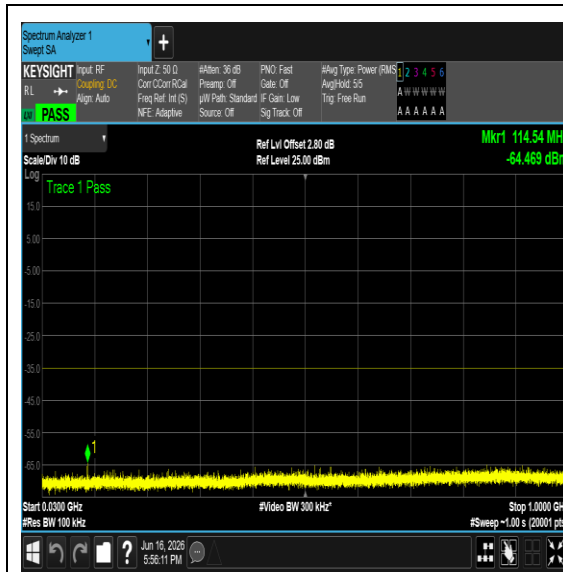
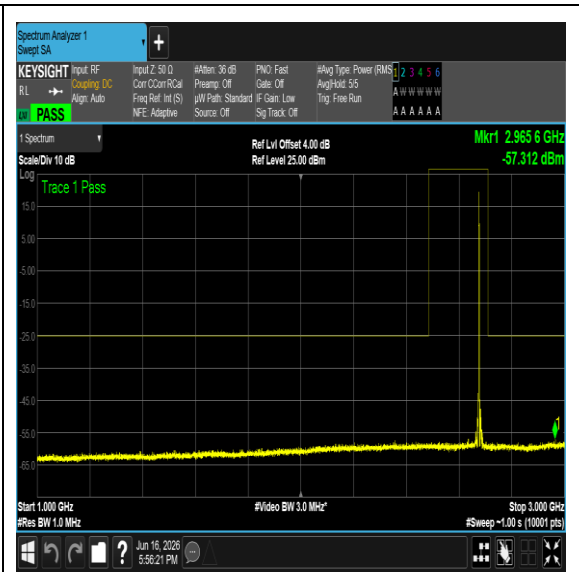
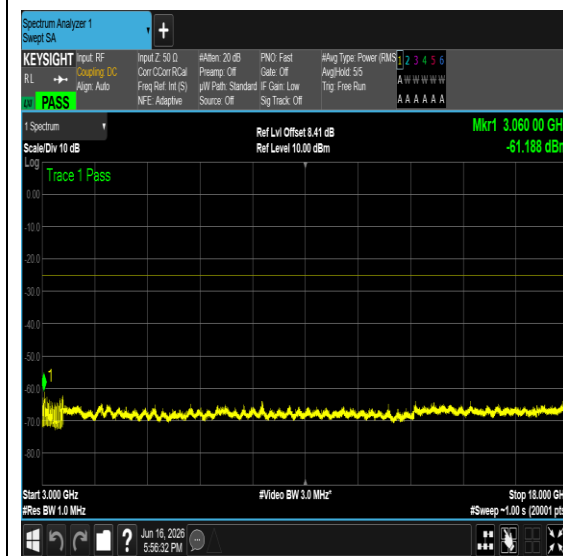




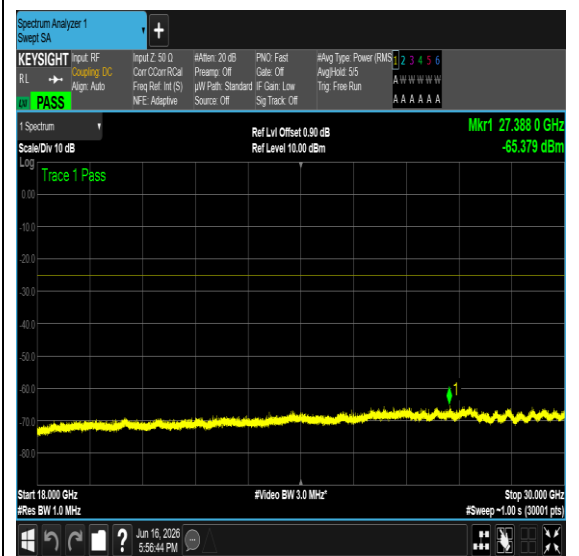
NTNV-n41-PC2-30-15-H-DFT-QPSK-
Edge_1RB_Left-3000-18000-PASS



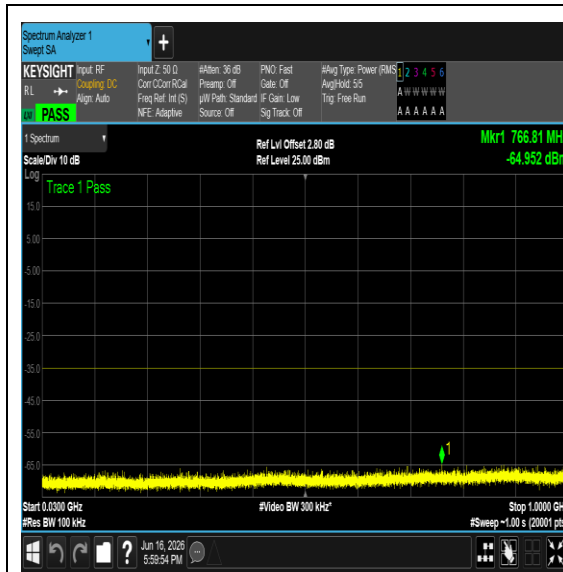
NTNV-n41-PC2-30-15-H-DFT-QPSK-
Edge_1RB_Left-18000-30000-PASS



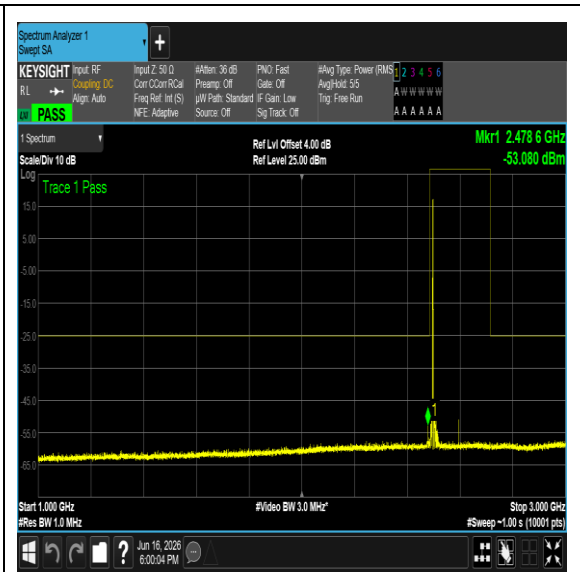
NTNV-n41-PC2-30-20-L-DFT-QPSK-
Edge_1RB_Left-30-1000-PASS



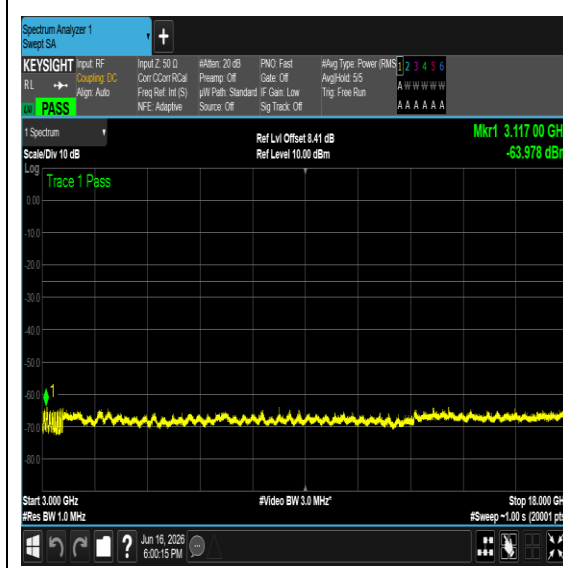
NTNV-n41-PC2-30-20-L-DFT-QPSK-
Edge_1RB_Left-1000-3000-PASS



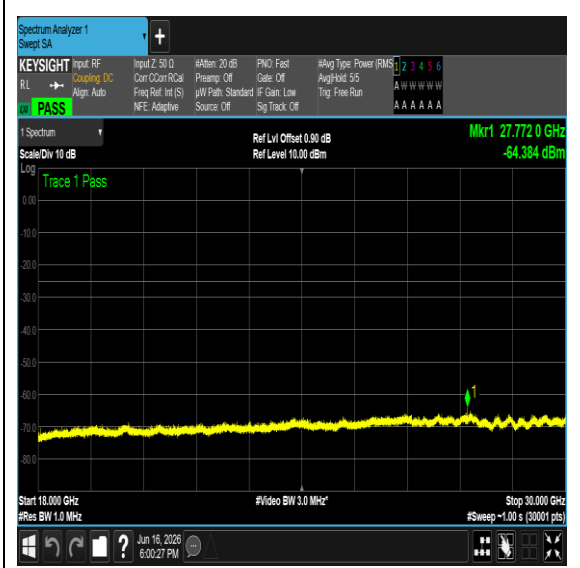
NTNV-n41-PC2-30-20-L-DFT-QPSK-
Edge_1RB_Left-3000-18000-PASS



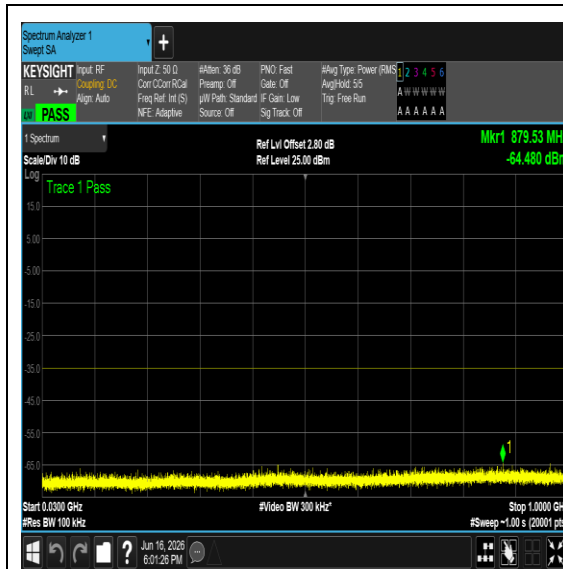
NTNV-n41-PC2-30-20-L-DFT-QPSK-
Edge_1RB_Left-18000-30000-PASS



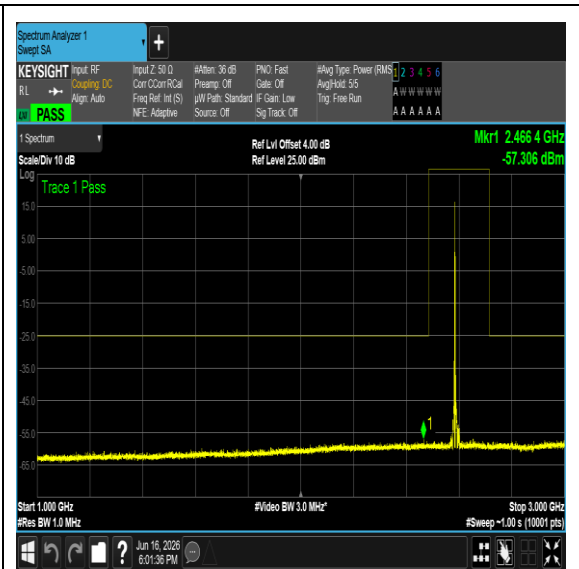
NTNV-n41-PC2-30-20-M-DFT-QPSK-
Edge_1RB_Left-30-1000-PASS



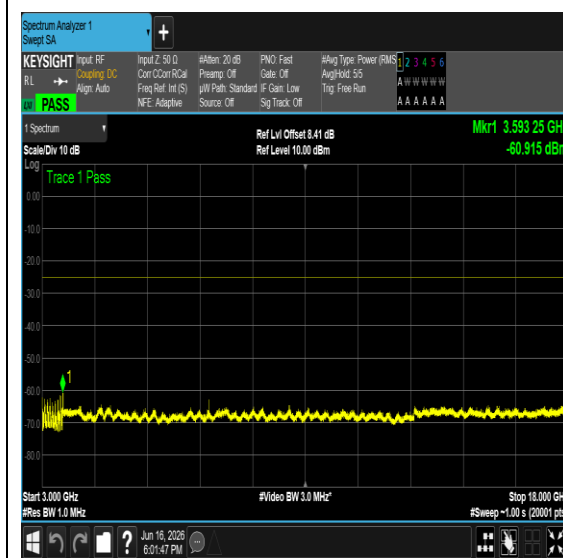
NTNV-n41-PC2-30-20-M-DFT-QPSK-
Edge_1RB_Left-1000-3000-PASS



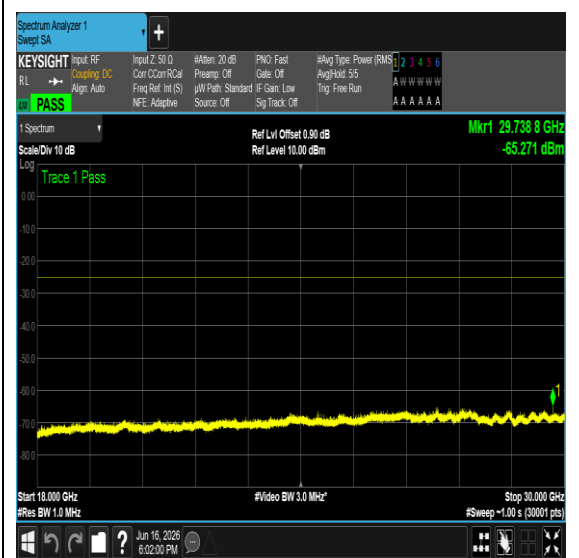
NTNV-n41-PC2-30-20-M-DFT-QPSK-
Edge_1RB_Left-3000-18000-PASS



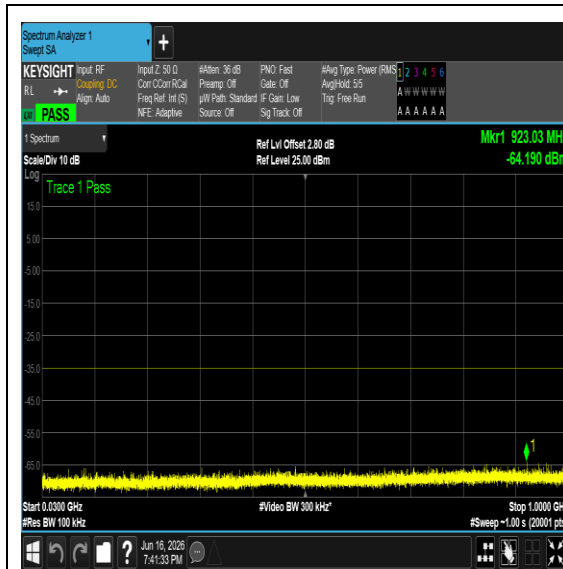
NTNV-n41-PC2-30-20-M-DFT-QPSK-
Edge_1RB_Left-18000-30000-PASS



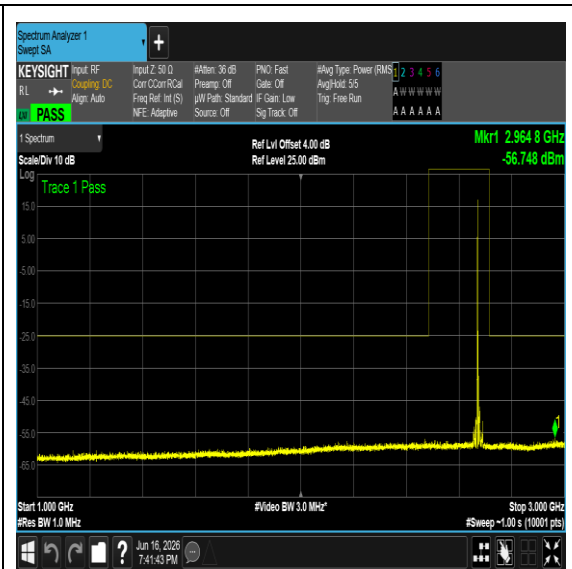
NTNV-n41-PC2-30-20-H-DFT-QPSK-
Edge_1RB_Left-30-1000-PASS



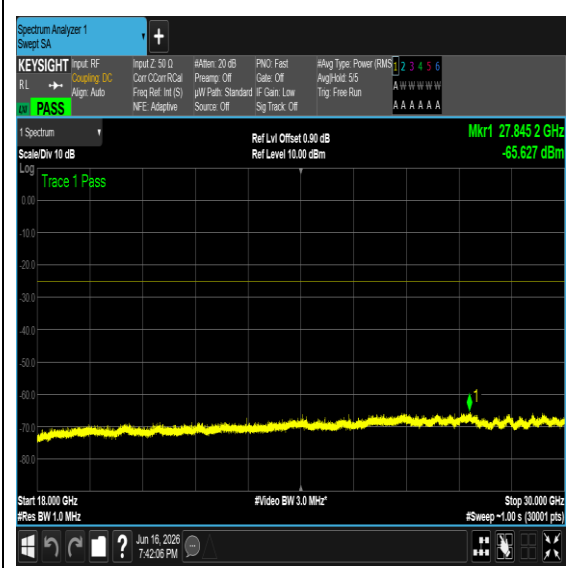
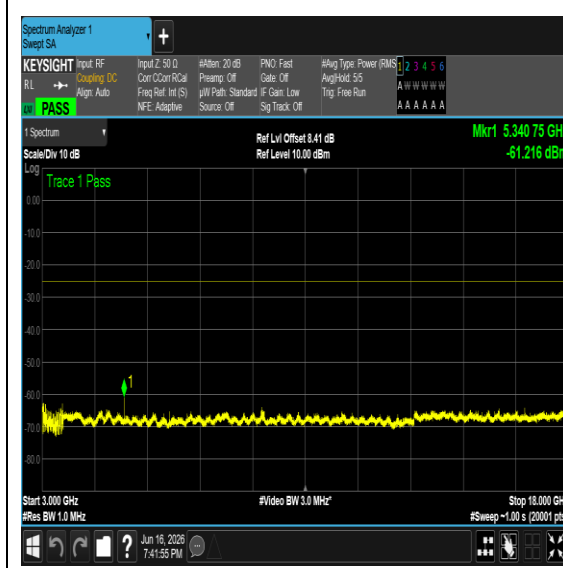
NTNV-n41-PC2-30-20-H-DFT-QPSK-
Edge_1RB_Left-1000-3000-PASS



NTNV-n41-PC2-30-20-H-DFT-QPSK-
Edge_1RB_Left-3000-18000-PASS



NTNV-n41-PC2-30-20-H-DFT-QPSK-
Edge_1RB_Left-18000-30000-PASS



Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Voltage (V)	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
n41	30	10	DFT-QPSK	L	Outer_Full	VL	NT	-4.317	-0.001726	PASS
n41	30	10	DFT-QPSK	L	Outer_Full	VN	NT	-0.503	-0.000201	PASS
n41	30	10	DFT-QPSK	L	Outer_Full	VH	NT	-12.968	-0.005185	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	VL	NT	-2.569	-0.000957	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	VN	NT	6.812	0.002537	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	VH	NT	-4.028	-0.0015	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Voltage	Temperature (°C)	Deviation(Hz)	Deviation (ppm)	Verdict
n41	30	10	DFT-QPSK	L	Outer_Full	NV	-30	-2.506	-0.001002	PASS
n41	30	10	DFT-QPSK	L	Outer_Full	NV	-20	-0.734	-0.000293	PASS
n41	30	10	DFT-QPSK	L	Outer_Full	NV	-10	-6.324	-0.002529	PASS
n41	30	10	DFT-QPSK	L	Outer_Full	NV	0	-2.782	-0.001112	PASS
n41	30	10	DFT-QPSK	L	Outer_Full	NV	10	-4.39	-0.001755	PASS
n41	30	10	DFT-QPSK	L	Outer_Full	NV	20	-7.204	-0.00288	PASS
n41	30	10	DFT-QPSK	L	Outer_Full	NV	30	-8.858	-0.003542	PASS
n41	30	10	DFT-QPSK	L	Outer_Full	NV	40	-6.553	-0.00262	PASS
n41	30	10	DFT-QPSK	L	Outer_Full	NV	50	-0.3	-0.00012	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	NV	-30	-1.476	-0.00055	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	NV	-20	-7.991	-0.002976	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	NV	-10	-4.124	-0.001536	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	NV	0	-10.474	-0.003901	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	NV	10	-14.123	-0.00526	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	NV	20	-1.989	-0.000741	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	NV	30	-8.742	-0.003256	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	NV	40	-6.875	-0.002561	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	NV	50	-4.24	-0.001579	PASS

FCC-SA N66

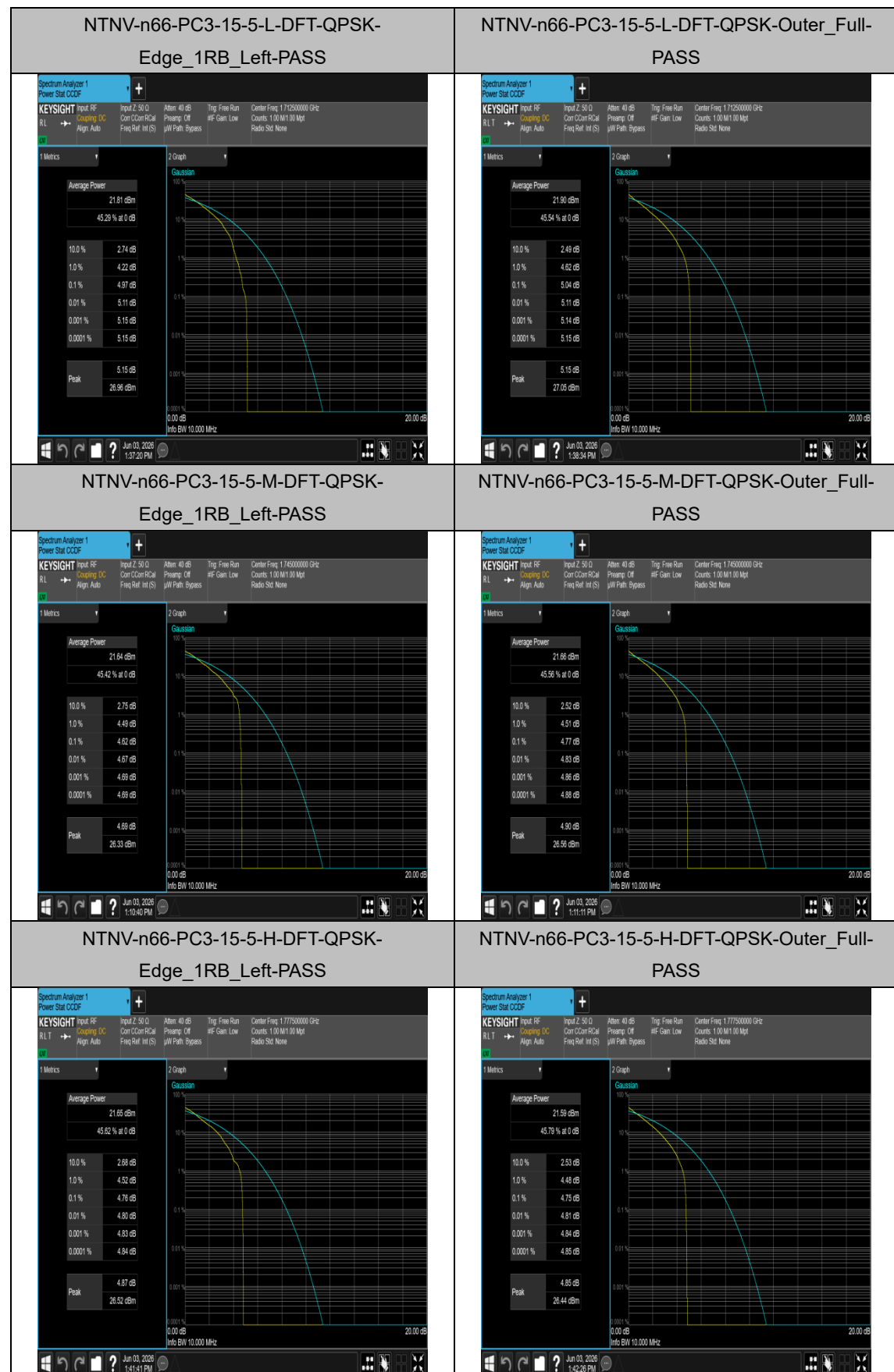
Peak-to-Average Ratio for SA

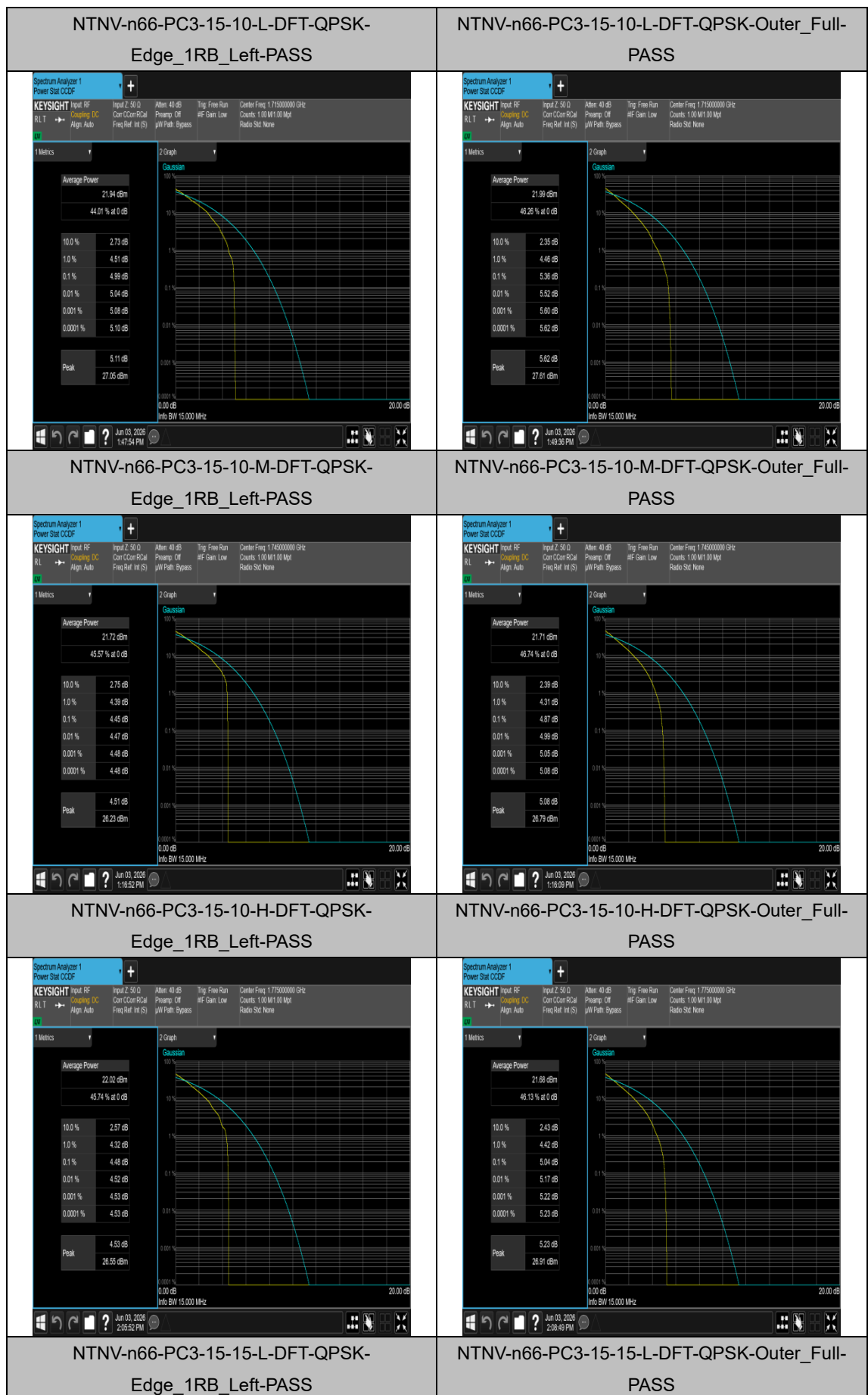
Peak-to-Average Ratio(CCDF)

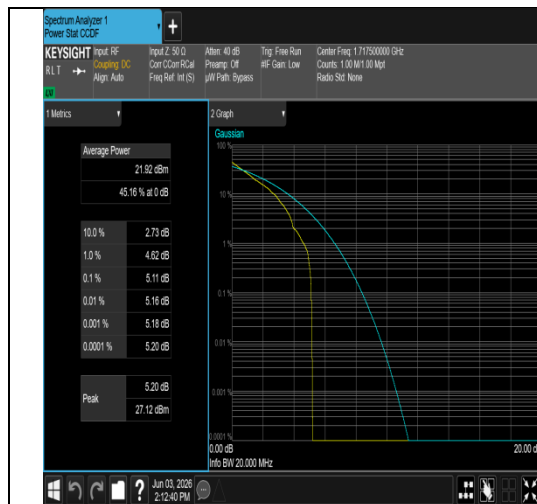
Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Result (dB)	Limit	Verdict
n66	15	5	DFT-QPSK	L	Edge_1RB_Left	4.97	≤13dB	PASS
n66	15	5	DFT-QPSK	L	Outer_Full	5.04	≤13dB	PASS
n66	15	5	DFT-QPSK	M	Edge_1RB_Left	4.62	≤13dB	PASS
n66	15	5	DFT-QPSK	M	Outer_Full	4.77	≤13dB	PASS
n66	15	5	DFT-QPSK	H	Edge_1RB_Left	4.76	≤13dB	PASS
n66	15	5	DFT-QPSK	H	Outer_Full	4.75	≤13dB	PASS
n66	15	10	DFT-QPSK	L	Edge_1RB_Left	4.99	≤13dB	PASS
n66	15	10	DFT-QPSK	L	Outer_Full	5.36	≤13dB	PASS
n66	15	10	DFT-QPSK	M	Edge_1RB_Left	4.45	≤13dB	PASS
n66	15	10	DFT-QPSK	M	Outer_Full	4.87	≤13dB	PASS
n66	15	10	DFT-QPSK	H	Edge_1RB_Left	4.48	≤13dB	PASS
n66	15	10	DFT-QPSK	H	Outer_Full	5.04	≤13dB	PASS
n66	15	15	DFT-QPSK	L	Edge_1RB_Left	5.11	≤13dB	PASS
n66	15	15	DFT-QPSK	L	Outer_Full	5.03	≤13dB	PASS
n66	15	15	DFT-QPSK	M	Edge_1RB_Left	5.23	≤13dB	PASS
n66	15	15	DFT-QPSK	M	Outer_Full	5	≤13dB	PASS
n66	15	15	DFT-QPSK	H	Edge_1RB_Left	5.4	≤13dB	PASS
n66	15	15	DFT-QPSK	H	Outer_Full	4.68	≤13dB	PASS
n66	15	20	DFT-QPSK	L	Edge_1RB_Left	3.93	≤13dB	PASS
n66	15	20	DFT-QPSK	L	Outer_Full	4.81	≤13dB	PASS
n66	15	20	DFT-QPSK	M	Edge_1RB_Left	4.42	≤13dB	PASS
n66	15	20	DFT-QPSK	M	Outer_Full	4.68	≤13dB	PASS
n66	15	20	DFT-QPSK	H	Edge_1RB_Left	4.47	≤13dB	PASS
n66	15	20	DFT-QPSK	H	Outer_Full	5.36	≤13dB	PASS

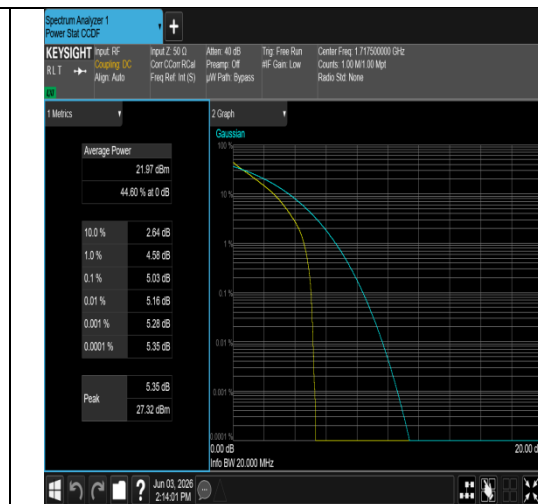
Test Graphs



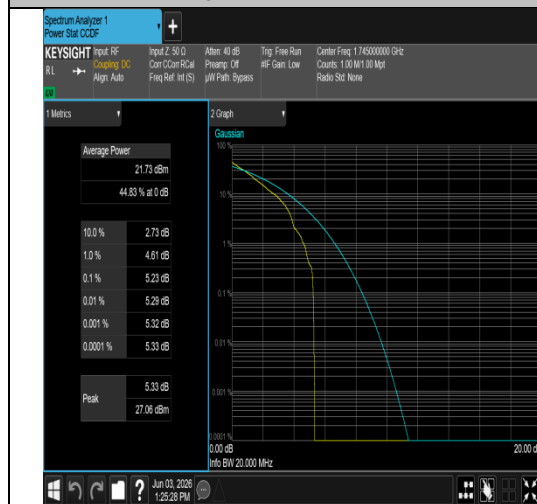




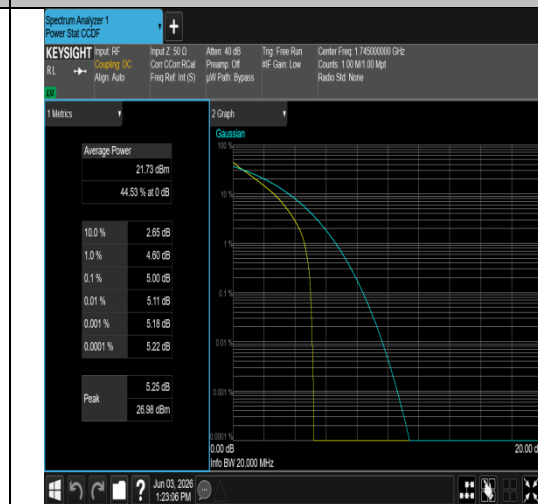
NTNV-n66-PC3-15-15-M-DFT-QPSK-
Edge_1RB_Left-PASS



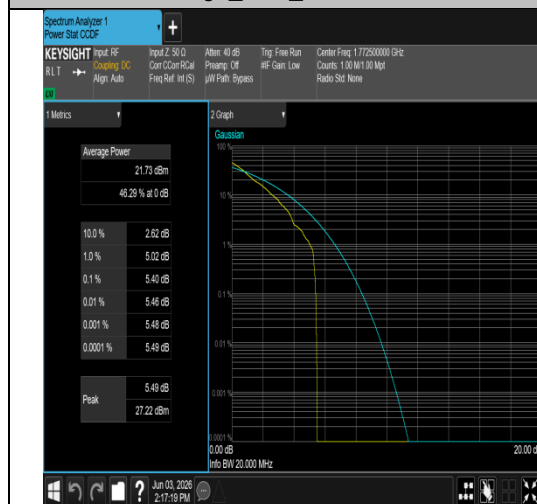
NTNV-n66-PC3-15-15-M-DFT-QPSK-Outer_Full-
PASS



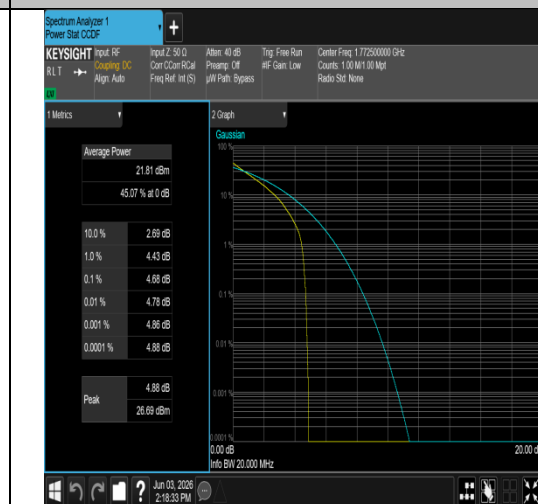
NTNV-n66-PC3-15-15-H-DFT-QPSK-
Edge_1RB_Left-PASS



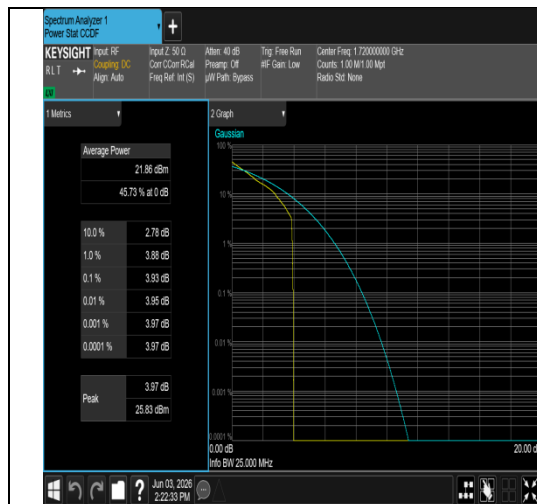
NTNV-n66-PC3-15-15-H-DFT-QPSK-Outer_Full-
PASS



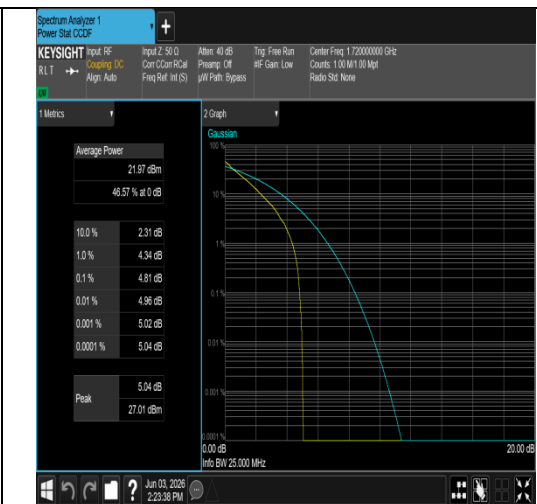
NTNV-n66-PC3-15-20-L-DFT-QPSK-
Edge_1RB_Left-PASS



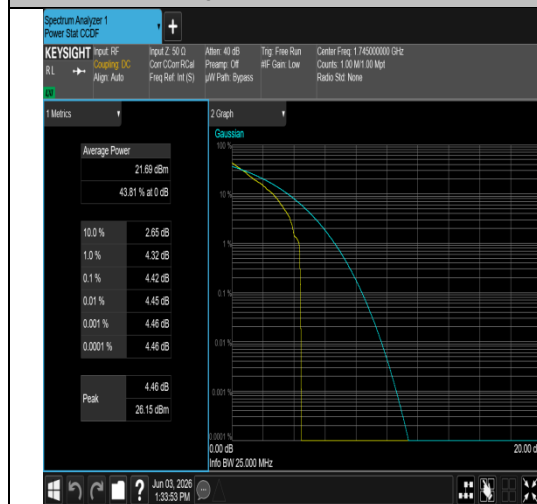
NTNV-n66-PC3-15-20-L-DFT-QPSK-Outer_Full-
PASS



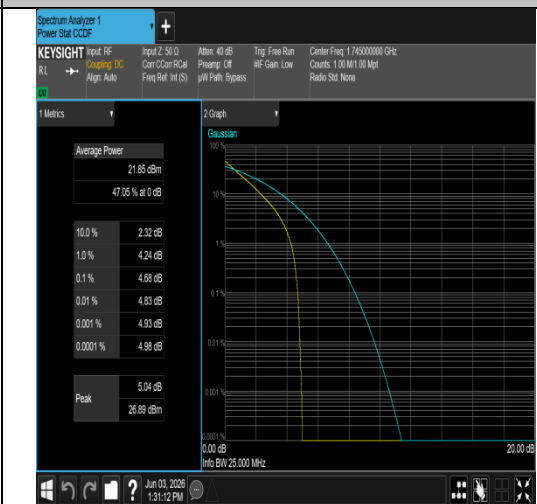
NTVN-n66-PC3-15-20-M-DFT-QPSK-Edge_1RB_Left-PASS



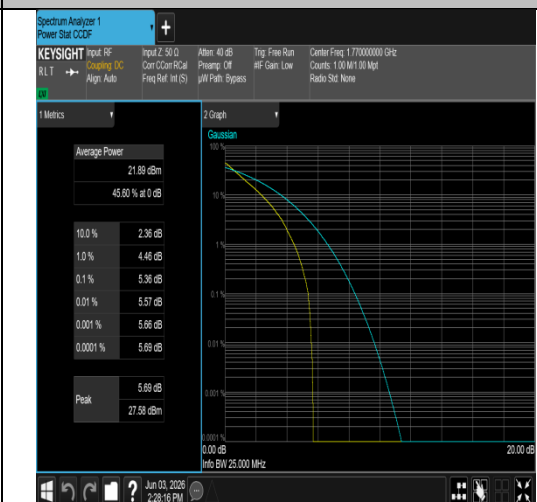
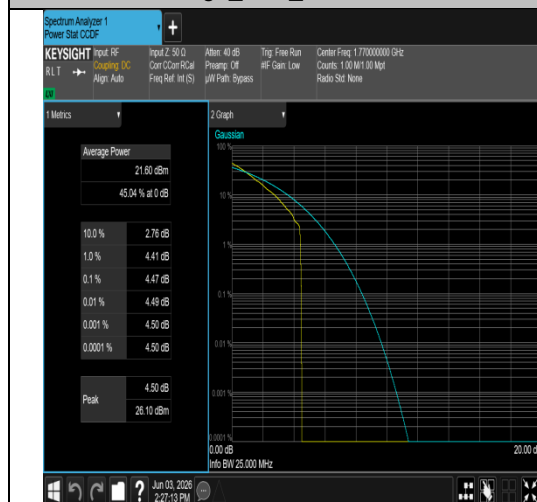
NTVN-n66-PC3-15-20-M-DFT-QPSK-Outer_Full-PASS



NTVN-n66-PC3-15-20-H-DFT-QPSK-Edge_1RB_Left-PASS



NTVN-n66-PC3-15-20-H-DFT-QPSK-Outer_Full-PASS

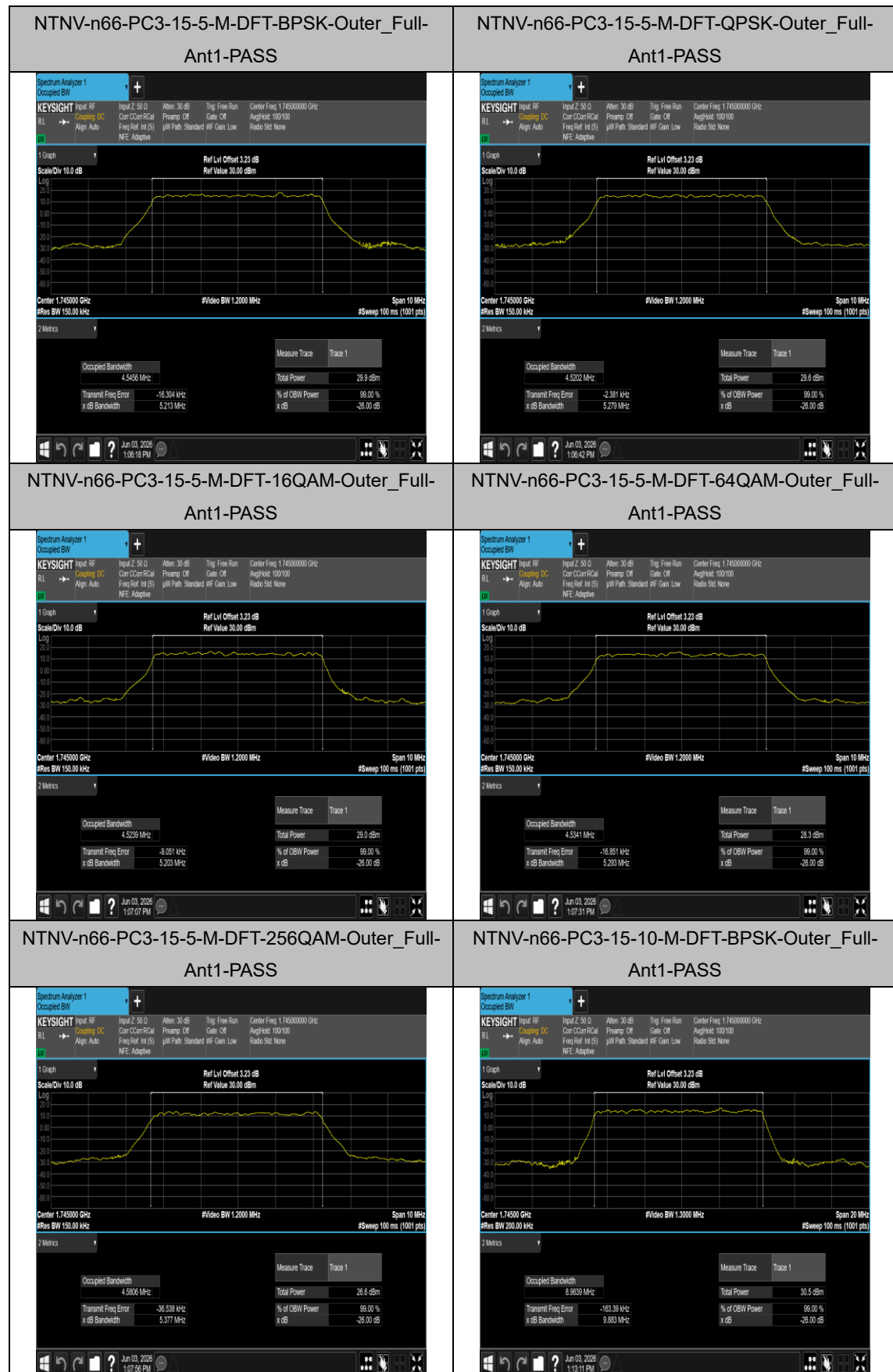


26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	OBW (MHz)	EBW (MHz)	Verdict
n66	15	5	DFT-BPSK	M	Outer_Full	4.5456	5.213	PASS
n66	15	5	DFT-QPSK	M	Outer_Full	4.5202	5.279	PASS
n66	15	5	DFT-16QAM	M	Outer_Full	4.5239	5.203	PASS
n66	15	5	DFT-64QAM	M	Outer_Full	4.5341	5.293	PASS
n66	15	5	DFT-256QAM	M	Outer_Full	4.5806	5.377	PASS
n66	15	10	DFT-BPSK	M	Outer_Full	8.9839	9.883	PASS
n66	15	10	DFT-QPSK	M	Outer_Full	8.9607	9.967	PASS
n66	15	10	DFT-16QAM	M	Outer_Full	8.9897	9.802	PASS
n66	15	10	DFT-64QAM	M	Outer_Full	8.9638	9.782	PASS
n66	15	10	DFT-256QAM	M	Outer_Full	8.9884	9.852	PASS
n66	15	15	DFT-BPSK	M	Outer_Full	13.434	14.27	PASS
n66	15	15	DFT-QPSK	M	Outer_Full	13.437	14.27	PASS
n66	15	15	DFT-16QAM	M	Outer_Full	13.412	14.43	PASS
n66	15	15	DFT-64QAM	M	Outer_Full	13.439	14.49	PASS
n66	15	15	DFT-256QAM	M	Outer_Full	13.431	14.32	PASS
n66	15	20	DFT-BPSK	M	Outer_Full	17.919	19.08	PASS
n66	15	20	DFT-QPSK	M	Outer_Full	17.918	19.12	PASS
n66	15	20	DFT-16QAM	M	Outer_Full	17.913	18.98	PASS
n66	15	20	DFT-64QAM	M	Outer_Full	17.875	19.01	PASS
n66	15	20	DFT-256QAM	M	Outer_Full	17.854	19.10	PASS

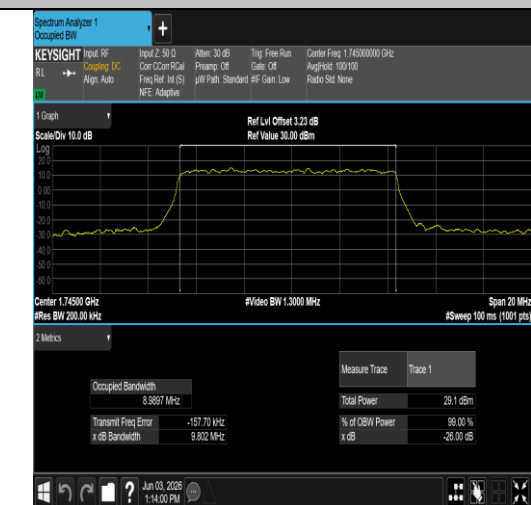
Test Graphs



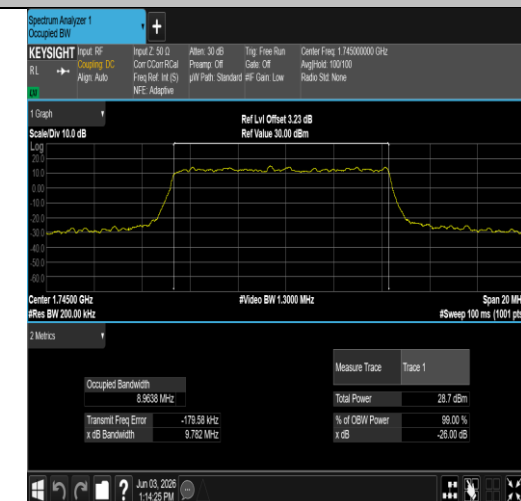
NTNV-n66-PC3-15-10-M-DFT-QPSK-Outet_Full-Ant1-PASS



NTNV-n66-PC3-15-10-M-DFT-16QAM-Outet_Full-Ant1-PASS



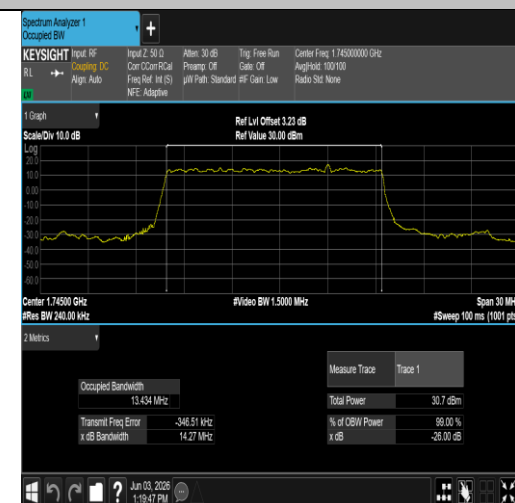
NTNV-n66-PC3-15-10-M-DFT-64QAM-Outet_Full-Ant1-PASS



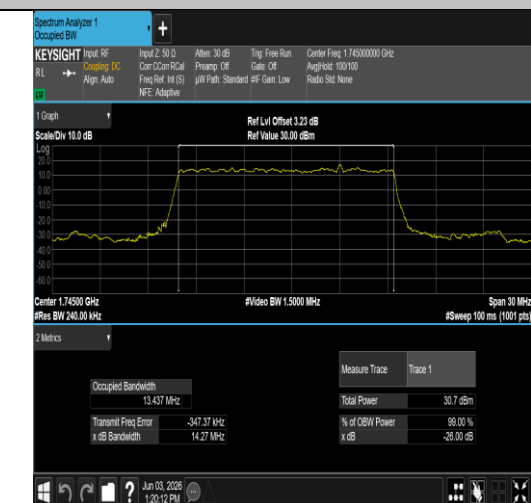
NTNV-n66-PC3-15-10-M-DFT-256QAM-Outet_Full-Ant1-PASS



NTNV-n66-PC3-15-15-M-DFT-BPSK-Outet_Full-Ant1-PASS

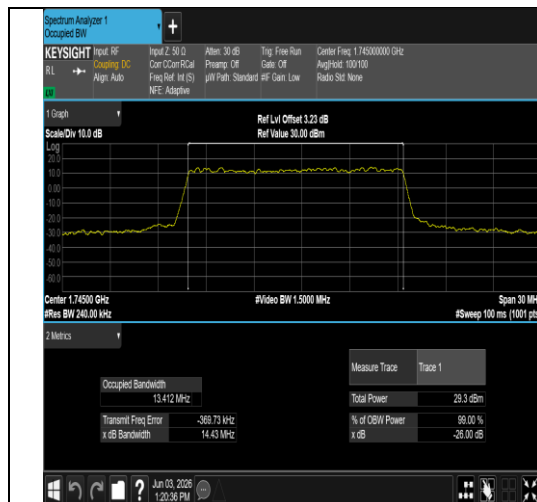


NTNV-n66-PC3-15-15-M-DFT-QPSK-Outet_Full-Ant1-PASS

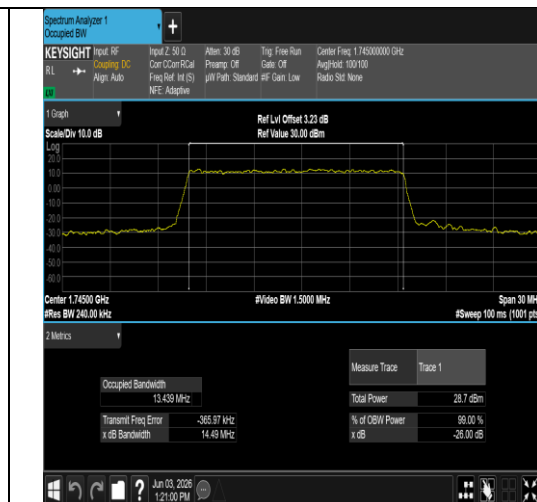


NTNV-n66-PC3-15-15-M-DFT-16QAM-Outet_Full-Ant1-PASS

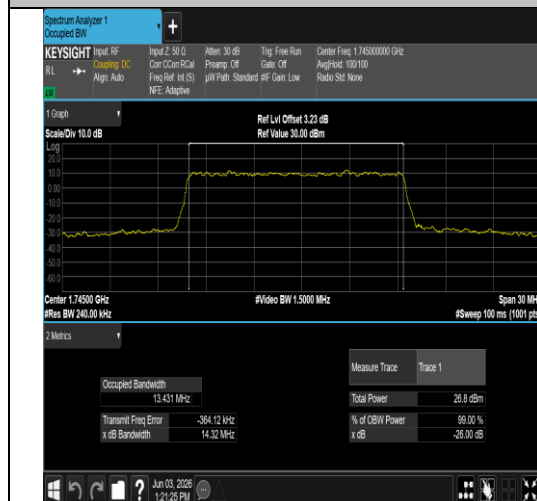
NTNV-n66-PC3-15-15-M-DFT-64QAM-Outet_Full-Ant1-PASS



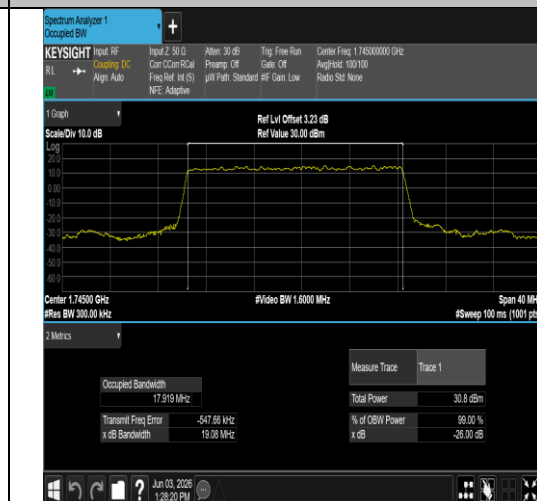
NTNV-n66-PC3-15-15-M-DFT-256QAM-Outer_Full-Ant1-PASS



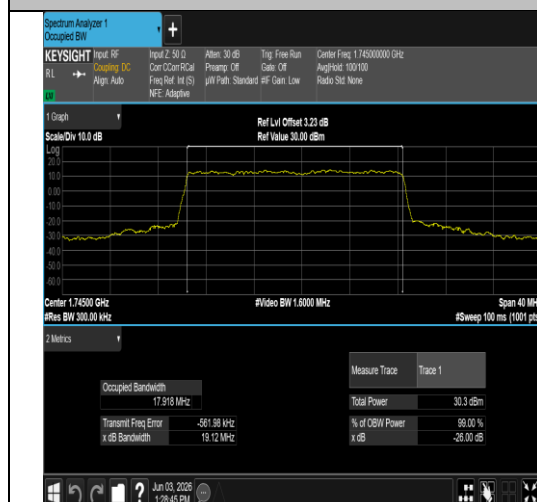
NTNV-n66-PC3-15-20-M-DFT-BPSK-Outer_Full-Ant1-PASS



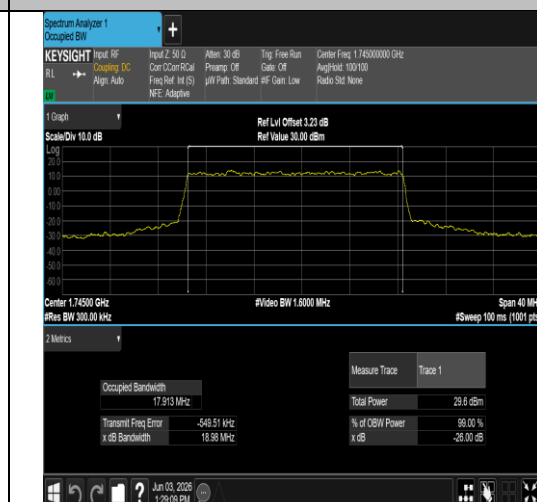
NTNV-n66-PC3-15-20-M-DFT-QPSK-Outer_Full-Ant1-PASS



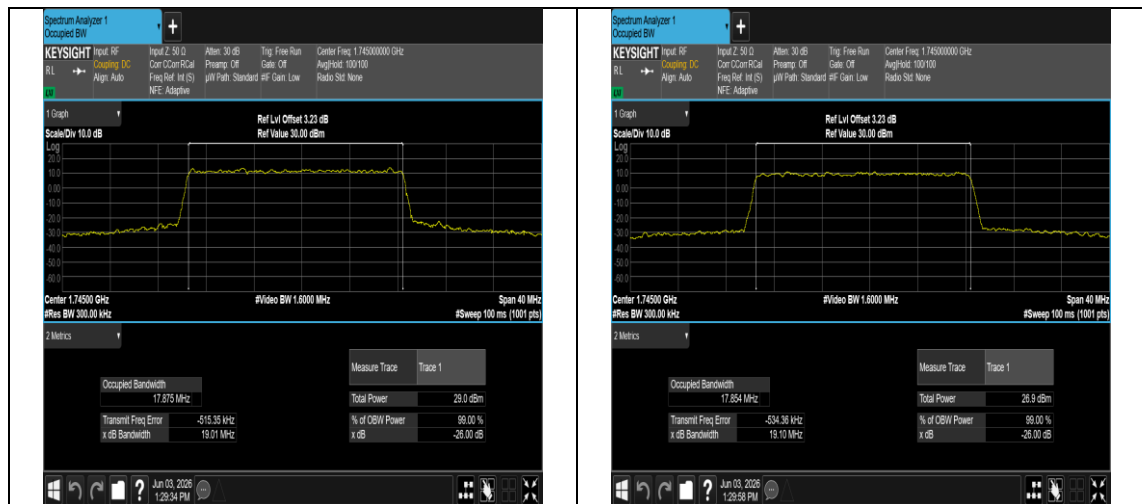
NTNV-n66-PC3-15-20-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-n66-PC3-15-20-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-n66-PC3-15-20-M-DFT-256QAM-Outer_Full-Ant1-PASS

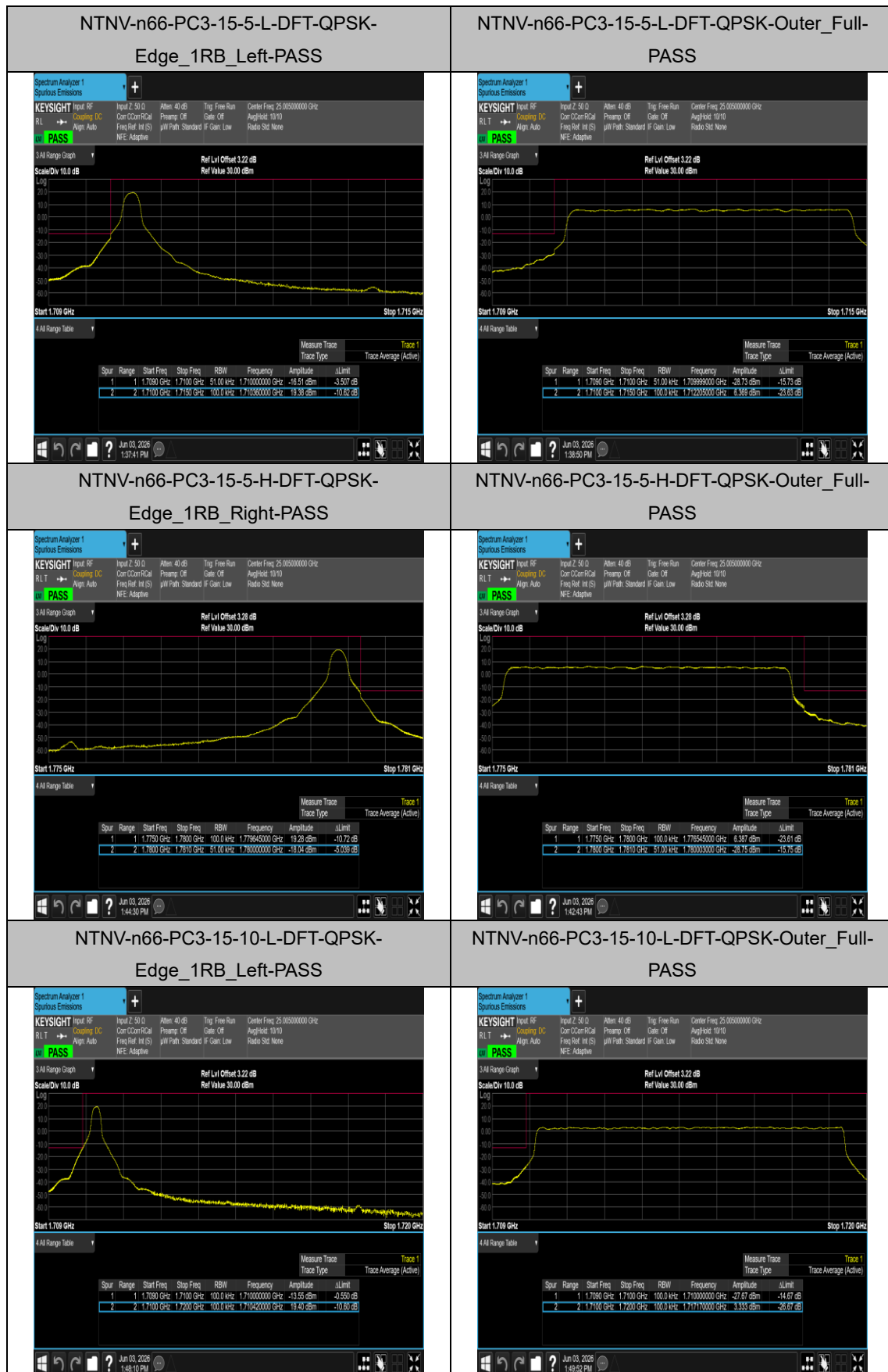


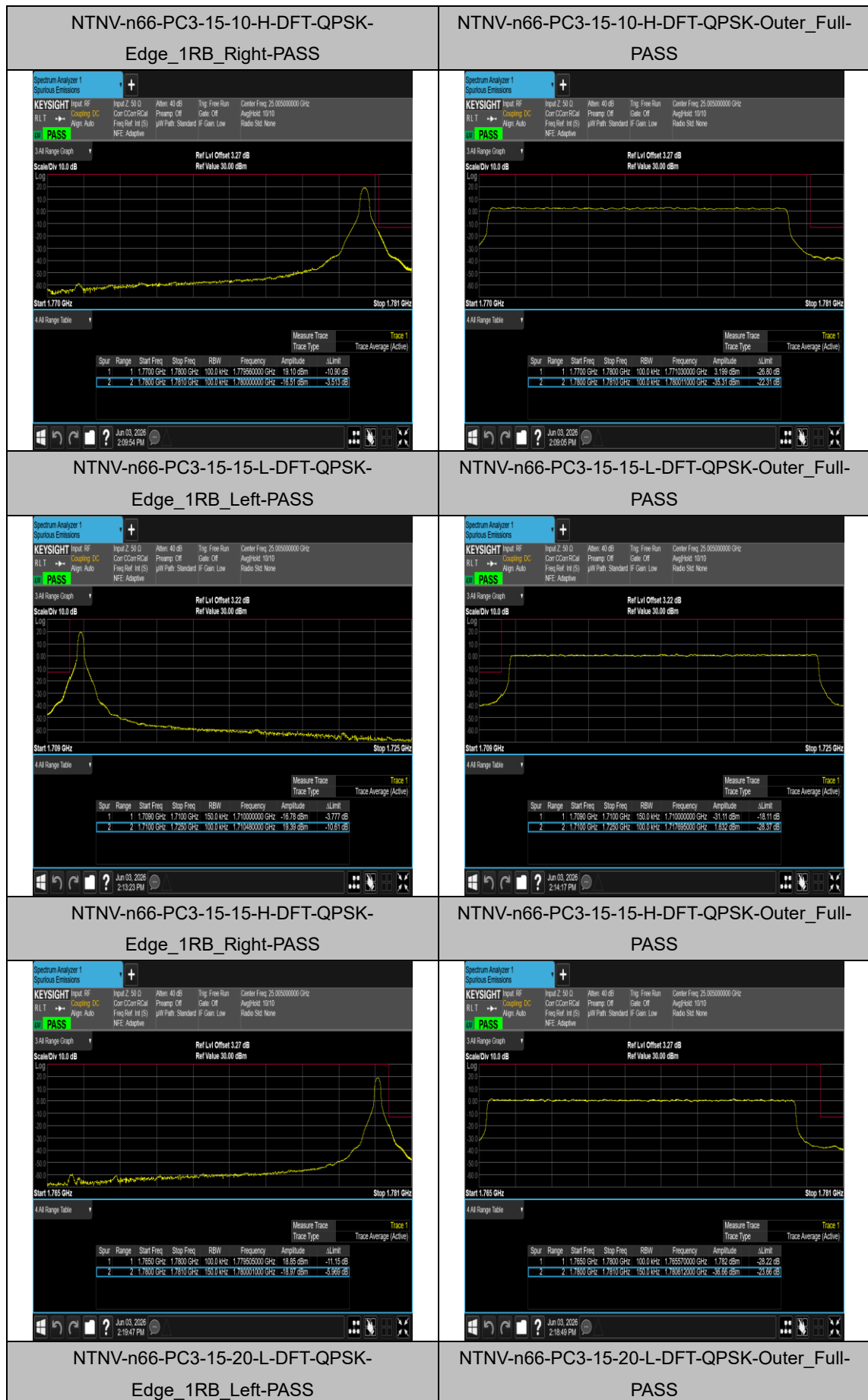
Band Edge for SA

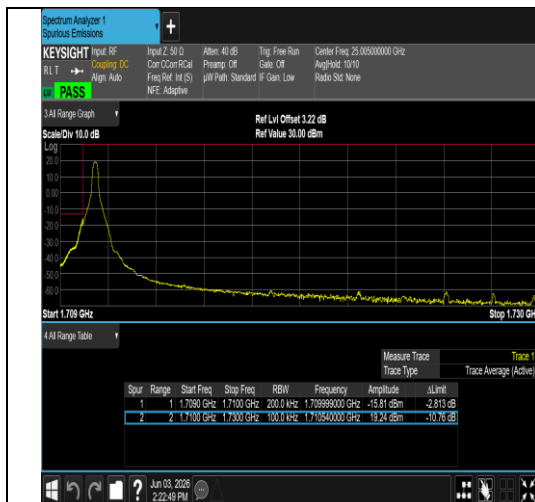
Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Result (dBm)	Verdict
n66	15	5	DFT-QPSK	L	Edge_1RB_Left	-16.51	PASS
n66	15	5	DFT-QPSK	L	Outer_Full	-28.73	PASS
n66	15	5	DFT-QPSK	H	Edge_1RB_Right	-18.04	PASS
n66	15	5	DFT-QPSK	H	Outer_Full	-28.75	PASS
n66	15	10	DFT-QPSK	L	Edge_1RB_Left	-13.55	PASS
n66	15	10	DFT-QPSK	L	Outer_Full	-27.67	PASS
n66	15	10	DFT-QPSK	H	Edge_1RB_Right	-16.51	PASS
n66	15	10	DFT-QPSK	H	Outer_Full	-35.31	PASS
n66	15	15	DFT-QPSK	L	Edge_1RB_Left	-16.78	PASS
n66	15	15	DFT-QPSK	L	Outer_Full	-31.11	PASS
n66	15	15	DFT-QPSK	H	Edge_1RB_Right	-18.97	PASS
n66	15	15	DFT-QPSK	H	Outer_Full	-36.66	PASS
n66	15	20	DFT-QPSK	L	Edge_1RB_Left	-15.81	PASS
n66	15	20	DFT-QPSK	L	Outer_Full	-32.98	PASS
n66	15	20	DFT-QPSK	H	Edge_1RB_Right	-20.85	PASS
n66	15	20	DFT-QPSK	H	Outer_Full	-36.17	PASS

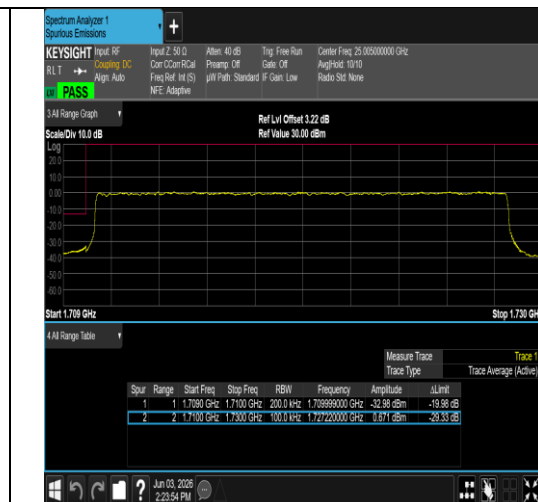
Test Graphs



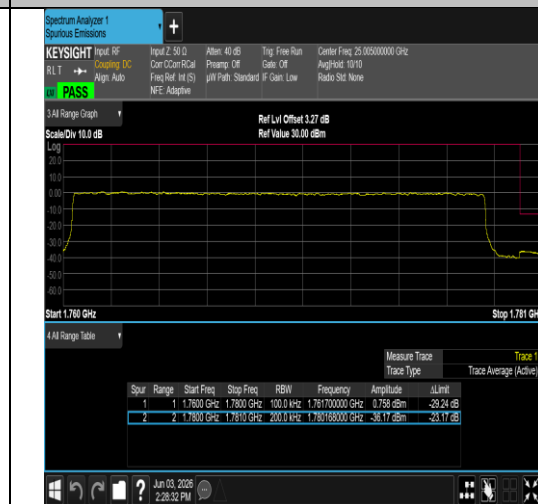
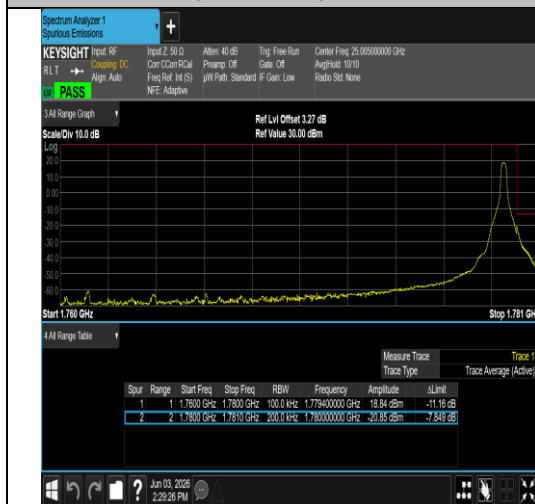




NTNV-n66-PC3-15-20-H-DFT-QPSK-Edge_1RB_Right-PASS



NTNV-n66-PC3-15-20-H-DFT-QPSK-Outer_Full-PASS



Conducted Spurious Emission for SA

Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit	Verdict
n66	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-64.31	≤-23dBm	PASS
n66	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-28.62	≤-13dBm	PASS
n66	15	5	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-38.27	≤-13dBm	PASS
n66	15	5	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-69.71	≤-13dBm	PASS
n66	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-64.22	≤-23dBm	PASS
n66	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-56.44	≤-13dBm	PASS
n66	15	5	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-37.90	≤-13dBm	PASS
n66	15	5	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-69.62	≤-13dBm	PASS
n66	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-64.79	≤-23dBm	PASS
n66	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-53.31	≤-13dBm	PASS
n66	15	5	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-38.00	≤-13dBm	PASS
n66	15	5	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-69.70	≤-13dBm	PASS
n66	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-64.56	≤-23dBm	PASS
n66	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-33.37	≤-13dBm	PASS
n66	15	10	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-37.18	≤-13dBm	PASS
n66	15	10	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-69.76	≤-13dBm	PASS
n66	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-64.72	≤-23dBm	PASS
n66	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-56.99	≤-13dBm	PASS
n66	15	10	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-37.66	≤-13dBm	PASS
n66	15	10	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-70.12	≤-13dBm	PASS
n66	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-64.63	≤-23dBm	PASS
n66	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-26.35	≤-13dBm	PASS
n66	15	10	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-36.69	≤-13dBm	PASS
n66	15	10	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-69.93	≤-13dBm	PASS
n66	15	15	DFT-QPSK	L	Edge_1RB_Left	30	1000	-62.86	≤-23dBm	PASS
n66	15	15	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-37.48	≤-13dBm	PASS
n66	15	15	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-37.77	≤-13dBm	PASS
n66	15	15	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-69.29	≤-13dBm	PASS
n66	15	15	DFT-QPSK	M	Edge_1RB_Left	30	1000	-65.23	≤-23dBm	PASS
n66	15	15	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-57.12	≤-13dBm	PASS
n66	15	15	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-37.58	≤-13dBm	PASS
n66	15	15	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-69.70	≤-13dBm	PASS
n66	15	15	DFT-QPSK	H	Edge_1RB_Left	30	1000	-64.92	≤-23dBm	PASS
n66	15	15	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-57.70	≤-13dBm	PASS
n66	15	15	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-37.68	≤-13dBm	PASS
n66	15	15	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-66.21	≤-13dBm	PASS

n66	15	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-65.08	≤-23dBm	PASS
n66	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-38.71	≤-13dBm	PASS
n66	15	20	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-37.28	≤-13dBm	PASS
n66	15	20	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-68.93	≤-13dBm	PASS
n66	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-64.96	≤-23dBm	PASS
n66	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-56.16	≤-13dBm	PASS
n66	15	20	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-38.29	≤-13dBm	PASS
n66	15	20	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-69.70	≤-13dBm	PASS
n66	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-64.48	≤-23dBm	PASS
n66	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-57.36	≤-13dBm	PASS
n66	15	20	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-38.06	≤-13dBm	PASS
n66	15	20	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-69.82	≤-13dBm	PASS

Test Graphs

