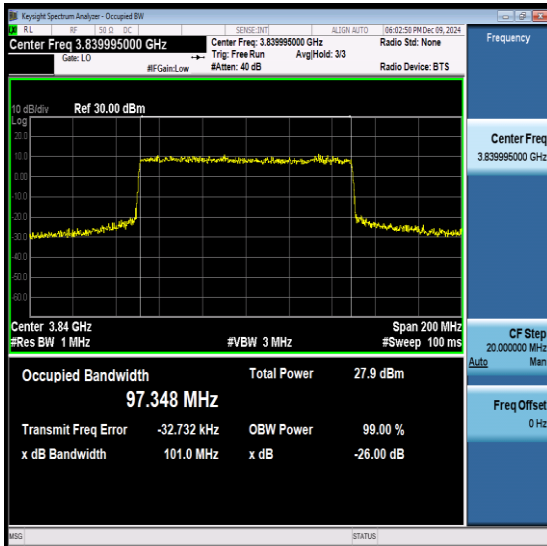
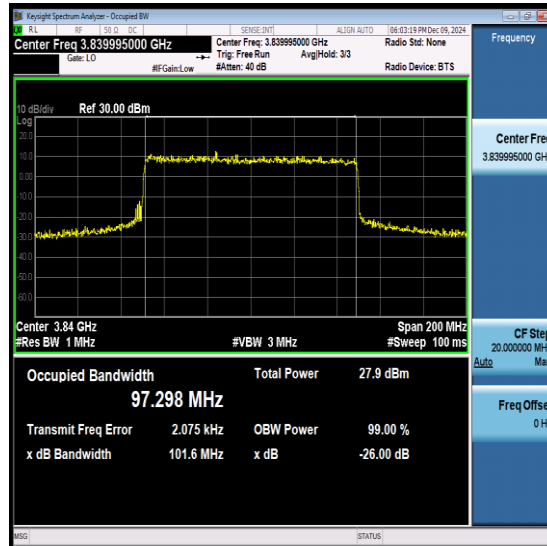
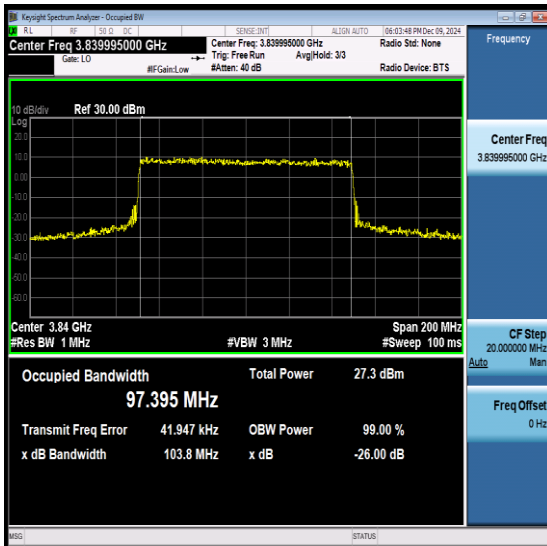




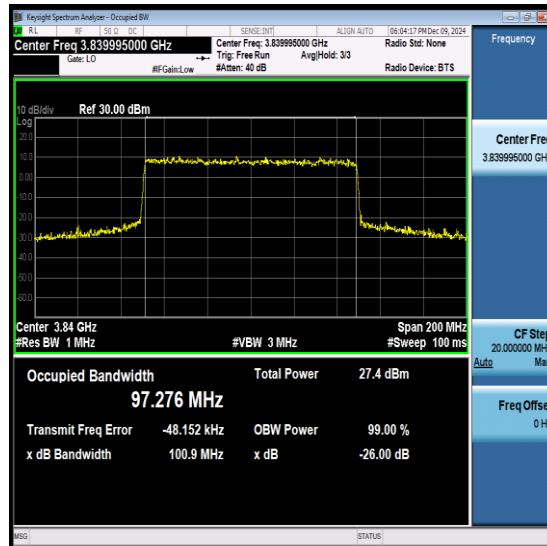
NTNV-N77-3700-3980-PC2-30-100-M-CP-QPSK-
Outer_Full-Ant1-PASS



NTNV-N77-3700-3980-PC2-30-100-M-CP-16QAM-
Outer_Full-Ant1-PASS



NTNV-N77-3700-3980-PC2-30-100-M-CP-64QAM-
Outer_Full-Ant1-PASS

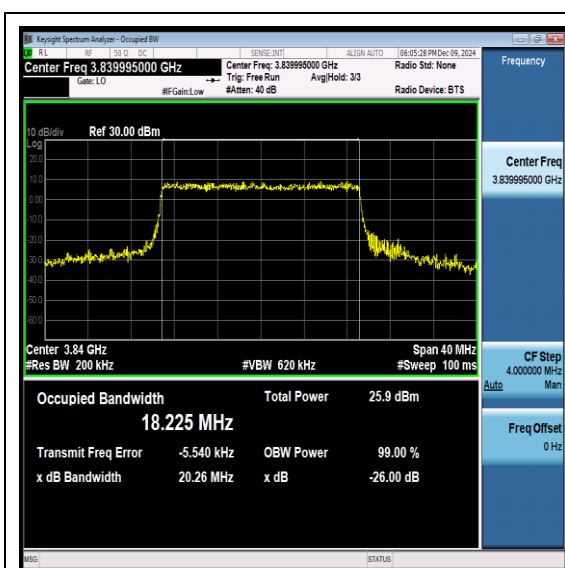


NTNV-N77-3700-3980-PC2-30-100-M-CP-256QAM-
Outer_Full-Ant1-PASS

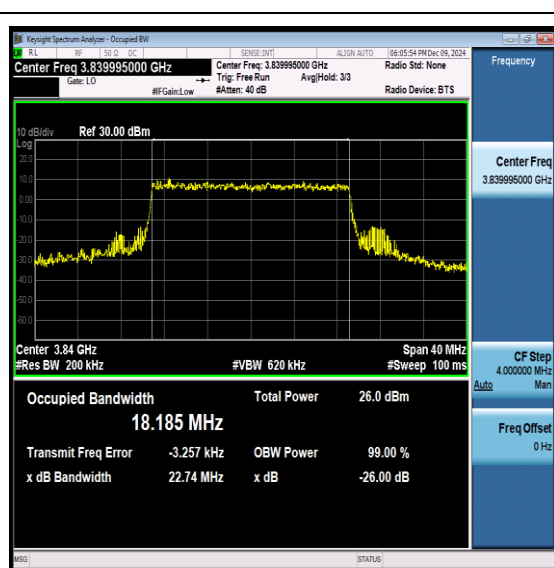


Test Report No.: PSU-QSU2411180418RF10

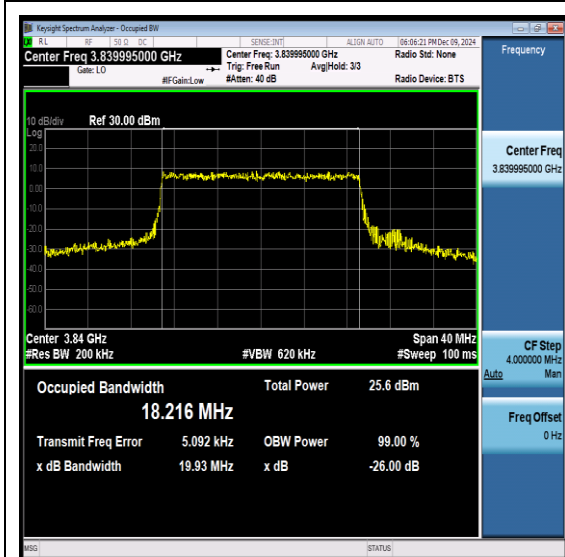
TEST GRAPHS-ANT7



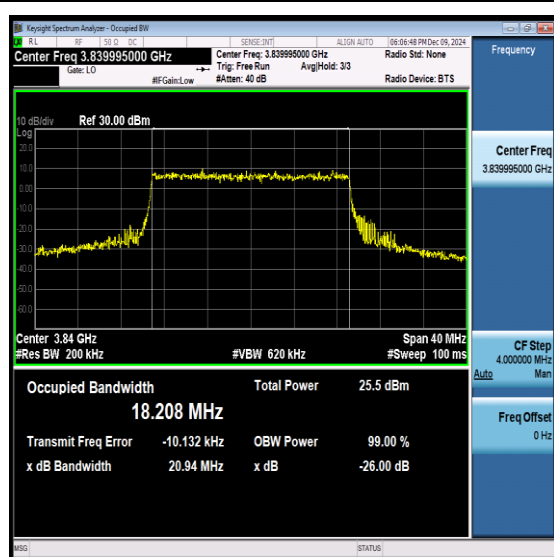
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NTNV-N77-3700-3980-PC2-30-20-M-CP-16QAM-
Outer Full-Ant7-PASS



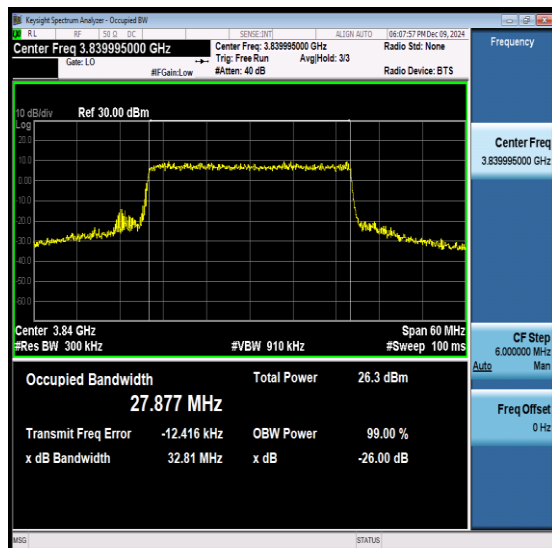
NTNV-N77-3700-3980-PC2-30-20-M-CP-64QAM-
Outer Full-Ant7-PASS

NTNV-N77-3700-3980-PC2-30-20-M-CP-
256QAM-Outer Full-Ant7-PASS

Huarui 7layers High Technology
(Suzhou) Co., Ltd.

Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province, China

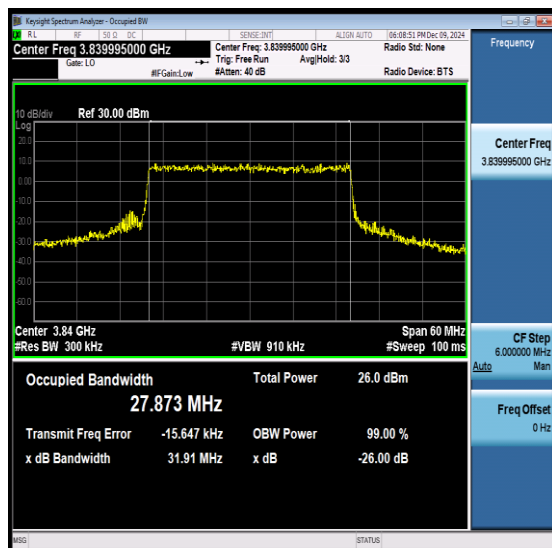
Tel: +86 (0557) 368 1008



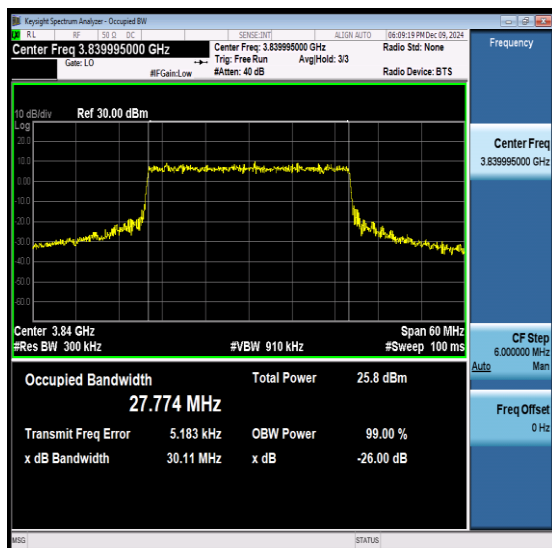
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Outer_Full-Ant7-PASS



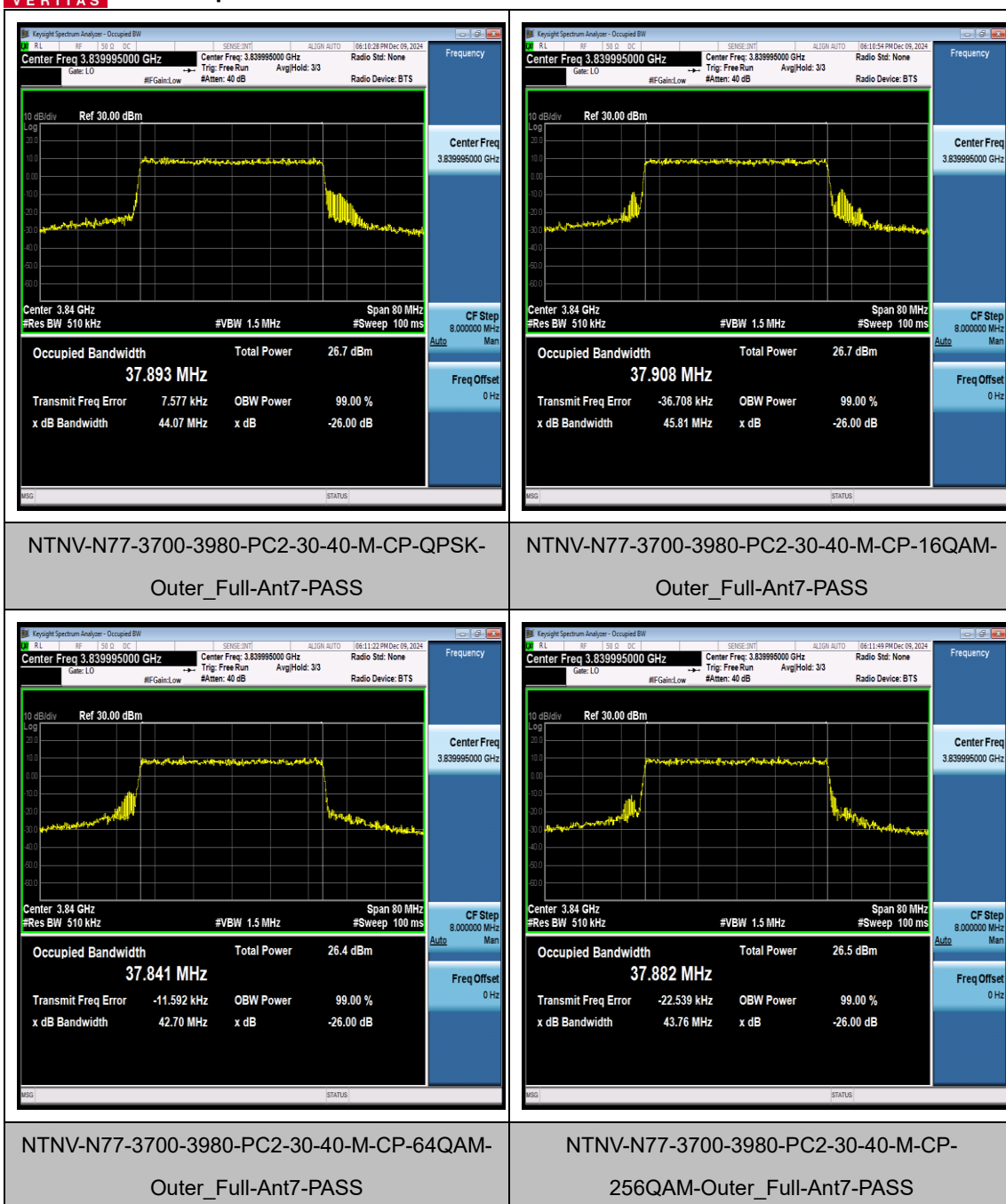
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Outer_Full-Ant7-PASS

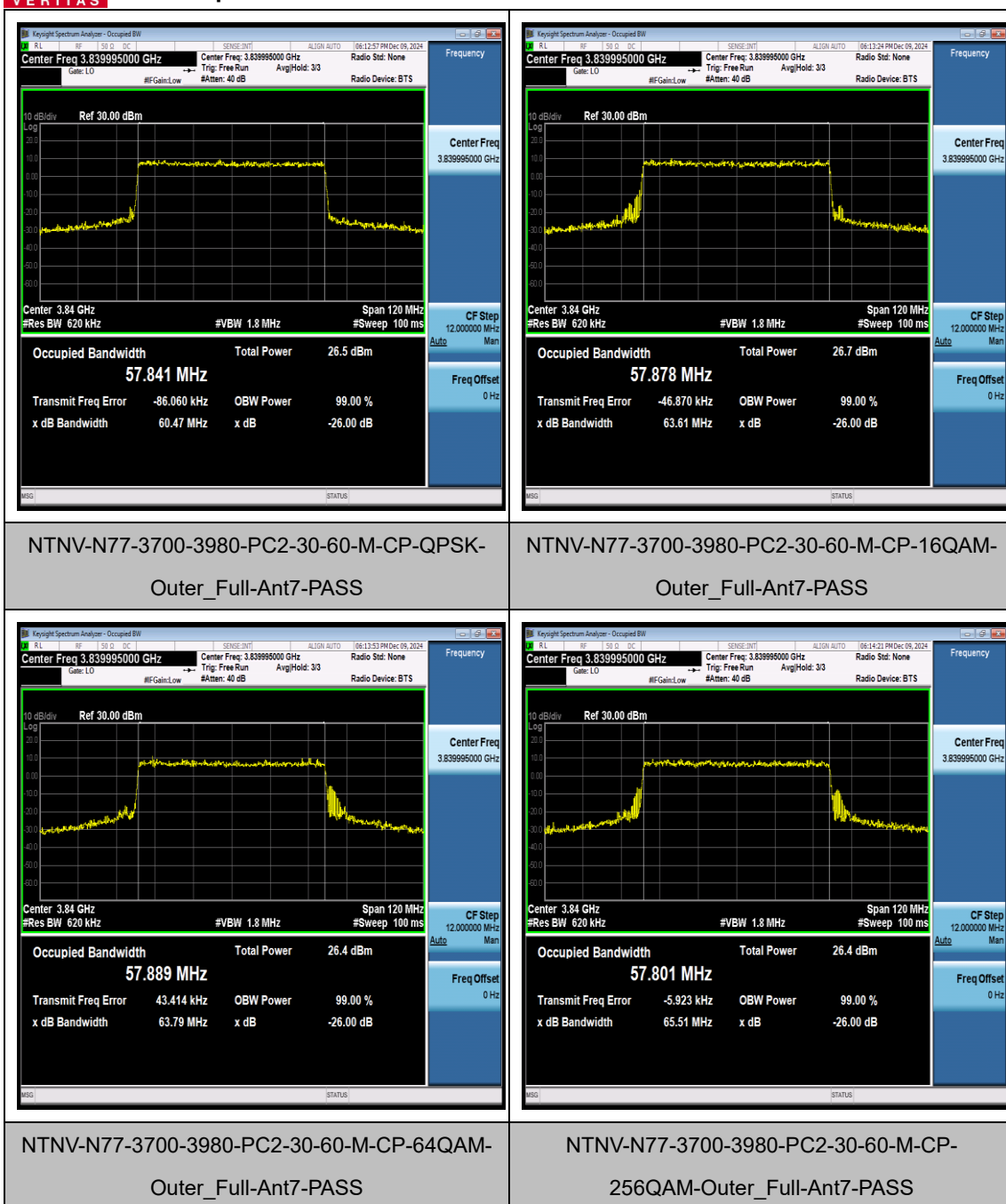


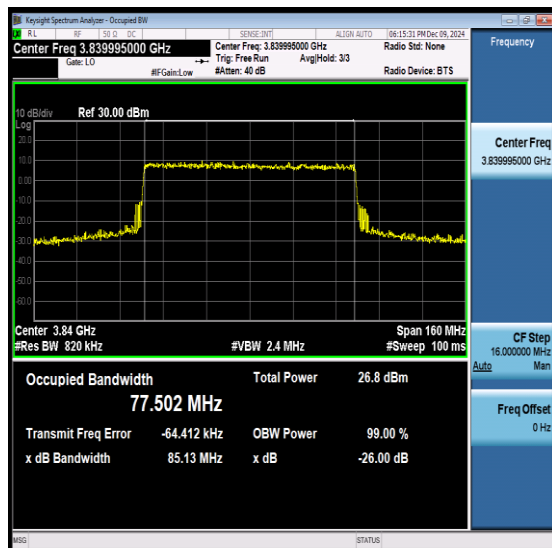
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Outer_Full-Ant7-PASS



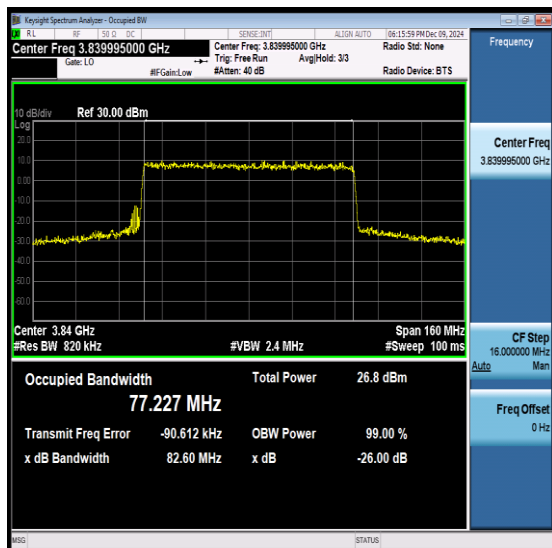
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256QAM-Outer_Full-Ant7-PASS



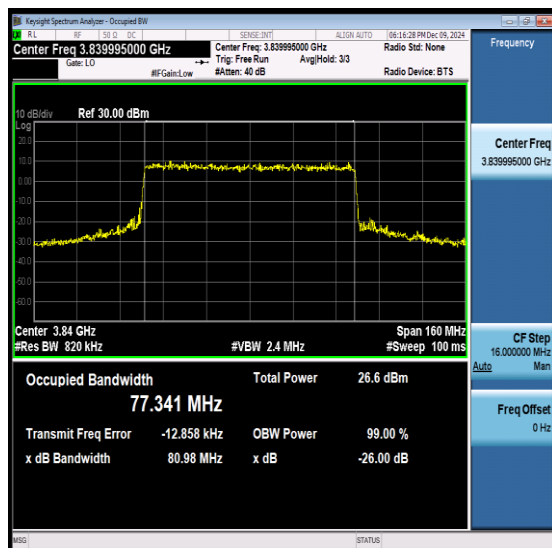




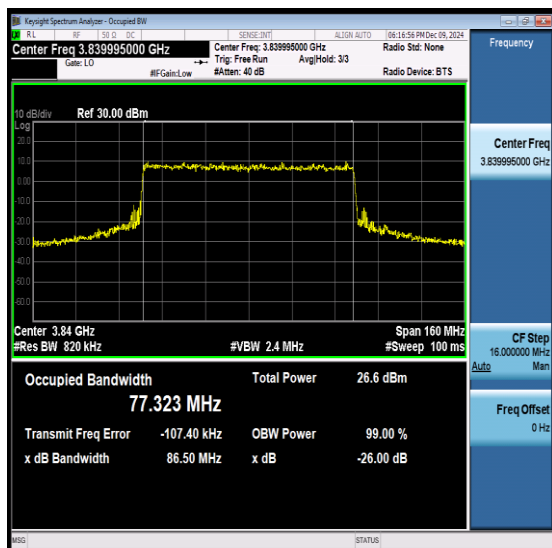
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Outer_Full-Ant7-PASS



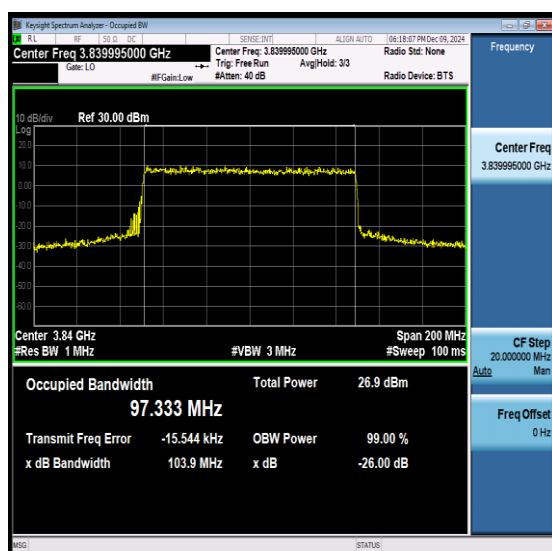
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Outer_Full-Ant7-PASS



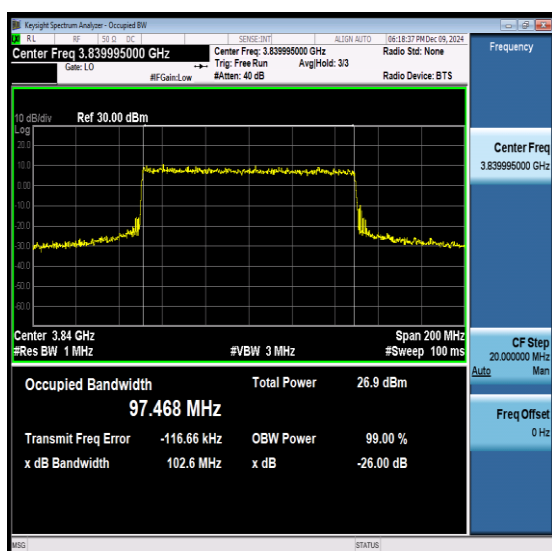
NTNV-N77-3700-3980-PC2-30-80-M-CP-64QAM-
Outer_Full-Ant7-PASS



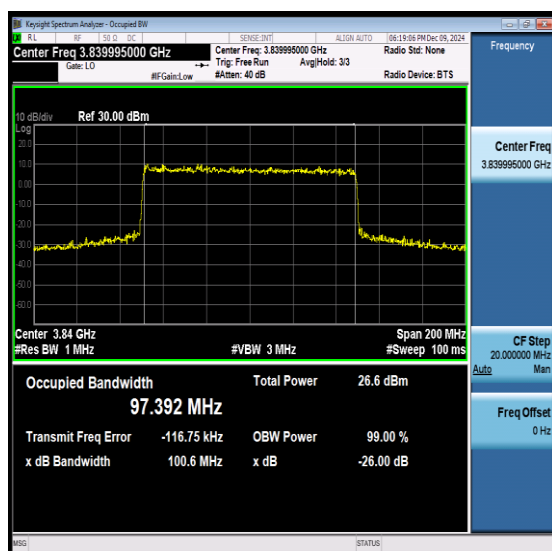
NTNV-N77-3700-3980-PC2-30-80-M-CP-
256QAM-Outer_Full-Ant7-PASS



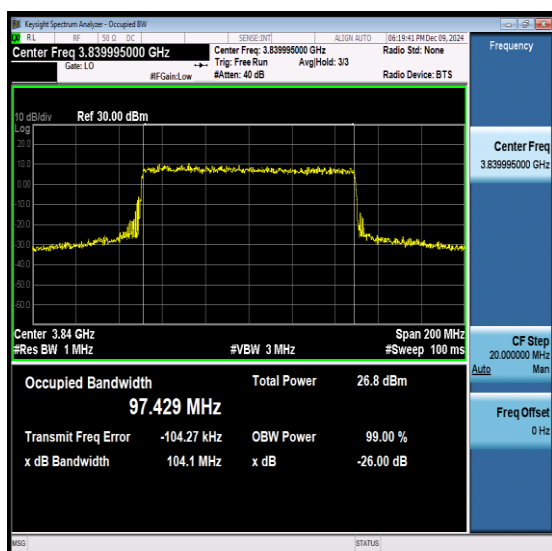
NTNV-N77-3700-3980-PC2-30-100-M-CP-QPSK-
Outer_Full-Ant7-PASS



NTNV-N77-3700-3980-PC2-30-100-M-CP-
16QAM-Outer_Full-Ant7-PASS



NTNV-N77-3700-3980-PC2-30-100-M-CP-
64QAM-Outer_Full-Ant7-PASS



NTNV-N77-3700-3980-PC2-30-100-M-CP-
256QAM-Outer_Full-Ant7-PASS



BAND EDGE FOR MIMO

TEST RESULT-ANT1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N77-3700-3980	30	20	CP-QPSK	L	Edge_1RB_ Left	-34.59	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	-27.51	PASS
N77-3700-3980	30	20	CP-QPSK	H	Edge_1RB_ Right	-35.50	PASS
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	-26.14	PASS
N77-3700-3980	30	60	CP-QPSK	L	Edge_1RB_ Left	-33.87	PASS
N77-3700-3980	30	60	CP-QPSK	L	Edge_1RB_ Right	-44.75	PASS
N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	-29.82	PASS
N77-3700-3980	30	60	CP-QPSK	H	Edge_1RB_ Right	-34.43	PASS
N77-3700-3980	30	60	CP-QPSK	H	Outer_Full	-30.59	PASS
N77-3700-3980	30	100	CP-QPSK	L	Edge_1RB_ Left	-34.32	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	-31.92	PASS
N77-3700-3980	30	100	CP-QPSK	H	Edge_1RB_ Right	-35.16	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	-33.47	PASS

TEST RESULT-ANT7

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N77-3700-3980	30	20	CP-QPSK	L	Edge_1RB_ Left	-35.45	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	-32.24	PASS
N77-3700-3980	30	20	CP-QPSK	H	Edge_1RB_ Right	-34.66	PASS

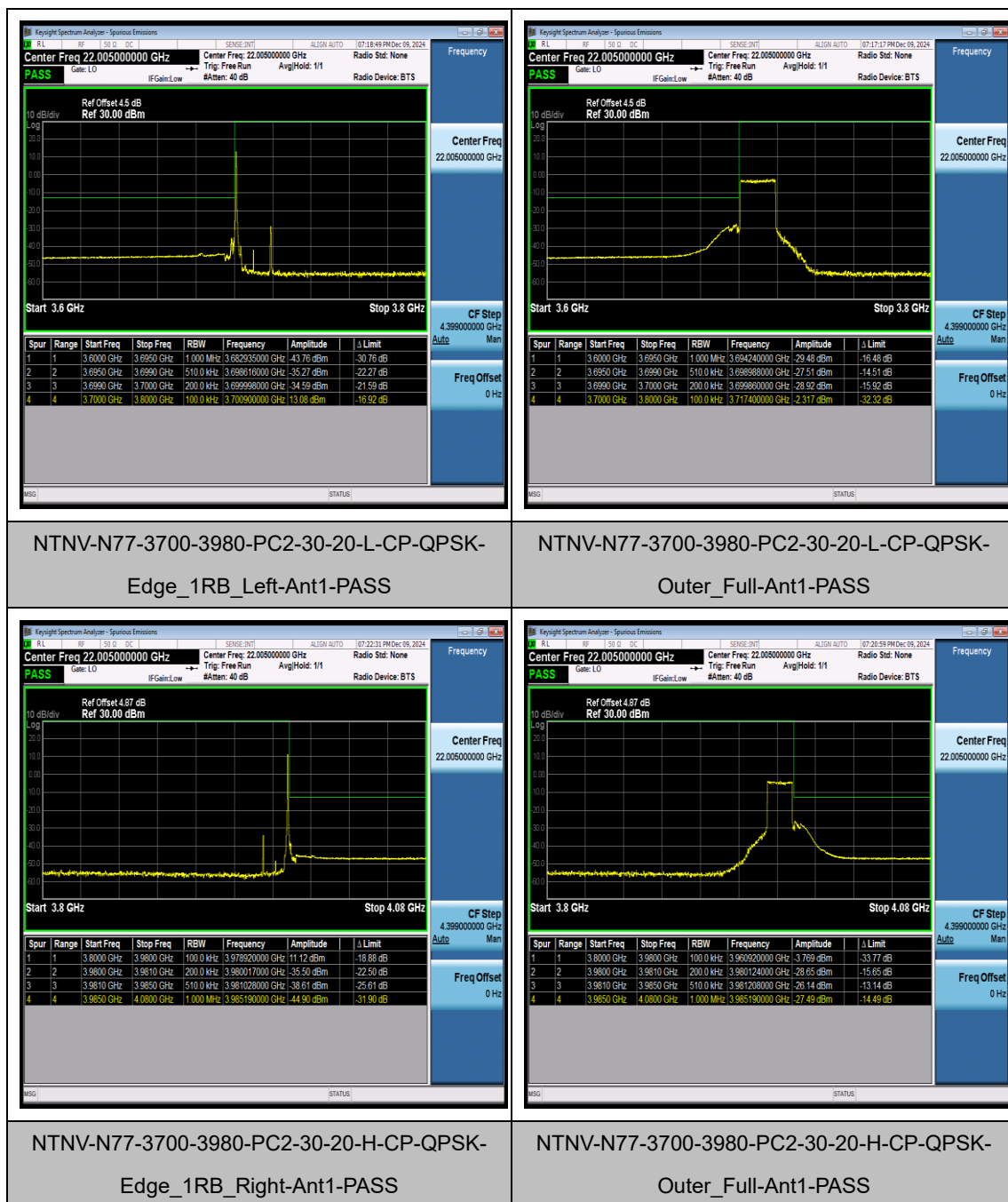


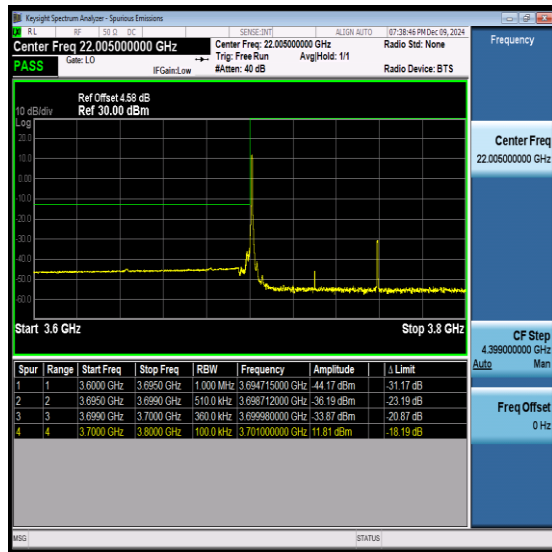
3980					Right		
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	-30.90	PASS
N77-3700-3980	30	60	CP-QPSK	L	Edge_1RB_ Left	-36.13	PASS
N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	-34.74	PASS
N77-3700-3980	30	60	CP-QPSK	H	Edge_1RB_ Right	-35.12	PASS
N77-3700-3980	30	60	CP-QPSK	H	Outer_Full	-33.11	PASS
N77-3700-3980	30	100	CP-QPSK	L	Edge_1RB_ Left	-34.94	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	-36.60	PASS
N77-3700-3980	30	100	CP-QPSK	H	Edge_1RB_ Right	-36.10	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	-35.39	PASS



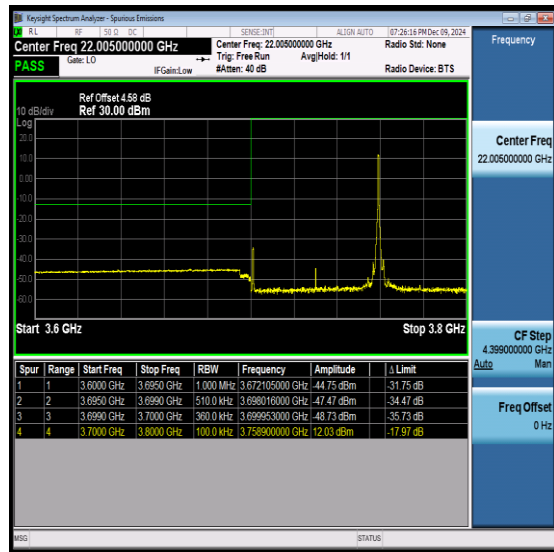
BUREAU
VERITAS

Test Report No.: PSU-QSU2411180418RF10 TEST GRAPHS-ANT1

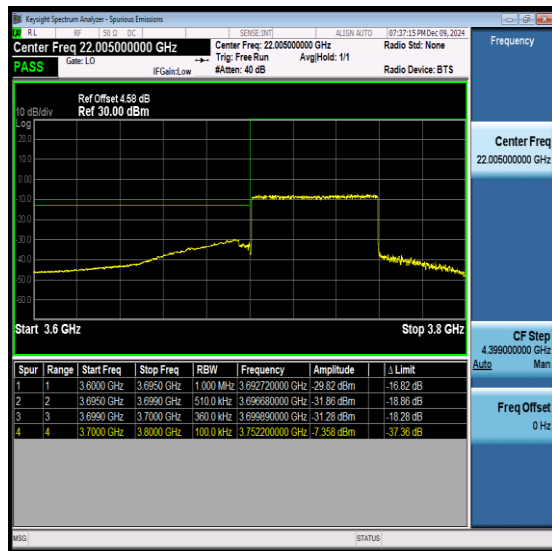




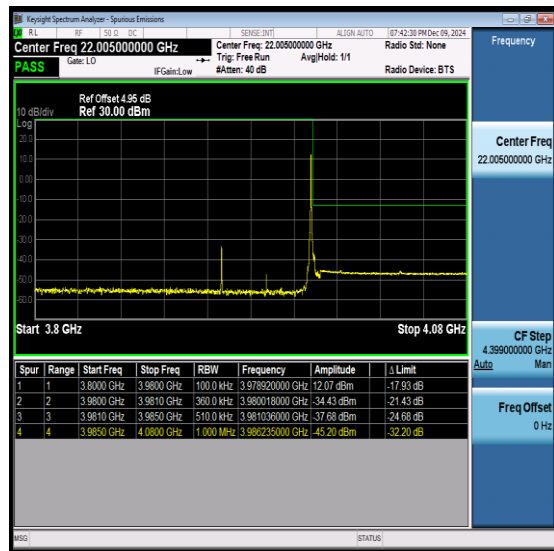
NTNV-N77-3700-3980-PC2-30-60-L-CP-QPSK-
Edge_1RB_Left-Ant1-PASS



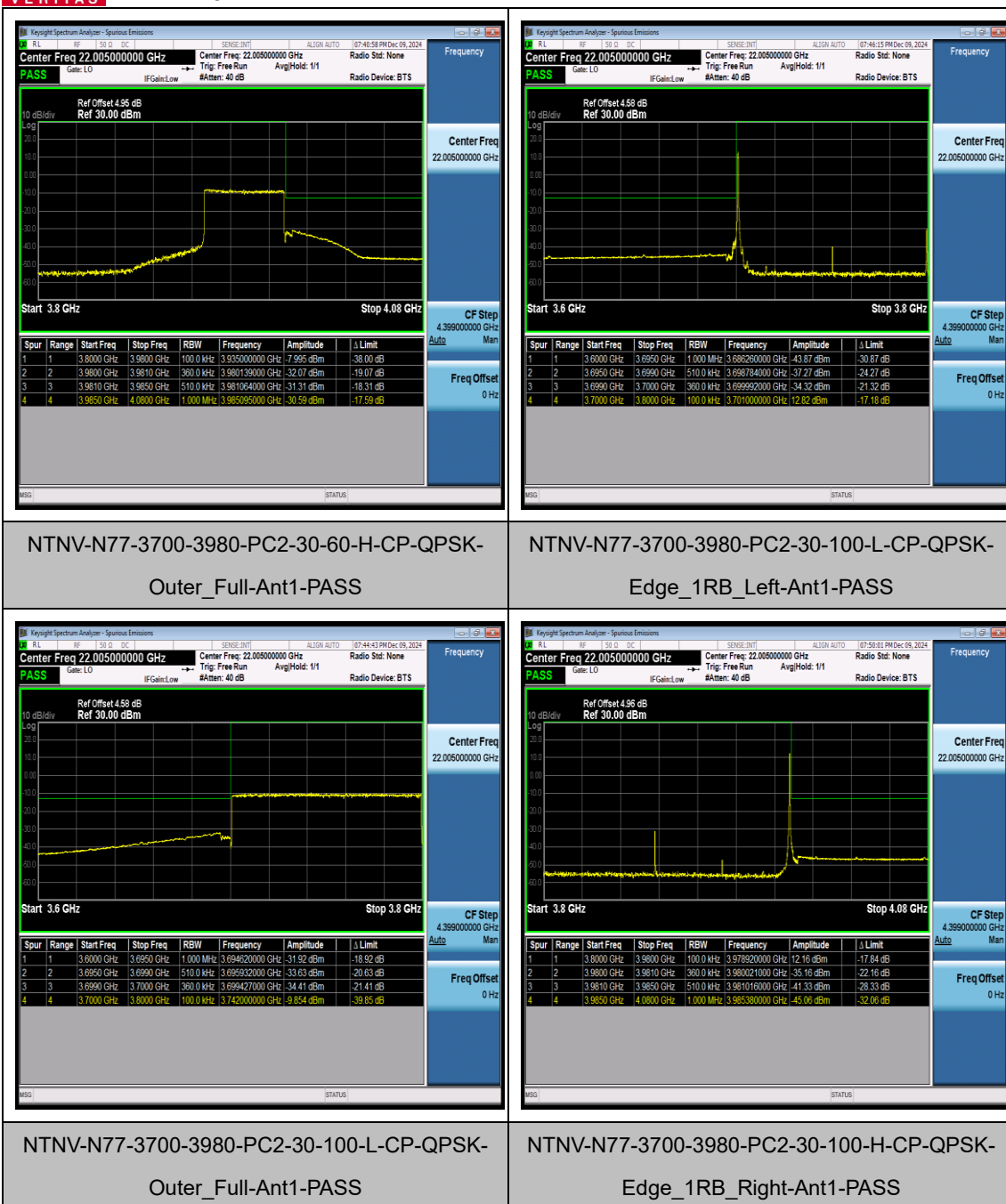
NTNV-N77-3700-3980-PC2-30-60-L-CP-QPSK-
Edge_1RB_Right-Ant1-PASS

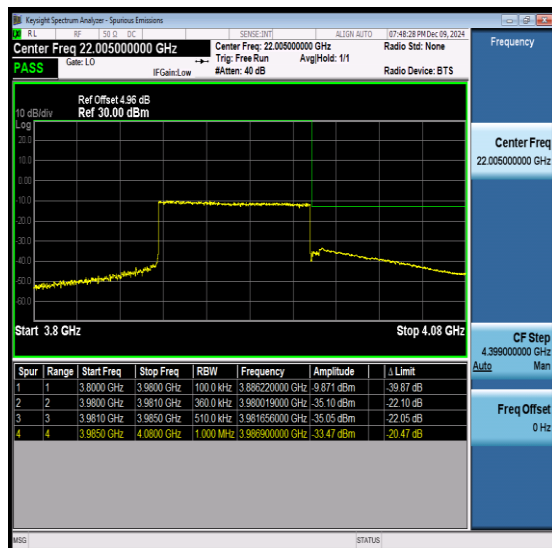


NTNV-N77-3700-3980-PC2-30-60-L-CP-QPSK-
Outer_Full-Ant1-PASS



NTNV-N77-3700-3980-PC2-30-60-H-CP-QPSK-
Edge_1RB_Right-Ant1-PASS

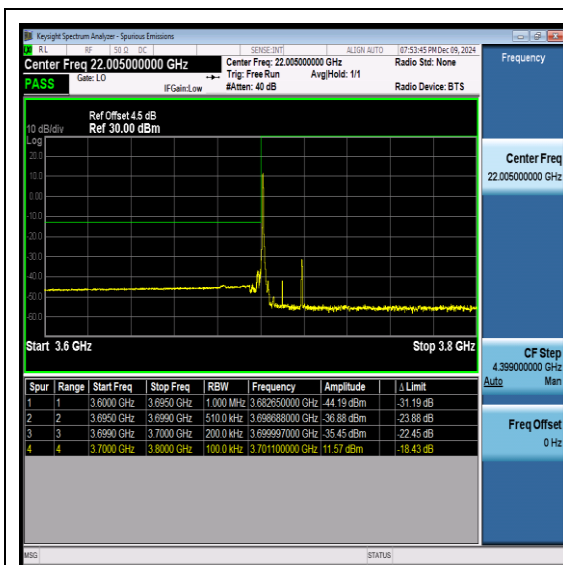




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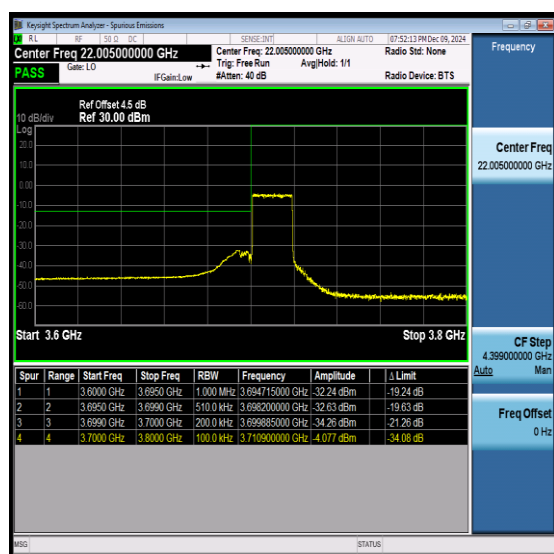
Outer_Full-Ant1-PASS

TEST GRAPHS-ANT7



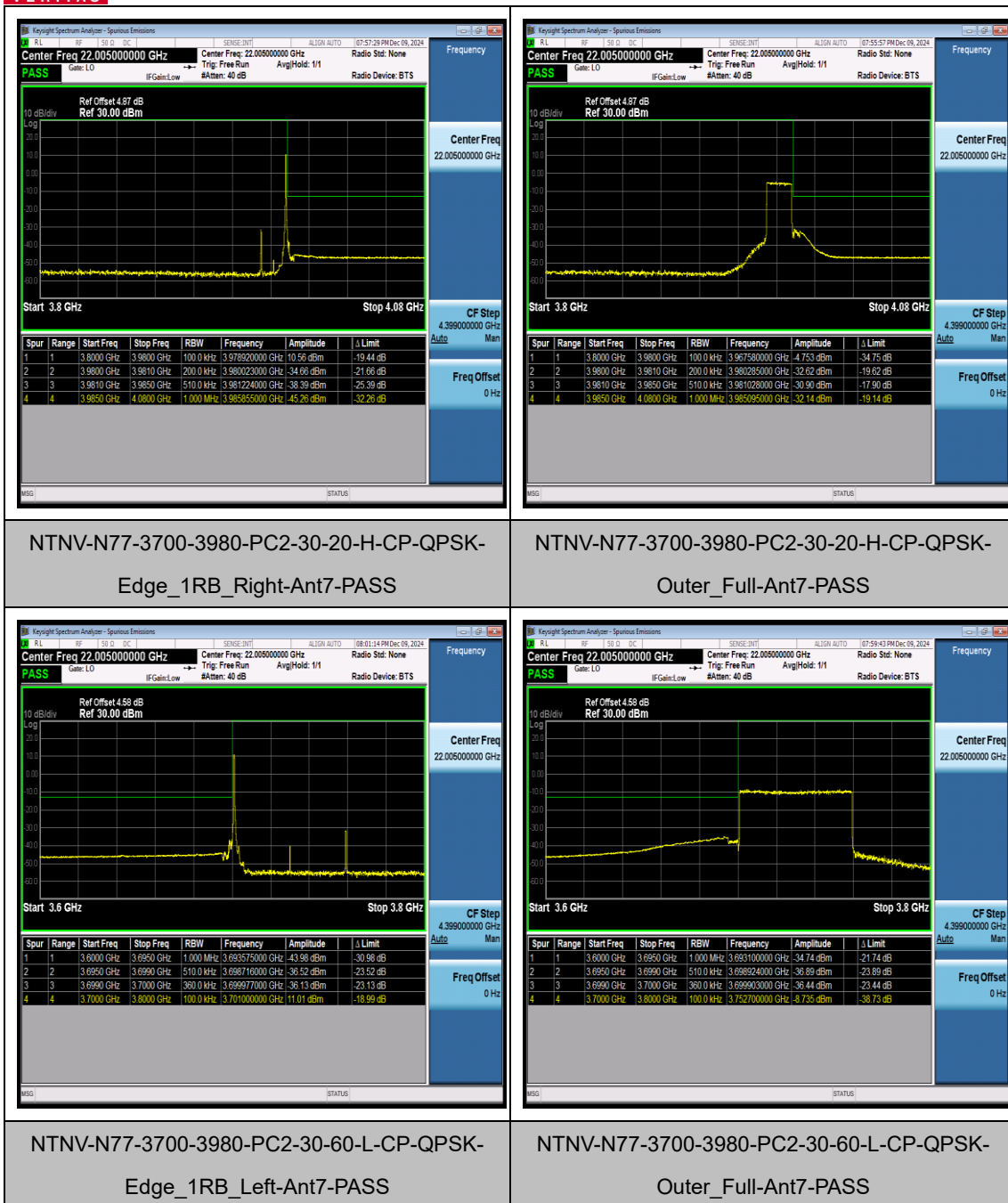
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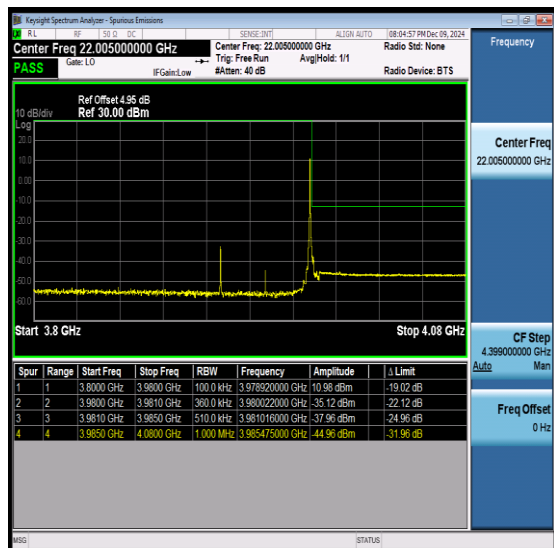
Edge_1RB_Left-Ant7-PASS



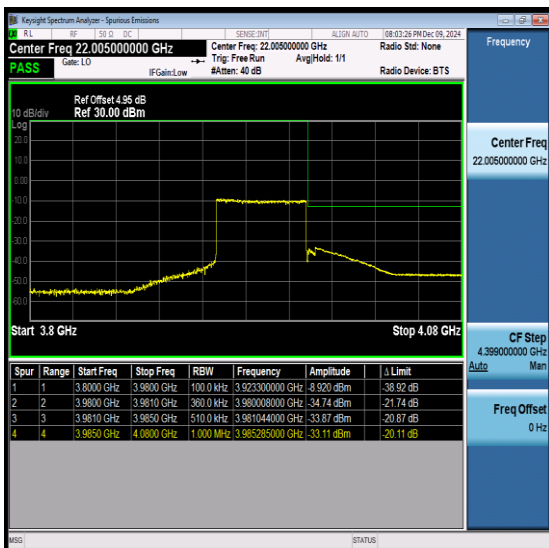
NTNV-N77-3700-3980-PC2-30-20-L-CP-QPSK-

Outer_Full-Ant7-PASS

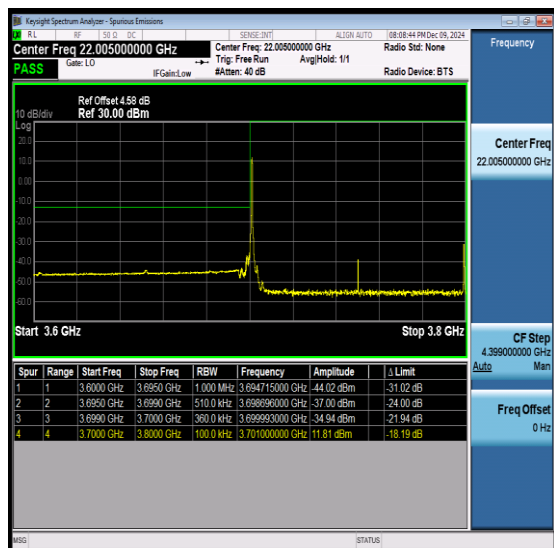




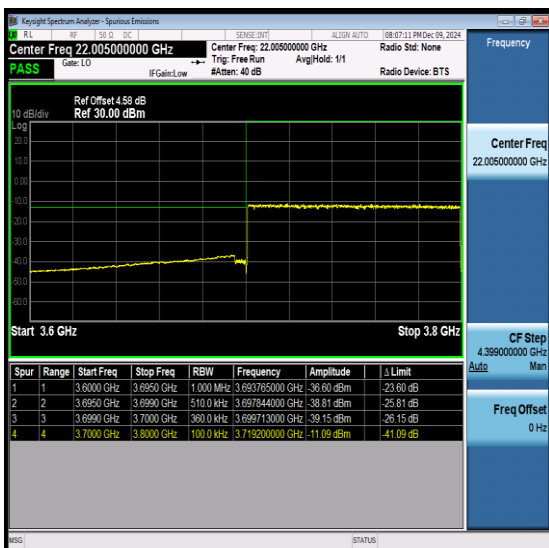
NTNV-N77-3700-3980-PC2-30-60-H-CP-QPSK-
Edge_1RB_Right-Ant7-PASS



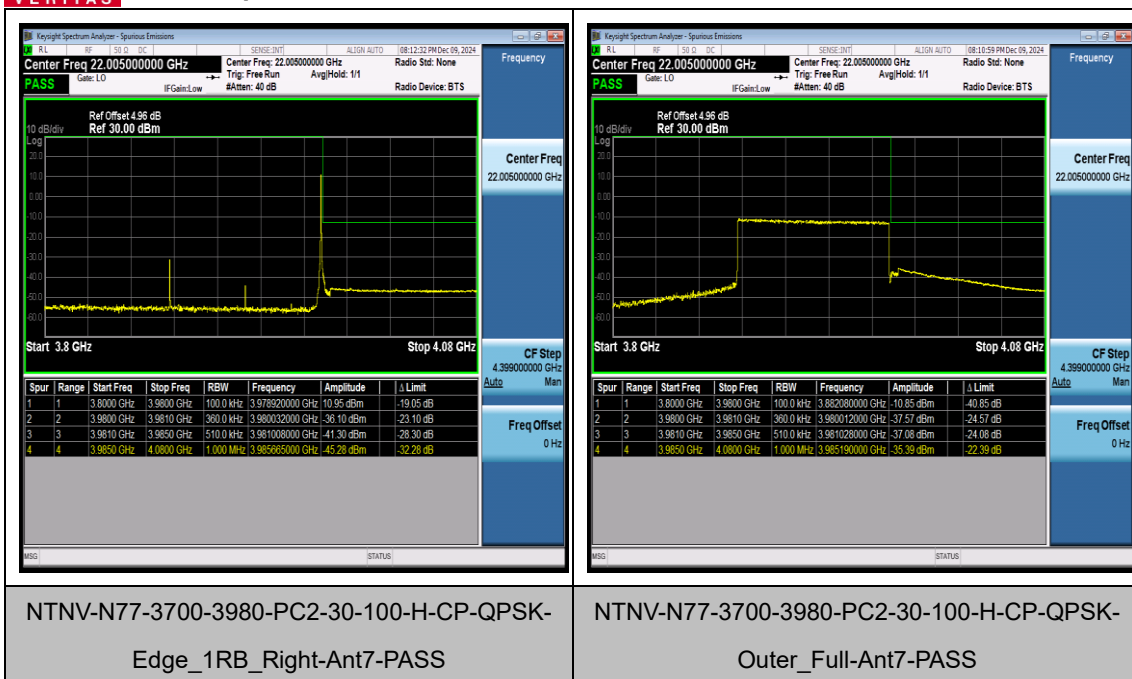
NTNV-N77-3700-3980-PC2-30-60-H-CP-QPSK-
Outer_Full-Ant7-PASS



NTNV-N77-3700-3980-PC2-30-100-L-CP-QPSK-
Edge_1RB_Left-Ant7-PASS



NTNV-N77-3700-3980-PC2-30-100-L-CP-QPSK-
Outer_Full-Ant7-PASS





CONDUCTED SPURIOUS EMISSION FOR MIMO

TEST RESULT-ANT1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N77-3700-3980	30	20	CP-QPSK	L	Edge_1RB_Left	30	1000	-47.84	-13	PASS
N77-3700-3980	30	20	CP-QPSK	L	Edge_1RB_Left	1000	40000	-25.60	-13	PASS
N77-3700-3980	30	20	CP-QPSK	M	Edge_1RB_Left	30	1000	-47.69	-13	PASS
N77-3700-3980	30	20	CP-QPSK	M	Edge_1RB_Left	1000	40000	-25.80	-13	PASS
N77-3700-3980	30	20	CP-QPSK	H	Edge_1RB_Left	30	1000	-47.54	-13	PASS
N77-3700-3980	30	20	CP-QPSK	H	Edge_1RB_Left	1000	40000	-25.33	-13	PASS
N77-3700-3980	30	60	CP-QPSK	L	Edge_1RB_Left	30	1000	-47.82	-13	PASS
N77-3700-3980	30	60	CP-QPSK	L	Edge_1RB_Left	1000	40000	-25.87	-13	PASS
N77-3700-3980	30	60	CP-QPSK	M	Edge_1RB_Left	30	1000	-47.70	-13	PASS
N77-3700-3980	30	60	CP-QPSK	M	Edge_1RB_Left	1000	40000	-25.67	-13	PASS
N77-3700-3980	30	60	CP-QPSK	H	Edge_1RB_Left	30	1000	-47.84	-13	PASS



3700-3980										
N77-3700-3980	30	60	CP-QPSK	H	Edge_1RB_Left	1000	40000	-25.73	-13	PASS
N77-3700-3980	30	100	CP-QPSK	L	Edge_1RB_Left	30	1000	-47.65	-13	PASS
N77-3700-3980	30	100	CP-QPSK	L	Edge_1RB_Left	1000	40000	-25.85	-13	PASS
N77-3700-3980	30	100	CP-QPSK	M	Edge_1RB_Left	30	1000	-47.66	-13	PASS
N77-3700-3980	30	100	CP-QPSK	M	Edge_1RB_Left	1000	40000	-25.69	-13	PASS
N77-3700-3980	30	100	CP-QPSK	H	Edge_1RB_Left	30	1000	-47.93	-13	PASS
N77-3700-3980	30	100	CP-QPSK	H	Edge_1RB_Left	1000	40000	-25.66	-13	PASS

TEST RESULT-ANT7

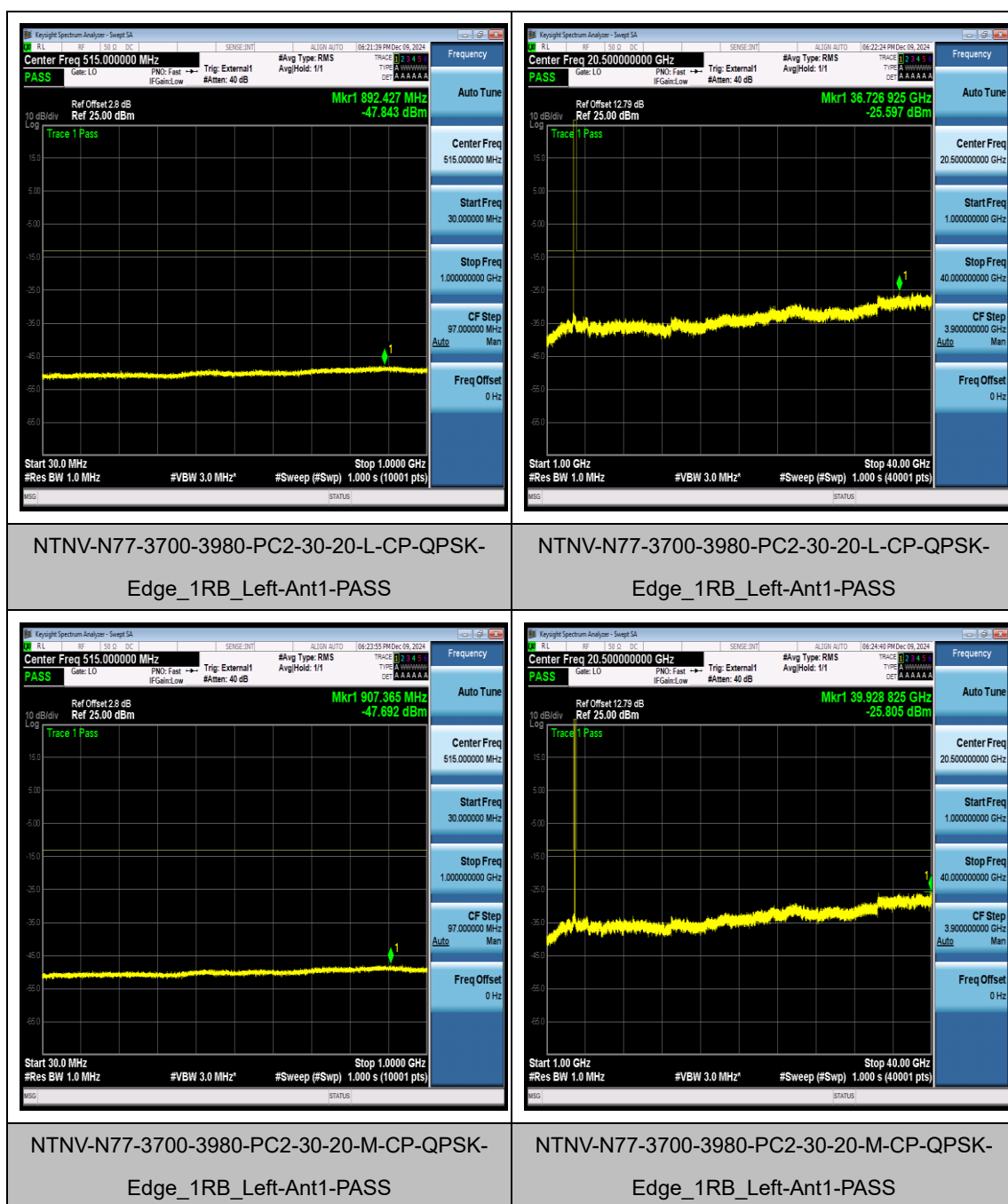
Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N77-3700-3980	30	20	CP-QPSK	L	Edge_1RB_Left	30	1000	-47.67	-13	PASS
N77-3700-3980	30	20	CP-QPSK	L	Edge_1RB_Left	1000	40000	-25.95	-13	PASS
N77-3700-3980	30	20	CP-QPSK	M	Edge_1RB_Left	30	1000	-47.93	-13	PASS
N77-3700-3980	30	20	CP-QPSK	M	Edge_1RB_Left	1000	40000	-25.78	-13	PASS

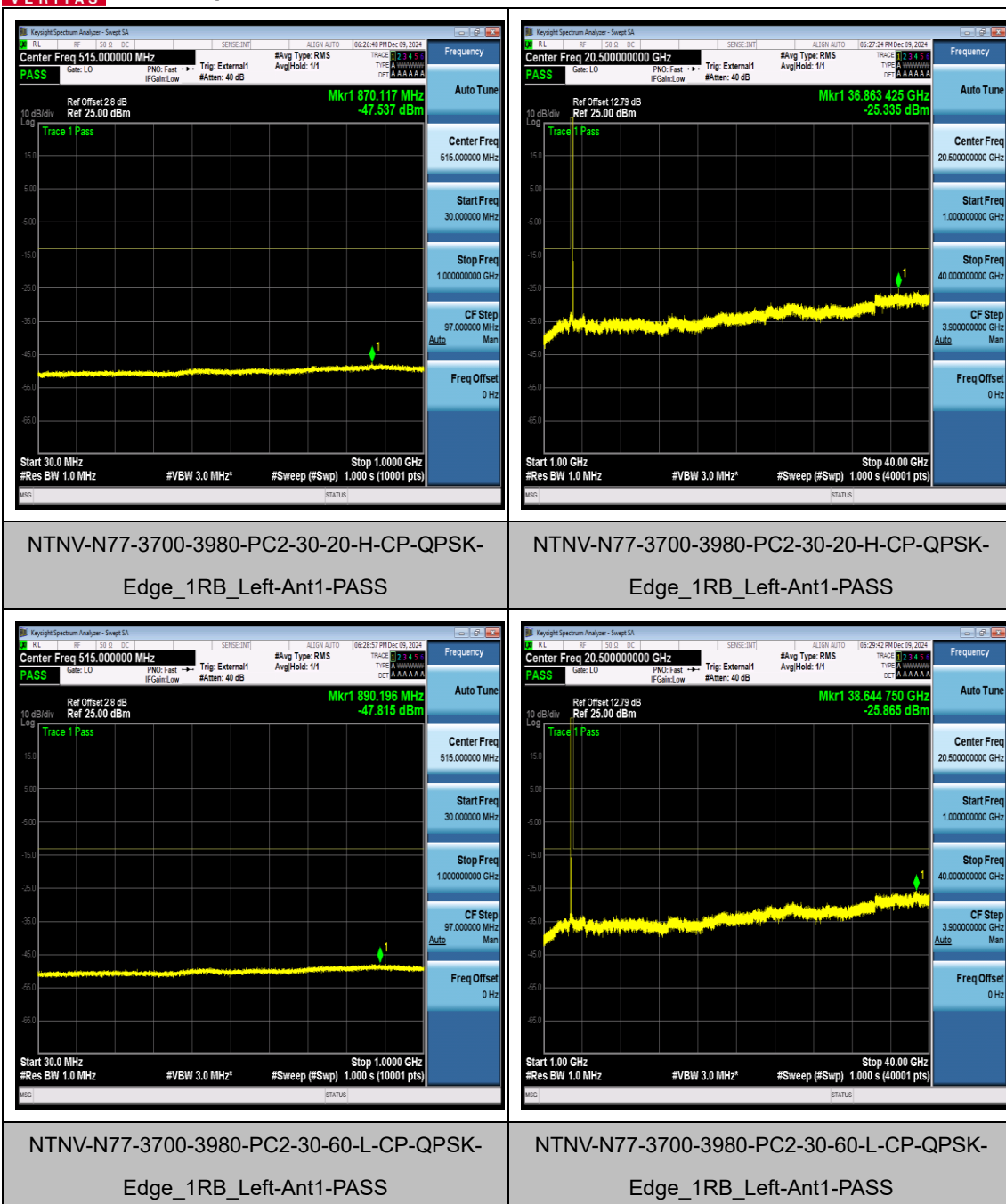


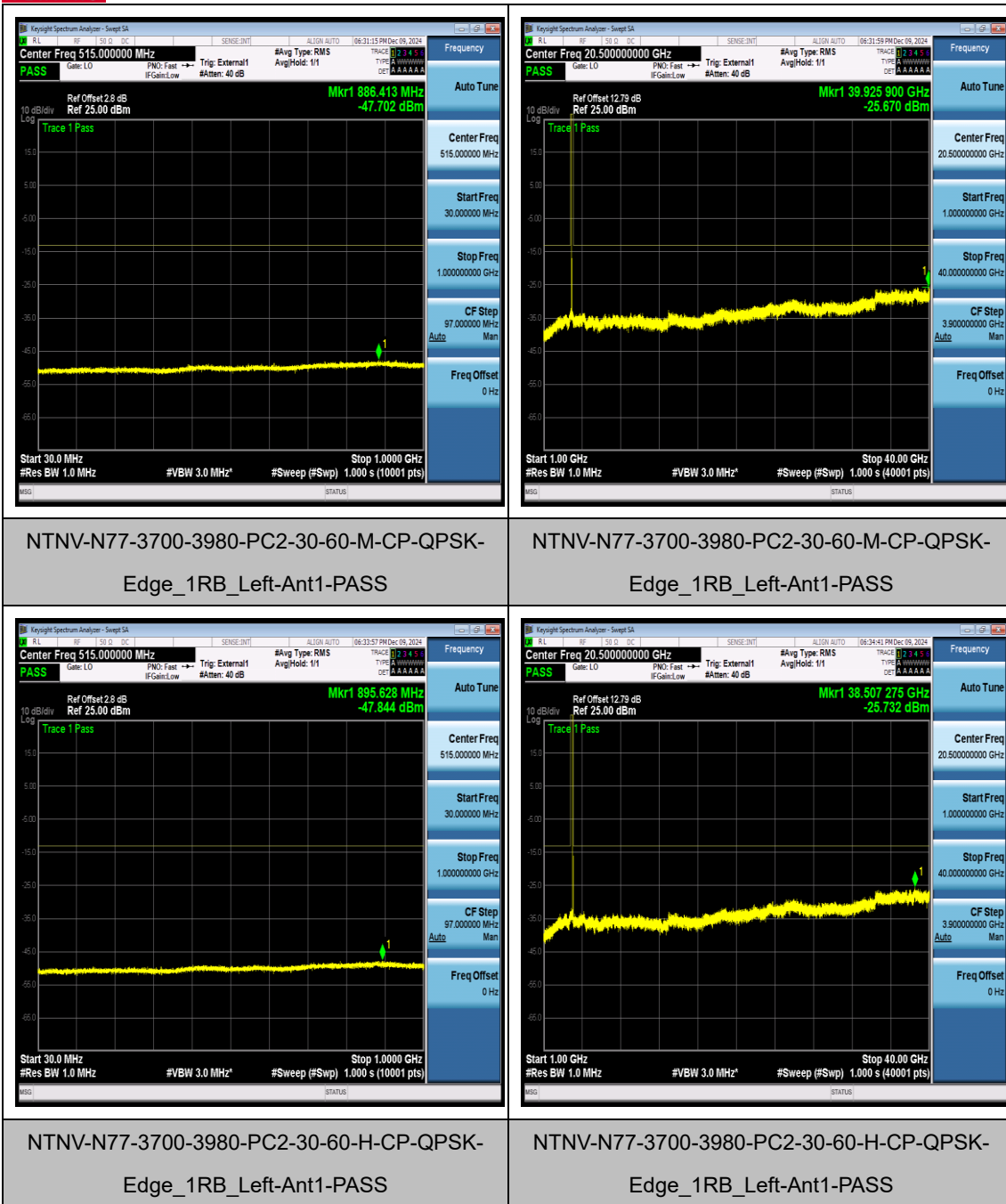
3700-3980										
N77-3700-3980	30	20	CP-QPSK	H	Edge_1RB_Left	30	1000	-47.66	-13	PASS
N77-3700-3980	30	20	CP-QPSK	H	Edge_1RB_Left	1000	40000	-25.85	-13	PASS
N77-3700-3980	30	60	CP-QPSK	L	Edge_1RB_Left	30	1000	-47.44	-13	PASS
N77-3700-3980	30	60	CP-QPSK	L	Edge_1RB_Left	1000	40000	-25.80	-13	PASS
N77-3700-3980	30	60	CP-QPSK	M	Edge_1RB_Left	30	1000	-47.52	-13	PASS
N77-3700-3980	30	60	CP-QPSK	M	Edge_1RB_Left	1000	40000	-25.16	-13	PASS
N77-3700-3980	30	60	CP-QPSK	H	Edge_1RB_Left	30	1000	-47.72	-13	PASS
N77-3700-3980	30	60	CP-QPSK	H	Edge_1RB_Left	1000	40000	-25.91	-13	PASS
N77-3700-3980	30	100	CP-QPSK	L	Edge_1RB_Left	30	1000	-47.77	-13	PASS
N77-3700-3980	30	100	CP-QPSK	L	Edge_1RB_Left	1000	40000	-25.76	-13	PASS
N77-3700-3980	30	100	CP-QPSK	M	Edge_1RB_Left	30	1000	-47.51	-13	PASS
N77-3700-3980	30	100	CP-QPSK	M	Edge_1RB_Left	1000	40000	-25.67	-13	PASS

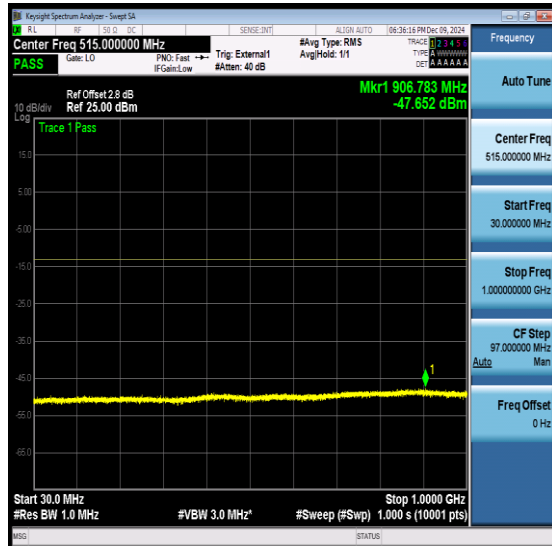


3980										
N77- 3700- 3980	30	100	CP-QPSK	H	Edge_1RB_Left	30	1000	-47.84	-13	PASS
N77- 3700- 3980	30	100	CP-QPSK	H	Edge_1RB_Left	1000	40000	-25.73	-13	PASS

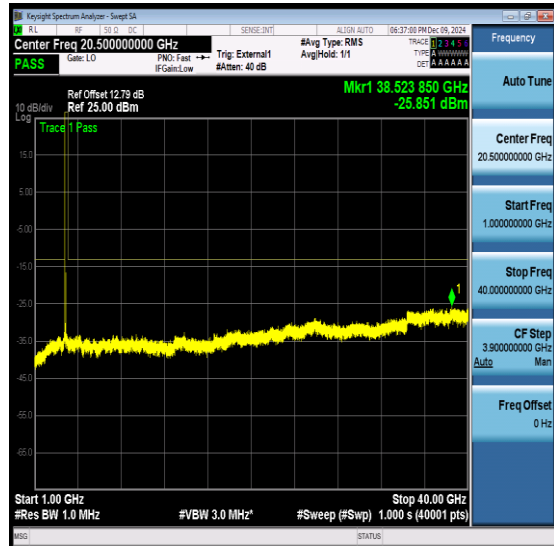




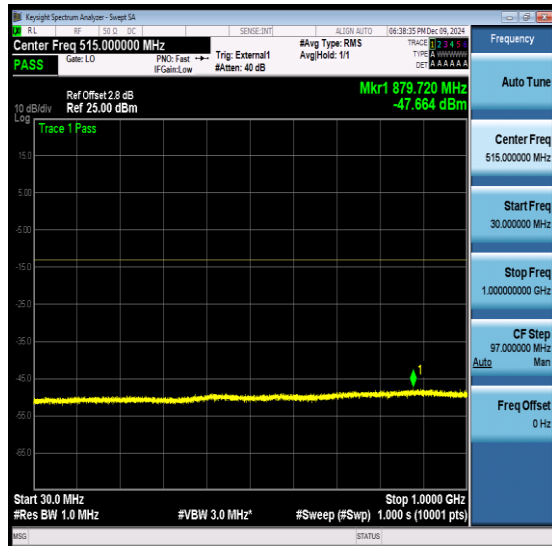




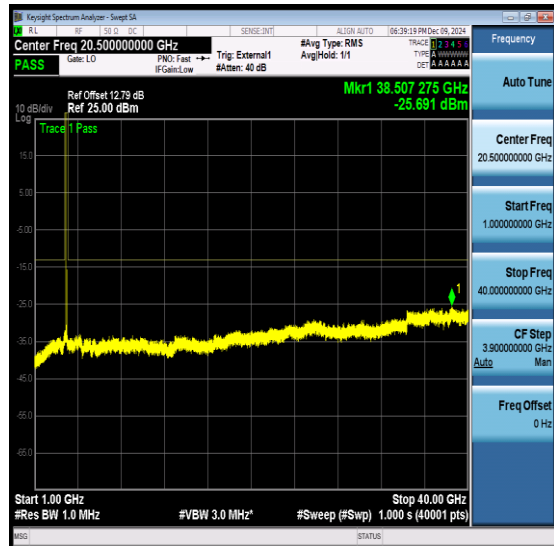
NTNV-N77-3700-3980-PC2-30-100-L-CP-QPSK-
Edge_1RB_Left-Ant1-PASS



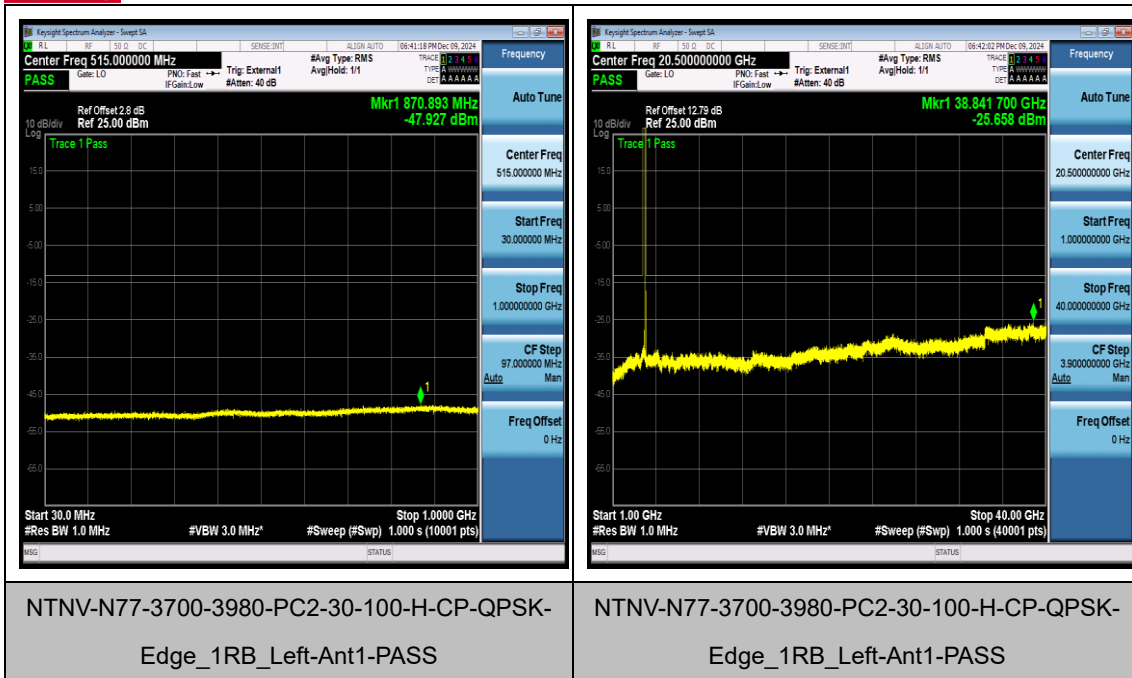
NTNV-N77-3700-3980-PC2-30-100-L-CP-QPSK-
Edge_1RB_Left-Ant1-PASS



NTNV-N77-3700-3980-PC2-30-100-M-CP-QPSK-
Edge_1RB_Left-Ant1-PASS



NTNV-N77-3700-3980-PC2-30-100-M-CP-QPSK-
Edge_1RB_Left-Ant1-PASS



TEST GRAPHS-ANT7

