85046 GHz	22.63 dBm	-32.95 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.65373 GHz	-31.46 dBm	-18.46 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.24756 GHz	-29.62 dBm	-16.62 dB

Date: 22.MAR.2025 01:55:46

MCH / DFT-Pi2BPSK / Edge_1RB_Left

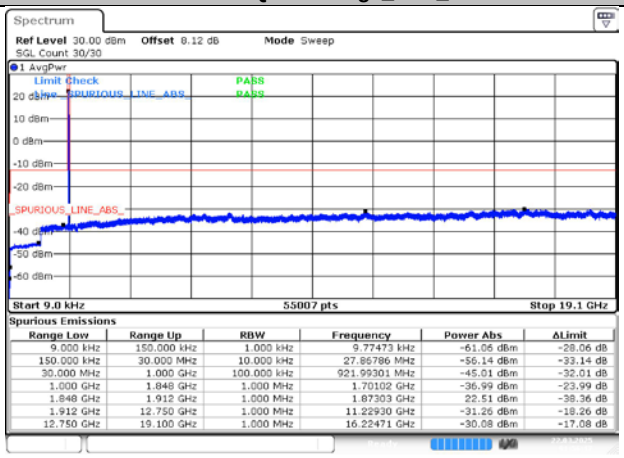


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.21129 kHz	-61.67 dBm	-28.67 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.27145 MHz	-56.52 dBm	-33.52 dB
30.000 MHz	1.000 GHz	100.000 kHz	974.32068 MHz	-45.06 dBm	-32.06 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.77049 GHz	-36.84 dBm	-23.84 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.87284 GHz	22.45 dBm	-38.37 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.28096 GHz	-31.41 dBm	-18.41 dB
12.750 GHz	19.100 GHz	1.000 MHz	15.82944 GHz	-29.91 dBm	-16.91 dB

Date: 22.MAR.2025 01:56:02

MCH / DFT-QPSK / Edge_1RB_Left

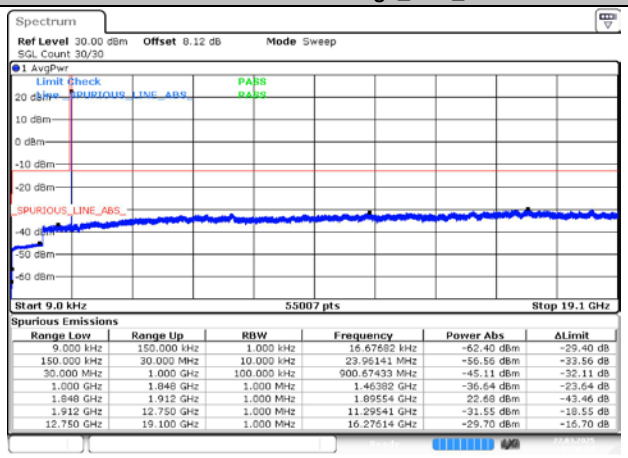


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.77473 kHz	-61.06 dBm	-28.06 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.86786 MHz	-56.14 dBm	-33.14 dB
30.000 MHz	1.000 GHz	100.000 kHz	921.99301 MHz	-45.01 dBm	-32.01 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.70102 GHz	-36.99 dBm	-23.99 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.87303 GHz	22.51 dBm	-38.36 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.22930 GHz	-31.26 dBm	-18.26 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.22471 GHz	-30.08 dBm	-17.08 dB

Date: 22.MAR.2025 01:56:17

HCH / DFT-Pi2BPSK / Edge_1RB_Left

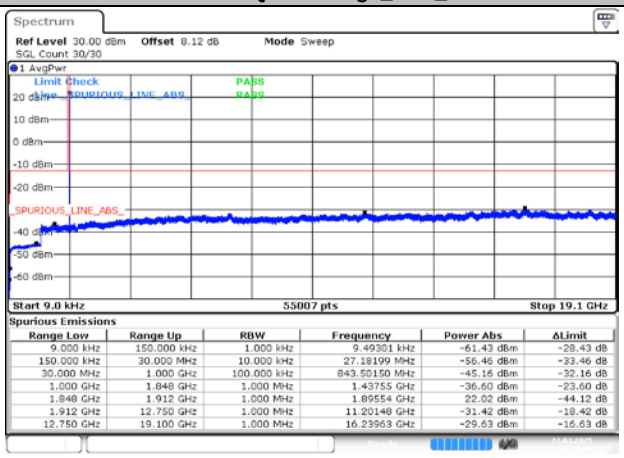


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	16.67682 kHz	-62.40 dBm	-29.40 dB
150.000 kHz	30.000 MHz	10.000 kHz	23.96141 MHz	-56.56 dBm	-33.56 dB
30.000 MHz	1.000 GHz	100.000 kHz	900.67433 MHz	-45.11 dBm	-32.11 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.46382 GHz	-36.64 dBm	-23.64 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.89554 GHz	22.68 dBm	-43.46 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.29541 GHz	-31.55 dBm	-18.55 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.27614 GHz	-29.70 dBm	-16.70 dB

Date: 22.MAR.2025 01:56:34

HCH / DFT-QPSK / Edge_1RB_Left



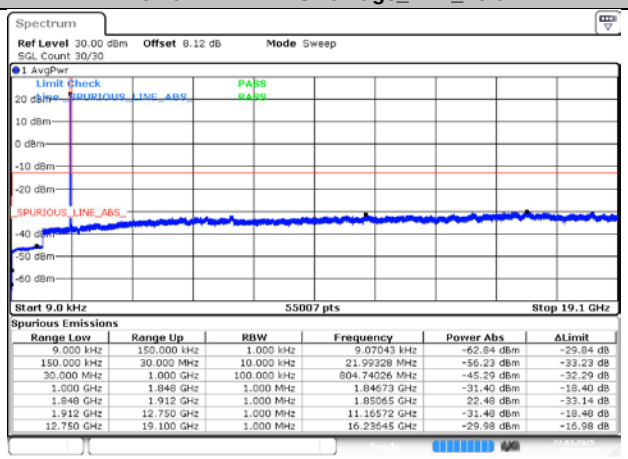
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.49301 kHz	-61.43 dBm	-28.43 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.18199 MHz	-56.46 dBm	-33.46 dB
30.000 MHz	1.000 GHz	100.000 kHz	843.50150 MHz	-45.16 dBm	-32.16 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.43755 GHz	-36.60 dBm	-23.60 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.89554 GHz	22.02 dBm	-44.12 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.20148 GHz	-31.42 dBm	-18.42 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.23963 GHz	-29.63 dBm	-16.63 dB

Date: 22.MAR.2025 01:56:49

DC_4A_n2A / 15KHz / 20MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

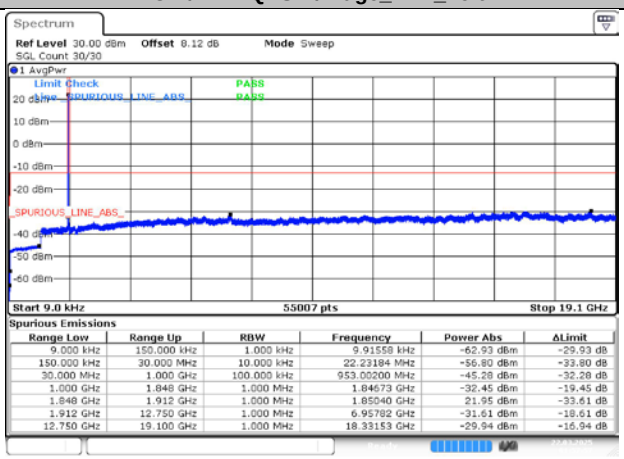


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-62.84 dBm	-29.84 dB
150.000 kHz	30.000 MHz	10.000 kHz	21.99328 MHz	-56.23 dBm	-33.23 dB
30.000 MHz	1.000 GHz	100.000 kHz	804.74026 MHz	-45.29 dBm	-32.29 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.84673 GHz	-31.40 dBm	-18.40 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.85065 GHz	22.48 dBm	-33.14 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.16572 GHz	-31.48 dBm	-18.48 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.23645 GHz	-29.98 dBm	-16.98 dB

Date: 22.MAR.2025 01:57:41

LCH / DFT-QPSK / Edge_1RB_Left

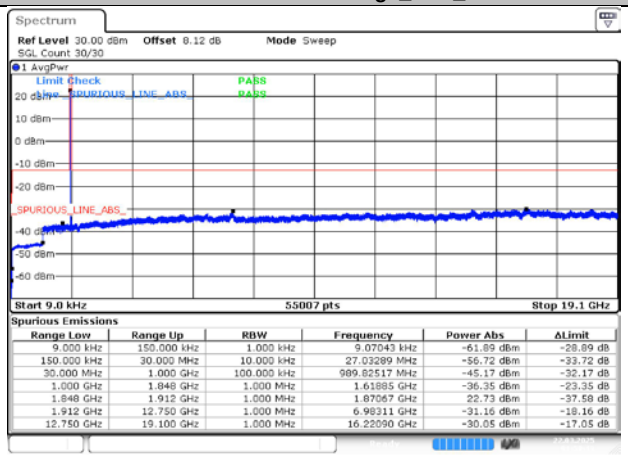


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.91558 kHz	-62.93 dBm	-29.93 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.23184 MHz	-56.80 dBm	-33.80 dB
30.000 MHz	1.000 GHz	100.000 kHz	953.00200 MHz	-45.28 dBm	-32.28 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.84673 GHz	-32.45 dBm	-19.45 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.85040 GHz	21.95 dBm	-33.61 dB
1.912 GHz	12.750 GHz	1.000 MHz	6.95792 GHz	-31.61 dBm	-18.61 dB
12.750 GHz	19.100 GHz	1.000 MHz	18.33153 GHz	-29.94 dBm	-16.94 dB

Date: 22.MAR.2025 01:57:56

MCH / DFT-Pi2BPSK / Edge_1RB_Left

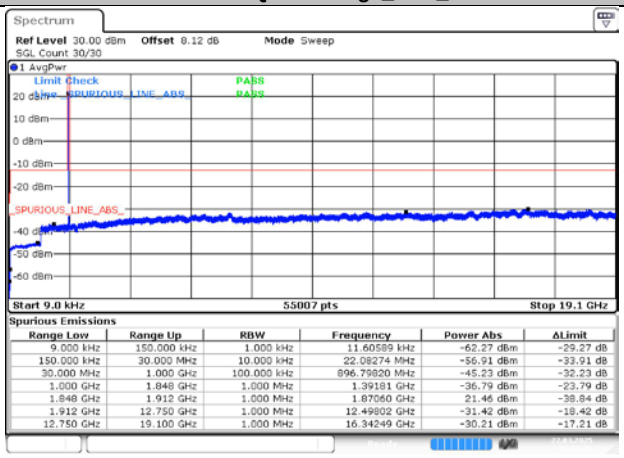


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-61.89 dBm	-28.89 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.03289 MHz	-56.72 dBm	-33.72 dB
30.000 MHz	1.000 GHz	100.000 kHz	989.82517 MHz	-45.17 dBm	-32.17 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.61885 GHz	-36.35 dBm	-23.35 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.87067 GHz	22.73 dBm	-37.58 dB
1.912 GHz	12.750 GHz	1.000 MHz	6.98311 GHz	-31.16 dBm	-18.16 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.22090 GHz	-30.05 dBm	-17.05 dB

Date: 22.MAR.2025 01:58:12

MCH / DFT-QPSK / Edge_1RB_Left

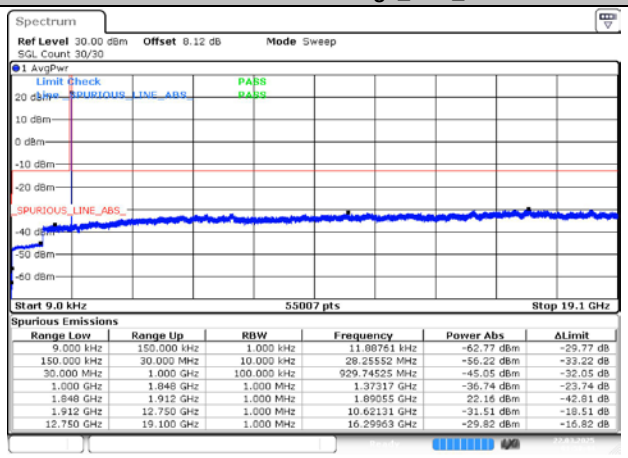


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.60589 kHz	-62.27 dBm	-29.27 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.08274 MHz	-56.91 dBm	-33.91 dB
30.000 MHz	1.000 GHz	100.000 kHz	896.79820 MHz	-45.23 dBm	-32.23 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.39181 GHz	-36.79 dBm	-23.79 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.87060 GHz	21.46 dBm	-38.84 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.49802 GHz	-31.42 dBm	-18.42 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.34249 GHz	-30.21 dBm	-17.21 dB

Date: 22.MAR.2025 01:58:27

HCH / DFT-Pi2BPSK / Edge_1RB_Left

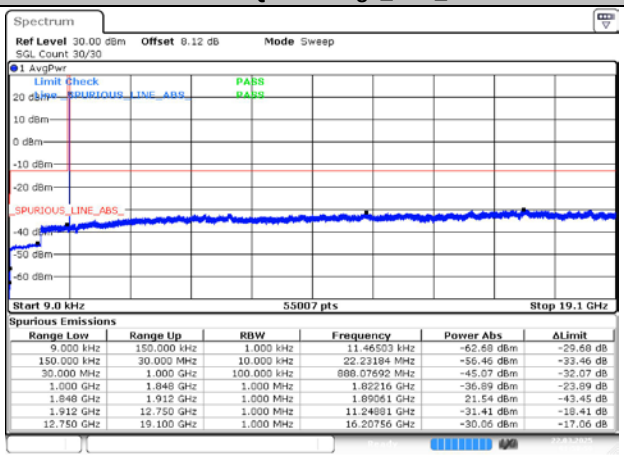


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.88761 kHz	-62.77 dBm	-29.77 dB
150.000 kHz	30.000 MHz	10.000 kHz	28.25552 MHz	-56.22 dBm	-33.22 dB
30.000 MHz	1.000 GHz	100.000 kHz	929.74525 MHz	-45.05 dBm	-32.05 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.37317 GHz	-36.74 dBm	-23.74 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.89055 GHz	22.16 dBm	-42.81 dB
1.912 GHz	12.750 GHz	1.000 MHz	10.62131 GHz	-31.51 dBm	-18.51 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.29963 GHz	-29.82 dBm	-16.82 dB

Date: 22.MAR.2025 01:58:44

HCH / DFT-QPSK / Edge_1RB_Left



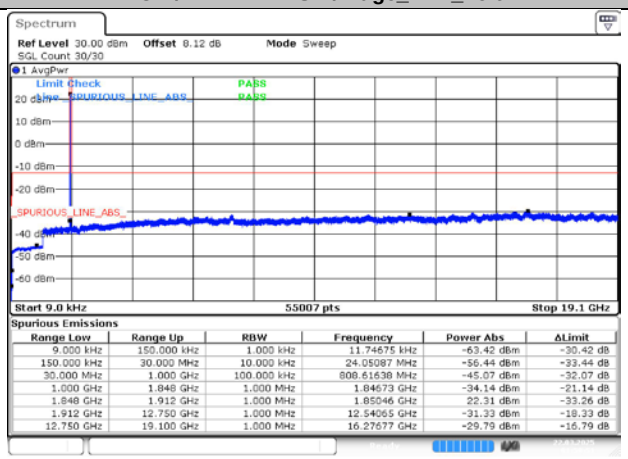
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.46503 kHz	-62.68 dBm	-29.68 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.23184 MHz	-56.46 dBm	-33.46 dB
30.000 MHz	1.000 GHz	100.000 kHz	888.07692 MHz	-45.07 dBm	-32.07 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.82216 GHz	-36.89 dBm	-23.89 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.89061 GHz	21.54 dBm	-43.45 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.24881 GHz	-31.41 dBm	-18.41 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.20756 GHz	-30.06 dBm	-17.06 dB

Date: 22.MAR.2025 01:58:59

DC_4A_n2A / 15KHz / 25MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

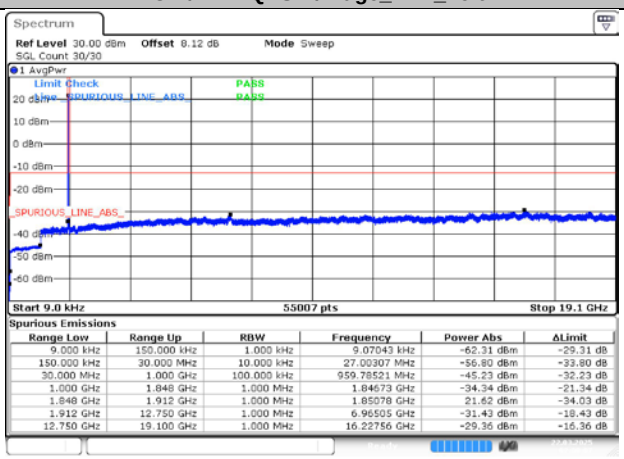


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.74675 kHz	-63.42 dBm	-30.42 dB
150.000 kHz	30.000 MHz	10.000 kHz	24.05087 MHz	-56.44 dBm	-33.44 dB
30.000 MHz	1.000 GHz	100.000 kHz	808.61638 MHz	-45.07 dBm	-32.07 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.84673 GHz	-34.14 dBm	-21.14 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.85046 GHz	22.31 dBm	-33.26 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.54065 GHz	-31.33 dBm	-18.33 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.27677 GHz	-29.79 dBm	-16.79 dB

Date: 22.MAR.2025 01:59:51

LCH / DFT-QPSK / Edge_1RB_Left

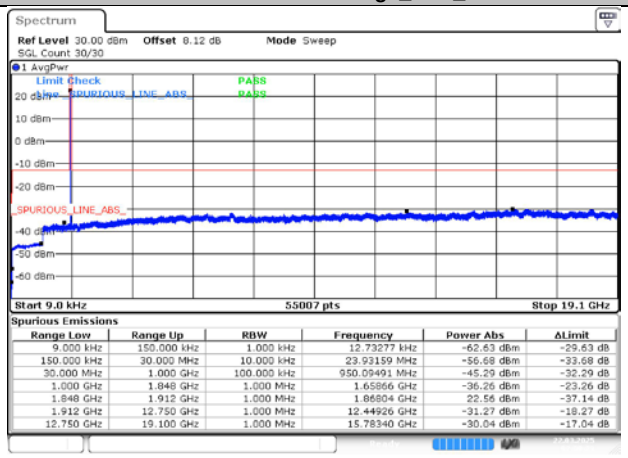


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-62.31 dBm	-29.31 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.00307 MHz	-56.80 dBm	-33.80 dB
30.000 MHz	1.000 GHz	100.000 kHz	959.78521 MHz	-45.23 dBm	-32.23 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.84673 GHz	-34.34 dBm	-21.34 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.85078 GHz	21.62 dBm	-34.03 dB
1.912 GHz	12.750 GHz	1.000 MHz	6.96505 GHz	-31.43 dBm	-18.43 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.22756 GHz	-29.36 dBm	-16.36 dB

Date: 22.MAR.2025 02:00:06

MCH / DFT-Pi2BPSK / Edge_1RB_Left

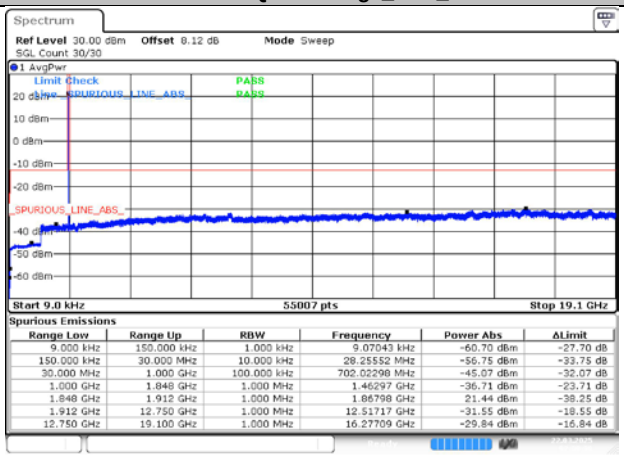


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	12.73277 kHz	-62.63 dBm	-29.63 dB
150.000 kHz	30.000 MHz	10.000 kHz	23.93159 MHz	-56.68 dBm	-33.68 dB
30.000 MHz	1.000 GHz	100.000 kHz	950.09491 MHz	-45.29 dBm	-32.29 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.65866 GHz	-36.26 dBm	-23.26 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.86804 GHz	22.56 dBm	-37.14 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.44926 GHz	-31.27 dBm	-18.27 dB
12.750 GHz	19.100 GHz	1.000 MHz	15.78340 GHz	-30.04 dBm	-17.04 dB

Date: 22.MAR.2025 02:00:22

MCH / DFT-QPSK / Edge_1RB_Left

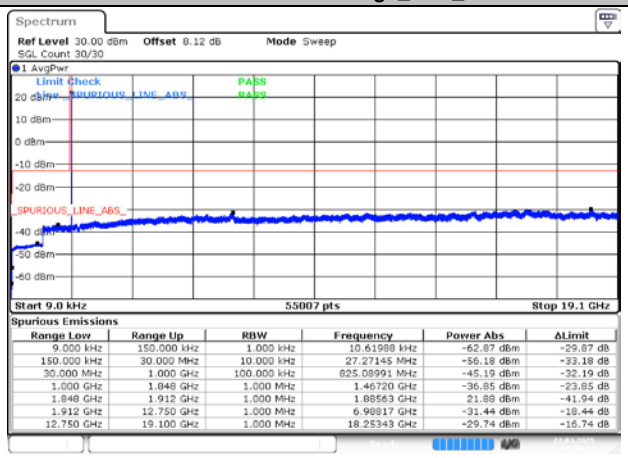


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-60.70 dBm	-27.70 dB
150.000 kHz	30.000 MHz	10.000 kHz	28.25552 MHz	-56.75 dBm	-33.75 dB
30.000 MHz	1.000 GHz	100.000 kHz	702.02298 MHz	-45.07 dBm	-32.07 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.46297 GHz	-36.71 dBm	-23.71 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.86798 GHz	21.44 dBm	-38.25 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.51717 GHz	-31.55 dBm	-18.55 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.27709 GHz	-29.84 dBm	-16.84 dB

Date: 22.MAR.2025 02:00:38

HCH / DFT-Pi2BPSK / Edge_1RB_Left

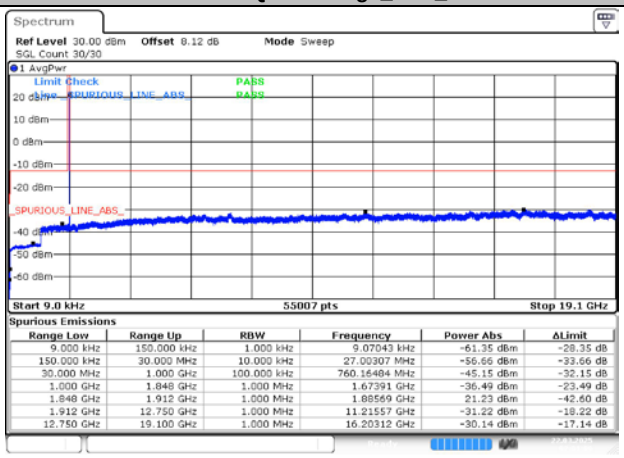


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.61988 kHz	-62.87 dBm	-29.87 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.27145 MHz	-56.18 dBm	-33.18 dB
30.000 MHz	1.000 GHz	100.000 kHz	825.08991 MHz	-45.19 dBm	-32.19 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.46720 GHz	-36.85 dBm	-23.85 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.88563 GHz	21.88 dBm	-41.94 dB
1.912 GHz	12.750 GHz	1.000 MHz	6.98817 GHz	-31.44 dBm	-18.44 dB
12.750 GHz	19.100 GHz	1.000 MHz	18.25343 GHz	-29.74 dBm	-16.74 dB

Date: 22.MAR.2025 02:00:54

HCH / DFT-QPSK / Edge_1RB_Left



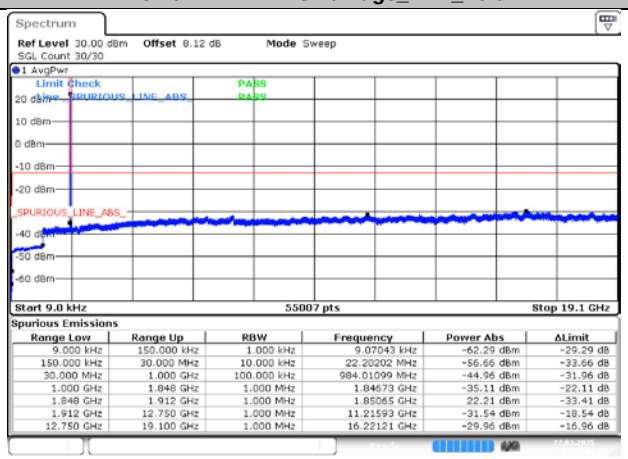
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-61.35 dBm	-28.35 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.00307 MHz	-56.66 dBm	-33.66 dB
30.000 MHz	1.000 GHz	100.000 kHz	760.16484 MHz	-45.15 dBm	-32.15 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.67391 GHz	-36.49 dBm	-23.49 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.88569 GHz	21.23 dBm	-42.60 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.21557 GHz	-31.22 dBm	-18.22 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.20312 GHz	-30.14 dBm	-17.14 dB

Date: 22.MAR.2025 02:01:09

DC_4A_n2A / 15KHz / 30MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

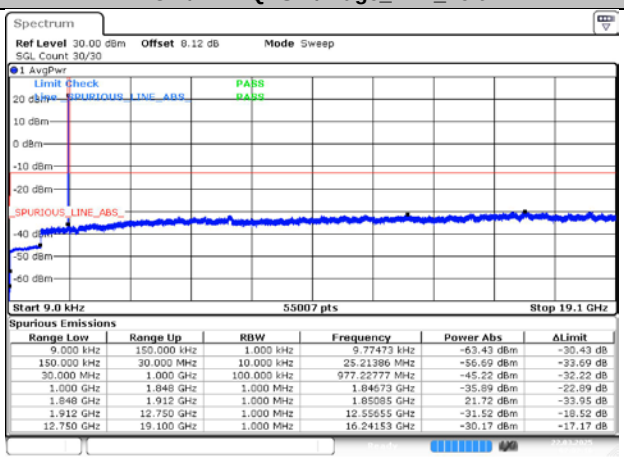


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-62.29 dBm	-29.29 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.20202 MHz	-56.66 dBm	-33.66 dB
30.000 MHz	1.000 GHz	100.000 kHz	984.01099 MHz	-44.96 dBm	-31.96 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.84673 GHz	-35.11 dBm	-22.11 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.85065 GHz	22.21 dBm	-33.41 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.21593 GHz	-31.54 dBm	-18.54 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.22121 GHz	-29.96 dBm	-16.96 dB

Date: 22.MAR.2025 02:02:01

LCH / DFT-QPSK / Edge_1RB_Left

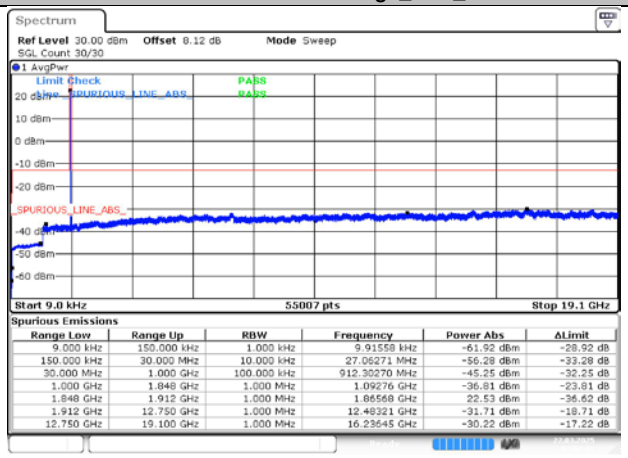


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.77473 kHz	-63.43 dBm	-30.43 dB
150.000 kHz	30.000 MHz	10.000 kHz	25.21386 MHz	-56.69 dBm	-33.69 dB
30.000 MHz	1.000 GHz	100.000 kHz	977.22777 MHz	-45.22 dBm	-32.22 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.84673 GHz	-35.89 dBm	-22.89 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.85085 GHz	21.72 dBm	-33.95 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.55655 GHz	-31.52 dBm	-18.52 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.24153 GHz	-30.17 dBm	-17.17 dB

Date: 22.MAR.2025 02:02:17

MCH / DFT-Pi2BPSK / Edge_1RB_Left

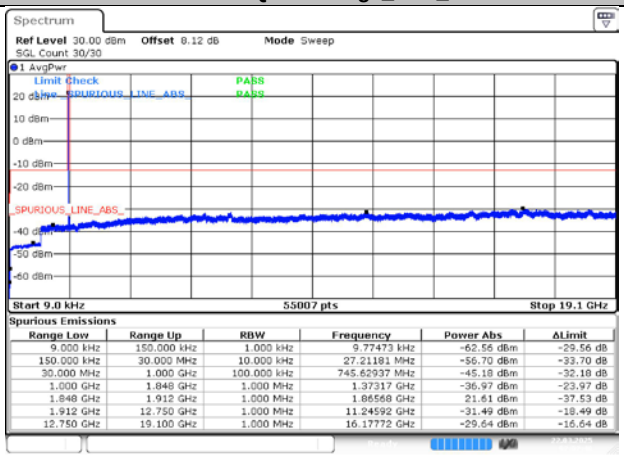


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.91558 kHz	-61.92 dBm	-28.92 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.06271 MHz	-56.28 dBm	-33.28 dB
30.000 MHz	1.000 GHz	100.000 kHz	912.30270 MHz	-45.25 dBm	-32.25 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.09276 GHz	-36.81 dBm	-23.81 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.86568 GHz	22.53 dBm	-36.62 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.48321 GHz	-31.71 dBm	-18.71 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.23645 GHz	-30.22 dBm	-17.22 dB

Date: 22.MAR.2025 02:02:33

MCH / DFT-QPSK / Edge_1RB_Left

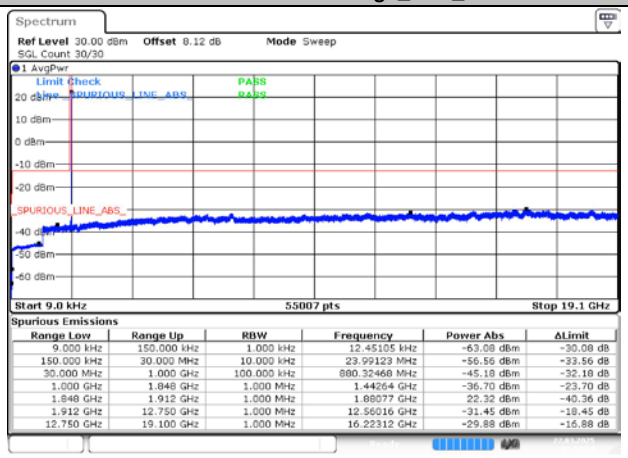


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.77473 kHz	-62.56 dBm	-29.56 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.21181 MHz	-56.70 dBm	-33.70 dB
30.000 MHz	1.000 GHz	100.000 kHz	745.62937 MHz	-45.18 dBm	-32.18 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.37317 GHz	-36.97 dBm	-23.97 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.86568 GHz	21.61 dBm	-37.53 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.24592 GHz	-31.49 dBm	-18.49 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.17772 GHz	-29.64 dBm	-16.64 dB

Date: 22.MAR.2025 02:02:48

HCH / DFT-Pi2BPSK / Edge_1RB_Left

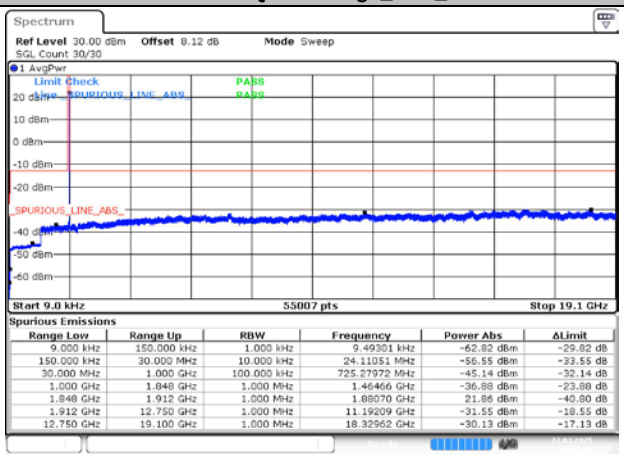


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	12.45105 kHz	-63.08 dBm	-30.08 dB
150.000 kHz	30.000 MHz	10.000 kHz	23.99123 MHz	-56.56 dBm	-33.56 dB
30.000 MHz	1.000 GHz	100.000 kHz	880.32468 MHz	-45.18 dBm	-32.18 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.44264 GHz	-36.70 dBm	-23.70 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.88077 GHz	22.32 dBm	-40.36 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.56016 GHz	-31.45 dBm	-18.45 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.22312 GHz	-29.88 dBm	-16.88 dB

Date: 22.MAR.2025 02:03:04

HCH / DFT-QPSK / Edge_1RB_Left



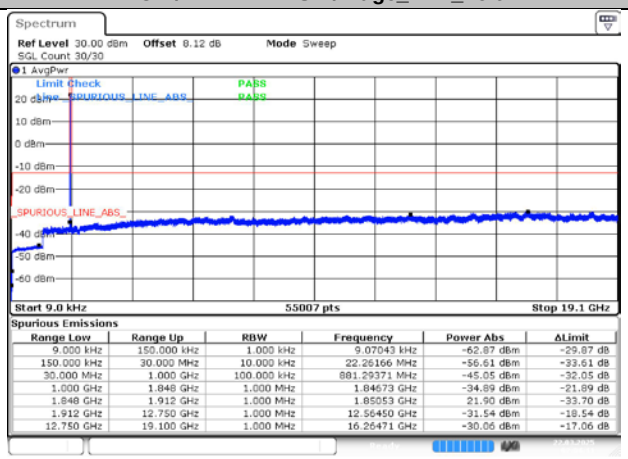
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.49301 kHz	-62.82 dBm	-29.82 dB
150.000 kHz	30.000 MHz	10.000 kHz	24.11051 MHz	-56.55 dBm	-33.55 dB
30.000 MHz	1.000 GHz	100.000 kHz	725.27972 MHz	-45.14 dBm	-32.14 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.46466 GHz	-36.88 dBm	-23.88 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.88070 GHz	21.86 dBm	-40.80 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.19209 GHz	-31.55 dBm	-18.55 dB
12.750 GHz	19.100 GHz	1.000 MHz	18.32962 GHz	-30.13 dBm	-17.13 dB

Date: 22.MAR.2025 02:03:19

DC_4A_n2A / 15KHz / 35MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

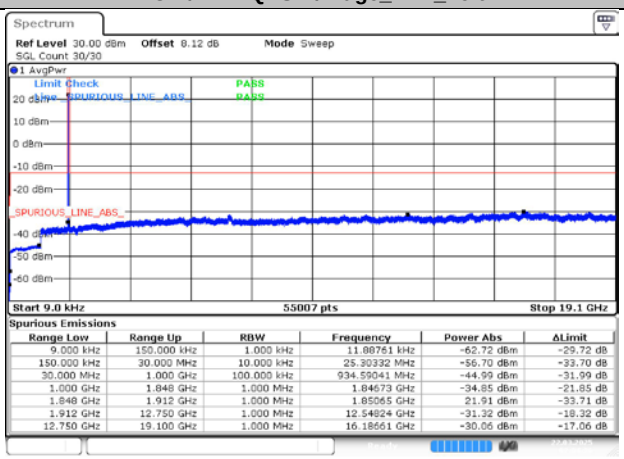


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-62.87 dBm	-29.87 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.26166 MHz	-56.61 dBm	-33.61 dB
30.000 MHz	1.000 GHz	100.000 kHz	881.29371 MHz	-45.05 dBm	-32.05 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.84673 GHz	-34.89 dBm	-21.89 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.85053 GHz	21.90 dBm	-33.70 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.56450 GHz	-31.54 dBm	-18.54 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.26471 GHz	-30.06 dBm	-17.06 dB

Date: 22.MAR.2025 02:04:11

LCH / DFT-QPSK / Edge_1RB_Left

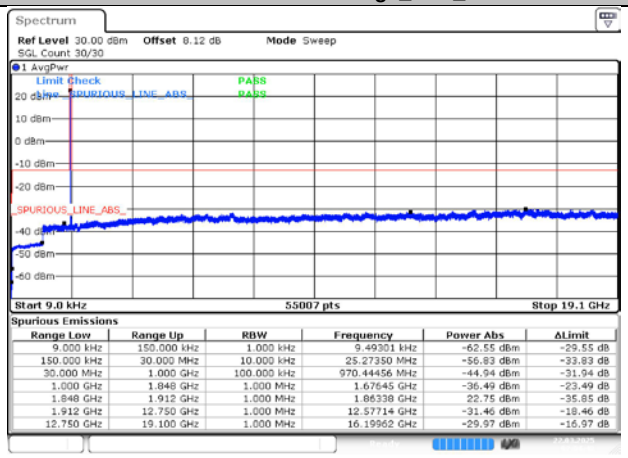


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.88761 kHz	-62.72 dBm	-29.72 dB
150.000 kHz	30.000 MHz	10.000 kHz	25.30332 MHz	-56.70 dBm	-33.70 dB
30.000 MHz	1.000 GHz	100.000 kHz	934.59041 MHz	-44.99 dBm	-31.99 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.84673 GHz	-34.85 dBm	-21.85 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.85065 GHz	21.91 dBm	-33.71 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.54824 GHz	-31.32 dBm	-18.32 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.18661 GHz	-30.06 dBm	-17.06 dB

Date: 22.MAR.2025 02:04:26

MCH / DFT-Pi2BPSK / Edge_1RB_Left

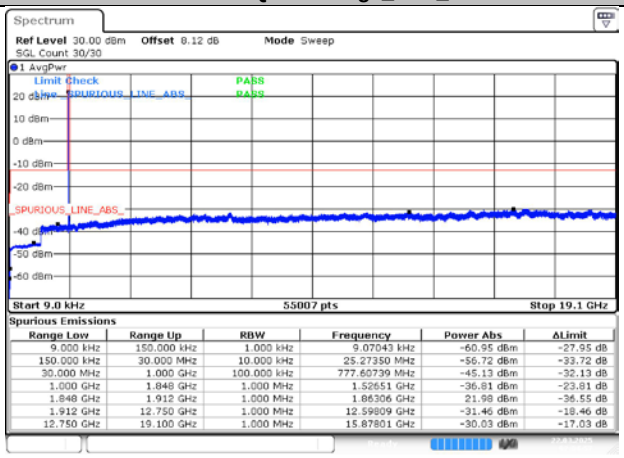


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.49301 kHz	-62.55 dBm	-29.55 dB
150.000 kHz	30.000 MHz	10.000 kHz	25.27350 MHz	-56.83 dBm	-33.83 dB
30.000 MHz	1.000 GHz	100.000 kHz	970.44456 MHz	-44.94 dBm	-31.94 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.67645 GHz	-36.49 dBm	-23.49 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.86338 GHz	22.75 dBm	-35.85 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.57714 GHz	-31.46 dBm	-18.46 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.19962 GHz	-29.97 dBm	-16.97 dB

Date: 22.MAR.2025 02:04:42

MCH / DFT-QPSK / Edge_1RB_Left

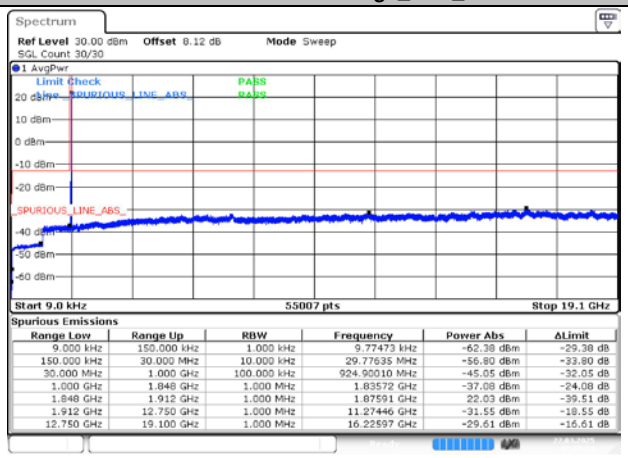


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-60.95 dBm	-27.95 dB
150.000 kHz	30.000 MHz	10.000 kHz	25.27350 MHz	-56.72 dBm	-33.72 dB
30.000 MHz	1.000 GHz	100.000 kHz	777.60739 MHz	-45.13 dBm	-32.13 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.52651 GHz	-36.81 dBm	-23.81 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.86306 GHz	21.98 dBm	-36.55 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.59809 GHz	-31.46 dBm	-18.46 dB
12.750 GHz	19.100 GHz	1.000 MHz	15.87801 GHz	-30.03 dBm	-17.03 dB

Date: 22.MAR.2025 02:04:58

HCH / DFT-Pi2BPSK / Edge_1RB_Left

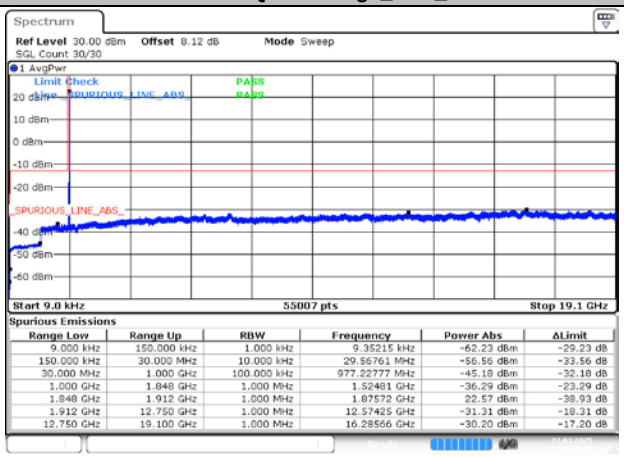


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.77473 kHz	-62.38 dBm	-29.38 dB
150.000 kHz	30.000 MHz	10.000 kHz	29.77635 MHz	-56.80 dBm	-33.80 dB
30.000 MHz	1.000 GHz	100.000 kHz	924.90010 MHz	-45.05 dBm	-32.05 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.83572 GHz	-37.08 dBm	-24.08 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.87591 GHz	22.03 dBm	-39.51 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.27446 GHz	-31.55 dBm	-18.55 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.22597 GHz	-29.61 dBm	-16.61 dB

Date: 22.MAR.2025 02:05:14

HCH / DFT-QPSK / Edge_1RB_Left



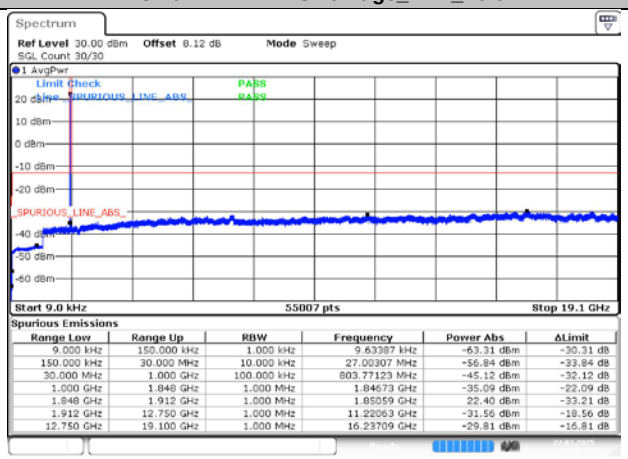
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.35215 kHz	-62.23 dBm	-29.23 dB
150.000 kHz	30.000 MHz	10.000 kHz	29.56761 MHz	-56.56 dBm	-33.56 dB
30.000 MHz	1.000 GHz	100.000 kHz	977.22777 MHz	-45.18 dBm	-32.18 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.52481 GHz	-36.29 dBm	-23.29 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.87572 GHz	22.57 dBm	-38.93 dB
1.912 GHz	12.750 GHz	1.000 MHz	12.57425 GHz	-31.31 dBm	-18.31 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.28566 GHz	-30.20 dBm	-17.20 dB

Date: 22.MAR.2025 02:05:29

DC_4A_n2A / 15KHz / 40MHz

LCH / DFT-Pi2BPSK / Edge_1RB_Left

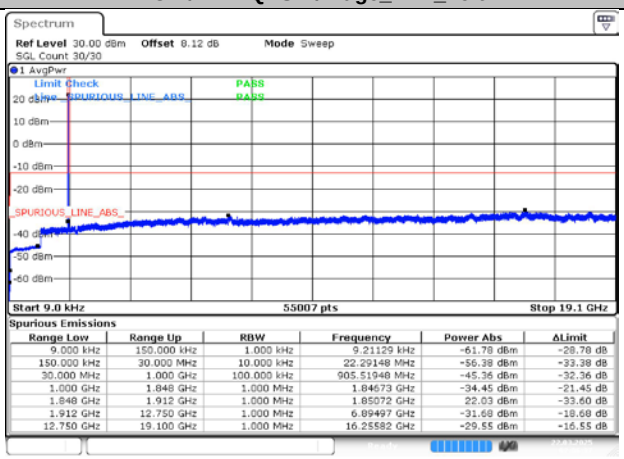


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.63387 kHz	-63.31 dBm	-30.31 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.00307 MHz	-56.84 dBm	-33.84 dB
30.000 MHz	1.000 GHz	100.000 kHz	803.77123 MHz	-45.12 dBm	-32.12 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.84673 GHz	-35.09 dBm	-22.09 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.85059 GHz	22.40 dBm	-33.21 dB
1.912 GHz	12.750 GHz	1.000 MHz	11.22063 GHz	-31.56 dBm	-18.56 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.23709 GHz	-29.81 dBm	-16.81 dB

Date: 22.MAR.2025 02:06:21

LCH / DFT-QPSK / Edge_1RB_Left

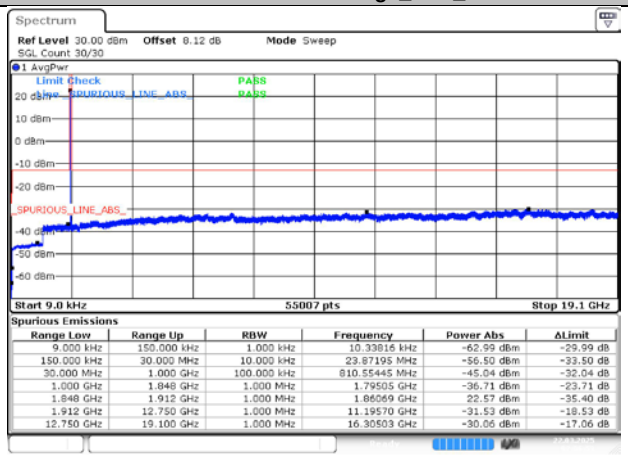


Spurious Emissions

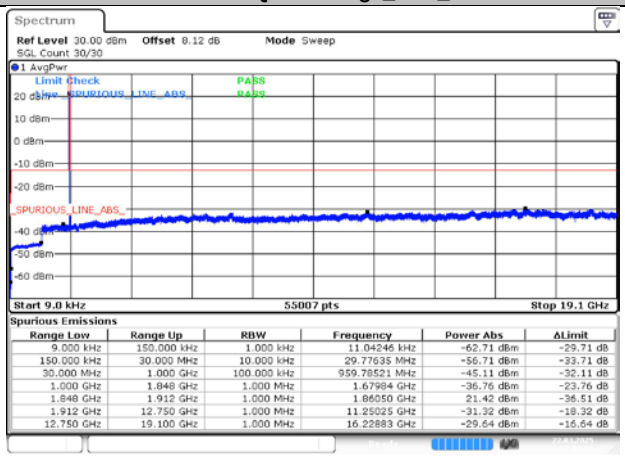
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.21129 kHz	-61.78 dBm	-28.78 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.29148 MHz	-56.38 dBm	-33.38 dB
30.000 MHz	1.000 GHz	100.000 kHz	905.51948 MHz	-45.36 dBm	-32.36 dB
1.000 GHz	1.848 GHz	1.000 MHz	1.84673 GHz	-34.45 dBm	-21.45 dB
1.848 GHz	1.912 GHz	1.000 MHz	1.85072 GHz	22.03 dBm	-33.60 dB
1.912 GHz	12.750 GHz	1.000 MHz	6.89497 GHz	-31.68 dBm	-18.68 dB
12.750 GHz	19.100 GHz	1.000 MHz	16.25582 GHz	-29.55 dBm	-16.55 dB

Date: 22.MAR.2025 02:06:36

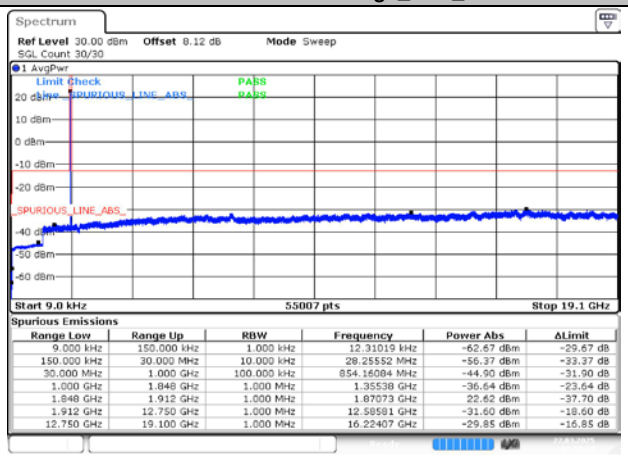
MCH / DFT-Pi2BPSK / Edge_1RB_Left



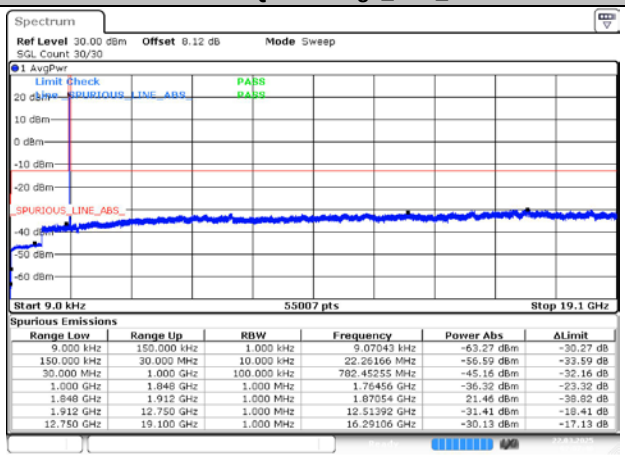
MCH / DFT-QPSK / Edge_1RB_Left



HCH / DFT-Pi2BPSK / Edge_1RB_Left



HCH / DFT-QPSK / Edge_1RB_Left



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	-5.20	-0.002766	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-4.60	-0.002447	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-4.80	-0.002553	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	-3.80	-0.002021	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-20℃	NV	-4.80	-0.002553	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-10℃	NV	-4.00	-0.002128	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	0℃	NV	-4.30	-0.002287	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	10℃	NV	-6.60	-0.003511	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	20℃	NV	-6.60	-0.003511	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	30℃	NV	-7.50	-0.003989	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	40℃	NV	-6.60	-0.003511	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	50℃	NV	-6.00	-0.003191	Pass

The End

Appendix
for
DC_5A_n66A
(1710-1780)

Catalogue

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant1 (Antenna Gain=-3.60dBi)

SCS	Bandwidth	Channel	Modulation	Conducted Result (dBm)			Max EIRP (dBm)	Limit (dBm)	Verdict
				Inner_1RB_Left	Inner_1RB_Right	Inner_Full			
15KHz	5MHz	LCH	DFT-Pi2BPSK	23.49	23.52	23.59	19.99	30.00	Pass
15KHz	5MHz	LCH	DFT-QPSK	23.45	23.43	23.62	20.02	30.00	Pass
15KHz	5MHz	LCH	DFT-16QAM	22.57	22.26	22.58	18.98	30.00	Pass
15KHz	5MHz	LCH	DFT-64QAM	20.81	20.71	21.11	17.51	30.00	Pass
15KHz	5MHz	LCH	DFT-256QAM	18.97	18.99	19.07	15.47	30.00	Pass
15KHz	5MHz	LCH	CP-QPSK	21.55	21.39	22.06	18.46	30.00	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	22.95	23.31	23.50	19.90	30.00	Pass
15KHz	5MHz	MCH	DFT-QPSK	23.03	23.25	23.50	19.90	30.00	Pass
15KHz	5MHz	MCH	DFT-16QAM	22.45	22.46	22.45	18.86	30.00	Pass
15KHz	5MHz	MCH	DFT-64QAM	21.00	21.05	21.00	17.45	30.00	Pass
15KHz	5MHz	MCH	DFT-256QAM	18.88	18.90	18.99	15.39	30.00	Pass
15KHz	5MHz	MCH	CP-QPSK	21.74	21.84	21.96	18.36	30.00	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	23.14	23.30	23.42	19.82	30.00	Pass
15KHz	5MHz	HCH	DFT-QPSK	23.30	23.26	23.42	19.82	30.00	Pass
15KHz	5MHz	HCH	DFT-16QAM	22.50	22.46	22.37	18.90	30.00	Pass
15KHz	5MHz	HCH	DFT-64QAM	20.98	20.94	20.90	17.38	30.00	Pass
15KHz	5MHz	HCH	DFT-256QAM	18.84	18.78	18.88	15.28	30.00	Pass
15KHz	5MHz	HCH	CP-QPSK	21.69	21.72	21.84	18.24	30.00	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	23.46	23.56	23.46	19.96	30.00	Pass
15KHz	10MHz	LCH	DFT-QPSK	23.44	23.53	23.54	19.94	30.00	Pass
15KHz	10MHz	LCH	DFT-16QAM	22.57	22.51	22.52	18.97	30.00	Pass
15KHz	10MHz	LCH	DFT-64QAM	20.72	20.68	21.04	17.44	30.00	Pass
15KHz	10MHz	LCH	DFT-256QAM	18.99	19.02	18.94	15.42	30.00	Pass
15KHz	10MHz	LCH	CP-QPSK	21.77	21.41	21.94	18.34	30.00	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	23.18	23.20	23.37	19.77	30.00	Pass
15KHz	10MHz	MCH	DFT-QPSK	23.05	23.08	23.41	19.81	30.00	Pass
15KHz	10MHz	MCH	DFT-16QAM	22.37	22.59	22.40	18.99	30.00	Pass
15KHz	10MHz	MCH	DFT-64QAM	20.95	21.03	20.95	17.43	30.00	Pass
15KHz	10MHz	MCH	DFT-256QAM	18.90	18.93	18.84	15.33	30.00	Pass
15KHz	10MHz	MCH	CP-QPSK	21.75	21.78	21.81	18.21	30.00	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	23.11	23.23	23.35	19.75	30.00	Pass
15KHz	10MHz	HCH	DFT-QPSK	23.08	23.28	23.36	19.76	30.00	Pass
15KHz	10MHz	HCH	DFT-16QAM	22.50	22.50	22.37	18.90	30.00	Pass
15KHz	10MHz	HCH	DFT-64QAM	20.99	20.99	20.91	17.39	30.00	Pass
15KHz	10MHz	HCH	DFT-256QAM	18.83	18.84	18.79	15.24	30.00	Pass
15KHz	10MHz	HCH	CP-QPSK	21.72	21.71	21.77	18.17	30.00	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	23.44	23.50	23.58	19.98	30.00	Pass
15KHz	15MHz	LCH	DFT-QPSK	23.41	23.49	23.57	19.97	30.00	Pass
15KHz	15MHz	LCH	DFT-16QAM	22.43	22.57	22.60	19.00	30.00	Pass
15KHz	15MHz	LCH	DFT-64QAM	20.72	20.64	21.09	17.49	30.00	Pass
15KHz	15MHz	LCH	DFT-256QAM	18.94	18.98	19.06	15.46	30.00	Pass
15KHz	15MHz	LCH	CP-QPSK	21.54	21.45	22.07	18.47	30.00	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	23.10	22.90	23.43	19.83	30.00	Pass
15KHz	15MHz	MCH	DFT-QPSK	23.24	23.24	23.45	19.85	30.00	Pass
15KHz	15MHz	MCH	DFT-16QAM	22.56	22.58	22.46	18.98	30.00	Pass
15KHz	15MHz	MCH	DFT-64QAM	21.03	21.04	20.98	17.44	30.00	Pass
15KHz	15MHz	MCH	DFT-256QAM	18.86	18.92	18.94	15.34	30.00	Pass
15KHz	15MHz	MCH	CP-QPSK	21.79	21.84	21.95	18.35	30.00	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	23.33	23.36	23.39	19.79	30.00	Pass
15KHz	15MHz	HCH	DFT-QPSK	23.30	23.32	23.43	19.83	30.00	Pass
15KHz	15MHz	HCH	DFT-16QAM	22.51	22.52	22.43	18.92	30.00	Pass
15KHz	15MHz	HCH	DFT-64QAM	21.02	21.00	20.93	17.42	30.00	Pass
15KHz	15MHz	HCH	DFT-256QAM	18.88	18.84	18.88	15.28	30.00	Pass
15KHz	15MHz	HCH	CP-QPSK	21.74	21.79	21.92	18.32	30.00	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	23.45	23.42	23.59	19.99	30.00	Pass
15KHz	20MHz	LCH	DFT-QPSK	23.44	23.26	23.57	19.97	30.00	Pass
15KHz	20MHz	LCH	DFT-16QAM	22.19	22.14	22.55	18.95	30.00	Pass
15KHz	20MHz	LCH	DFT-64QAM	20.61	20.55	21.03	17.43	30.00	Pass
15KHz	20MHz	LCH	DFT-256QAM	18.95	18.88	19.03	15.43	30.00	Pass

15KHz	20MHz	LCH	CP-QPSK	21.62	21.68	22.04	18.44	30.00	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	23.18	23.00	23.46	19.86	30.00	Pass
15KHz	20MHz	MCH	DFT-QPSK	23.06	23.16	23.48	19.88	30.00	Pass
15KHz	20MHz	MCH	DFT-16QAM	22.53	22.58	22.49	18.98	30.00	Pass
15KHz	20MHz	MCH	DFT-64QAM	21.03	21.06	20.99	17.46	30.00	Pass
15KHz	20MHz	MCH	DFT-256QAM	18.90	18.95	18.96	15.36	30.00	Pass
15KHz	20MHz	MCH	CP-QPSK	21.77	21.81	21.96	18.36	30.00	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	23.31	23.37	23.43	19.83	30.00	Pass
15KHz	20MHz	HCH	DFT-QPSK	23.26	23.31	23.44	19.84	30.00	Pass
15KHz	20MHz	HCH	DFT-16QAM	22.46	22.54	22.43	18.94	30.00	Pass
15KHz	20MHz	HCH	DFT-64QAM	20.98	21.00	20.92	17.40	30.00	Pass
15KHz	20MHz	HCH	DFT-256QAM	18.85	18.86	18.93	15.33	30.00	Pass
15KHz	20MHz	HCH	CP-QPSK	21.70	21.74	21.96	18.36	30.00	Pass
15KHz	25MHz	LCH	DFT-Pi2BPSK	23.34	23.46	23.51	19.91	30.00	Pass
15KHz	25MHz	LCH	DFT-QPSK	22.96	23.32	23.51	19.91	30.00	Pass
15KHz	25MHz	LCH	DFT-16QAM	22.48	22.31	22.48	18.88	30.00	Pass
15KHz	25MHz	LCH	DFT-64QAM	20.53	20.62	21.02	17.42	30.00	Pass
15KHz	25MHz	LCH	DFT-256QAM	18.90	19.00	19.00	15.40	30.00	Pass
15KHz	25MHz	LCH	CP-QPSK	21.48	21.64	21.98	18.38	30.00	Pass
15KHz	25MHz	MCH	DFT-Pi2BPSK	22.91	23.11	23.43	19.83	30.00	Pass
15KHz	25MHz	MCH	DFT-QPSK	23.18	23.10	23.46	19.86	30.00	Pass
15KHz	25MHz	MCH	DFT-16QAM	22.59	22.59	22.41	18.99	30.00	Pass
15KHz	25MHz	MCH	DFT-64QAM	21.07	21.07	20.98	17.47	30.00	Pass
15KHz	25MHz	MCH	DFT-256QAM	18.93	18.92	18.93	15.33	30.00	Pass
15KHz	25MHz	MCH	CP-QPSK	21.80	21.87	21.89	18.29	30.00	Pass
15KHz	25MHz	HCH	DFT-Pi2BPSK	23.23	23.37	23.39	19.79	30.00	Pass
15KHz	25MHz	HCH	DFT-QPSK	23.17	23.34	23.38	19.78	30.00	Pass
15KHz	25MHz	HCH	DFT-16QAM	22.42	22.54	22.33	18.94	30.00	Pass
15KHz	25MHz	HCH	DFT-64QAM	20.89	21.05	20.90	17.45	30.00	Pass
15KHz	25MHz	HCH	DFT-256QAM	18.76	18.87	18.85	15.27	30.00	Pass
15KHz	25MHz	HCH	CP-QPSK	21.64	21.83	21.84	18.24	30.00	Pass
15KHz	30MHz	LCH	DFT-Pi2BPSK	23.34	23.47	23.51	19.91	30.00	Pass
15KHz	30MHz	LCH	DFT-QPSK	23.15	22.94	23.56	19.96	30.00	Pass
15KHz	30MHz	LCH	DFT-16QAM	22.36	22.22	22.57	18.97	30.00	Pass
15KHz	30MHz	LCH	DFT-64QAM	20.65	20.91	21.05	17.45	30.00	Pass
15KHz	30MHz	LCH	DFT-256QAM	18.88	18.94	19.00	15.40	30.00	Pass
15KHz	30MHz	LCH	CP-QPSK	21.75	21.90	22.02	18.42	30.00	Pass
15KHz	30MHz	MCH	DFT-Pi2BPSK	23.19	23.47	23.43	19.87	30.00	Pass
15KHz	30MHz	MCH	DFT-QPSK	23.35	23.41	23.44	19.84	30.00	Pass
15KHz	30MHz	MCH	DFT-16QAM	22.56	22.63	22.48	19.03	30.00	Pass
15KHz	30MHz	MCH	DFT-64QAM	21.04	21.14	20.97	17.54	30.00	Pass
15KHz	30MHz	MCH	DFT-256QAM	18.89	18.99	18.93	15.39	30.00	Pass
15KHz	30MHz	MCH	CP-QPSK	21.78	21.90	21.94	18.34	30.00	Pass
15KHz	30MHz	HCH	DFT-Pi2BPSK	23.16	23.39	23.43	19.83	30.00	Pass
15KHz	30MHz	HCH	DFT-QPSK	23.14	23.34	23.45	19.85	30.00	Pass
15KHz	30MHz	HCH	DFT-16QAM	22.36	22.55	22.43	18.95	30.00	Pass
15KHz	30MHz	HCH	DFT-64QAM	20.83	21.02	20.93	17.42	30.00	Pass
15KHz	30MHz	HCH	DFT-256QAM	18.69	18.87	18.91	15.31	30.00	Pass
15KHz	30MHz	HCH	CP-QPSK	21.54	21.81	21.91	18.31	30.00	Pass
15KHz	35MHz	LCH	DFT-Pi2BPSK	23.32	23.36	23.49	19.89	30.00	Pass
15KHz	35MHz	LCH	DFT-QPSK	23.06	23.02	23.51	19.91	30.00	Pass
15KHz	35MHz	LCH	DFT-16QAM	22.11	22.35	22.53	18.93	30.00	Pass
15KHz	35MHz	LCH	DFT-64QAM	20.79	20.80	21.02	17.42	30.00	Pass
15KHz	35MHz	LCH	DFT-256QAM	18.80	18.88	19.00	15.40	30.00	Pass
15KHz	35MHz	LCH	CP-QPSK	21.68	21.60	22.02	18.42	30.00	Pass
15KHz	35MHz	MCH	DFT-Pi2BPSK	23.05	23.41	23.41	19.81	30.00	Pass
15KHz	35MHz	MCH	DFT-QPSK	23.23	23.35	23.45	19.85	30.00	Pass
15KHz	35MHz	MCH	DFT-16QAM	22.43	22.60	22.48	19.00	30.00	Pass
15KHz	35MHz	MCH	DFT-64QAM	20.92	21.05	20.97	17.45	30.00	Pass
15KHz	35MHz	MCH	DFT-256QAM	18.75	18.94	18.95	15.35	30.00	Pass
15KHz	35MHz	MCH	CP-QPSK	21.68	21.86	21.95	18.35	30.00	Pass
15KHz	35MHz	HCH	DFT-Pi2BPSK	23.15	23.35	23.39	19.79	30.00	Pass
15KHz	35MHz	HCH	DFT-QPSK	23.12	23.33	23.41	19.81	30.00	Pass
15KHz	35MHz	HCH	DFT-16QAM	22.32	22.51	22.43	18.91	30.00	Pass

15KHz	35MHz	HCH	DFT-64QAM	20.83	20.99	20.89	17.39	30.00	Pass
15KHz	35MHz	HCH	DFT-256QAM	18.67	18.85	18.89	15.29	30.00	Pass
15KHz	35MHz	HCH	CP-QPSK	21.55	21.79	21.90	18.30	30.00	Pass
15KHz	40MHz	LCH	DFT-Pi2BPSK	23.33	23.29	23.46	19.86	30.00	Pass
15KHz	40MHz	LCH	DFT-QPSK	23.08	22.96	23.49	19.89	30.00	Pass
15KHz	40MHz	LCH	DFT-16QAM	21.98	22.06	22.51	18.91	30.00	Pass
15KHz	40MHz	LCH	DFT-64QAM	20.79	20.96	21.01	17.41	30.00	Pass
15KHz	40MHz	LCH	DFT-256QAM	18.79	18.80	18.98	15.38	30.00	Pass
15KHz	40MHz	LCH	CP-QPSK	21.68	21.76	21.97	18.37	30.00	Pass
15KHz	40MHz	MCH	DFT-Pi2BPSK	23.27	23.39	23.42	19.82	30.00	Pass
15KHz	40MHz	MCH	DFT-QPSK	23.23	23.36	23.45	19.85	30.00	Pass
15KHz	40MHz	MCH	DFT-16QAM	22.42	22.58	22.48	18.98	30.00	Pass
15KHz	40MHz	MCH	DFT-64QAM	20.93	21.06	20.97	17.46	30.00	Pass
15KHz	40MHz	MCH	DFT-256QAM	18.75	18.90	18.95	15.35	30.00	Pass
15KHz	40MHz	MCH	CP-QPSK	21.65	21.88	21.92	18.32	30.00	Pass
15KHz	40MHz	HCH	DFT-Pi2BPSK	23.22	23.37	23.40	19.80	30.00	Pass
15KHz	40MHz	HCH	DFT-QPSK	23.19	23.34	23.42	19.82	30.00	Pass
15KHz	40MHz	HCH	DFT-16QAM	22.38	22.54	22.44	18.94	30.00	Pass
15KHz	40MHz	HCH	DFT-64QAM	20.88	21.02	20.90	17.42	30.00	Pass
15KHz	40MHz	HCH	DFT-256QAM	18.75	18.86	18.92	15.32	30.00	Pass
15KHz	40MHz	HCH	CP-QPSK	21.60	21.85	21.88	18.28	30.00	Pass
15KHz	45MHz	LCH	DFT-Pi2BPSK	23.28	23.11	23.47	19.87	30.00	Pass
15KHz	45MHz	LCH	DFT-QPSK	22.71	22.91	23.48	19.88	30.00	Pass
15KHz	45MHz	LCH	DFT-16QAM	22.42	22.50	22.54	18.94	30.00	Pass
15KHz	45MHz	LCH	DFT-64QAM	20.93	20.96	20.98	17.38	30.00	Pass
15KHz	45MHz	LCH	DFT-256QAM	18.75	18.83	18.99	15.39	30.00	Pass
15KHz	45MHz	LCH	CP-QPSK	21.65	21.82	21.99	18.39	30.00	Pass
15KHz	45MHz	MCH	DFT-Pi2BPSK	23.25	23.33	23.43	19.83	30.00	Pass
15KHz	45MHz	MCH	DFT-QPSK	23.20	23.29	23.45	19.85	30.00	Pass
15KHz	45MHz	MCH	DFT-16QAM	22.42	22.50	22.51	18.91	30.00	Pass
15KHz	45MHz	MCH	DFT-64QAM	20.89	20.98	20.96	17.38	30.00	Pass
15KHz	45MHz	MCH	DFT-256QAM	18.72	18.87	18.98	15.38	30.00	Pass
15KHz	45MHz	MCH	CP-QPSK	21.61	21.83	21.95	18.35	30.00	Pass
15KHz	45MHz	HCH	DFT-Pi2BPSK	23.25	23.35	23.42	19.82	30.00	Pass
15KHz	45MHz	HCH	DFT-QPSK	23.17	23.32	23.43	19.83	30.00	Pass
15KHz	45MHz	HCH	DFT-16QAM	22.41	22.54	22.49	18.94	30.00	Pass
15KHz	45MHz	HCH	DFT-64QAM	20.87	21.00	20.95	17.40	30.00	Pass
15KHz	45MHz	HCH	DFT-256QAM	18.74	18.84	18.95	15.35	30.00	Pass
15KHz	45MHz	HCH	CP-QPSK	21.64	21.84	21.94	18.34	30.00	Pass

2. Peak-to-Average Ratio

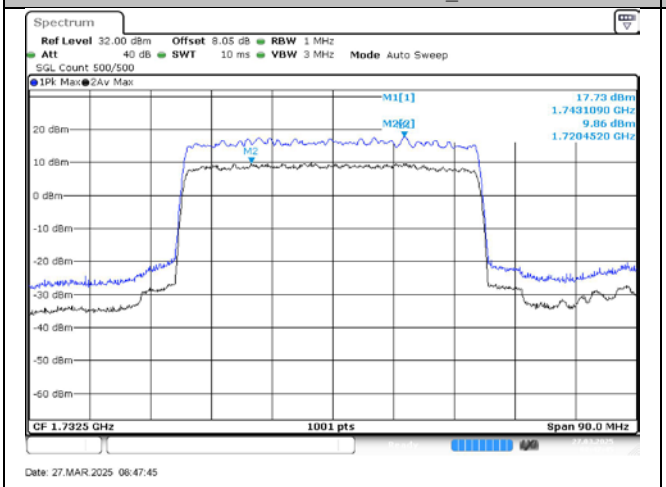
2.1. Test Results

SCS	Bandwidth	Channel	RB	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	45MHz	LCH	Outer_Full	7.88	7.84	13.00	Pass
15KHz	45MHz	MCH	Outer_Full	7.91	7.96	13.00	Pass
15KHz	45MHz	HCH	Outer_Full	8.53	8.05	13.00	Pass

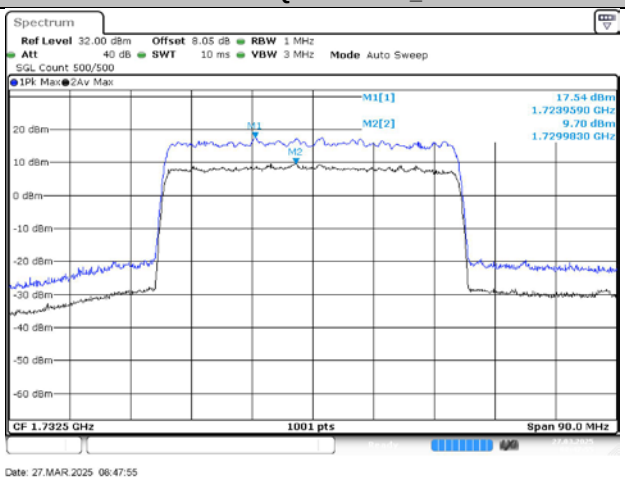
2.2. Test Plots for SCS=15KHz

DC_5A_n66A / 15KHz / 45MHz

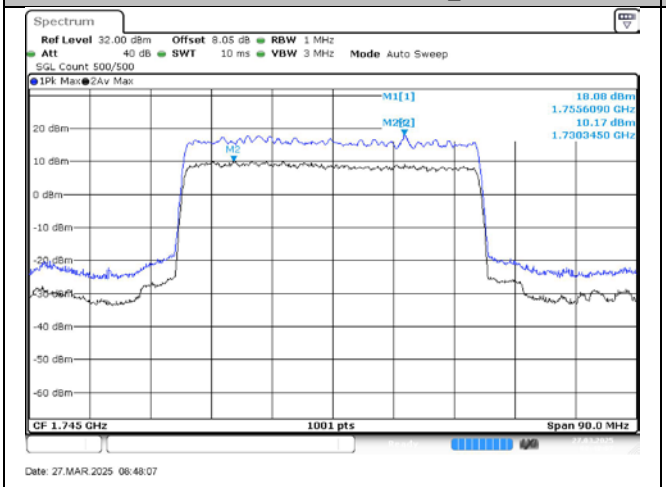
LCH / DFT-Pi2BPSK / Outer_Full



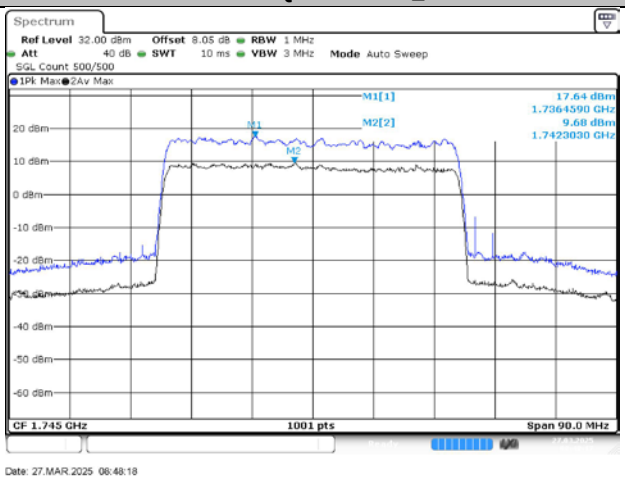
LCH / DFT-QPSK / Outer_Full



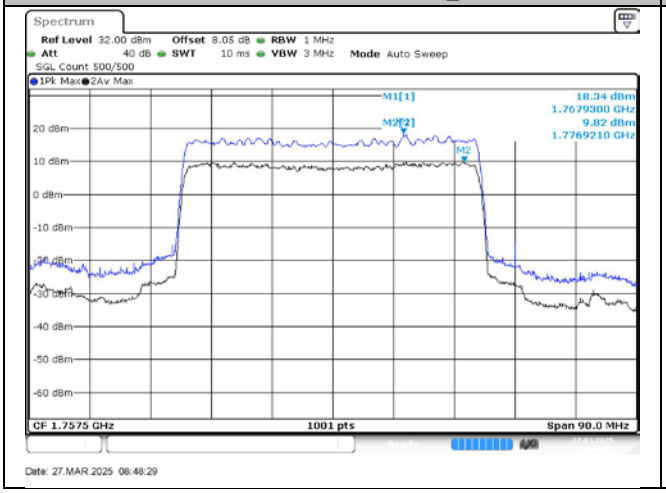
MCH / DFT-Pi2BPSK / Outer_Full



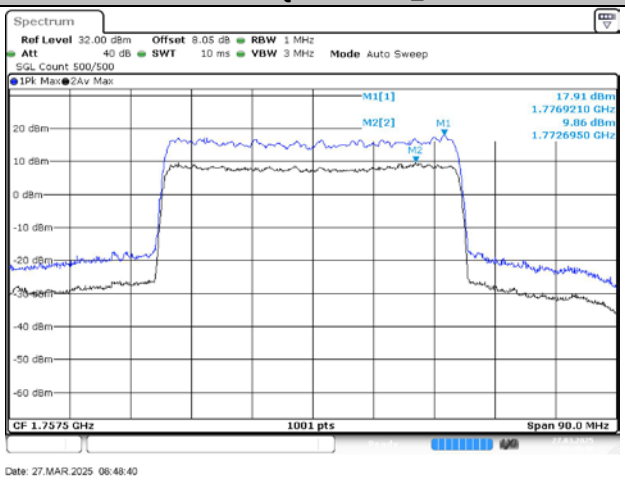
MCH / DFT-QPSK / Outer_Full



HCH / DFT-Pi2BPSK / Outer_Full



HCH / DFT-QPSK / Outer_Full

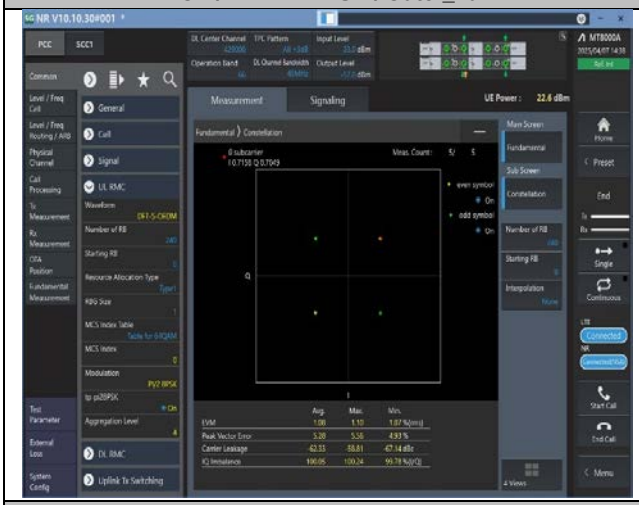


3. Modulation Characteristics

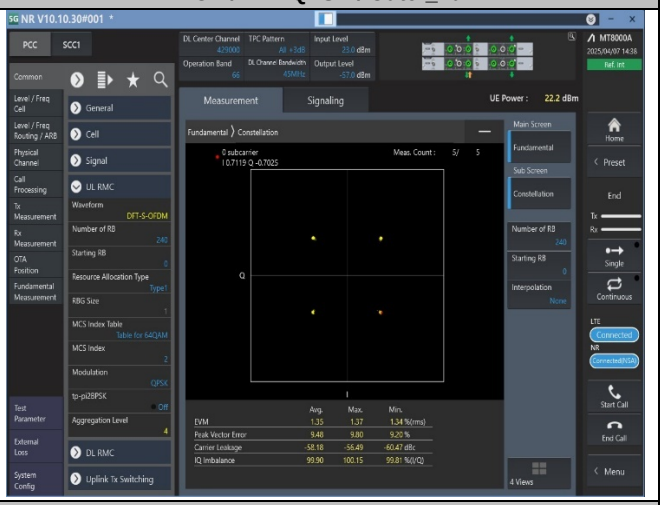
3.1. Test Plots for SCS=15KHz

DC_5A_n66A / 15KHz / 45MHz

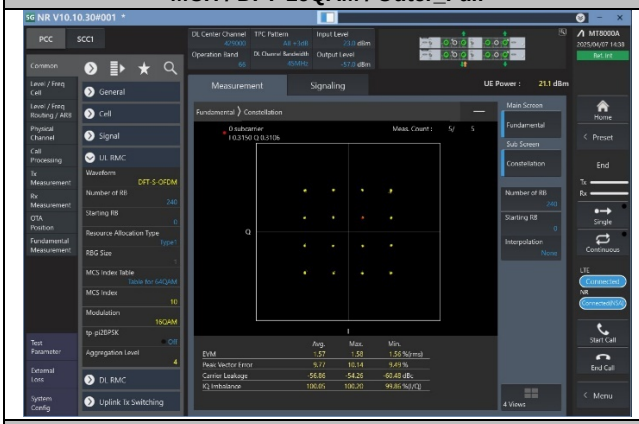
MCH / DFT-Pi2BPSK / Outer_Full



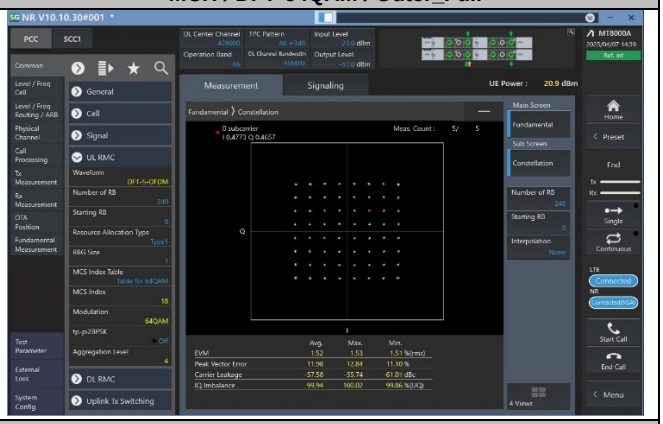
MCH / DFT-QPSK / Outer_Full



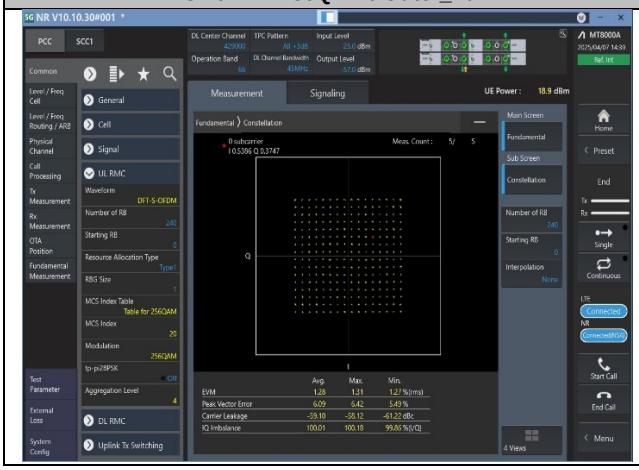
MCH / DFT-16QAM / Outer_Full



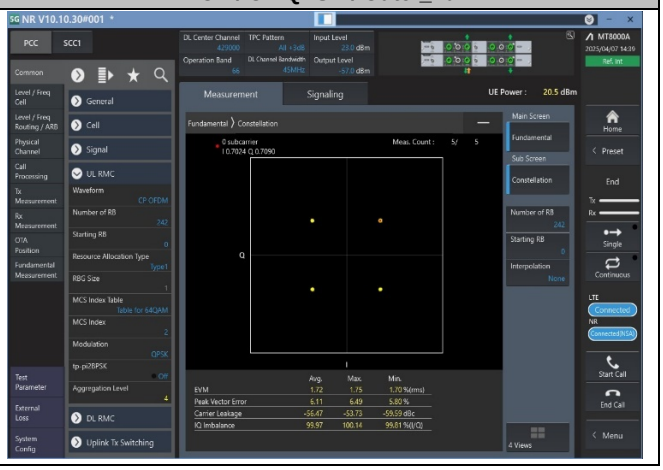
MCH / DFT-64QAM / Outer_Full

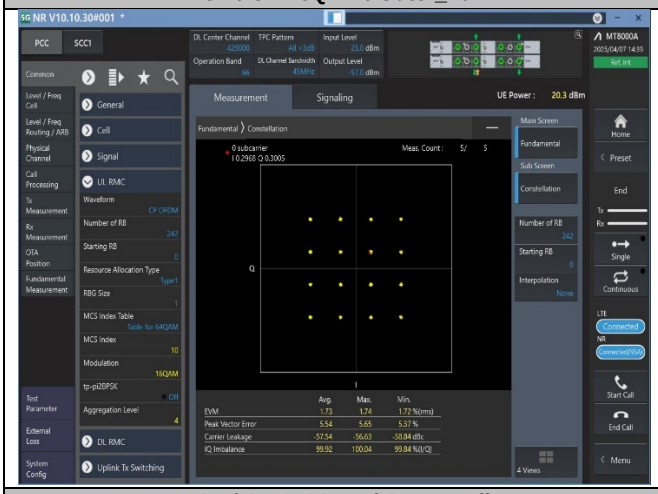
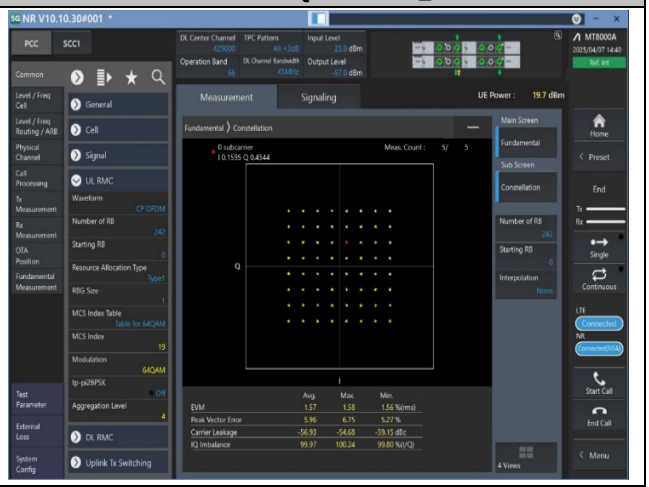
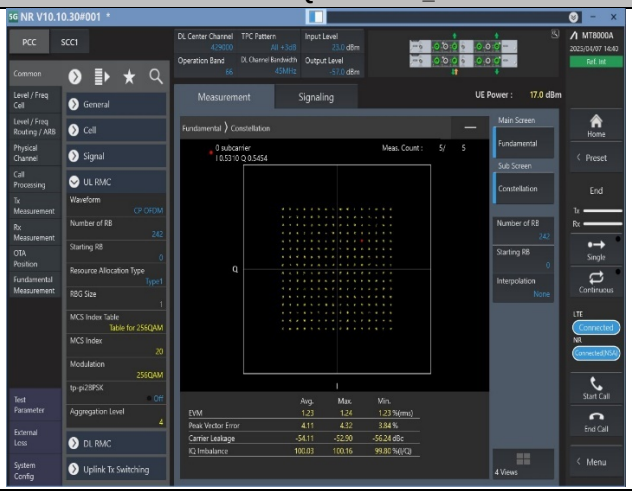


MCH / DFT-256QAM / Outer_Full



MCH / CP-QPSK / Outer_Full



MCH / CP-16QAM / Outer_Full	MCH / CP-64QAM / Outer_Full
	
MCH / CP-256QAM / Outer_Full	*Intentionally Blank*
	

4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

4.1. Test Results

SCS	Bandwidth	Modulation	RB	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
15KHz	5MHz	DFT-Pi2BPSK	Outer_Full	4.48	4.84	Pass
15KHz	5MHz	DFT-QPSK	Outer_Full	4.49	4.84	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.48	4.85	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.48	4.82	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.48	4.87	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.48	4.84	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.95	9.42	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.91	9.38	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.27	9.76	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.29	9.80	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.29	9.78	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.27	9.76	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.43	14.19	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.40	14.16	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.09	14.88	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.12	14.91	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.12	14.85	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.12	14.85	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.82	18.64	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.86	18.68	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.90	19.80	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.86	19.80	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.90	19.76	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.90	19.76	Pass
15KHz	25MHz	DFT-Pi2BPSK	Outer_Full	22.88	23.80	Pass
15KHz	25MHz	DFT-QPSK	Outer_Full	22.83	23.90	Pass
15KHz	25MHz	CP-QPSK	Outer_Full	23.73	24.75	Pass
15KHz	25MHz	CP-16QAM	Outer_Full	23.73	24.80	Pass
15KHz	25MHz	CP-64QAM	Outer_Full	23.78	24.80	Pass
15KHz	25MHz	CP-256QAM	Outer_Full	23.73	24.80	Pass
15KHz	30MHz	DFT-Pi2BPSK	Outer_Full	28.53	29.76	Pass
15KHz	30MHz	DFT-QPSK	Outer_Full	28.53	29.82	Pass
15KHz	30MHz	CP-QPSK	Outer_Full	28.59	29.88	Pass
15KHz	30MHz	CP-16QAM	Outer_Full	28.47	29.76	Pass
15KHz	30MHz	CP-64QAM	Outer_Full	28.53	29.82	Pass
15KHz	30MHz	CP-256QAM	Outer_Full	28.53	29.76	Pass
15KHz	35MHz	DFT-Pi2BPSK	Outer_Full	32.10	33.74	Pass
15KHz	35MHz	DFT-QPSK	Outer_Full	32.10	33.74	Pass
15KHz	35MHz	CP-QPSK	Outer_Full	33.50	35.14	Pass
15KHz	35MHz	CP-16QAM	Outer_Full	33.57	35.14	Pass
15KHz	35MHz	CP-64QAM	Outer_Full	33.64	35.21	Pass
15KHz	35MHz	CP-256QAM	Outer_Full	33.43	35.21	Pass
15KHz	40MHz	DFT-Pi2BPSK	Outer_Full	38.52	40.32	Pass
15KHz	40MHz	DFT-QPSK	Outer_Full	38.60	40.24	Pass
15KHz	40MHz	CP-QPSK	Outer_Full	38.52	40.24	Pass
15KHz	40MHz	CP-16QAM	Outer_Full	38.52	40.16	Pass
15KHz	40MHz	CP-64QAM	Outer_Full	38.52	40.24	Pass
15KHz	40MHz	CP-256QAM	Outer_Full	38.52	40.24	Pass
15KHz	45MHz	DFT-Pi2BPSK	Outer_Full	42.89	44.55	Pass
15KHz	45MHz	DFT-QPSK	Outer_Full	42.80	44.64	Pass
15KHz	45MHz	CP-QPSK	Outer_Full	43.16	44.91	Pass
15KHz	45MHz	CP-16QAM	Outer_Full	43.16	44.91	Pass
15KHz	45MHz	CP-64QAM	Outer_Full	43.16	44.91	Pass
15KHz	45MHz	CP-256QAM	Outer_Full	43.16	44.91	Pass