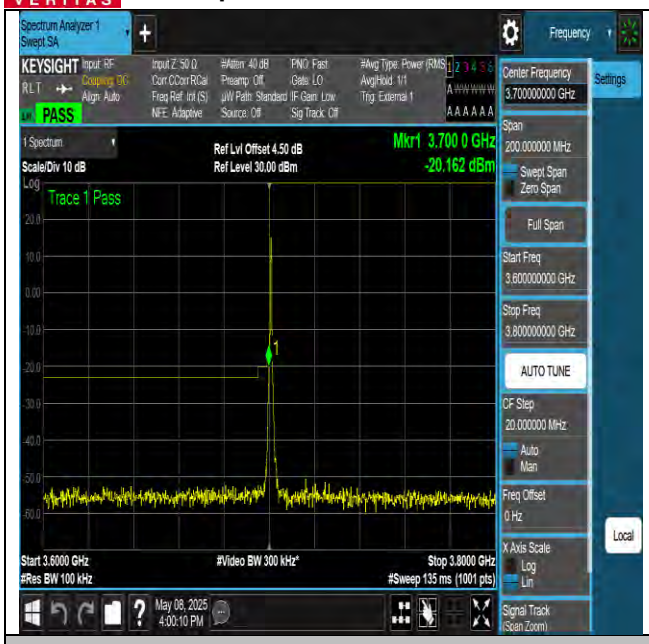
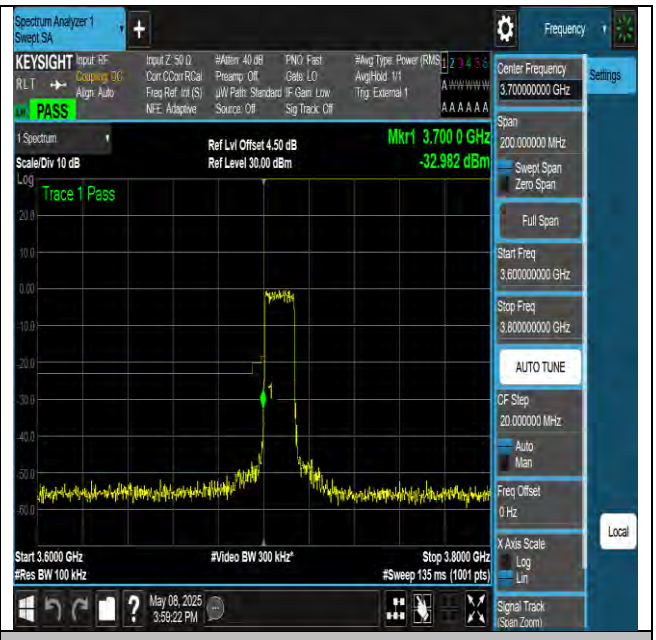
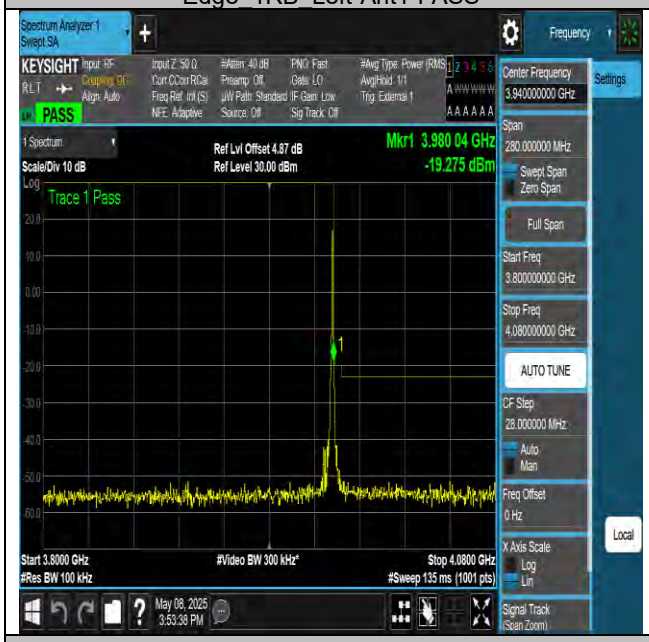


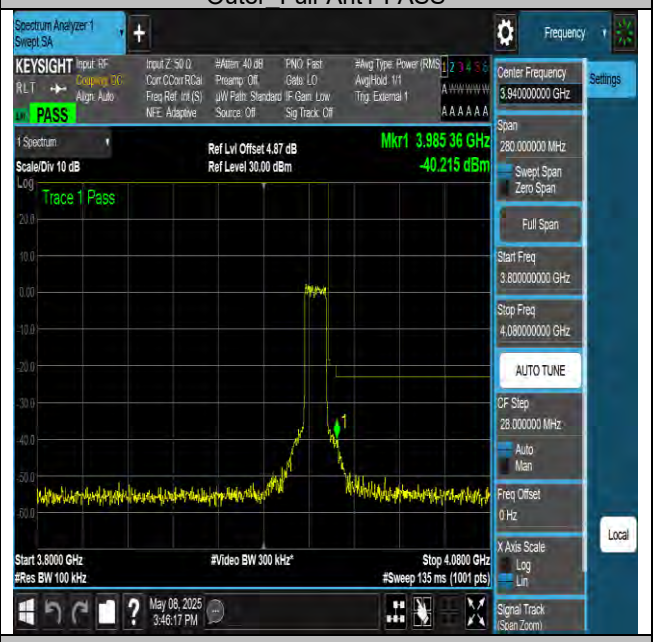
NTNV-N77-3700-3980-PC3-30-15-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



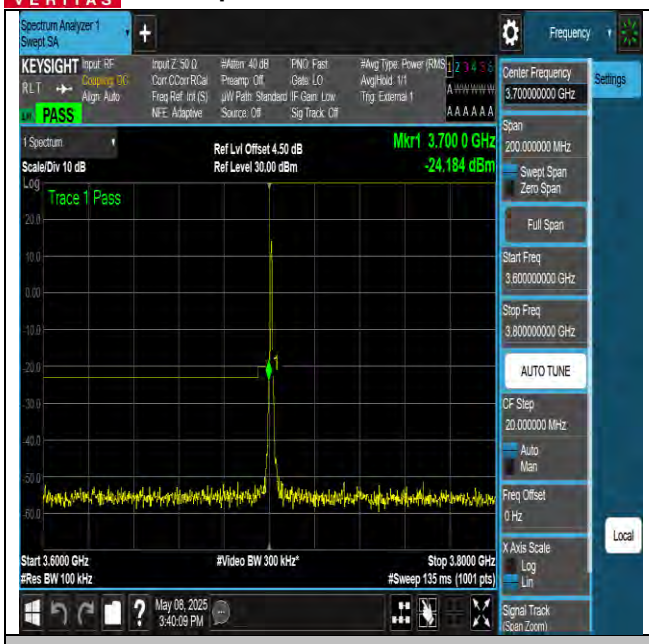
NTNV-N77-3700-3980-PC3-30-15-L-DFT-QPSK-Outer_Full-Ant1-PASS



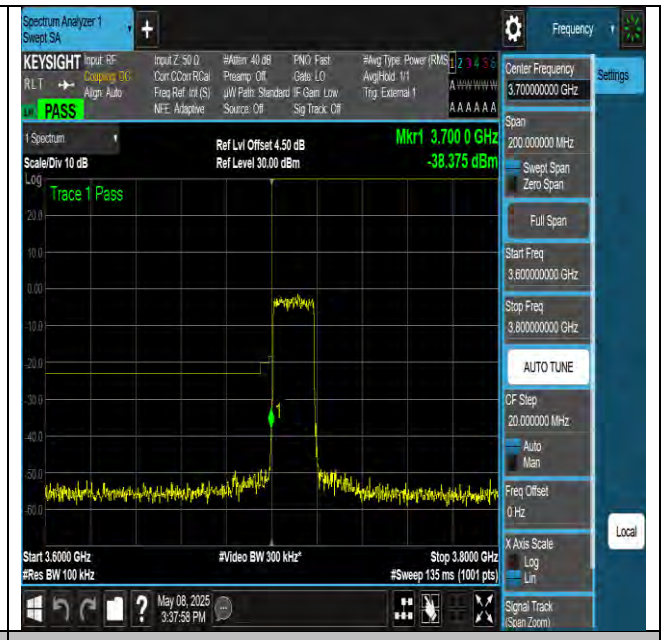
NTNV-N77-3700-3980-PC3-30-15-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



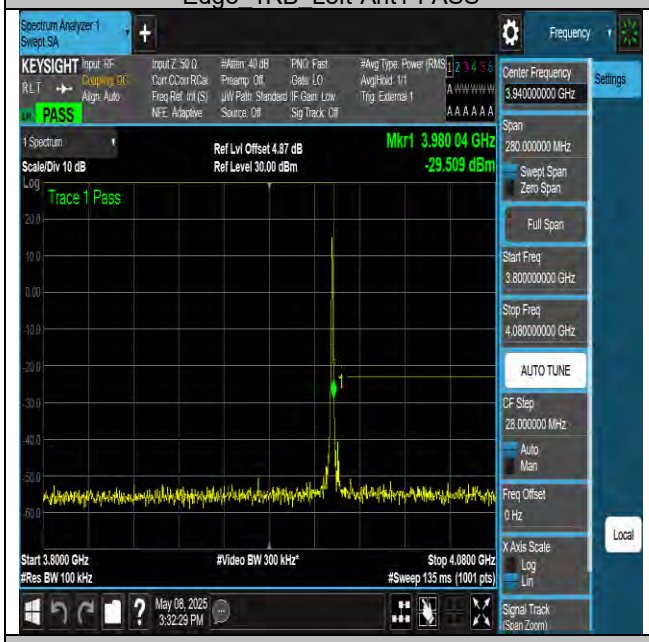
NTNV-N77-3700-3980-PC3-30-15-H-DFT-QPSK-Outer_Full-Ant1-PASS



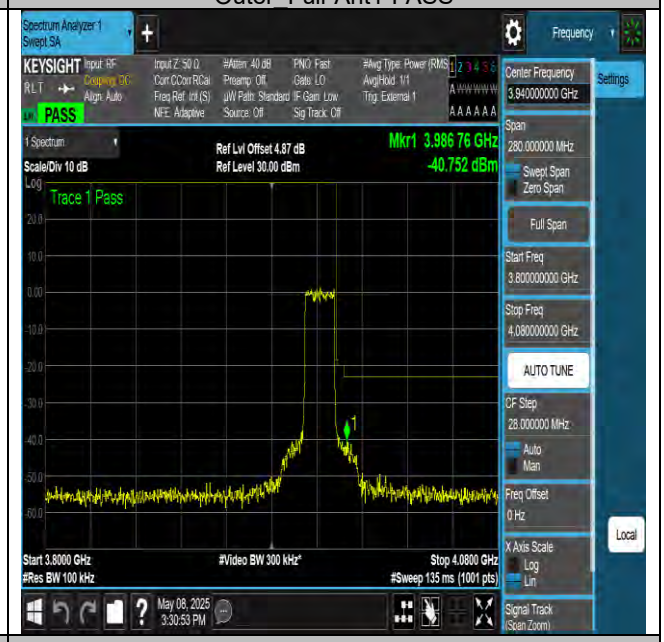
NTNV-N77-3700-3980-PC3-30-20-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-20-L-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-20-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-20-H-DFT-QPSK-Outer_Full-Ant1-PASS

CONDUCTED SPURIOUS EMISSION FOR SA

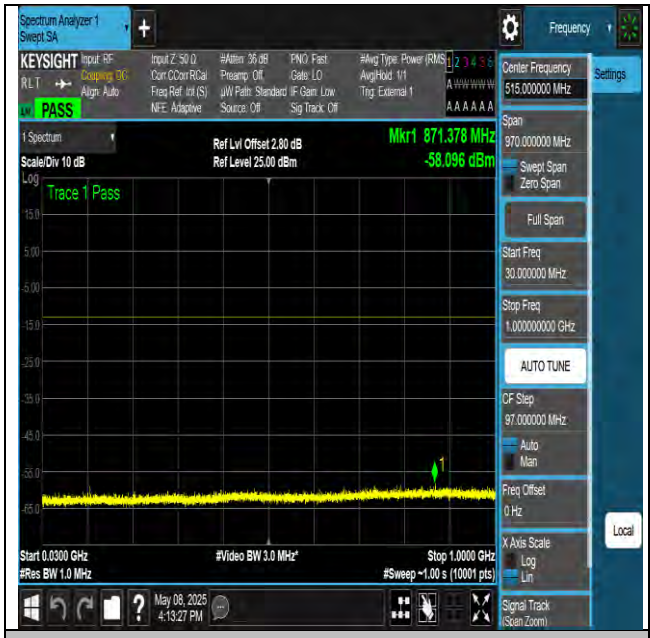
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N77-3700-3980	30	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-58.10	-13	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-42.04	-13	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Edge_1RB_Left	10000	20000	-56.59	-13	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Edge_1RB_Left	20000	40000	-54.04	-13	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-58.67	-13	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-45.65	-13	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Edge_1RB_Left	10000	20000	-56.80	-13	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Edge_1RB_Left	20000	40000	-53.72	-13	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-58.52	-13	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-39.87	-13	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Edge_1RB_Left	10000	20000	-57.84	-13	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Edge_1RB_Left	20000	40000	-53.46	-13	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Edge_1RB_Left	30	1000	-58.73	-13	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-38.85	-13	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Edge_1RB_Left	10000	20000	-57.46	-13	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Edge_1RB_Left	20000	40000	-52.85	-13	PASS
N77-3700-	30	15	DFT-QPSK	M	Edge_1RB_Left	30	1000	-59.00	-13	PASS

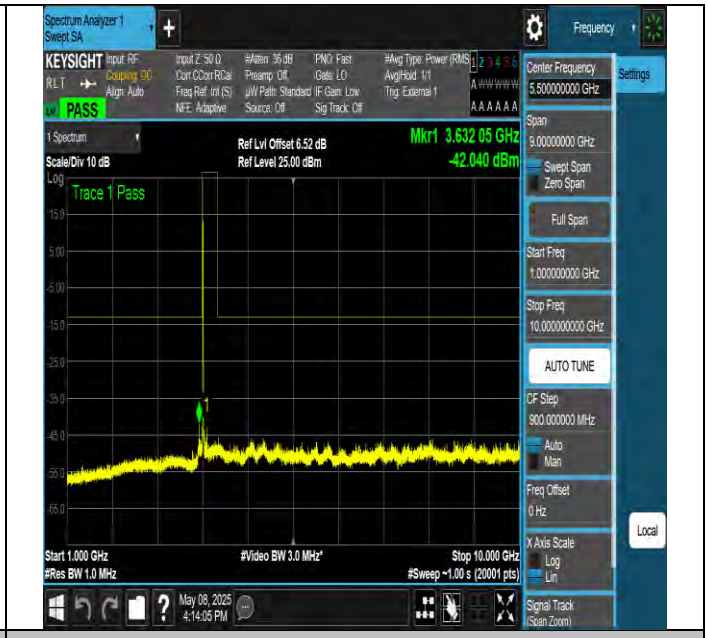
3980										
N77-3700-3980	30	15	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-45.09	-13	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Edge_1RB_Left	10000	20000	-57.72	-13	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Edge_1RB_Left	20000	40000	-53.42	-13	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Edge_1RB_Left	30	1000	-58.55	-13	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-37.87	-13	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Edge_1RB_Left	10000	20000	-56.38	-13	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Edge_1RB_Left	20000	40000	-53.80	-13	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-58.96	-13	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-40.63	-13	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Edge_1RB_Left	10000	20000	-57.63	-13	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Edge_1RB_Left	20000	40000	-53.90	-13	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-59.11	-13	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-45.70	-13	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Edge_1RB_Left	10000	20000	-57.37	-13	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Edge_1RB_Left	20000	40000	-52.38	-13	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-58.85	-13	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-33.82	-13	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Edge_1RB_Left	10000	20000	-57.39	-13	PASS
N77-	30	20	DFT-QPSK	H	Edge_1RB_Left	20000	40000	-53.39	-13	PASS

3700-3980										

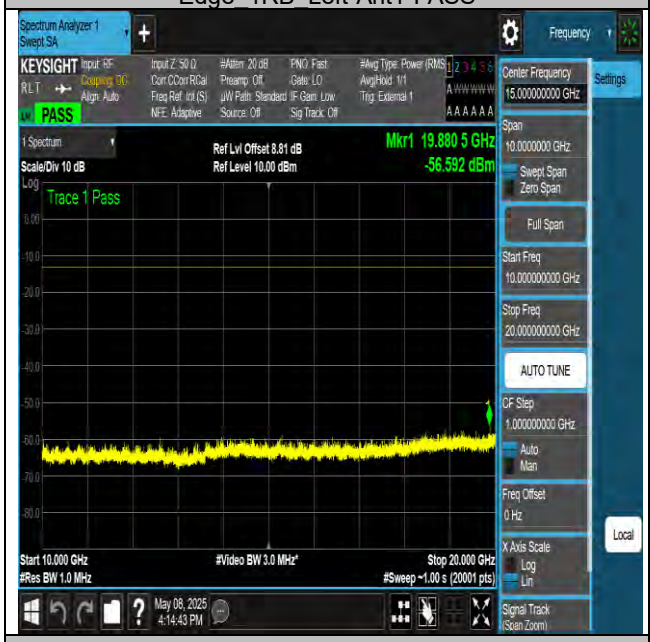
Test Graphs



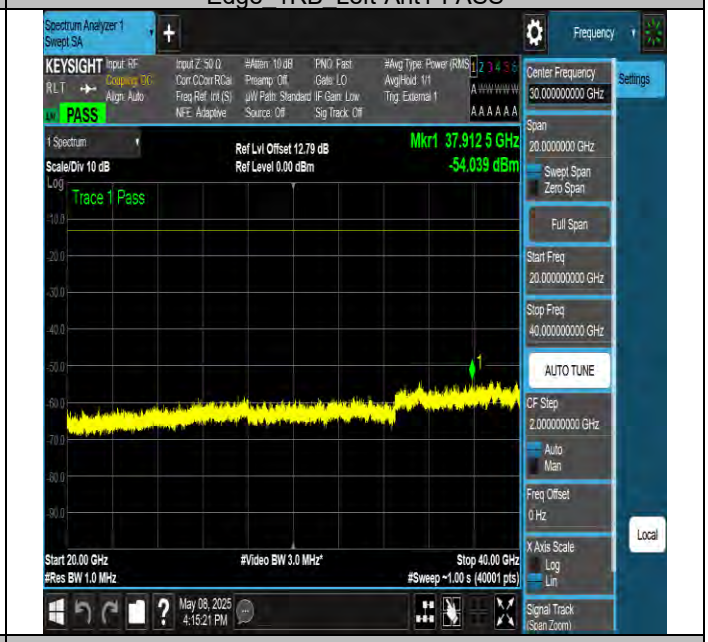
NTNV-N77-3700-3980-PC3-30-10-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-10-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

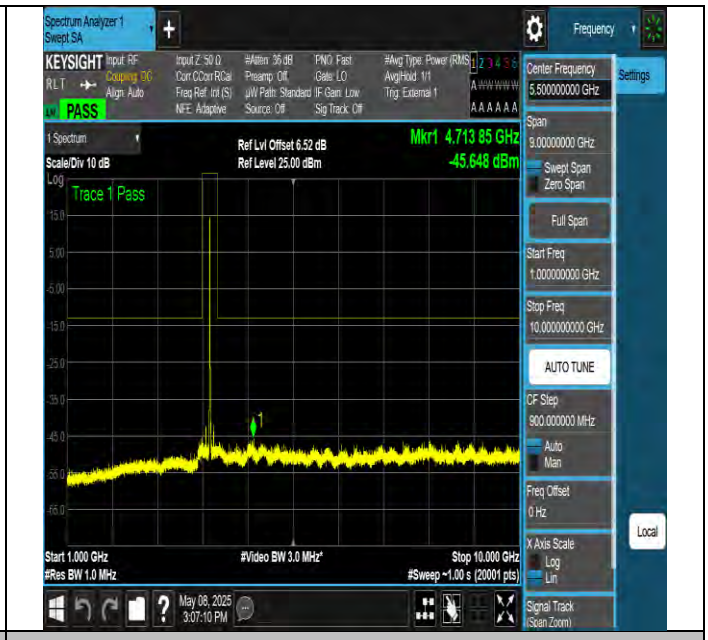


NTNV-N77-3700-3980-PC3-30-10-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

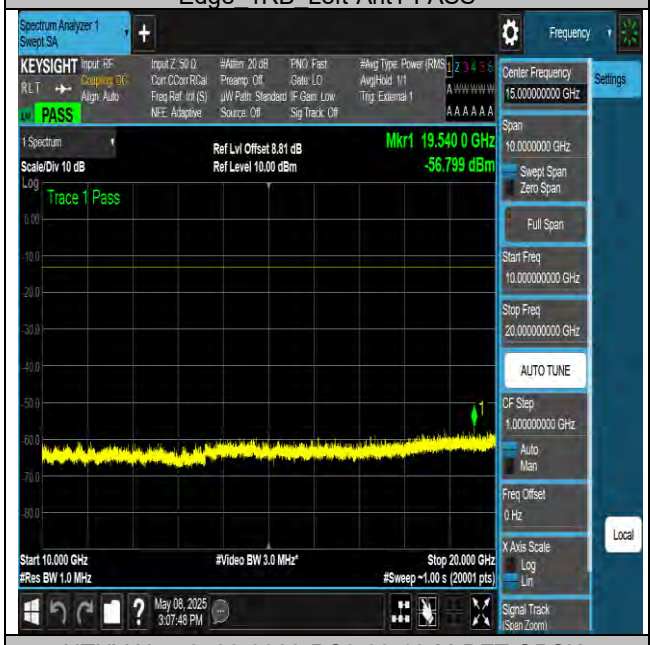


NTNV-N77-3700-3980-PC3-30-10-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

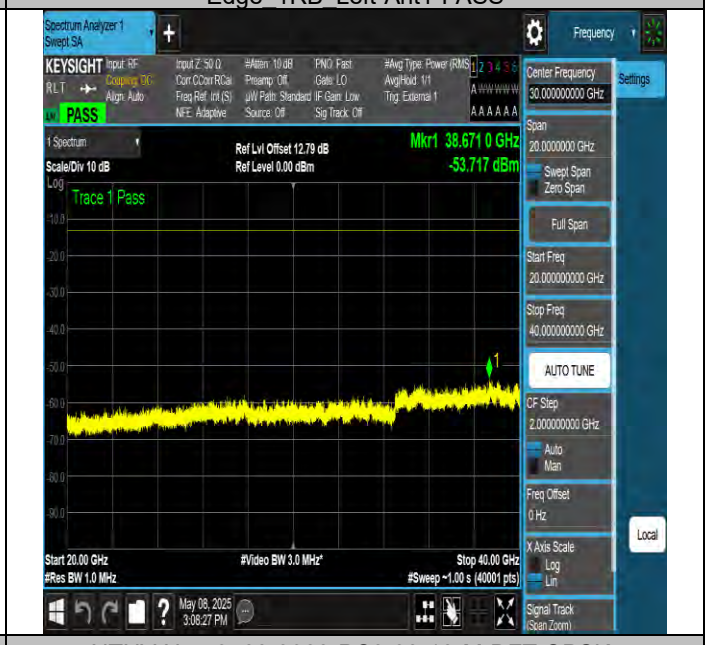
NTNV-N77-3700-3980-PC3-30-10-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



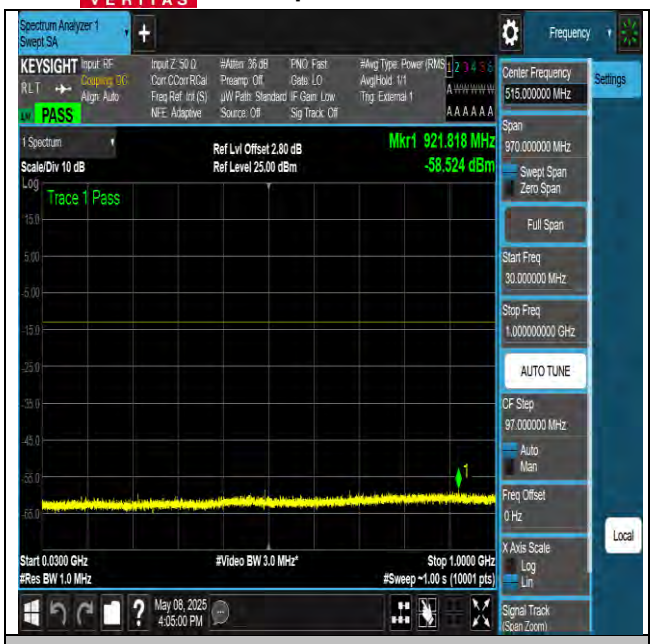
NTNV-N77-3700-3980-PC3-30-10-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



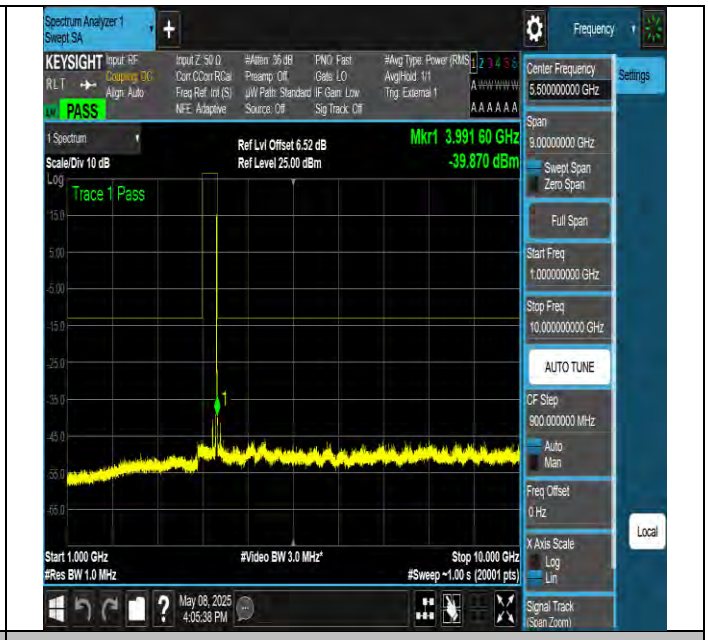
NTNV-N77-3700-3980-PC3-30-10-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



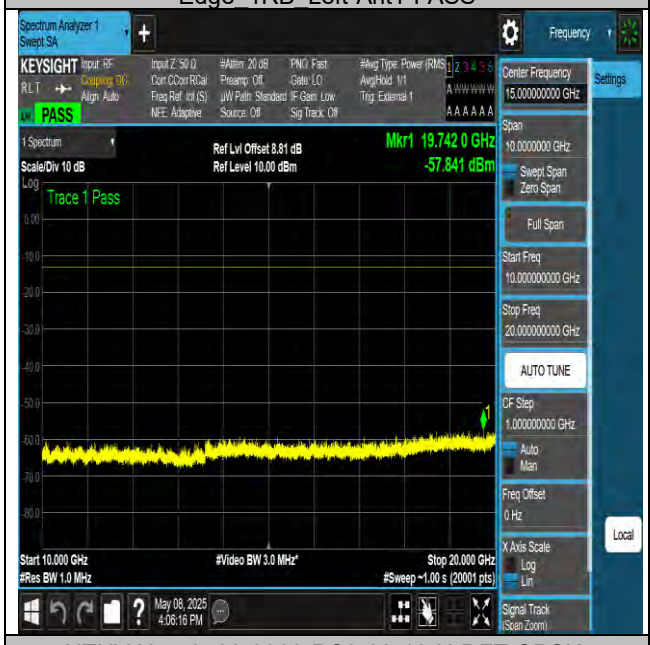
NTNV-N77-3700-3980-PC3-30-10-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



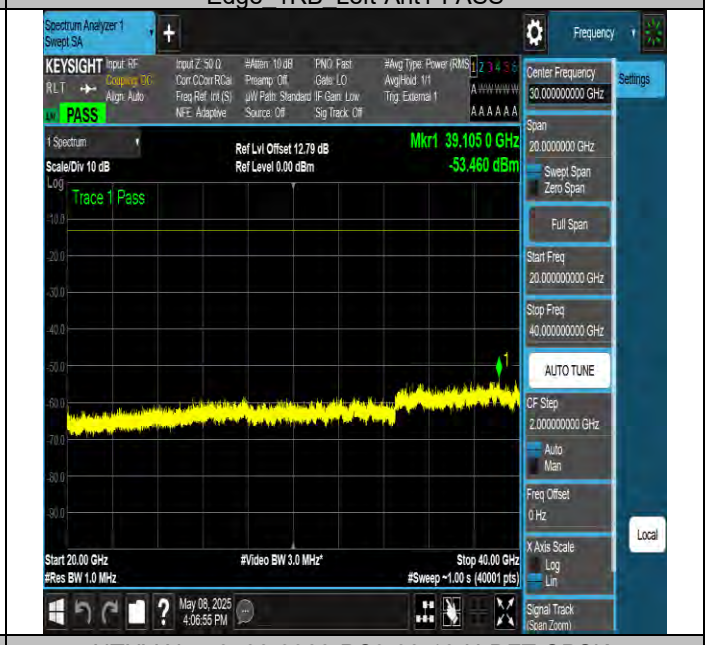
NTNV-N77-3700-3980-PC3-30-10-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



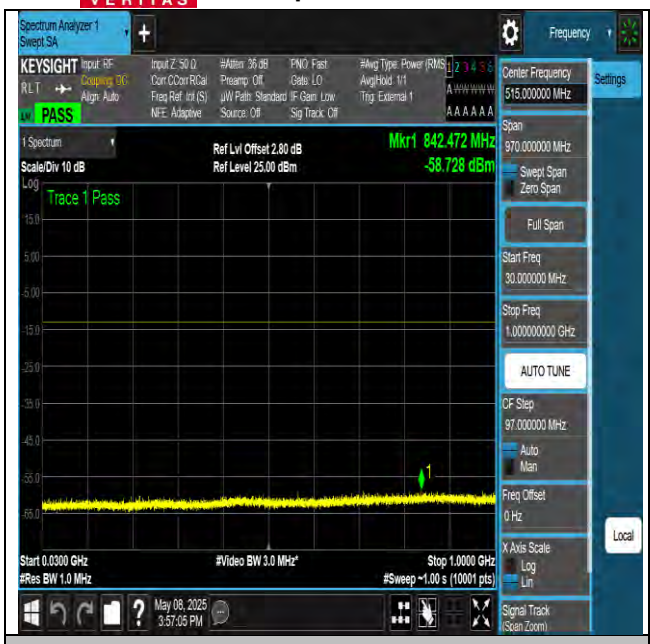
NTNV-N77-3700-3980-PC3-30-10-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-10-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

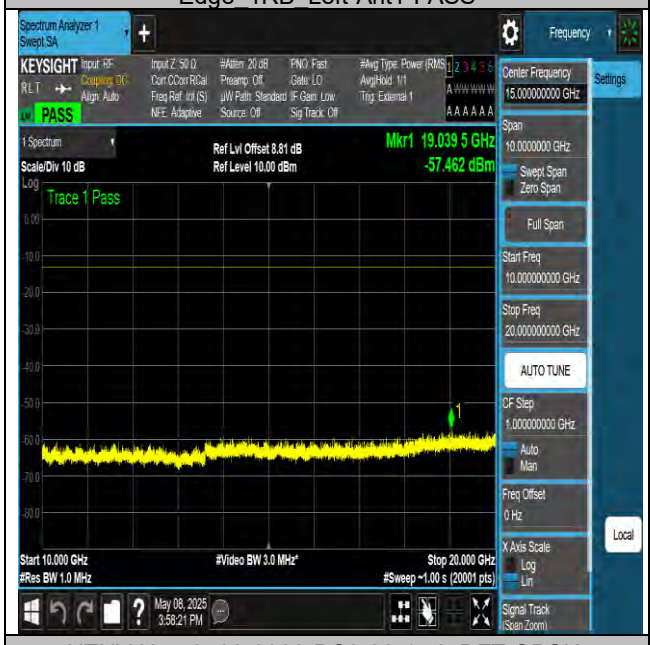


NTNV-N77-3700-3980-PC3-30-10-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-15-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N77-3700-3980-PC3-30-15-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

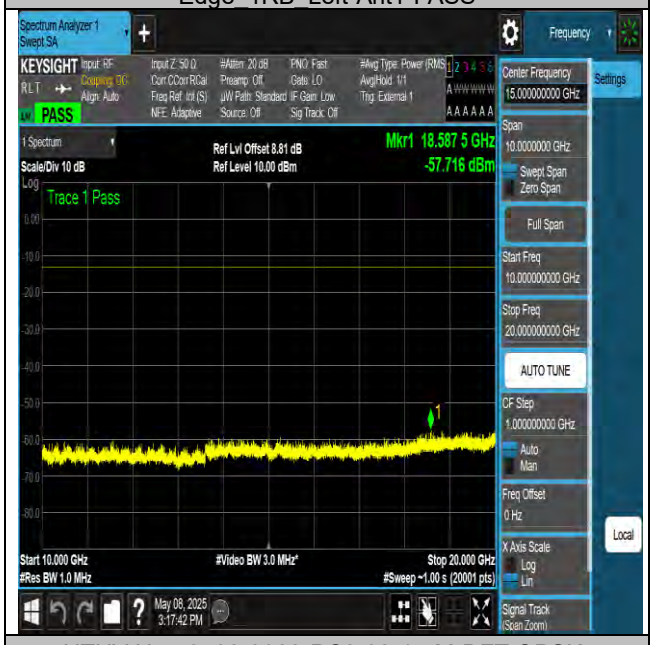


NTNV-N77-3700-3980-PC3-30-15-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N77-3700-3980-PC3-30-15-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

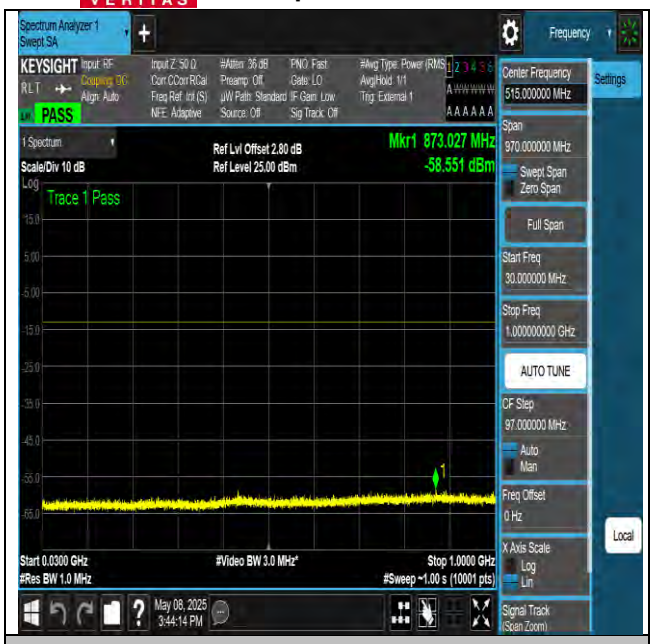
NTNV-N77-3700-3980-PC3-30-15-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N77-3700-3980-PC3-30-15-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



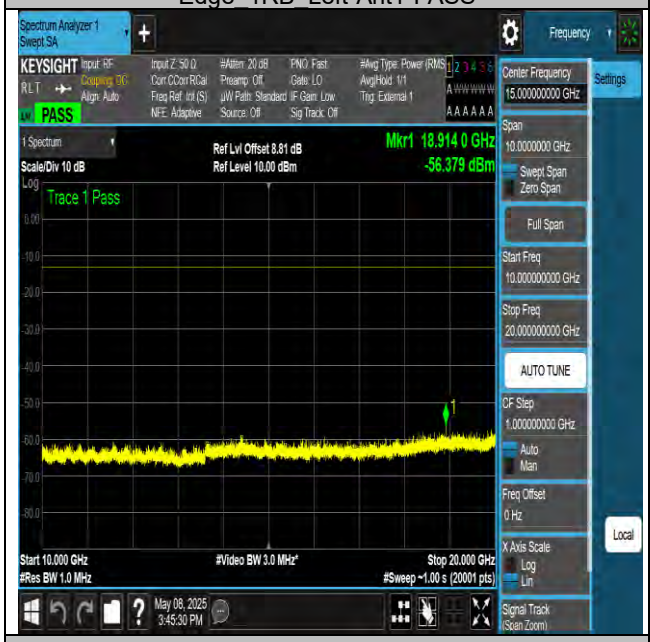
NTNV-N77-3700-3980-PC3-30-15-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N77-3700-3980-PC3-30-15-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



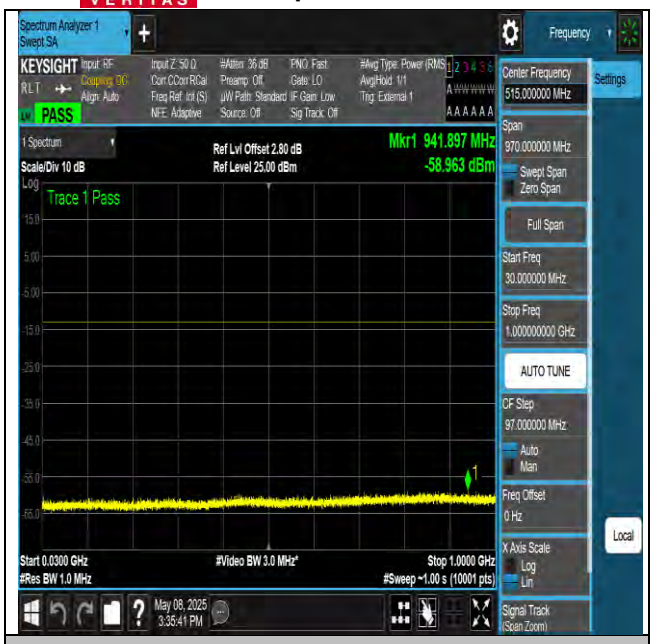
NTNV-N77-3700-3980-PC3-30-15-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N77-3700-3980-PC3-30-15-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



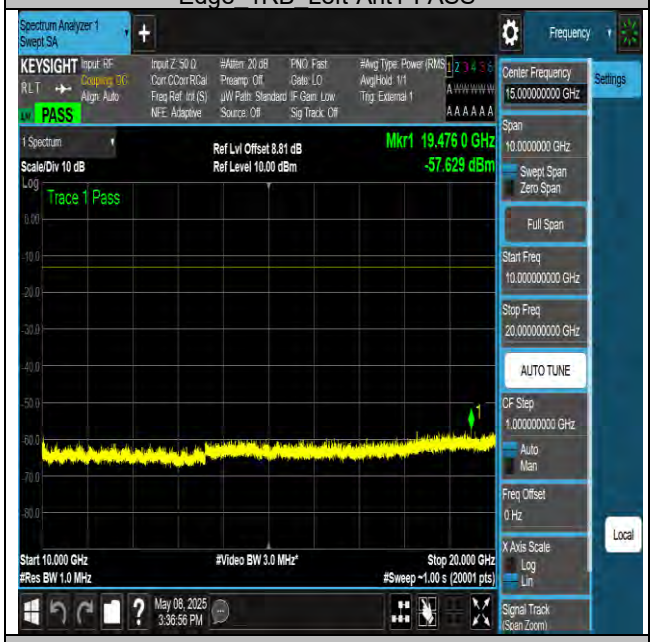
NTNV-N77-3700-3980-PC3-30-15-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N77-3700-3980-PC3-30-15-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



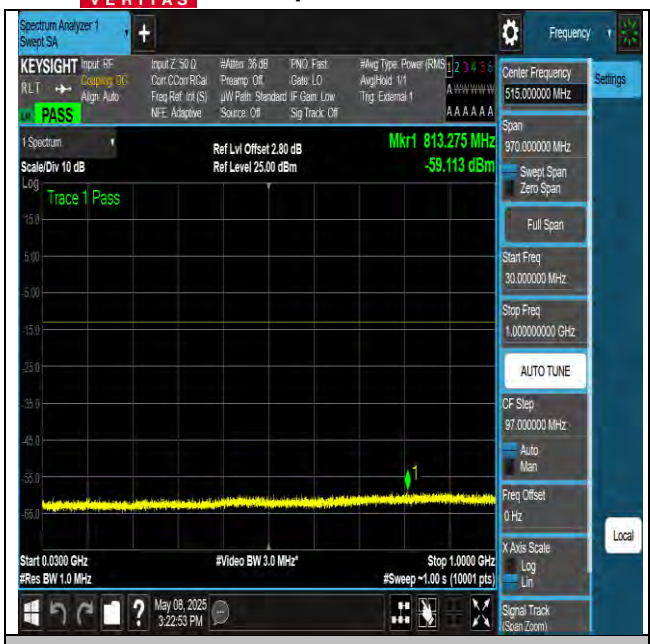
NTNV-N77-3700-3980-PC3-30-20-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N77-3700-3980-PC3-30-20-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

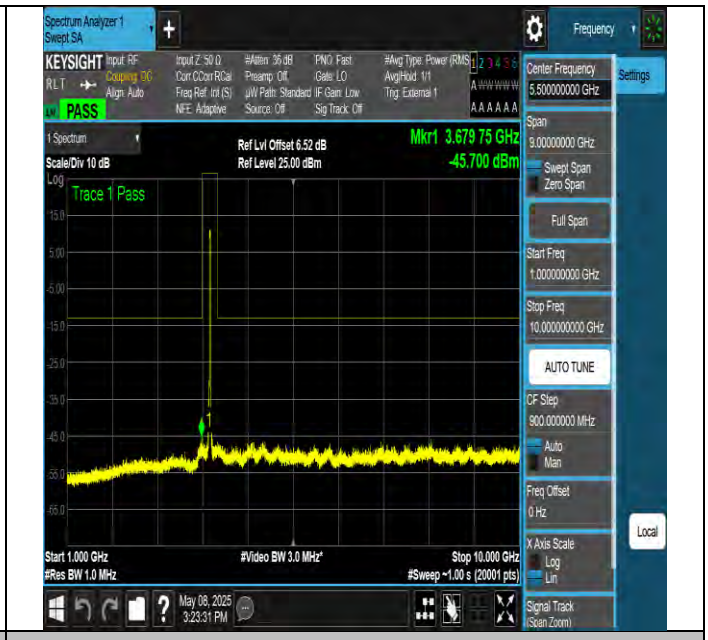


NTNV-N77-3700-3980-PC3-30-20-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

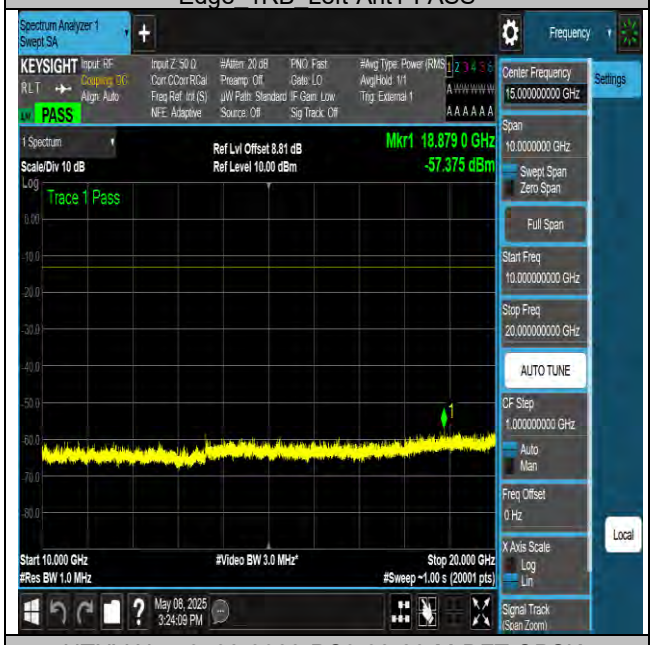
NTNV-N77-3700-3980-PC3-30-20-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



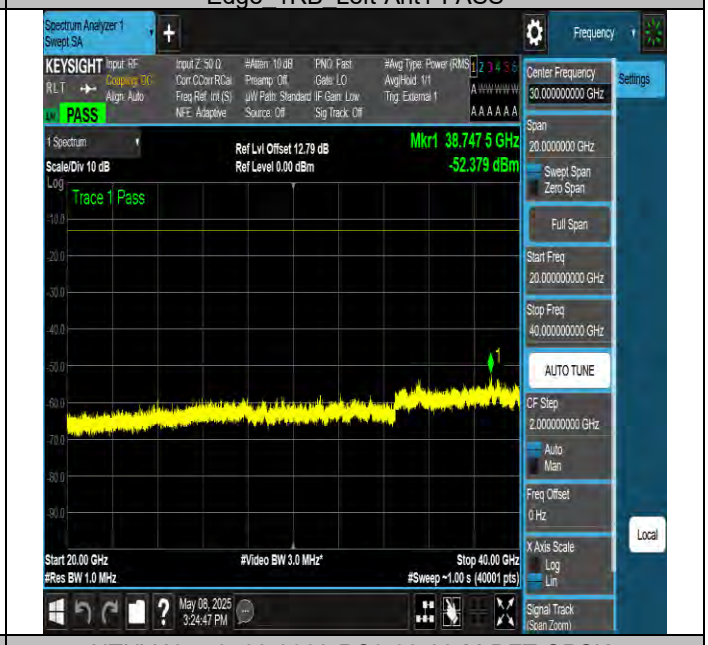
NTNV-N77-3700-3980-PC3-30-20-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



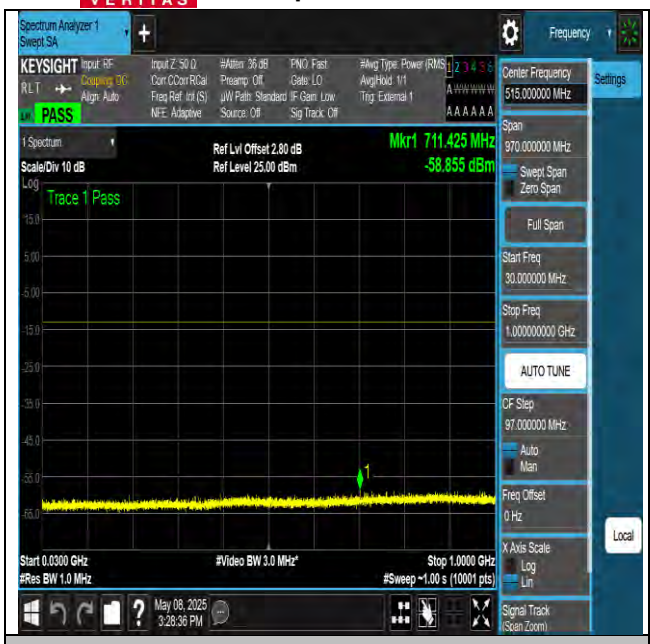
NTNV-N77-3700-3980-PC3-30-20-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



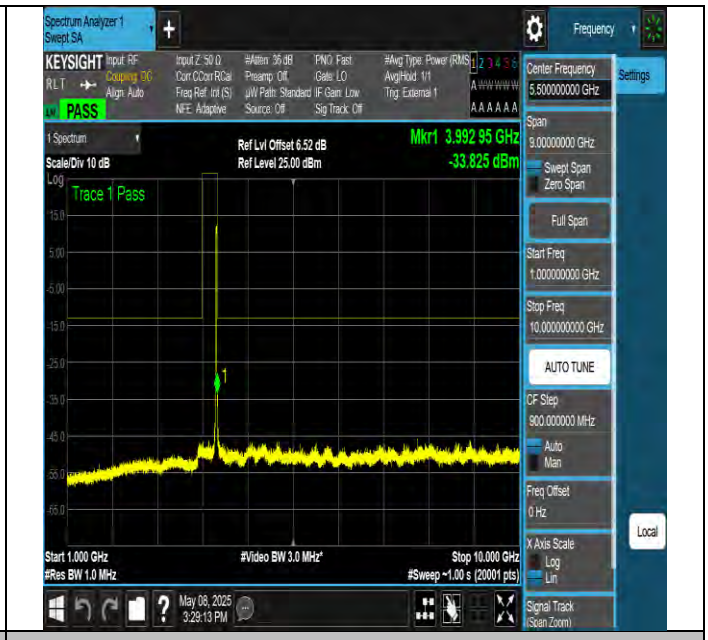
NTNV-N77-3700-3980-PC3-30-20-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



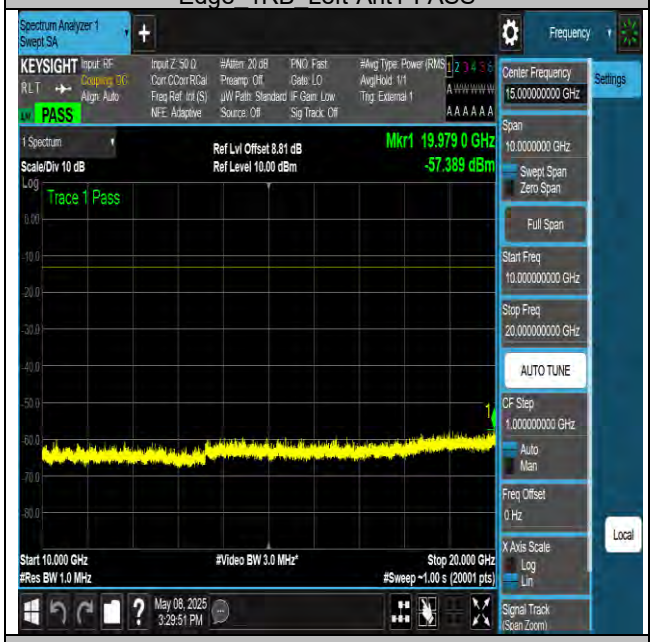
NTNV-N77-3700-3980-PC3-30-20-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



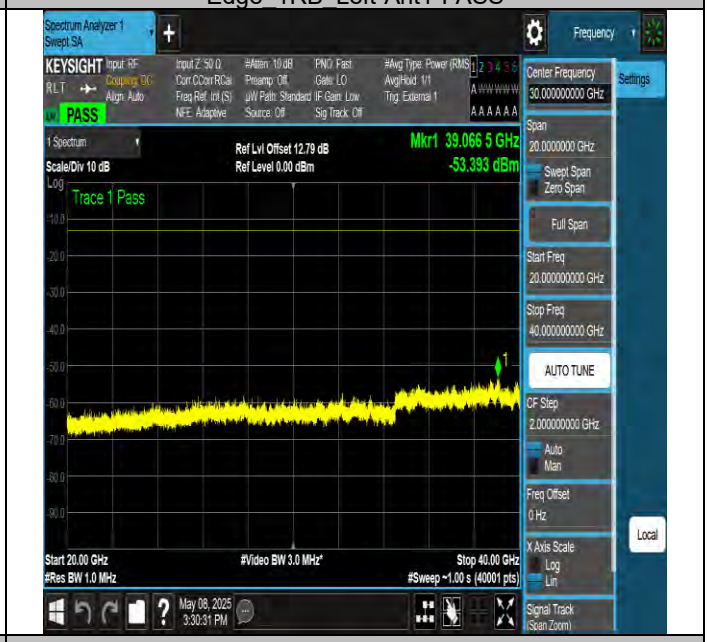
NTNV-N77-3700-3980-PC3-30-20-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-20-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-20-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-20-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

FREQUENCY STABILITY FOR SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	VL	NT	8.000000	0.002156	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	VN	NT	10.000000	0.002695	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	VH	NT	15.000000	0.004043	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	VL	NT	1.000000	0.000260	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	VN	NT	6.000000	0.001563	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	VH	NT	13.000000	0.003385	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	VL	NT	12.000000	0.003023	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	VN	NT	5.000000	0.001259	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	VH	NT	19.000000	0.004786	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	NV	-30	4.000000	0.001078	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	NV	-20	14.000000	0.003774	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	NV	-10	6.000000	0.001617	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	NV	0	15.000000	0.004043	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	NV	10	13.000000	0.003504	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	NV	20	14.000000	0.003774	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	NV	30	5.000000	0.001348	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	NV	40	11.000000	0.002965	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	NV	50	19.000000	0.005121	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	-30	12.000000	0.003125	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	-20	3.000000	0.000781	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	-10	5.000000	0.001302	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	0	12.000000	0.003125	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	10	4.000000	0.001042	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	20	15.000000	0.003906	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	30	2.000000	0.000521	PASS

N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	40	1.000000	0.000260	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	NV	50	11.000000	0.002865	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	NV	-30	18.000000	0.004534	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	NV	-20	9.000000	0.002267	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	NV	-10	10.000000	0.002519	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	NV	0	1.000000	0.000252	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	NV	10	8.000000	0.002015	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	NV	20	18.000000	0.004534	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	NV	30	10.000000	0.002519	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	NV	40	8.000000	0.002015	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	NV	50	19.000000	0.004786	PASS

--END--