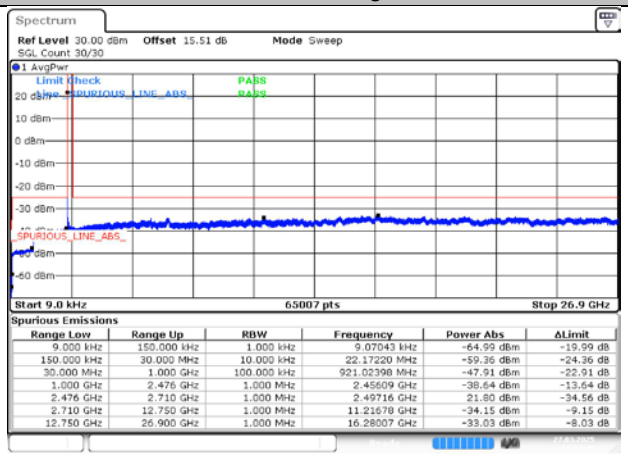
n41A / 30KHz / 60MHz

LCH / DFT-Pi2BPSK_Edge_1RB_Left

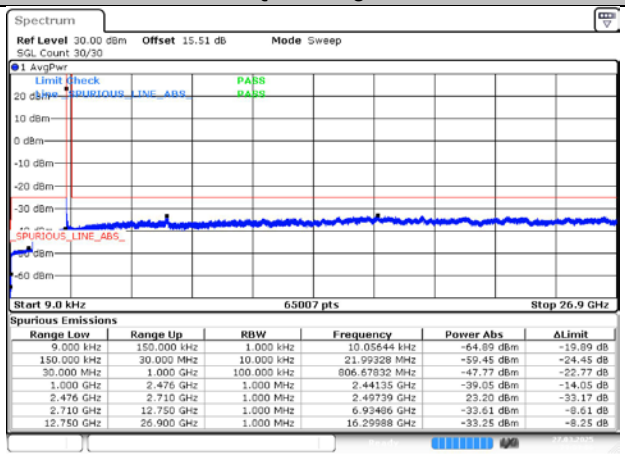


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-64.99 dBm	-19.99 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.17220 MHz	-59.36 dBm	-24.36 dB
30.000 MHz	1.000 GHz	100.000 kHz	921.02398 MHz	-47.91 dBm	-22.91 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.45609 GHz	-38.64 dBm	-13.64 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.49716 GHz	21.80 dBm	-34.56 dB
2.710 GHz	12.750 GHz	1.000 MHz	11.21678 GHz	-34.15 dBm	-9.15 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.28007 GHz	-33.03 dBm	-8.03 dB

Date: 27.MAR.2025 23:02:40

LCH / DFT-QPSK_Edge_1RB_Left

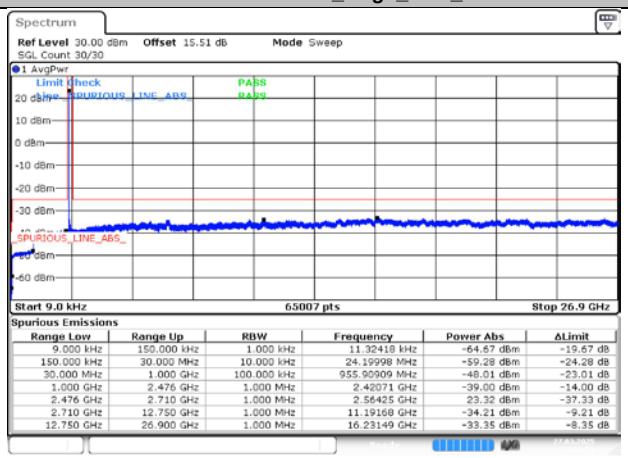


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.05644 kHz	-64.89 dBm	-19.89 dB
150.000 kHz	30.000 MHz	10.000 kHz	21.99328 MHz	-59.45 dBm	-24.45 dB
30.000 MHz	1.000 GHz	100.000 kHz	806.67832 MHz	-47.77 dBm	-22.77 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.44135 GHz	-39.05 dBm	-14.05 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.49739 GHz	23.20 dBm	-33.17 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.93486 GHz	-33.61 dBm	-8.61 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.29988 GHz	-33.25 dBm	-8.25 dB

Date: 27.MAR.2025 23:03:06

MCH / DFT-Pi2BPSK_Edge_1RB_Left

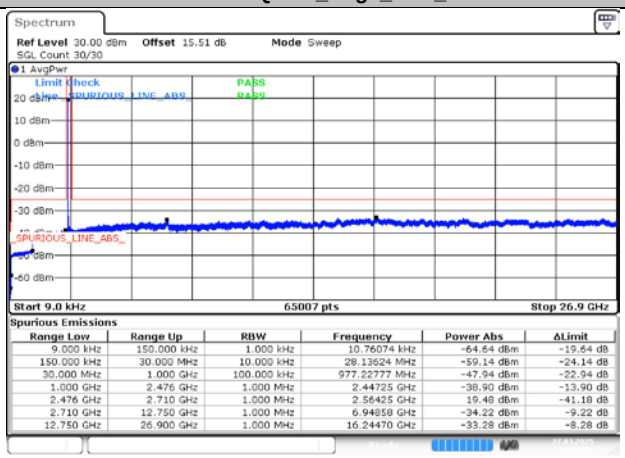


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.32418 kHz	-64.67 dBm	-19.67 dB
150.000 kHz	30.000 MHz	10.000 kHz	24.19998 MHz	-59.28 dBm	-24.28 dB
30.000 MHz	1.000 GHz	100.000 kHz	955.90909 MHz	-48.01 dBm	-23.01 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.42071 GHz	-39.00 dBm	-14.00 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.56425 GHz	23.32 dBm	-37.33 dB
2.710 GHz	12.750 GHz	1.000 MHz	11.19168 GHz	-34.21 dBm	-9.21 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.23149 GHz	-33.35 dBm	-8.35 dB

Date: 27.MAR.2025 23:03:33

MCH / DFT-QPSK_Edge_1RB_Left

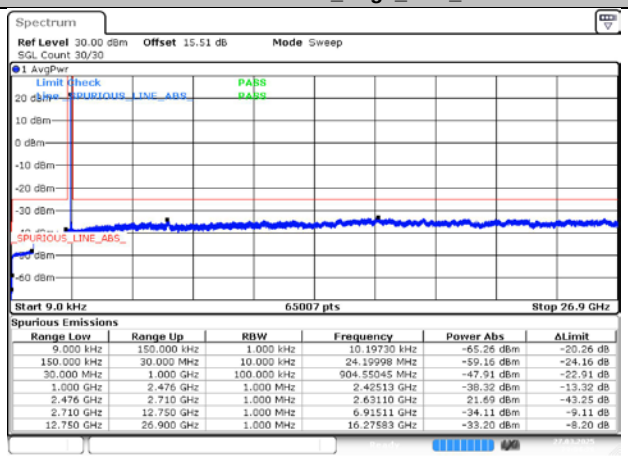


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.76074 kHz	-64.64 dBm	-19.64 dB
150.000 kHz	30.000 MHz	10.000 kHz	28.13624 MHz	-59.14 dBm	-24.14 dB
30.000 MHz	1.000 GHz	100.000 kHz	977.22777 MHz	-47.94 dBm	-22.94 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.44725 GHz	-38.90 dBm	-13.90 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.56425 GHz	19.48 dBm	-41.18 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.94858 GHz	-34.22 dBm	-9.22 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.24470 GHz	-33.28 dBm	-8.28 dB

Date: 27.MAR.2025 23:04:00

HCH / DFT-Pi2BPSK_Edge_1RB_Left

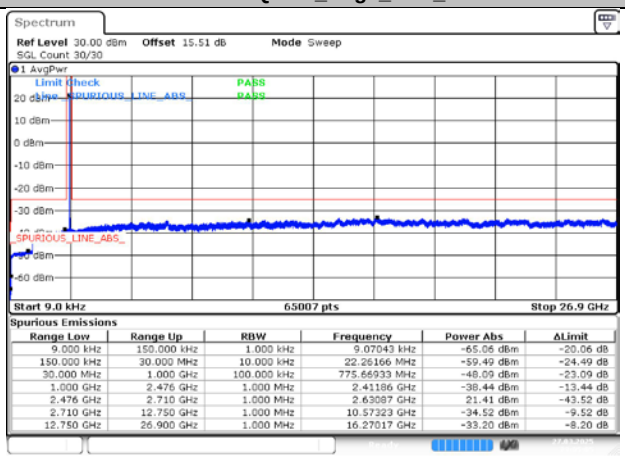


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.19730 kHz	-65.26 dBm	-20.26 dB
150.000 kHz	30.000 MHz	10.000 kHz	24.19998 MHz	-59.16 dBm	-24.16 dB
30.000 MHz	1.000 GHz	100.000 kHz	904.55045 MHz	-47.91 dBm	-22.91 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.42513 GHz	-38.32 dBm	-13.32 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.63110 GHz	21.69 dBm	-43.25 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.91511 GHz	-34.11 dBm	-9.11 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.27583 GHz	-33.20 dBm	-8.20 dB

Date: 27.MAR.2025 23:04:28

HCH / DFT-QPSK_Edge_1RB_Left



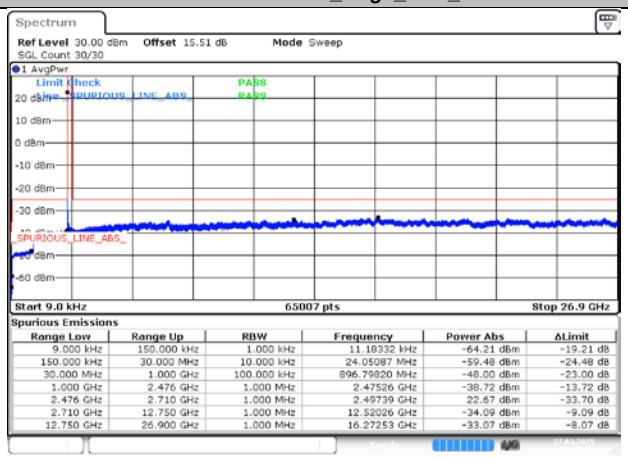
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-65.06 dBm	-20.06 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.26166 MHz	-59.49 dBm	-24.49 dB
30.000 MHz	1.000 GHz	100.000 kHz	775.66933 MHz	-48.09 dBm	-23.09 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.41186 GHz	-38.44 dBm	-13.44 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.63087 GHz	21.41 dBm	-43.52 dB
2.710 GHz	12.750 GHz	1.000 MHz	10.57323 GHz	-34.52 dBm	-9.52 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.27017 GHz	-33.20 dBm	-8.20 dB

Date: 27.MAR.2025 23:05:04

n41A / 30KHz / 70MHz

LCH / DFT-Pi2BPSK_Edge_1RB_Left

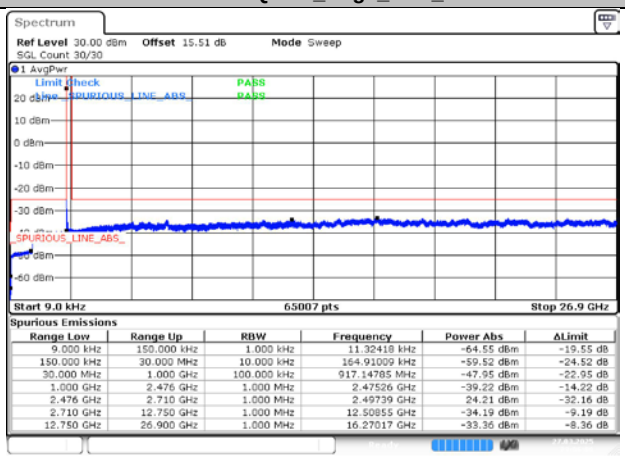


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.18332 kHz	-64.21 dBm	-19.21 dB
150.000 kHz	30.000 MHz	10.000 kHz	24.05087 MHz	-59.48 dBm	-24.48 dB
30.000 MHz	1.000 GHz	100.000 kHz	896.79820 MHz	-48.00 dBm	-23.00 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.47526 GHz	-38.72 dBm	-13.72 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.49739 GHz	22.67 dBm	-33.70 dB
2.710 GHz	12.750 GHz	1.000 MHz	12.52026 GHz	-34.09 dBm	-9.09 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.27253 GHz	-33.07 dBm	-8.07 dB

Date: 27.MAR.2025 23:05:42

LCH / DFT-QPSK_Edge_1RB_Left

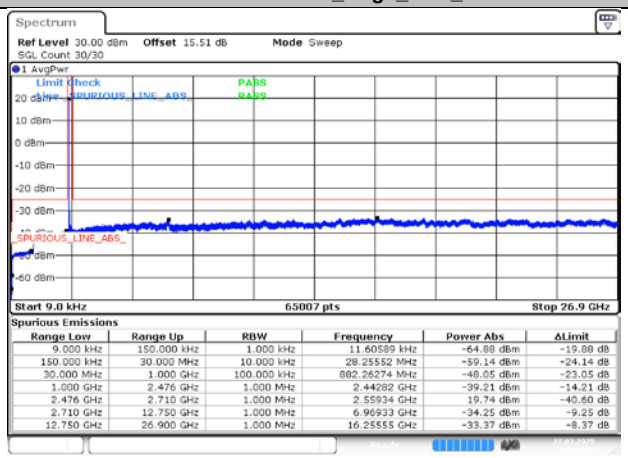


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.32418 kHz	-64.55 dBm	-19.55 dB
150.000 kHz	30.000 MHz	10.000 kHz	164.91009 kHz	-59.52 dBm	-24.52 dB
30.000 MHz	1.000 GHz	100.000 kHz	917.14785 MHz	-47.95 dBm	-22.95 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.47526 GHz	-39.22 dBm	-14.22 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.49739 GHz	24.21 dBm	-32.16 dB
2.710 GHz	12.750 GHz	1.000 MHz	12.50855 GHz	-34.19 dBm	-9.19 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.27017 GHz	-33.36 dBm	-8.36 dB

Date: 27.MAR.2025 23:06:08

MCH / DFT-Pi2BPSK_Edge_1RB_Left

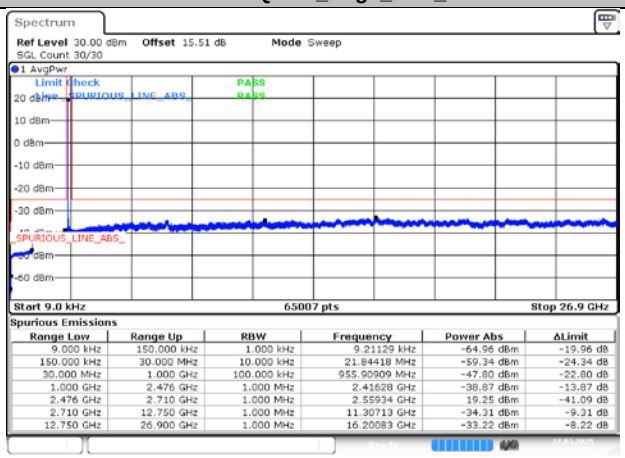


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	11.60589 kHz	-64.88 dBm	-19.88 dB
150.000 kHz	30.000 MHz	10.000 kHz	28.25552 MHz	-59.14 dBm	-24.14 dB
30.000 MHz	1.000 GHz	100.000 kHz	882.26274 MHz	-48.05 dBm	-23.05 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.44282 GHz	-39.21 dBm	-14.21 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.55934 GHz	19.74 dBm	-40.60 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.96933 GHz	-34.25 dBm	-9.25 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.25555 GHz	-33.37 dBm	-8.37 dB

Date: 27.MAR.2025 23:06:36

MCH / DFT-QPSK_Edge_1RB_Left

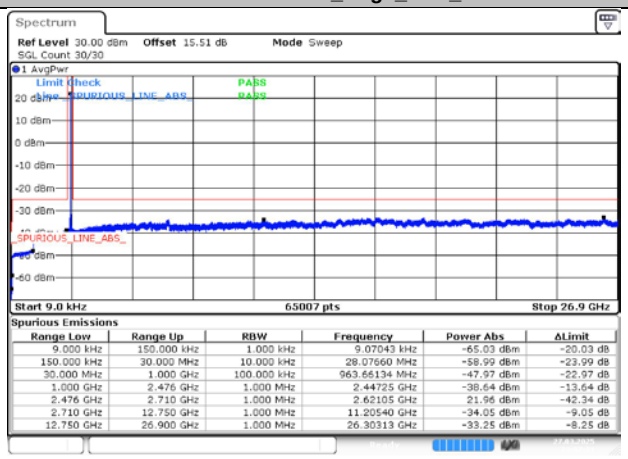


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.21129 kHz	-64.96 dBm	-19.96 dB
150.000 kHz	30.000 MHz	10.000 kHz	21.84418 MHz	-59.34 dBm	-24.34 dB
30.000 MHz	1.000 GHz	100.000 kHz	955.90909 MHz	-47.80 dBm	-22.80 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.41628 GHz	-38.87 dBm	-13.87 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.55934 GHz	19.25 dBm	-41.09 dB
2.710 GHz	12.750 GHz	1.000 MHz	11.30713 GHz	-34.31 dBm	-9.31 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.20083 GHz	-33.22 dBm	-8.22 dB

Date: 27.MAR.2025 23:07:02

HCH / DFT-Pi2BPSK_Edge_1RB_Left

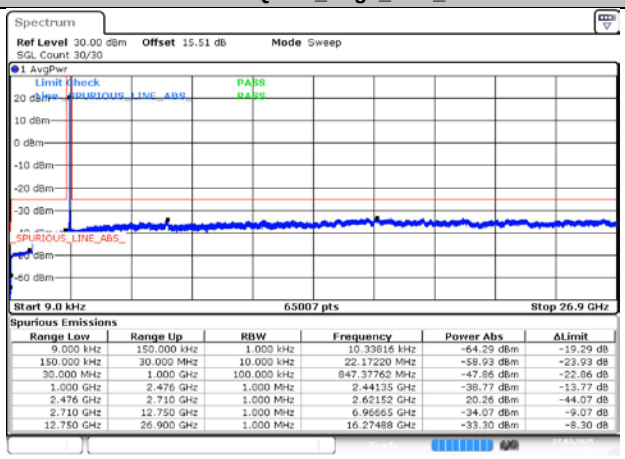


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-65.03 dBm	-20.03 dB
150.000 kHz	30.000 MHz	10.000 kHz	28.07660 MHz	-58.99 dBm	-23.99 dB
30.000 MHz	1.000 GHz	100.000 kHz	963.66134 MHz	-47.97 dBm	-22.97 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.44725 GHz	-38.64 dBm	-13.64 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.62105 GHz	21.96 dBm	-42.34 dB
2.710 GHz	12.750 GHz	1.000 MHz	11.20540 GHz	-34.05 dBm	-9.05 dB
12.750 GHz	26.900 GHz	1.000 MHz	26.30313 GHz	-33.25 dBm	-8.25 dB

Date: 27.MAR.2025 23:07:30

HCH / DFT-QPSK_Edge_1RB_Left



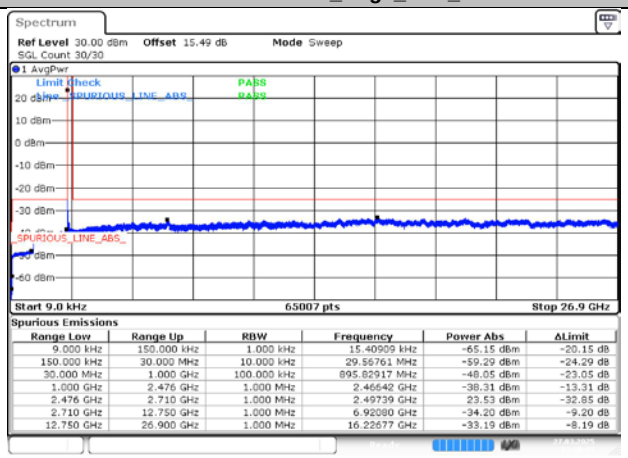
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.33816 kHz	-64.29 dBm	-19.29 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.17220 MHz	-58.93 dBm	-23.93 dB
30.000 MHz	1.000 GHz	100.000 kHz	847.37762 MHz	-47.86 dBm	-22.86 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.44135 GHz	-38.77 dBm	-13.77 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.62152 GHz	20.26 dBm	-44.07 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.96665 GHz	-34.07 dBm	-9.07 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.27488 GHz	-33.30 dBm	-8.30 dB

Date: 27.MAR.2025 23:08:06

n41A / 30KHz / 80MHz

LCH / DFT-Pi2BPSK_Edge_1RB_Left

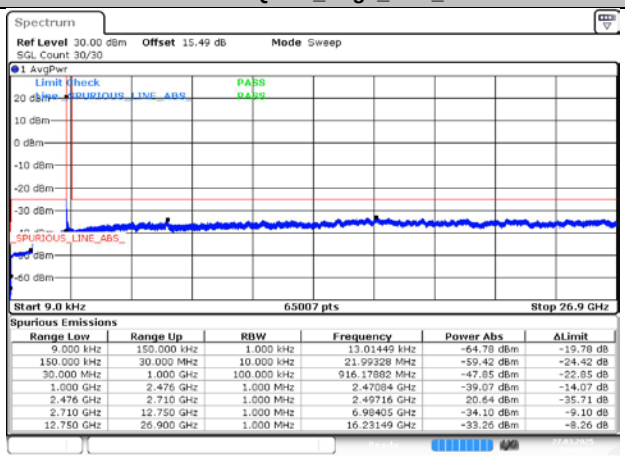


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	15.40909 kHz	-65.15 dBm	-20.15 dB
150.000 kHz	30.000 MHz	10.000 kHz	29.56761 MHz	-59.29 dBm	-24.29 dB
30.000 MHz	1.000 GHz	100.000 kHz	895.82917 MHz	-48.05 dBm	-23.05 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.46642 GHz	-38.31 dBm	-13.31 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.49739 GHz	23.53 dBm	-32.85 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.92080 GHz	-34.20 dBm	-9.20 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.22677 GHz	-33.19 dBm	-8.19 dB

Date: 27.MAR.2025 23:08:35

LCH / DFT-QPSK_Edge_1RB_Left

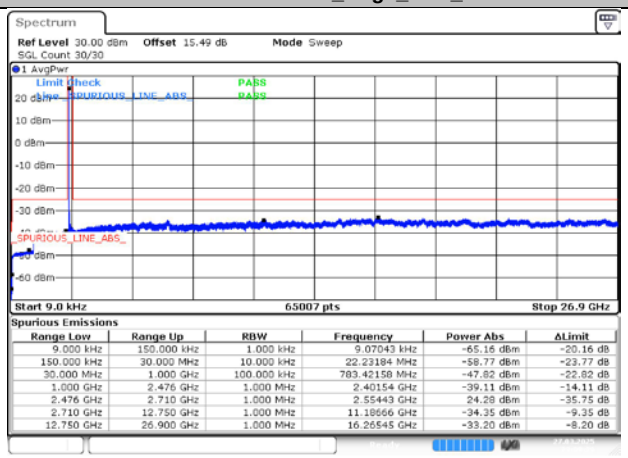


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	13.01449 kHz	-64.78 dBm	-19.78 dB
150.000 kHz	30.000 MHz	10.000 kHz	21.99328 MHz	-59.42 dBm	-24.42 dB
30.000 MHz	1.000 GHz	100.000 kHz	916.17882 MHz	-47.85 dBm	-22.85 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.47084 GHz	-39.07 dBm	-14.07 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.49716 GHz	20.64 dBm	-35.71 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.98405 GHz	-34.10 dBm	-9.10 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.23149 GHz	-33.26 dBm	-8.26 dB

Date: 27.MAR.2025 23:09:01

MCH / DFT-Pi2BPSK_Edge_1RB_Left

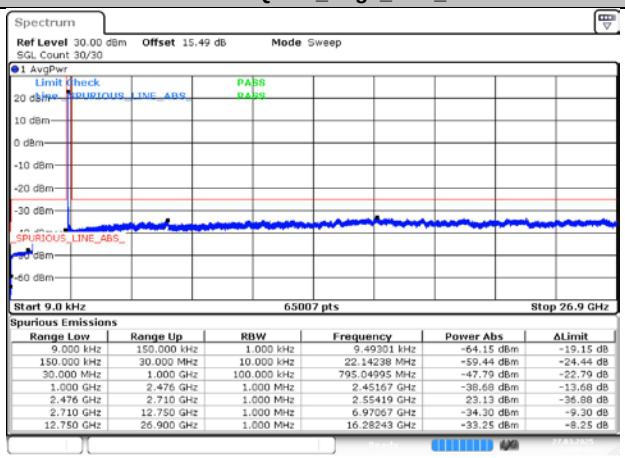


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-65.16 dBm	-20.16 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.23184 MHz	-58.77 dBm	-23.77 dB
30.000 MHz	1.000 GHz	100.000 kHz	783.42158 MHz	-47.82 dBm	-22.82 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.40154 GHz	-39.11 dBm	-14.11 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.55443 GHz	24.28 dBm	-35.75 dB
2.710 GHz	12.750 GHz	1.000 MHz	11.18666 GHz	-34.35 dBm	-9.35 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.26545 GHz	-33.20 dBm	-8.20 dB

Date: 27.MAR.2025 23:09:29

MCH / DFT-QPSK_Edge_1RB_Left

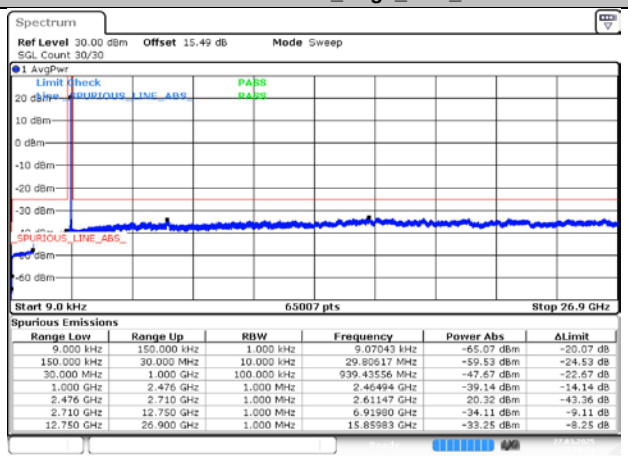


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.49301 kHz	-64.15 dBm	-19.15 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.14238 MHz	-59.44 dBm	-24.44 dB
30.000 MHz	1.000 GHz	100.000 kHz	795.04995 MHz	-47.79 dBm	-22.79 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.45167 GHz	-38.68 dBm	-13.68 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.55419 GHz	23.13 dBm	-36.88 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.97067 GHz	-34.30 dBm	-9.30 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.28243 GHz	-33.25 dBm	-8.25 dB

Date: 27.MAR.2025 23:09:55

HCH / DFT-Pi2BPSK_Edge_1RB_Left

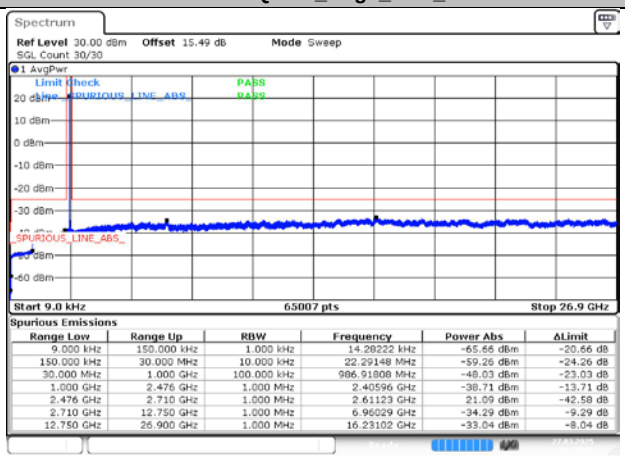


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-65.07 dBm	-20.07 dB
150.000 kHz	30.000 MHz	10.000 kHz	29.80617 MHz	-59.53 dBm	-24.53 dB
30.000 MHz	1.000 GHz	100.000 kHz	939.43556 MHz	-47.67 dBm	-22.67 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.46494 GHz	-39.14 dBm	-14.14 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.61147 GHz	20.32 dBm	-43.36 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.91980 GHz	-34.11 dBm	-9.11 dB
12.750 GHz	26.900 GHz	1.000 MHz	15.85983 GHz	-33.25 dBm	-8.25 dB

Date: 27.MAR.2025 23:10:22

HCH / DFT-QPSK_Edge_1RB_Left



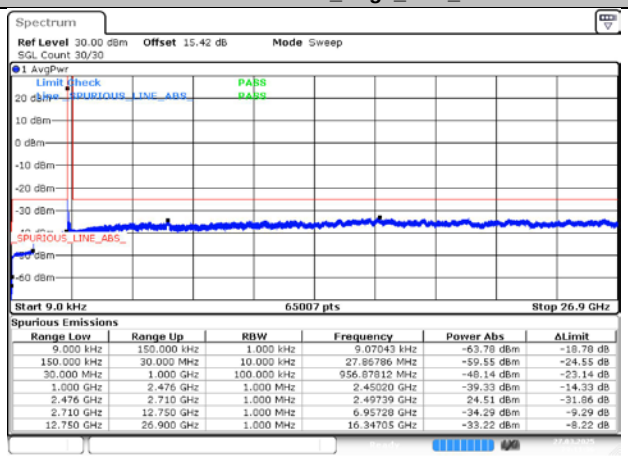
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	14.28222 kHz	-65.66 dBm	-20.66 dB
150.000 kHz	30.000 MHz	10.000 kHz	22.29148 MHz	-59.26 dBm	-24.26 dB
30.000 MHz	1.000 GHz	100.000 kHz	986.91808 MHz	-48.03 dBm	-23.03 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.40596 GHz	-38.71 dBm	-13.71 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.61123 GHz	21.09 dBm	-42.58 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.96029 GHz	-34.29 dBm	-9.29 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.23102 GHz	-33.04 dBm	-8.04 dB

Date: 27.MAR.2025 23:10:59

n41A / 30KHz / 90MHz

LCH / DFT-Pi2BPSK_Edge_1RB_Left

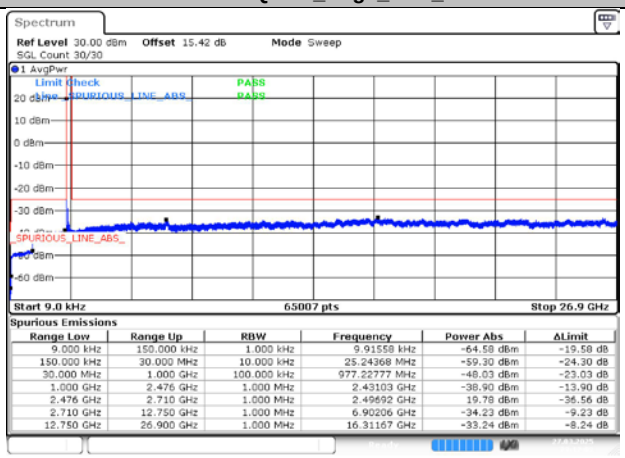


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-63.78 dBm	-18.78 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.86786 MHz	-59.55 dBm	-24.55 dB
30.000 MHz	1.000 GHz	100.000 kHz	956.87812 MHz	-48.14 dBm	-23.14 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.45020 GHz	-39.33 dBm	-14.33 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.49739 GHz	24.51 dBm	-31.86 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.95728 GHz	-34.29 dBm	-9.29 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.34705 GHz	-33.22 dBm	-8.22 dB

Date: 27.MAR.2025 23:11:36

LCH / DFT-QPSK_Edge_1RB_Left

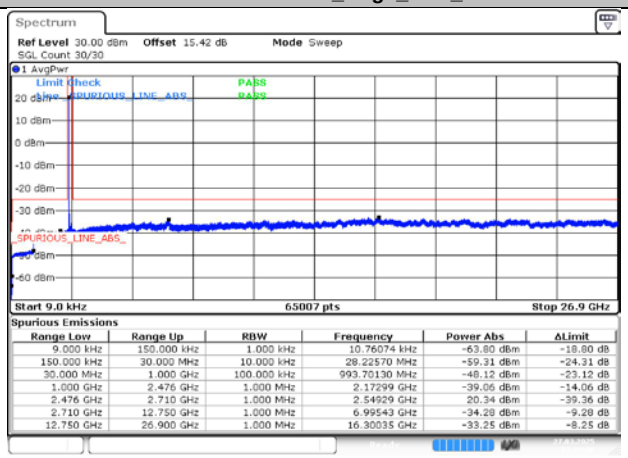


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.91558 kHz	-64.58 dBm	-19.58 dB
150.000 kHz	30.000 MHz	10.000 kHz	25.24368 MHz	-59.30 dBm	-24.30 dB
30.000 MHz	1.000 GHz	100.000 kHz	977.22777 MHz	-48.03 dBm	-23.03 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.43103 GHz	-38.90 dBm	-13.90 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.49692 GHz	19.78 dBm	-36.56 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.90206 GHz	-34.23 dBm	-9.23 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.31167 GHz	-33.24 dBm	-8.24 dB

Date: 27.MAR.2025 23:12:02

MCH / DFT-Pi2BPSK_Edge_1RB_Left

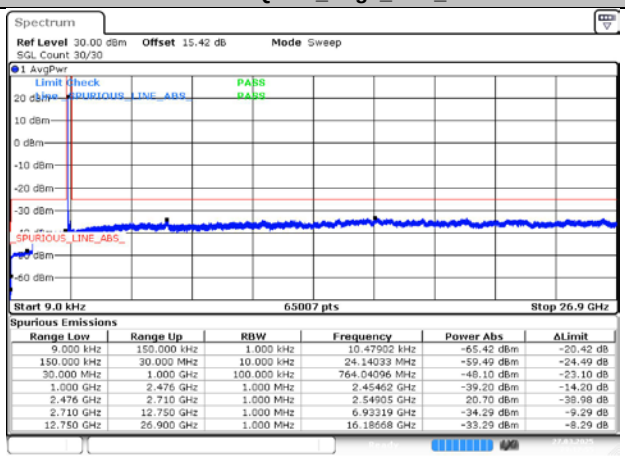


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.76074 kHz	-63.80 dBm	-18.80 dB
150.000 kHz	30.000 MHz	10.000 kHz	28.22570 MHz	-59.31 dBm	-24.31 dB
30.000 MHz	1.000 GHz	100.000 kHz	993.70130 MHz	-48.12 dBm	-23.12 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.17299 GHz	-39.06 dBm	-14.06 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.54929 GHz	20.34 dBm	-39.36 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.99543 GHz	-34.28 dBm	-9.28 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.30035 GHz	-33.25 dBm	-8.25 dB

Date: 27.MAR.2025 23:12:29

MCH / DFT-QPSK_Edge_1RB_Left

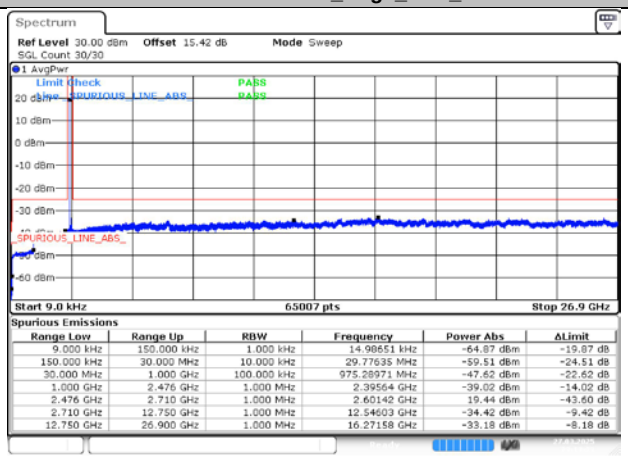


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.47902 kHz	-65.42 dBm	-20.42 dB
150.000 kHz	30.000 MHz	10.000 kHz	24.14033 MHz	-59.49 dBm	-24.49 dB
30.000 MHz	1.000 GHz	100.000 kHz	764.04096 MHz	-48.10 dBm	-23.10 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.45462 GHz	-39.20 dBm	-14.20 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.54905 GHz	20.70 dBm	-38.98 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.93319 GHz	-34.29 dBm	-9.29 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.18668 GHz	-33.29 dBm	-8.29 dB

Date: 27.MAR.2025 23:12:55

HCH / DFT-Pi2BPSK_Edge_1RB_Left

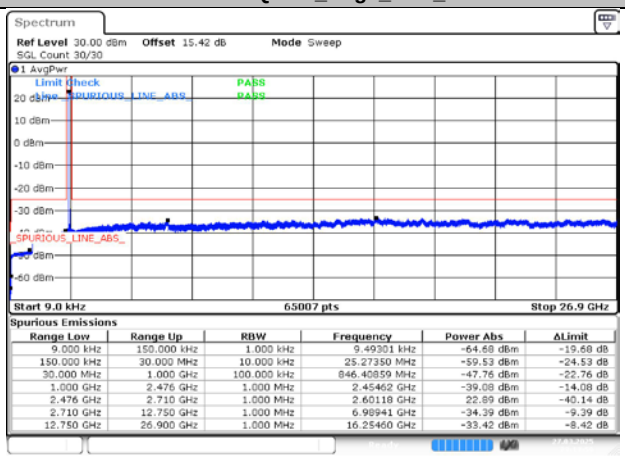


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	14.98651 kHz	-64.87 dBm	-19.87 dB
150.000 kHz	30.000 MHz	10.000 kHz	29.77635 MHz	-59.51 dBm	-24.51 dB
30.000 MHz	1.000 GHz	100.000 kHz	975.28971 MHz	-47.62 dBm	-22.62 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.39564 GHz	-39.02 dBm	-14.02 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.60142 GHz	19.44 dBm	-43.60 dB
2.710 GHz	12.750 GHz	1.000 MHz	12.54603 GHz	-34.42 dBm	-9.42 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.27158 GHz	-33.18 dBm	-8.18 dB

Date: 27.MAR.2025 23:13:23

HCH / DFT-QPSK_Edge_1RB_Left



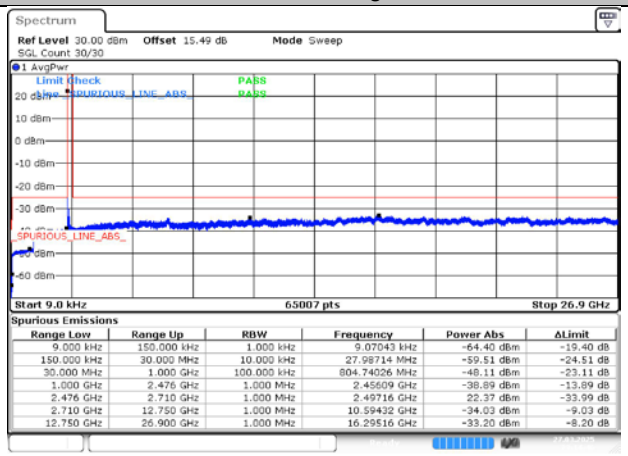
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.49301 kHz	-64.68 dBm	-19.68 dB
150.000 kHz	30.000 MHz	10.000 kHz	25.27350 MHz	-59.53 dBm	-24.53 dB
30.000 MHz	1.000 GHz	100.000 kHz	846.40859 MHz	-47.76 dBm	-22.76 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.45462 GHz	-39.08 dBm	-14.08 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.60118 GHz	22.89 dBm	-40.14 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.98941 GHz	-34.39 dBm	-9.39 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.25460 GHz	-33.42 dBm	-8.42 dB

Date: 27.MAR.2025 23:13:59

n41A / 30KHz / 100MHz

LCH / DFT-Pi2BPSK_Edge_1RB_Left

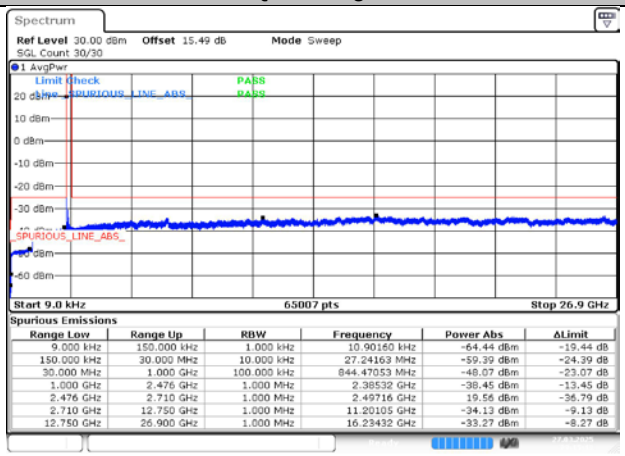


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.07043 kHz	-64.40 dBm	-19.40 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.98714 MHz	-59.51 dBm	-24.51 dB
30.000 MHz	1.000 GHz	100.000 kHz	804.74026 MHz	-48.11 dBm	-23.11 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.45609 GHz	-38.89 dBm	-13.89 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.49716 GHz	22.37 dBm	-33.99 dB
2.710 GHz	12.750 GHz	1.000 MHz	10.59432 GHz	-34.03 dBm	-9.03 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.29516 GHz	-33.20 dBm	-8.20 dB

Date: 27.MAR.2025 23:14:45

LCH / DFT-QPSK_Edge_1RB_Left

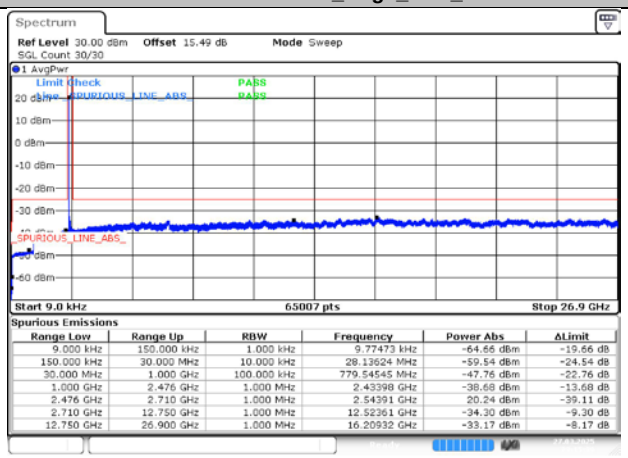


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.90160 kHz	-64.44 dBm	-19.44 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.24163 MHz	-59.39 dBm	-24.39 dB
30.000 MHz	1.000 GHz	100.000 kHz	844.47053 MHz	-48.07 dBm	-23.07 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.38532 GHz	-38.45 dBm	-13.45 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.49716 GHz	19.56 dBm	-36.79 dB
2.710 GHz	12.750 GHz	1.000 MHz	11.20105 GHz	-34.13 dBm	-9.13 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.23432 GHz	-33.27 dBm	-8.27 dB

Date: 27.MAR.2025 23:15:11

MCH / DFT-Pi2BPSK_Edge_1RB_Left

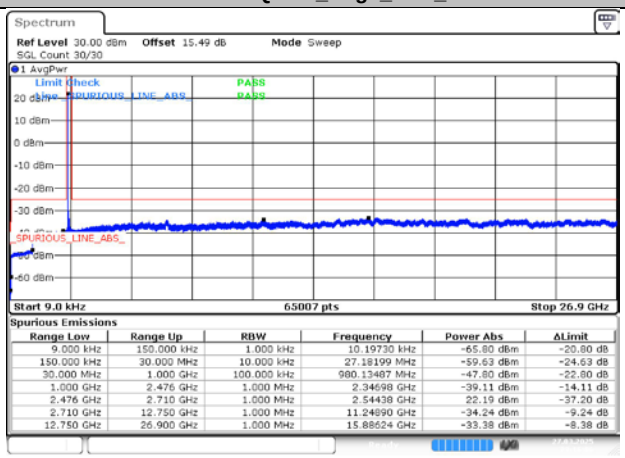


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	9.77473 kHz	-64.66 dBm	-19.66 dB
150.000 kHz	30.000 MHz	10.000 kHz	28.13624 MHz	-59.54 dBm	-24.54 dB
30.000 MHz	1.000 GHz	100.000 kHz	779.54545 MHz	-47.76 dBm	-22.76 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.43398 GHz	-38.68 dBm	-13.68 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.54391 GHz	20.24 dBm	-39.11 dB
2.710 GHz	12.750 GHz	1.000 MHz	12.52361 GHz	-34.30 dBm	-9.30 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.20932 GHz	-33.17 dBm	-8.17 dB

Date: 27.MAR.2025 23:15:39

MCH / DFT-QPSK_Edge_1RB_Left

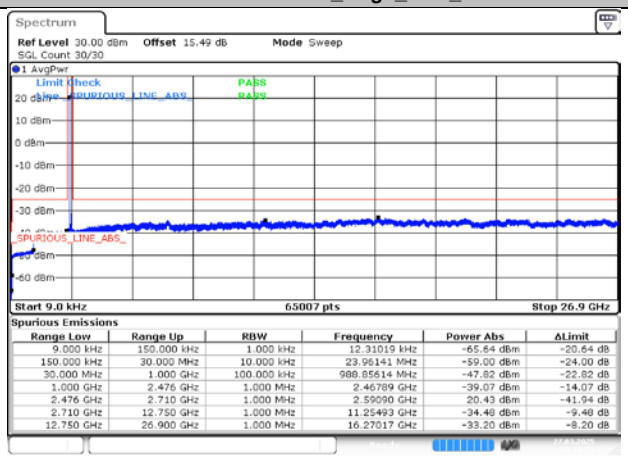


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.19730 kHz	-65.80 dBm	-20.80 dB
150.000 kHz	30.000 MHz	10.000 kHz	27.18199 MHz	-59.63 dBm	-24.63 dB
30.000 MHz	1.000 GHz	100.000 kHz	980.13487 MHz	-47.80 dBm	-22.80 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.34698 GHz	-39.11 dBm	-14.11 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.54438 GHz	22.19 dBm	-37.20 dB
2.710 GHz	12.750 GHz	1.000 MHz	11.24890 GHz	-34.24 dBm	-9.24 dB
12.750 GHz	26.900 GHz	1.000 MHz	15.88624 GHz	-33.38 dBm	-8.38 dB

Date: 27.MAR.2025 23:16:06

HCH / DFT-Pi2BPSK_Edge_1RB_Left

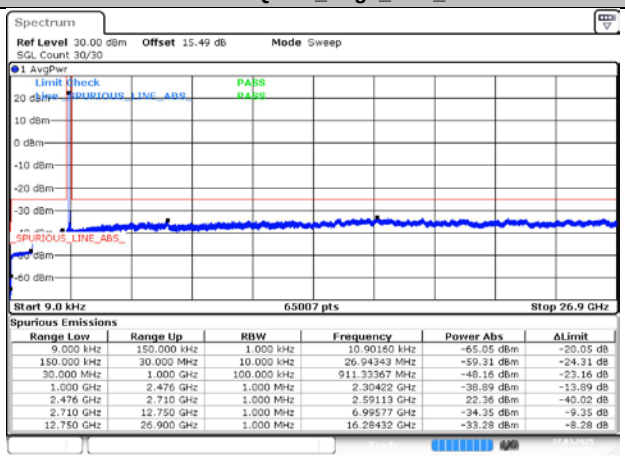


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	12.31019 kHz	-65.64 dBm	-20.64 dB
150.000 kHz	30.000 MHz	10.000 kHz	23.96141 MHz	-59.00 dBm	-24.00 dB
30.000 MHz	1.000 GHz	100.000 kHz	988.85614 MHz	-47.82 dBm	-22.82 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.46789 GHz	-39.07 dBm	-14.07 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.59090 GHz	20.43 dBm	-41.94 dB
2.710 GHz	12.750 GHz	1.000 MHz	11.25493 GHz	-34.48 dBm	-9.48 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.27017 GHz	-33.20 dBm	-8.20 dB

Date: 27.MAR.2025 23:16:33

HCH / DFT-QPSK_Edge_1RB_Left



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	1.000 kHz	10.90160 kHz	-65.05 dBm	-20.05 dB
150.000 kHz	30.000 MHz	10.000 kHz	26.94343 MHz	-59.31 dBm	-24.31 dB
30.000 MHz	1.000 GHz	100.000 kHz	911.33367 MHz	-48.16 dBm	-23.16 dB
1.000 GHz	2.476 GHz	1.000 MHz	2.30422 GHz	-38.89 dBm	-13.89 dB
2.476 GHz	2.710 GHz	1.000 MHz	2.59113 GHz	22.36 dBm	-40.02 dB
2.710 GHz	12.750 GHz	1.000 MHz	6.99577 GHz	-34.35 dBm	-9.35 dB
12.750 GHz	26.900 GHz	1.000 MHz	16.28432 GHz	-33.28 dBm	-8.28 dB

Date: 27.MAR.2025 23:17:09

7. Frequency Stability

7.1. Test Results

7.1.1. Frequency Error Vs Voltage

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-2.60	-0.001003	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-6.20	-0.002391	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-3.50	-0.001350	Pass

7.1.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-30℃	NV	-3.80	-0.001465	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-20℃	NV	-4.00	-0.001543	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-10℃	NV	-4.70	-0.001813	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	0℃	NV	-11.00	-0.004242	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	10℃	NV	-5.00	-0.001928	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	20℃	NV	-6.40	-0.002468	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	30℃	NV	-9.80	-0.003779	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	40℃	NV	-9.10	-0.003509	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	50℃	NV	-8.00	-0.003085	Pass

The End

Appendix
for
n71A
(663-698)

Catalogue

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1. Effective Radiated Power

1.1. Test Results @ Ant0 (Antenna Gain=-5.40dBi)

SCS	Bandwidth	Channel	Modulation	Conducted Result (dBm)			Max ERP (dBm)	Limit (dBm)	Verdict
				Inner_1RB_Left	Inner_1RB_Right	Inner_Full			
15KHz	5MHz	LCH	DFT-Pi2BPSK	22.58	22.59	22.59	15.04	34.77	Pass
15KHz	5MHz	LCH	DFT-QPSK	22.48	22.60	22.65	15.10	34.77	Pass
15KHz	5MHz	LCH	DFT-16QAM	21.91	21.71	21.68	14.36	34.77	Pass
15KHz	5MHz	LCH	DFT-64QAM	20.33	20.28	20.26	12.78	34.77	Pass
15KHz	5MHz	LCH	DFT-256QAM	18.03	18.04	18.31	10.76	34.77	Pass
15KHz	5MHz	LCH	CP-QPSK	21.04	20.90	21.21	13.66	34.77	Pass
15KHz	5MHz	MCH	DFT-Pi2BPSK	22.56	22.62	22.69	15.14	34.77	Pass
15KHz	5MHz	MCH	DFT-QPSK	22.58	22.64	22.68	15.13	34.77	Pass
15KHz	5MHz	MCH	DFT-16QAM	21.88	21.78	21.77	14.33	34.77	Pass
15KHz	5MHz	MCH	DFT-64QAM	20.38	20.44	20.35	12.89	34.77	Pass
15KHz	5MHz	MCH	DFT-256QAM	18.14	18.11	18.32	10.77	34.77	Pass
15KHz	5MHz	MCH	CP-QPSK	21.05	21.02	21.28	13.73	34.77	Pass
15KHz	5MHz	HCH	DFT-Pi2BPSK	22.45	22.51	22.53	14.98	34.77	Pass
15KHz	5MHz	HCH	DFT-QPSK	22.47	22.51	22.55	15.00	34.77	Pass
15KHz	5MHz	HCH	DFT-16QAM	21.64	21.70	21.61	14.15	34.77	Pass
15KHz	5MHz	HCH	DFT-64QAM	20.19	20.23	20.23	12.68	34.77	Pass
15KHz	5MHz	HCH	DFT-256QAM	17.93	18.01	18.21	10.66	34.77	Pass
15KHz	5MHz	HCH	CP-QPSK	20.93	20.90	21.17	13.62	34.77	Pass
15KHz	10MHz	LCH	DFT-Pi2BPSK	22.57	22.67	22.62	15.12	34.77	Pass
15KHz	10MHz	LCH	DFT-QPSK	22.50	22.63	22.60	15.08	34.77	Pass
15KHz	10MHz	LCH	DFT-16QAM	21.90	21.78	21.65	14.35	34.77	Pass
15KHz	10MHz	LCH	DFT-64QAM	20.37	20.29	20.21	12.82	34.77	Pass
15KHz	10MHz	LCH	DFT-256QAM	18.01	18.00	18.13	10.58	34.77	Pass
15KHz	10MHz	LCH	CP-QPSK	21.25	21.19	21.13	13.70	34.77	Pass
15KHz	10MHz	MCH	DFT-Pi2BPSK	22.64	22.67	22.61	15.12	34.77	Pass
15KHz	10MHz	MCH	DFT-QPSK	22.66	22.59	22.60	15.11	34.77	Pass
15KHz	10MHz	MCH	DFT-16QAM	21.81	21.77	21.73	14.26	34.77	Pass
15KHz	10MHz	MCH	DFT-64QAM	20.41	20.36	20.28	12.86	34.77	Pass
15KHz	10MHz	MCH	DFT-256QAM	18.04	18.10	18.21	10.66	34.77	Pass
15KHz	10MHz	MCH	CP-QPSK	21.08	21.05	21.22	13.67	34.77	Pass
15KHz	10MHz	HCH	DFT-Pi2BPSK	22.45	22.50	22.48	14.95	34.77	Pass
15KHz	10MHz	HCH	DFT-QPSK	22.49	22.45	22.46	14.94	34.77	Pass
15KHz	10MHz	HCH	DFT-16QAM	21.57	21.67	21.58	14.12	34.77	Pass
15KHz	10MHz	HCH	DFT-64QAM	20.19	20.29	20.15	12.74	34.77	Pass
15KHz	10MHz	HCH	DFT-256QAM	17.96	17.93	18.06	10.51	34.77	Pass
15KHz	10MHz	HCH	CP-QPSK	20.94	20.87	21.07	13.52	34.77	Pass
15KHz	15MHz	LCH	DFT-Pi2BPSK	22.61	22.59	22.64	15.09	34.77	Pass
15KHz	15MHz	LCH	DFT-QPSK	22.52	22.58	22.66	15.11	34.77	Pass
15KHz	15MHz	LCH	DFT-16QAM	21.86	21.79	21.74	14.31	34.77	Pass
15KHz	15MHz	LCH	DFT-64QAM	20.46	20.36	20.24	12.91	34.77	Pass
15KHz	15MHz	LCH	DFT-256QAM	18.02	18.05	18.20	10.65	34.77	Pass
15KHz	15MHz	LCH	CP-QPSK	21.03	21.02	21.23	13.68	34.77	Pass
15KHz	15MHz	MCH	DFT-Pi2BPSK	22.73	22.64	22.64	15.18	34.77	Pass
15KHz	15MHz	MCH	DFT-QPSK	22.70	22.61	22.61	15.15	34.77	Pass
15KHz	15MHz	MCH	DFT-16QAM	21.79	21.78	21.77	14.24	34.77	Pass
15KHz	15MHz	MCH	DFT-64QAM	20.40	20.40	20.25	12.85	34.77	Pass
15KHz	15MHz	MCH	DFT-256QAM	18.09	18.07	18.26	10.71	34.77	Pass
15KHz	15MHz	MCH	CP-QPSK	21.03	21.07	21.25	13.70	34.77	Pass
15KHz	15MHz	HCH	DFT-Pi2BPSK	22.51	22.50	22.52	14.97	34.77	Pass
15KHz	15MHz	HCH	DFT-QPSK	22.53	22.47	22.49	14.98	34.77	Pass
15KHz	15MHz	HCH	DFT-16QAM	21.64	21.66	21.62	14.11	34.77	Pass
15KHz	15MHz	HCH	DFT-64QAM	20.21	20.21	20.13	12.66	34.77	Pass
15KHz	15MHz	HCH	DFT-256QAM	17.93	17.93	18.10	10.55	34.77	Pass
15KHz	15MHz	HCH	CP-QPSK	20.95	20.92	21.10	13.55	34.77	Pass
15KHz	20MHz	LCH	DFT-Pi2BPSK	22.65	22.68	22.69	15.14	34.77	Pass
15KHz	20MHz	LCH	DFT-QPSK	22.55	22.61	22.72	15.17	34.77	Pass
15KHz	20MHz	LCH	DFT-16QAM	21.84	21.80	21.71	14.29	34.77	Pass
15KHz	20MHz	LCH	DFT-64QAM	20.52	20.41	20.22	12.97	34.77	Pass
15KHz	20MHz	LCH	DFT-256QAM	18.00	18.11	18.25	10.70	34.77	Pass

15KHz	20MHz	LCH	CP-QPSK	21.17	21.01	21.21	13.66	34.77	Pass
15KHz	20MHz	MCH	DFT-Pi2BPSK	22.69	22.66	22.72	15.17	34.77	Pass
15KHz	20MHz	MCH	DFT-QPSK	22.73	22.64	22.68	15.18	34.77	Pass
15KHz	20MHz	MCH	DFT-16QAM	21.74	21.73	21.76	14.21	34.77	Pass
15KHz	20MHz	MCH	DFT-64QAM	20.37	20.37	20.27	12.82	34.77	Pass
15KHz	20MHz	MCH	DFT-256QAM	18.06	18.08	18.25	10.70	34.77	Pass
15KHz	20MHz	MCH	CP-QPSK	21.08	20.98	21.26	13.71	34.77	Pass
15KHz	20MHz	HCH	DFT-Pi2BPSK	22.49	22.54	22.56	15.01	34.77	Pass
15KHz	20MHz	HCH	DFT-QPSK	22.50	22.47	22.56	15.01	34.77	Pass
15KHz	20MHz	HCH	DFT-16QAM	21.74	21.66	21.63	14.19	34.77	Pass
15KHz	20MHz	HCH	DFT-64QAM	20.32	20.29	20.16	12.77	34.77	Pass
15KHz	20MHz	HCH	DFT-256QAM	18.07	17.98	18.14	10.59	34.77	Pass
15KHz	20MHz	HCH	CP-QPSK	21.01	20.83	21.11	13.56	34.77	Pass

2. Peak-to-Average Ratio

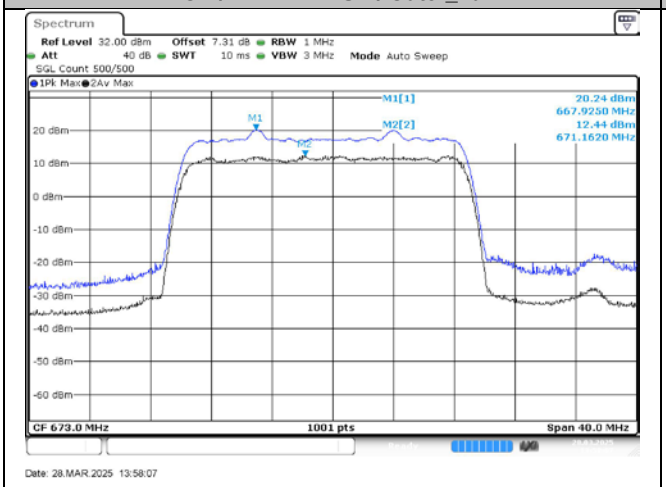
2.1. Test Results

SCS	Bandwidth	Channel	RB	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
15KHz	20MHz	LCH	Outer_Full	7.80	7.54	13.00	Pass
15KHz	20MHz	MCH	Outer_Full	8.50	7.13	13.00	Pass
15KHz	20MHz	HCH	Outer_Full	7.87	7.24	13.00	Pass

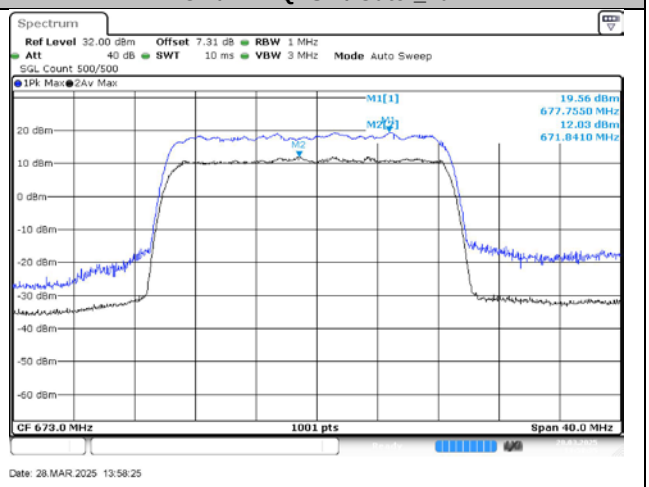
2.2. Test Plots for SCS=15KHz

n71A / 15KHz / 20MHz

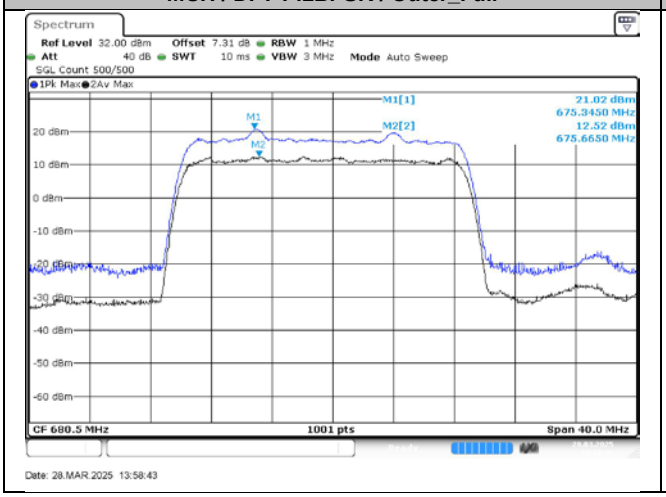
LCH / DFT-Pi2BPSK / Outer_Full



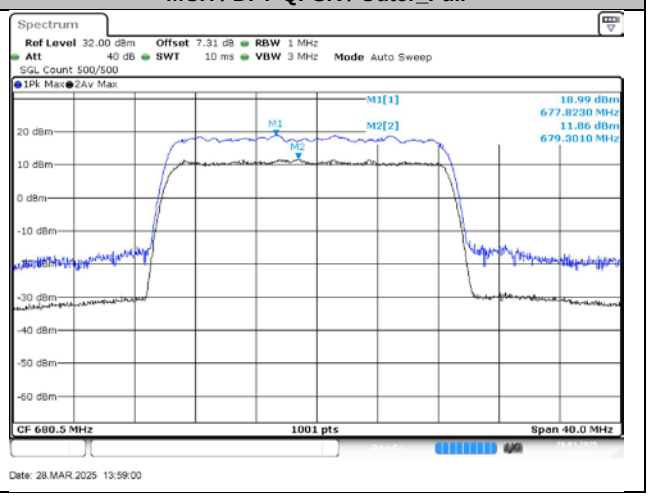
LCH / DFT-QPSK / Outer_Full

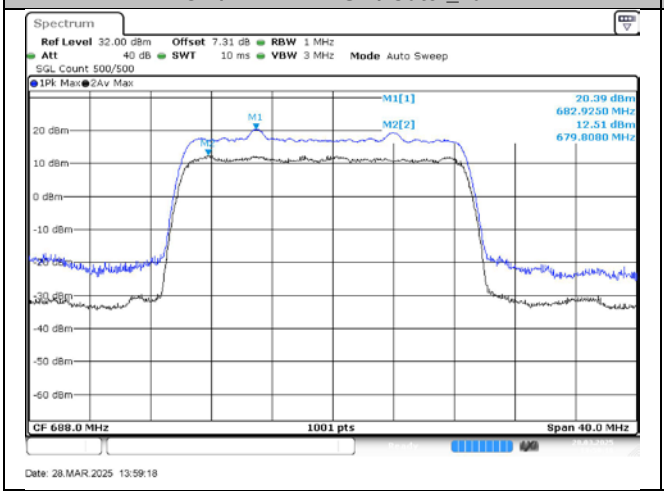
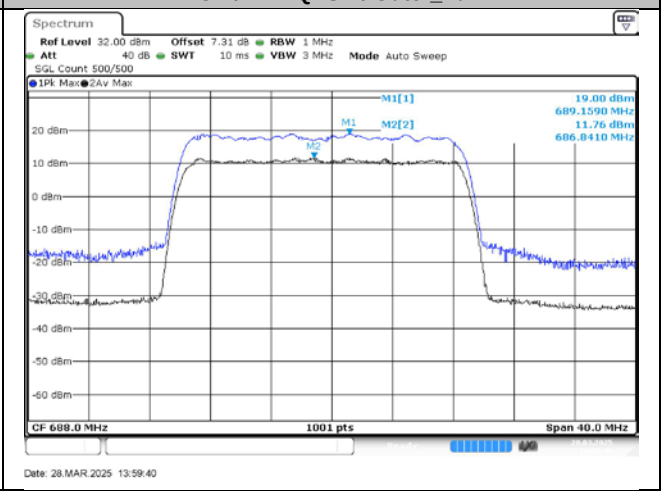


MCH / DFT-Pi2BPSK / Outer_Full



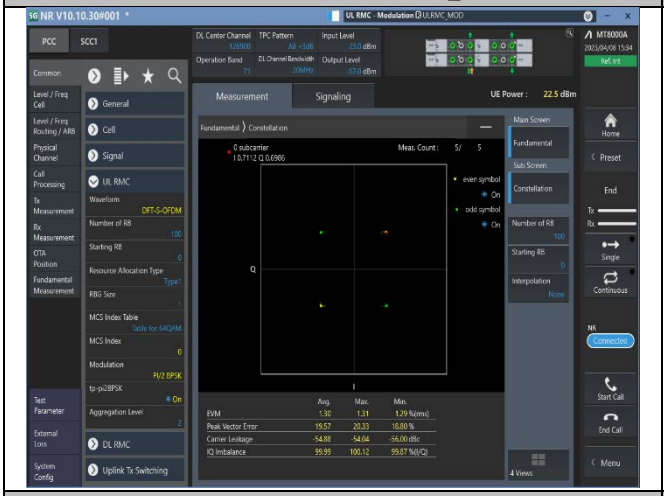
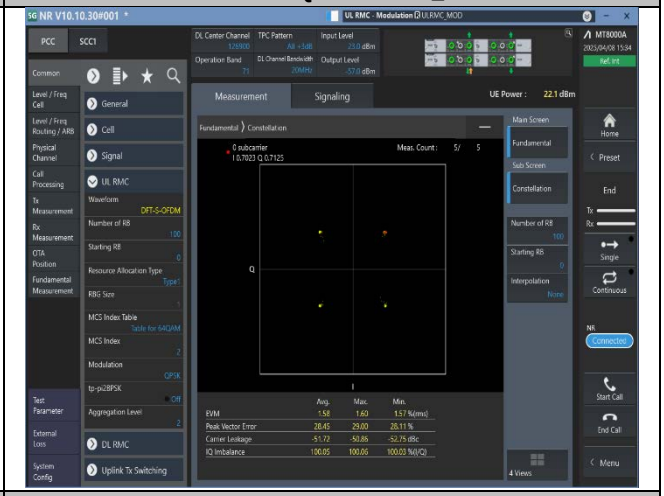
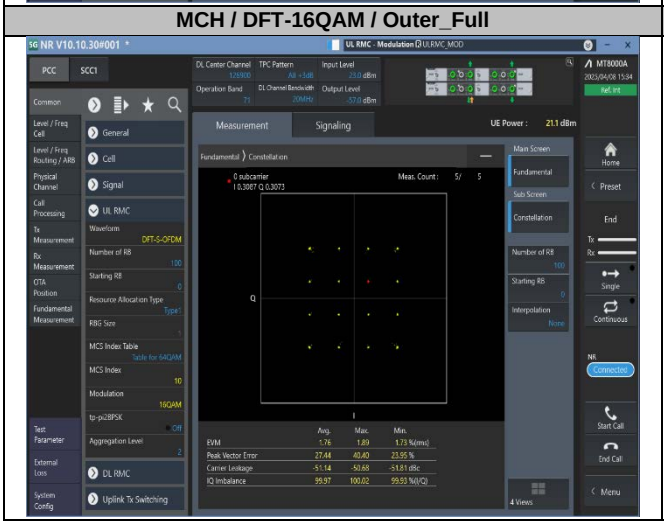
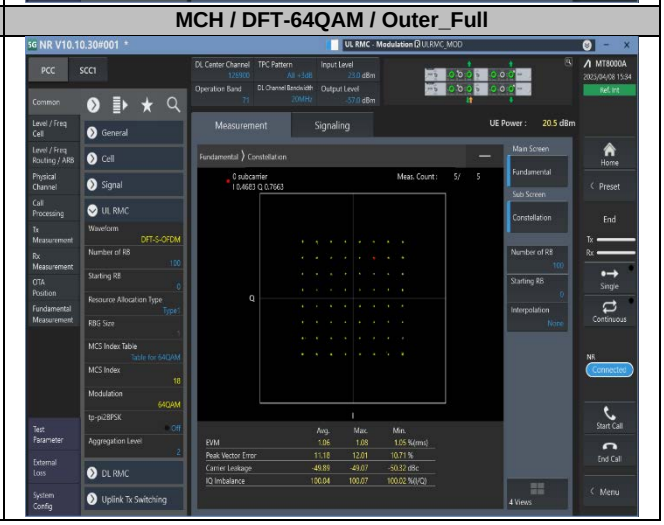
MCH / DFT-QPSK / Outer_Full



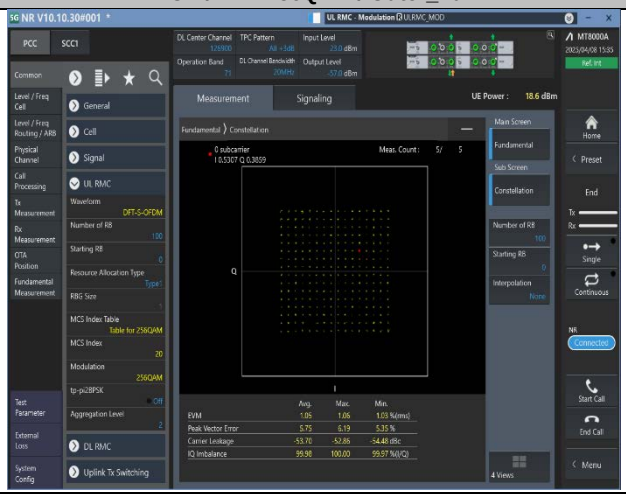
HCH / DFT-Pi2BPSK / Outer_Full	HCH / DFT-QPSK / Outer_Full
	

3. Modulation Characteristics

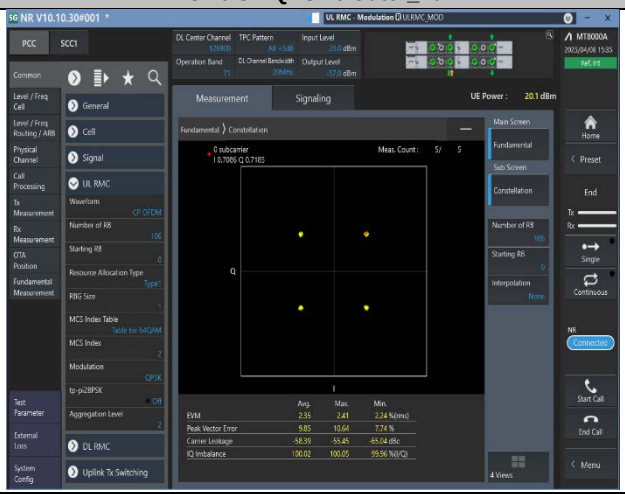
3.1. Test Plots for SCS=15KHz

n71A / 15KHz / 20MHz	
MCH / DFT-Pi2BPSK / Outer_Full	MCH / DFT-QPSK / Outer_Full
	
MCH / DFT-16QAM / Outer_Full	MCH / DFT-64QAM / Outer_Full
	

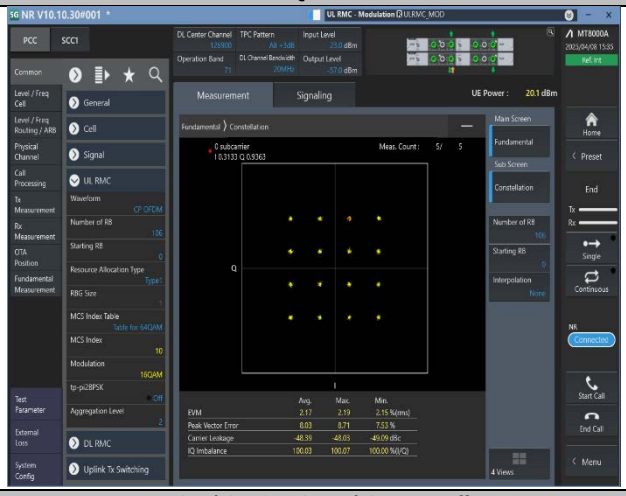
MCH / DFT-256QAM / Outer_Full



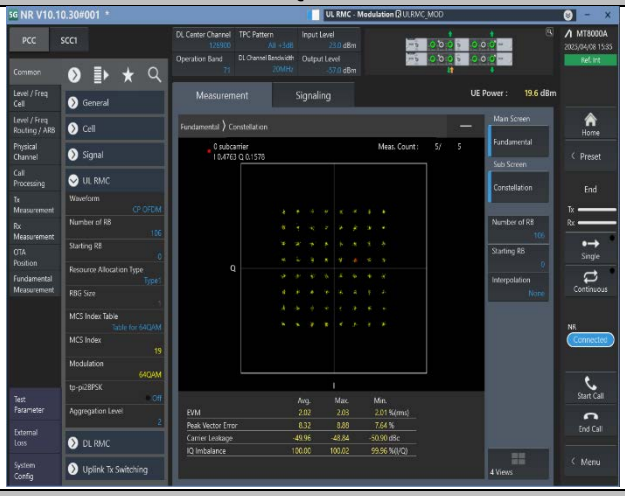
MCH / CP-QPSK / Outer_Full



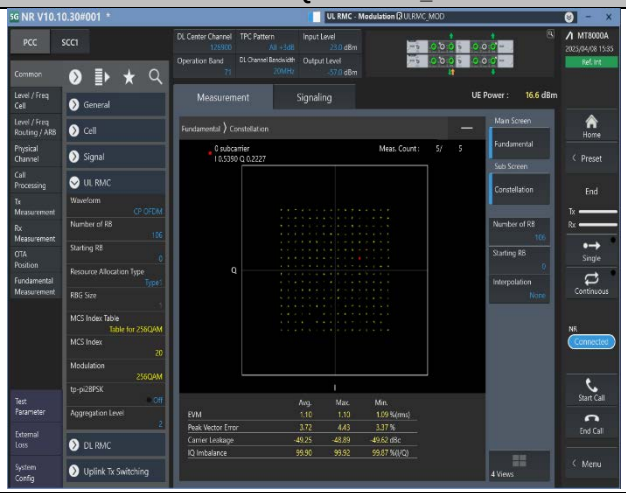
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full



MCH / CP-256QAM / Outer_Full



Intentionally Blank

4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

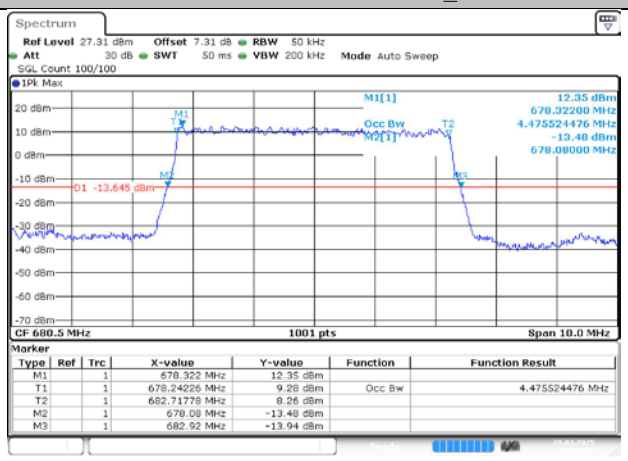
4.1. Test Results

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	4.50	4.81	Pass
15KHz	5MHz	CP-QPSK	Outer_Full	4.47	4.87	Pass
15KHz	5MHz	CP-16QAM	Outer_Full	4.48	4.83	Pass
15KHz	5MHz	CP-64QAM	Outer_Full	4.48	4.86	Pass
15KHz	5MHz	CP-256QAM	Outer_Full	4.47	4.81	Pass
15KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.93	9.48	Pass
15KHz	10MHz	DFT-QPSK	Outer_Full	8.91	9.36	Pass
15KHz	10MHz	CP-QPSK	Outer_Full	9.29	9.82	Pass
15KHz	10MHz	CP-16QAM	Outer_Full	9.29	9.86	Pass
15KHz	10MHz	CP-64QAM	Outer_Full	9.29	9.76	Pass
15KHz	10MHz	CP-256QAM	Outer_Full	9.27	9.80	Pass
15KHz	15MHz	DFT-Pi2BPSK	Outer_Full	13.43	14.16	Pass
15KHz	15MHz	DFT-QPSK	Outer_Full	13.40	14.19	Pass
15KHz	15MHz	CP-QPSK	Outer_Full	14.09	14.85	Pass
15KHz	15MHz	CP-16QAM	Outer_Full	14.09	14.82	Pass
15KHz	15MHz	CP-64QAM	Outer_Full	14.12	14.91	Pass
15KHz	15MHz	CP-256QAM	Outer_Full	14.15	14.82	Pass
15KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.86	18.64	Pass
15KHz	20MHz	DFT-QPSK	Outer_Full	17.82	18.64	Pass
15KHz	20MHz	CP-QPSK	Outer_Full	18.90	19.72	Pass
15KHz	20MHz	CP-16QAM	Outer_Full	18.90	19.84	Pass
15KHz	20MHz	CP-64QAM	Outer_Full	18.94	19.72	Pass
15KHz	20MHz	CP-256QAM	Outer_Full	18.86	19.76	Pass

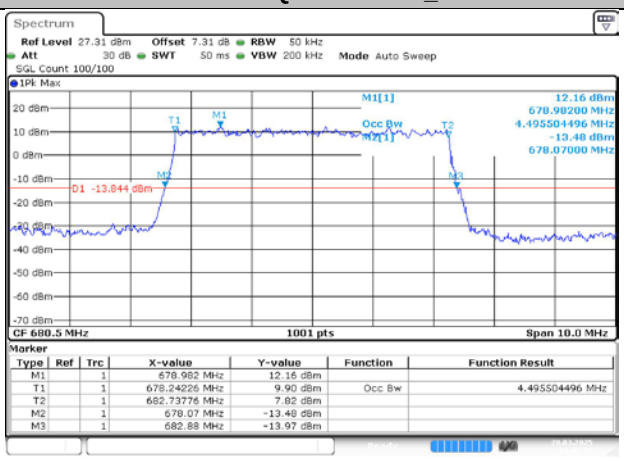
4.2. Test Plots for SCS=15KHz

n71A / 15KHz / 5MHz

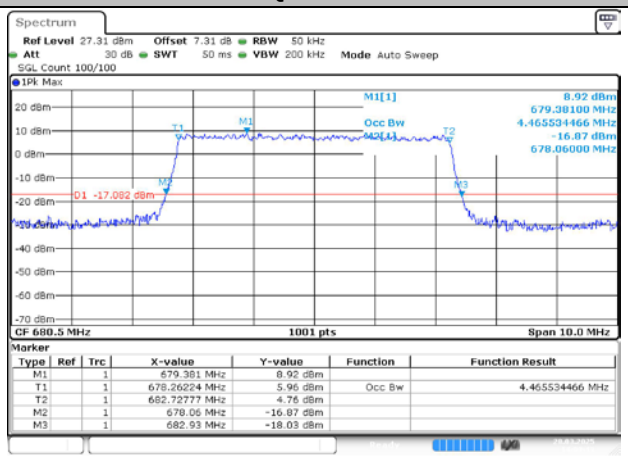
MCH / DFT-Pi2BPSK / Outer_Full



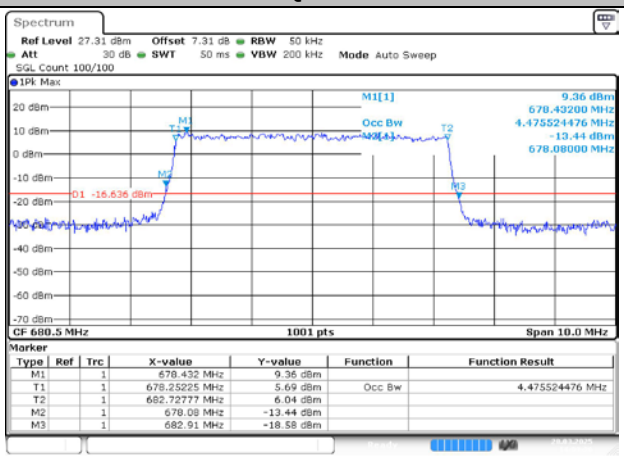
MCH / DFT-QPSK / Outer_Full



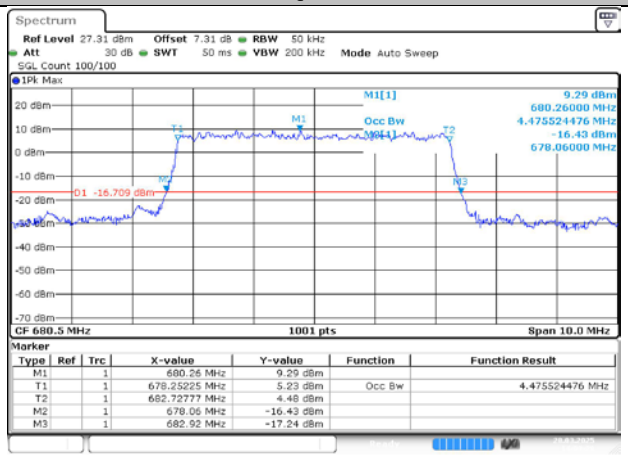
MCH / CP-QPSK / Outer_Full



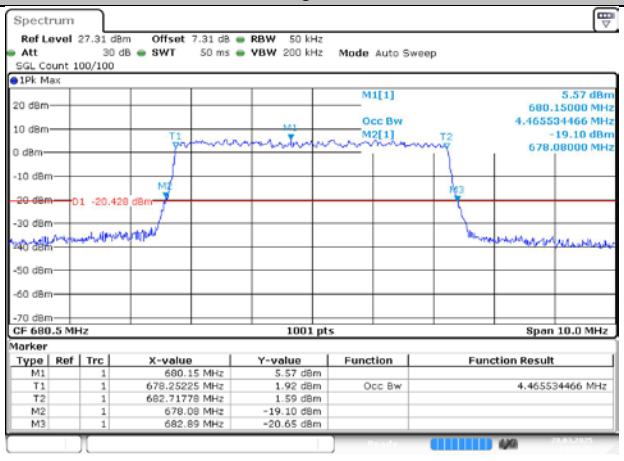
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

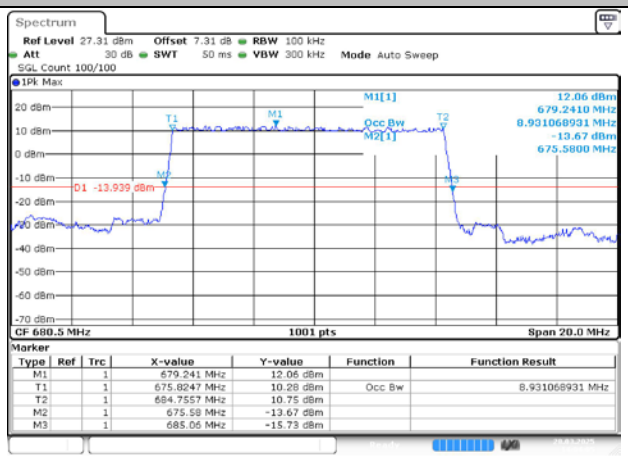


MCH / CP-256QAM / Outer_Full

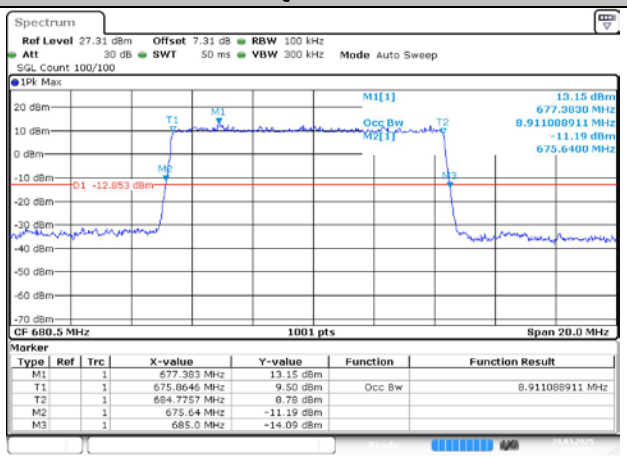


n71A / 15KHz / 10MHz

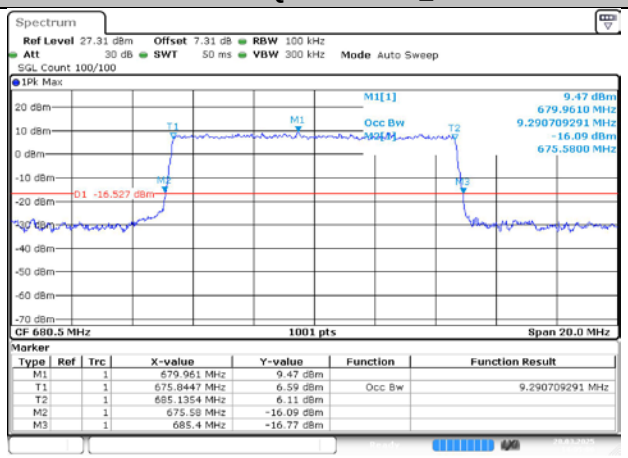
MCH / DFT-Pi2BPSK / Outer_Full



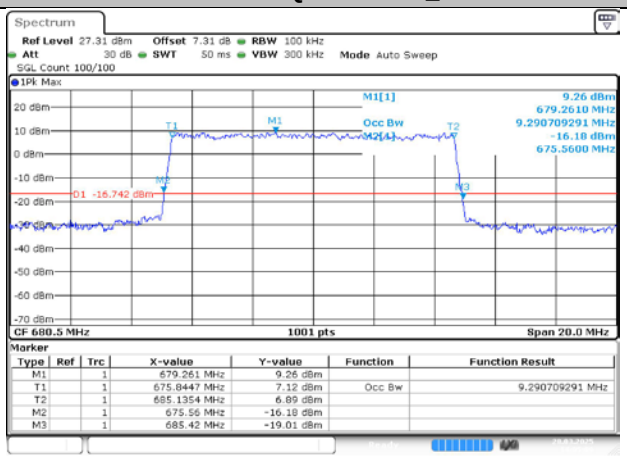
MCH / DFT-QPSK / Outer_Full



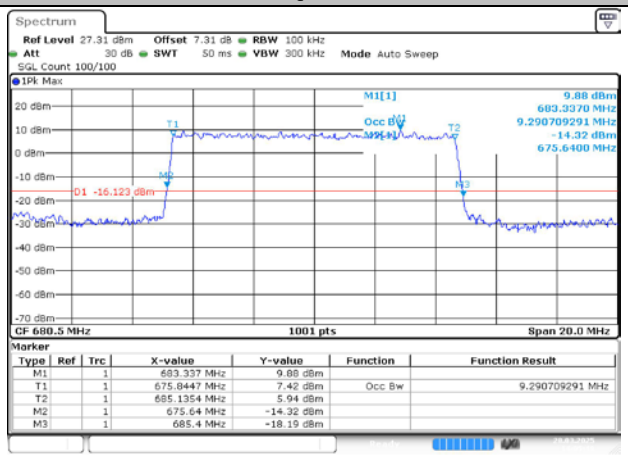
MCH / CP-QPSK / Outer_Full



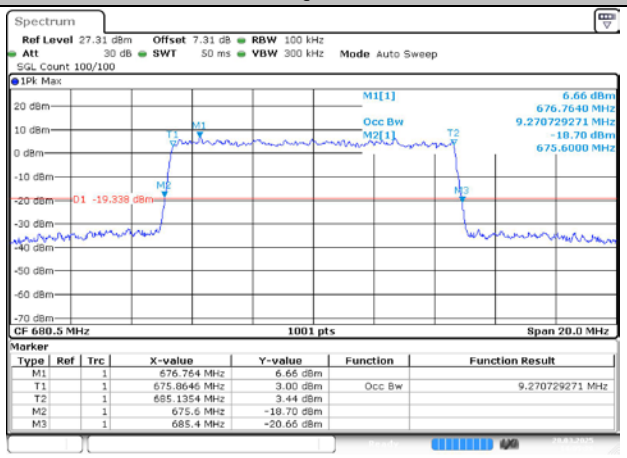
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

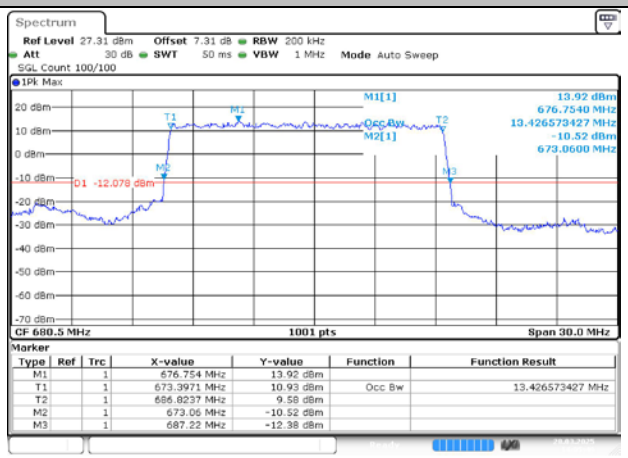


MCH / CP-256QAM / Outer_Full

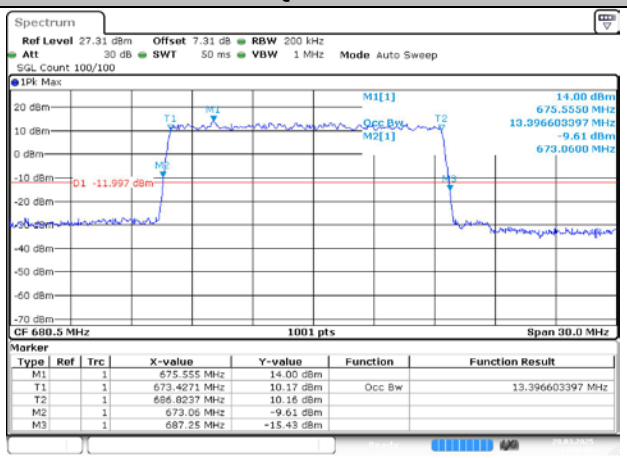


n71A / 15KHz / 15MHz

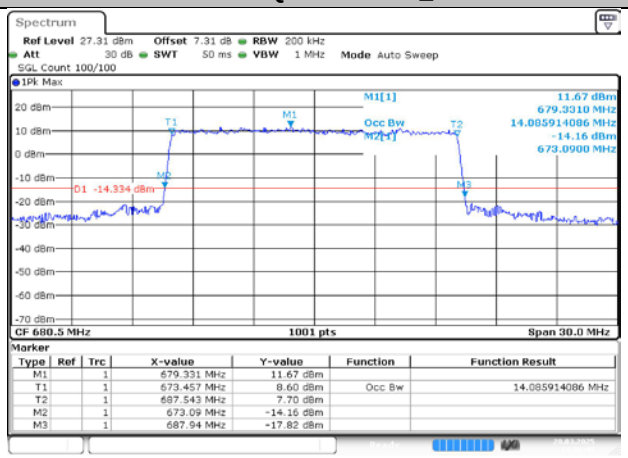
MCH / DFT-Pi2BPSK / Outer_Full



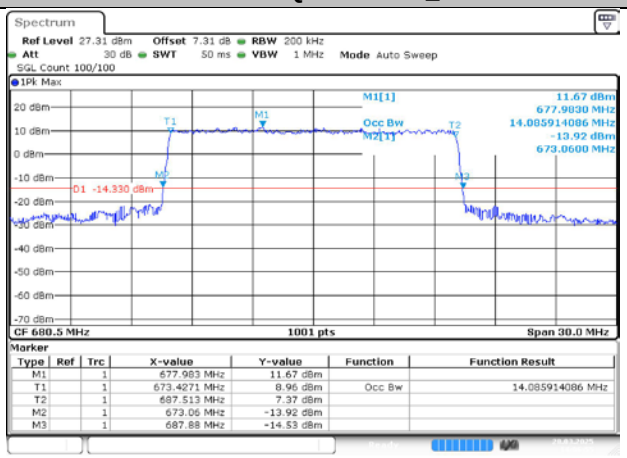
MCH / DFT-QPSK / Outer_Full



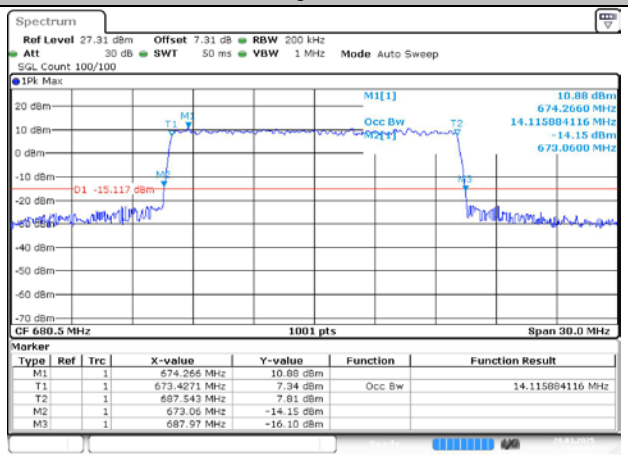
MCH / CP-QPSK / Outer_Full



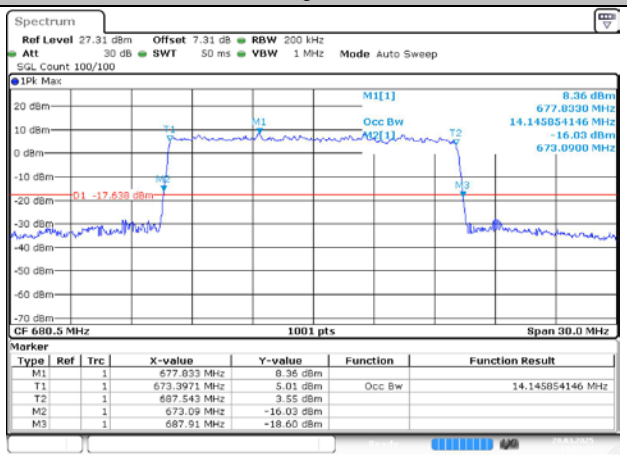
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full

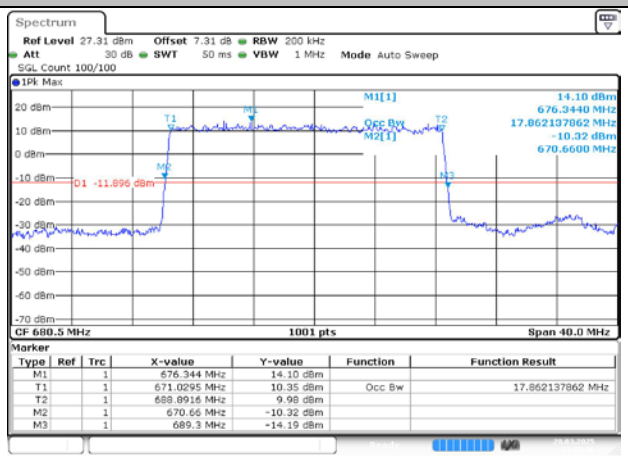


MCH / CP-256QAM / Outer_Full

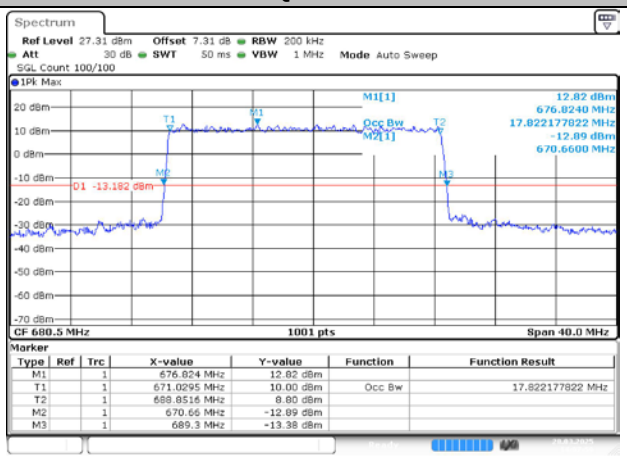


n71A / 15KHz / 20MHz

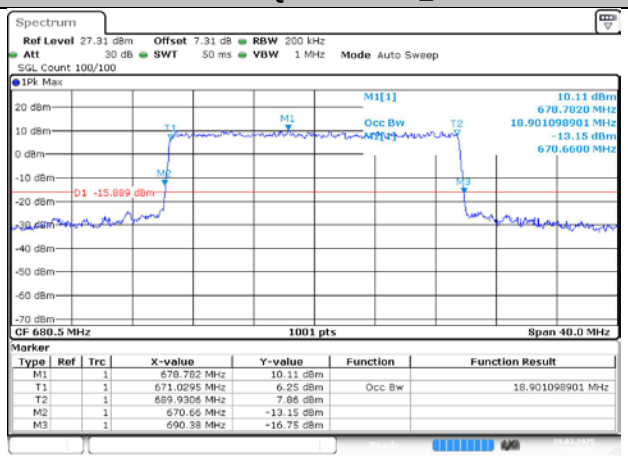
MCH / DFT-Pi2BPSK / Outer_Full



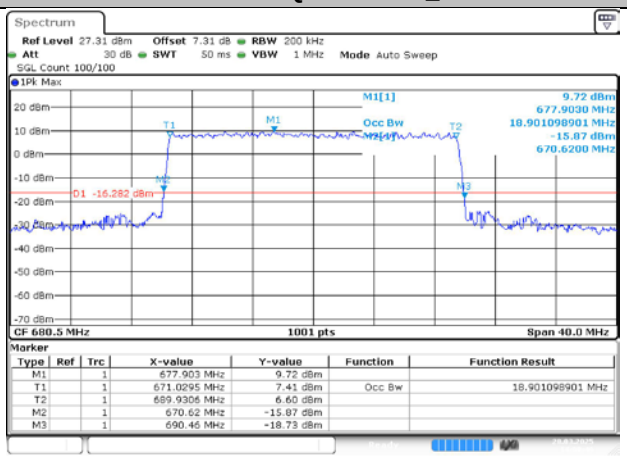
MCH / DFT-QPSK / Outer_Full



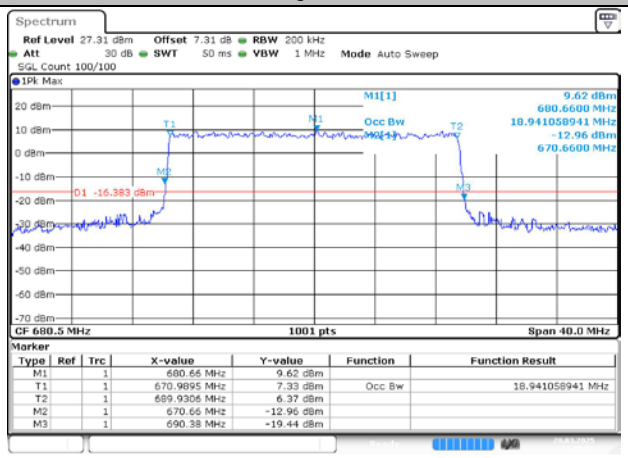
MCH / CP-QPSK / Outer_Full



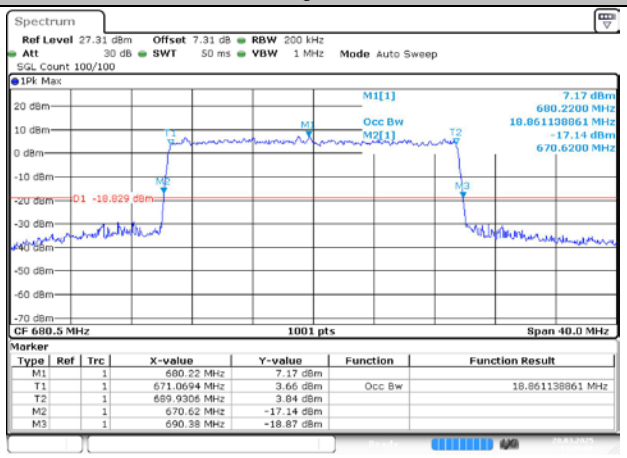
MCH / CP-16QAM / Outer_Full



MCH / CP-64QAM / Outer_Full



MCH / CP-256QAM / Outer_Full

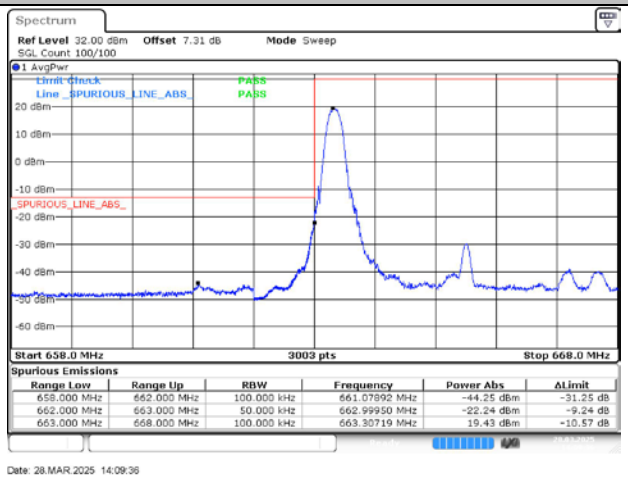


5. Conducted Band Edges

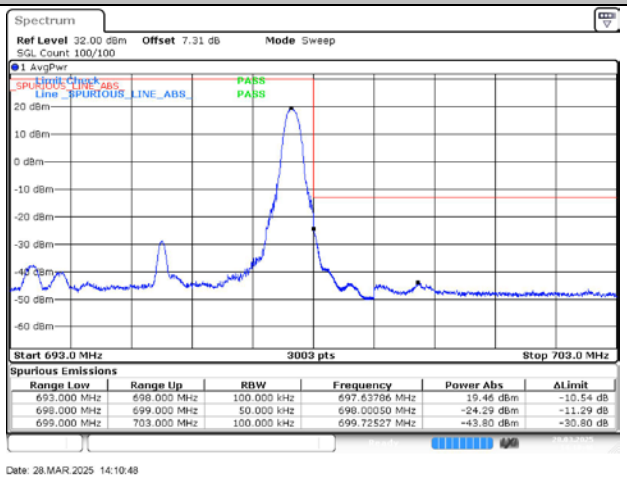
5.1. Test Plots for SCS=15KHz

n71A / 15KHz / 5MHz

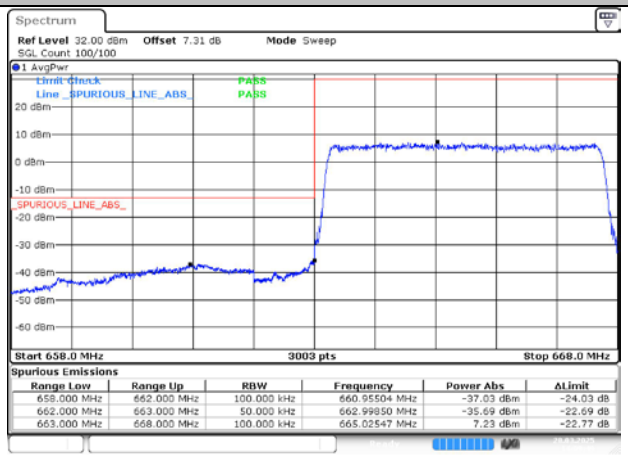
LCH / DFT-Pi2BPSK / Edge_1RB_Left



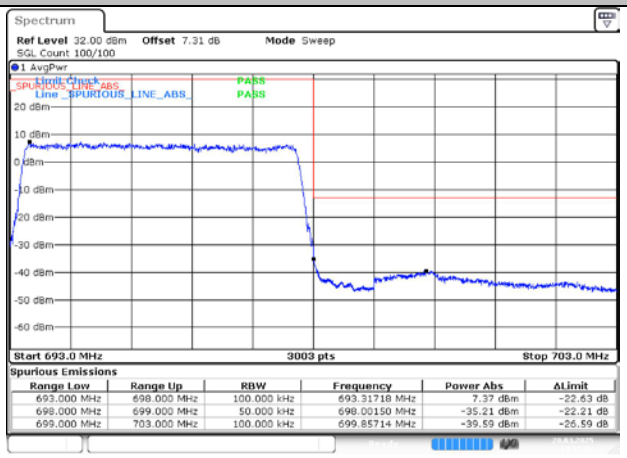
HCH / DFT-Pi2BPSK / Edge_1RB_Right



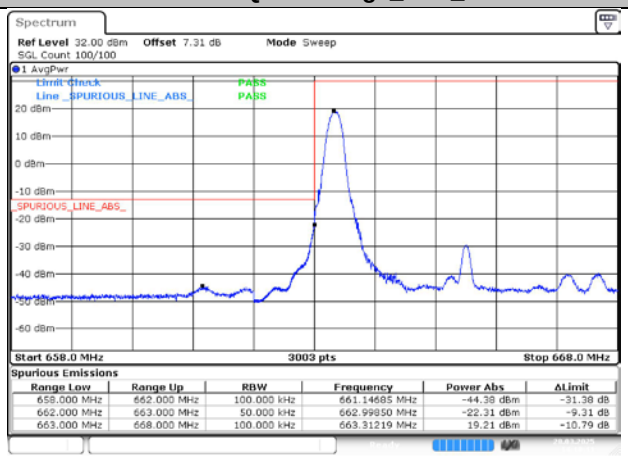
LCH / DFT-Pi2BPSK / Outer_Full



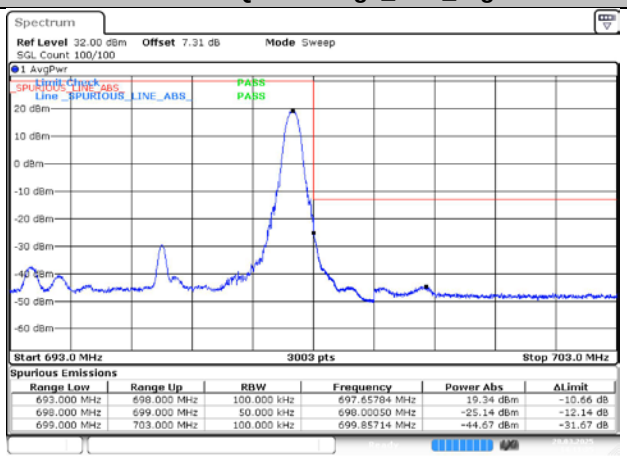
HCH / DFT-Pi2BPSK / Outer_Full



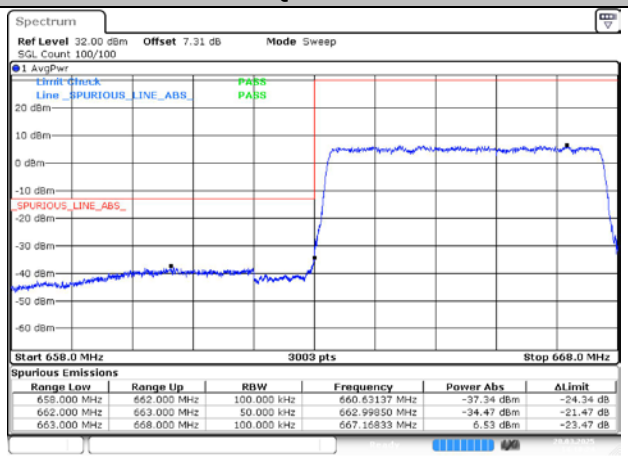
LCH / DFT-QPSK / Edge_1RB_Left



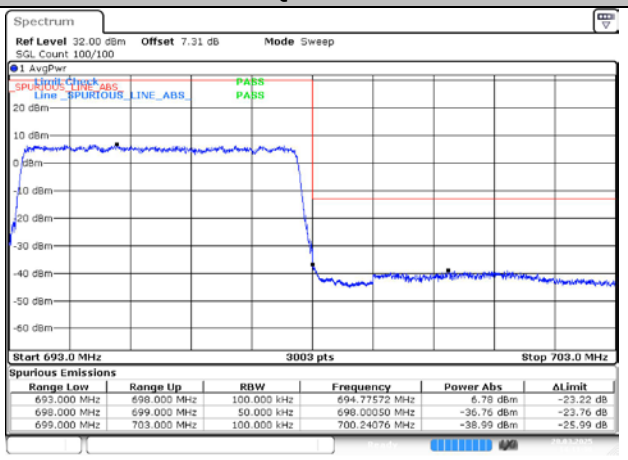
HCH / DFT-QPSK / Edge_1RB_Right



LCH / DFT-QPSK / Outer_Full

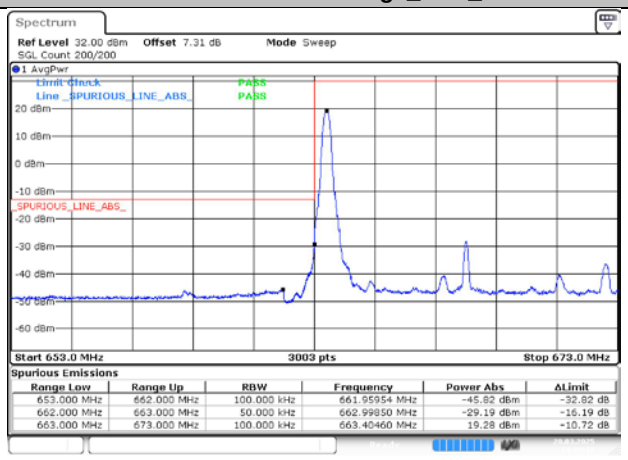


HCH / DFT-QPSK / Outer_Full

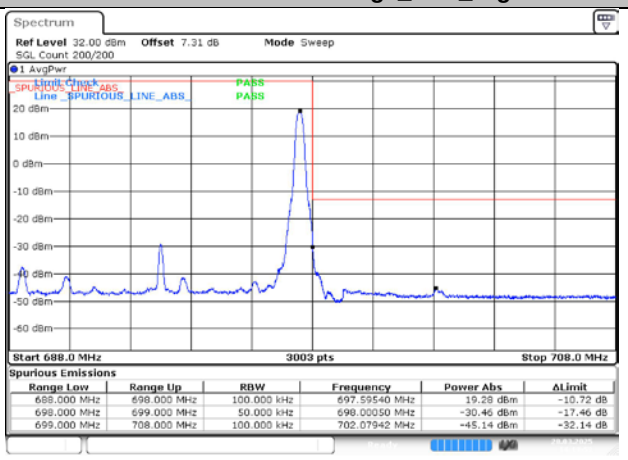


n71A / 15KHz / 10MHz

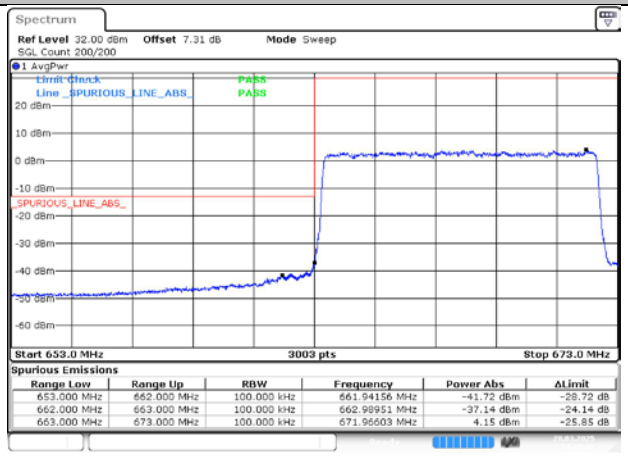
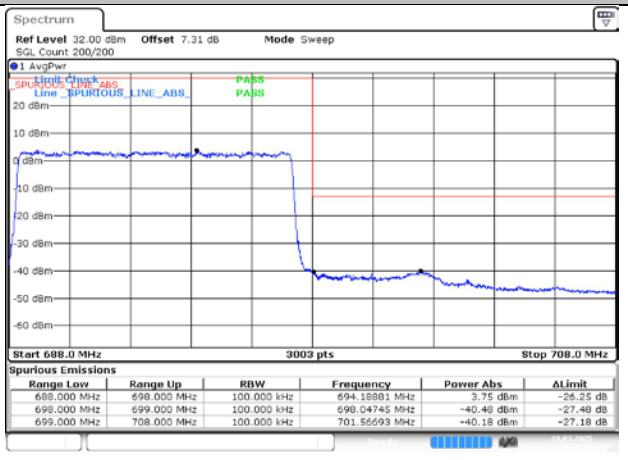
LCH / DFT-Pi2BPSK / Edge_1RB_Left



HCH / DFT-Pi2BPSK / Edge_1RB_Right



LCH / DFT-Pi2BPSK / Outer_Full



HCH / DFT-Pi2BPSK / Outer_Full