



BUREAU
VERITAS

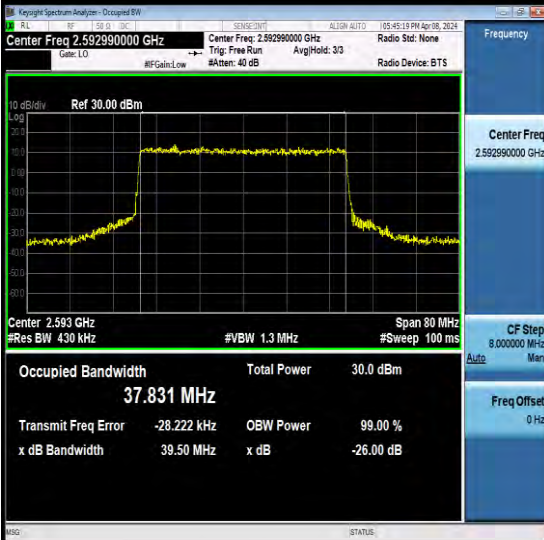
Test Report No.: PSU-QSU2312140113RF07



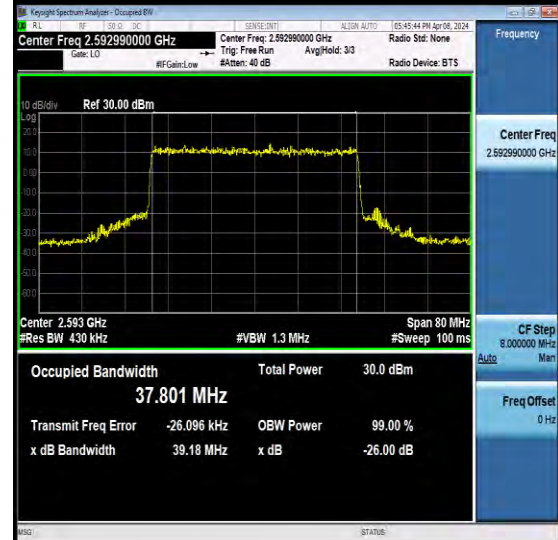
NTNV-N41-PC2-30-40-M-CP-QPSK-Outer Full-Ant2-PASS



NTNV-N41-PC2-30-40-M-CP-16QAM-Outer Full-Ant2-PASS



NTNV-N41-PC2-30-40-M-CP-64QAM-Outer_Full-Ant2-PASS



NTNV-N41-PC2-30-40-M-CP-256QAM-Outer_Full-Ant2-PASS



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



NTNV-N41-PC2-30-50-M-CP-QPSK-Outer Full-Ant2-PASS



NTNV-N41-PC2-30-50-M-CP-16QAM-Outer Full-Ant2-PASS



NTNV-N41-PC2-30-50-M-CP-64QAM-Outer_Full-Ant2-PASS



NTNV-N41-PC2-30-50-M-CP-256QAM-Outer_Full-Ant2-PASS



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



NTNV-N41-PC2-30-60-M-CP-QPSK-Outer Full-Ant2-PASS



NTNV-N41-PC2-30-60-M-CP-16QAM-Outer Full-Ant2-PASS



NTNV-N41-PC2-30-60-M-CP-64QAM-Outer_Full-Ant2-PASS



NTNV-N41-PC2-30-60-M-CP-256QAM-Outer_Full-Ant2-PASS



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



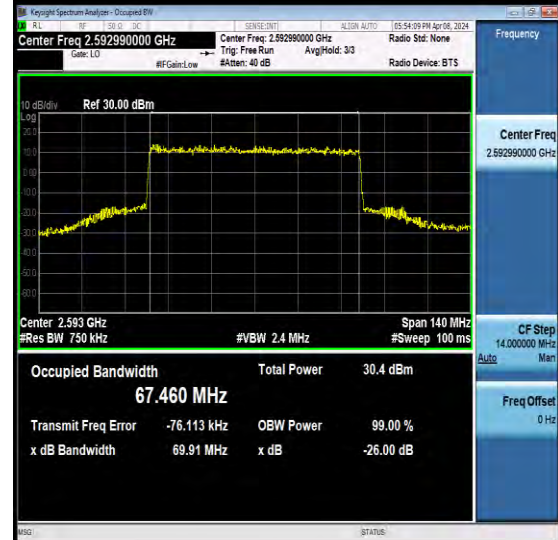
NTNV-N41-PC2-30-70-M-CP-QPSK-Outer Full-Ant2-PASS



NTNV-N41-PC2-30-70-M-CP-16QAM-Outer Full-Ant2-PASS



NTNV-N41-PC2-30-70-M-CP-64QAM-Outer_Full-Ant2-PASS



NTNV-N41-PC2-30-70-M-CP-256QAM-Outer_Full-Ant2-PASS



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



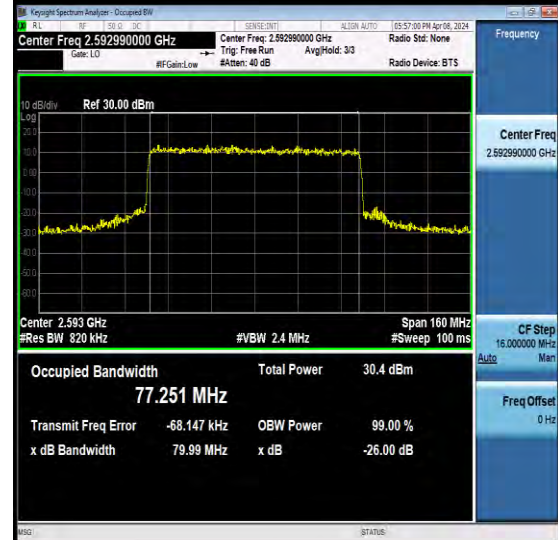
NTNV-N41-PC2-30-80-M-CP-QPSK-Outer Full-Ant2-PASS



NTNV-N41-PC2-30-80-M-CP-16QAM-Outer Full-Ant2-PASS



NTNV-N41-PC2-30-80-M-CP-64QAM-Outer_Full-Ant2-PASS



NTNV-N41-PC2-30-80-M-CP-256QAM-Outer_Full-Ant2-PASS



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



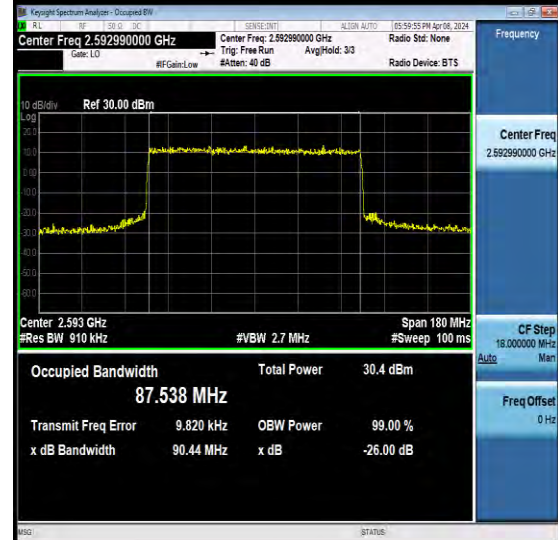
NTNV-N41-PC2-30-90-M-CP-QPSK-Outer Full-Ant2-PASS



NTNV-N41-PC2-30-90-M-CP-16QAM-Outer Full-Ant2-PASS



NTNV-N41-PC2-30-90-M-CP-64QAM-Outer_Full-Ant2-PASS



NTNV-N41-PC2-30-90-M-CP-256QAM-Outer_Full-Ant2-PASS

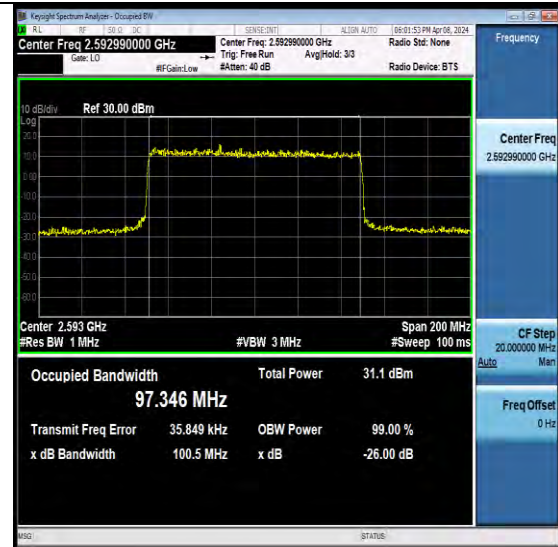


BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



NTNV-N41-PC2-30-100-M-CP-QPSK-Outer_Full-Ant2-PASS



NTNV-N41-PC2-30-100-M-CP-16QAM-Outer_Full-Ant2-PASS

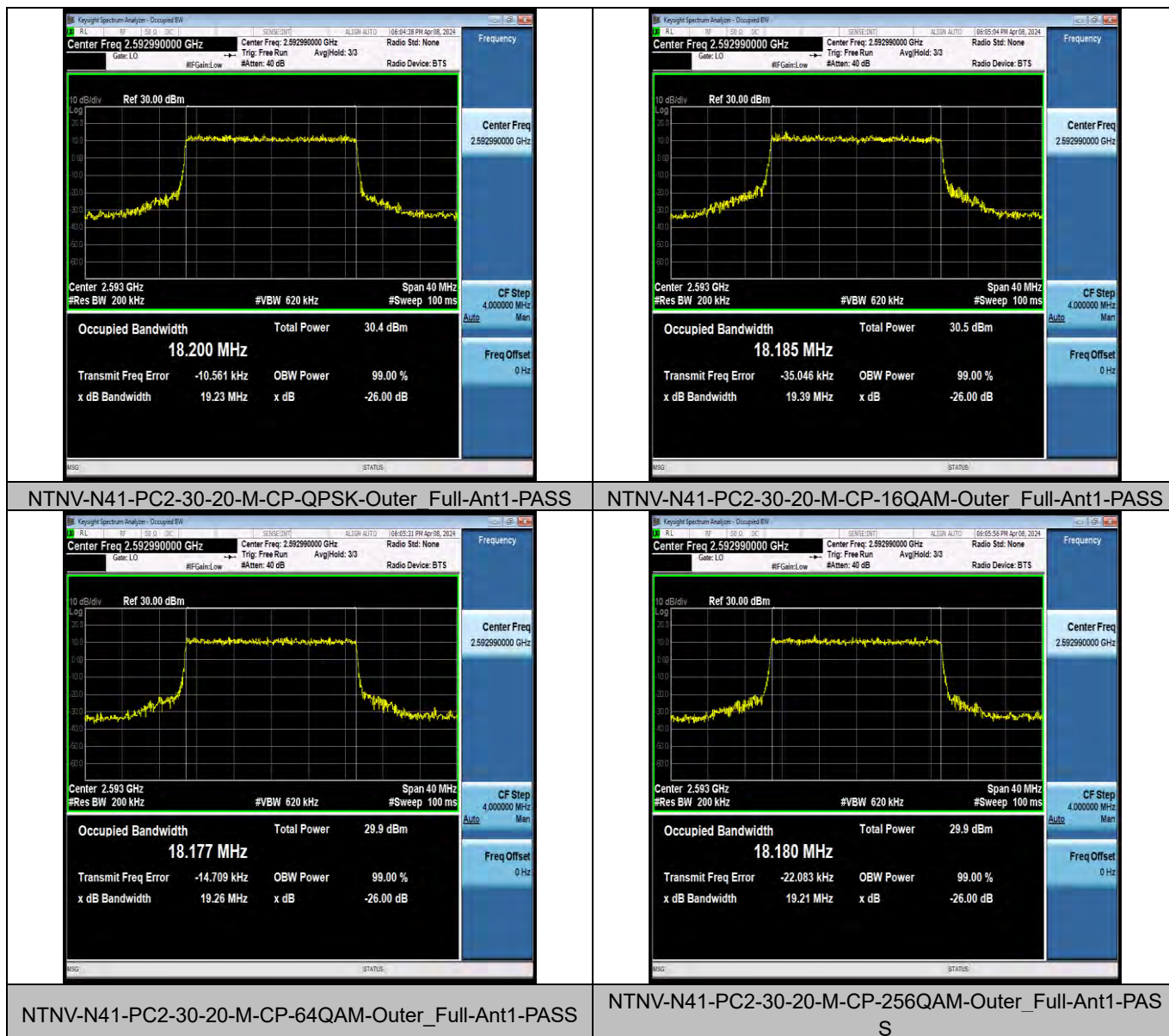


NTNV-N41-PC2-30-100-M-CP-64QAM-Outer_Full-Ant2-PASS



NTNV-N41-PC2-30-100-M-CP-256QAM-Outer_Full-Ant2-PASS

Test Graphs-Ant1





BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



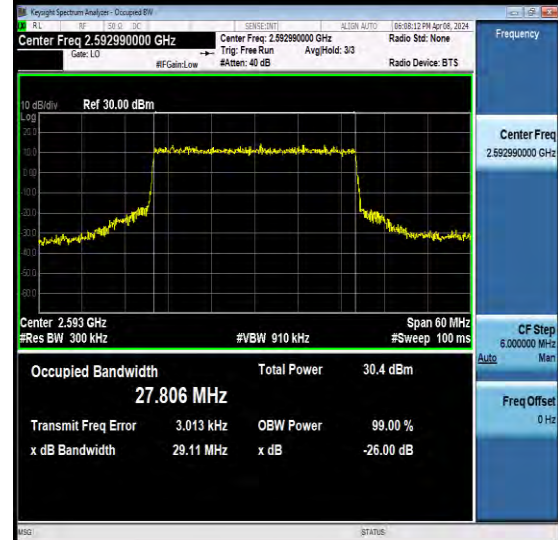
NTNV-N41-PC2-30-30-M-CP-QPSK-Outer Full-Ant1-PASS



NTNV-N41-PC2-30-30-M-CP-16QAM-Outer Full-Ant1-PASS



NTNV-N41-PC2-30-30-M-CP-64QAM-Outer_Full-Ant1-PASS



NTNV-N41-PC2-30-30-M-CP-256QAM-Outer_Full-Ant1-PASS



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



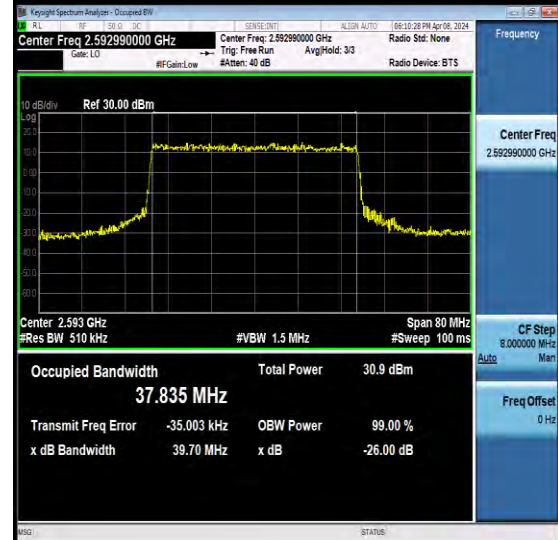
NTNV-N41-PC2-30-40-M-CP-QPSK-Outer Full-Ant1-PASS



NTNV-N41-PC2-30-40-M-CP-16QAM-Outer Full-Ant1-PASS



NTNV-N41-PC2-30-40-M-CP-64QAM-Outer_Full-Ant1-PASS



NTNV-N41-PC2-30-40-M-CP-256QAM-Outer_Full-Ant1-PASS



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



NTNV-N41-PC2-30-50-M-CP-QPSK-Outer Full-Ant1-PASS



NTNV-N41-PC2-30-50-M-CP-16QAM-Outer Full-Ant1-PASS



NTNV-N41-PC2-30-50-M-CP-64QAM-Outer_Full-Ant1-PASS



NTNV-N41-PC2-30-50-M-CP-256QAM-Outer_Full-Ant1-PASS

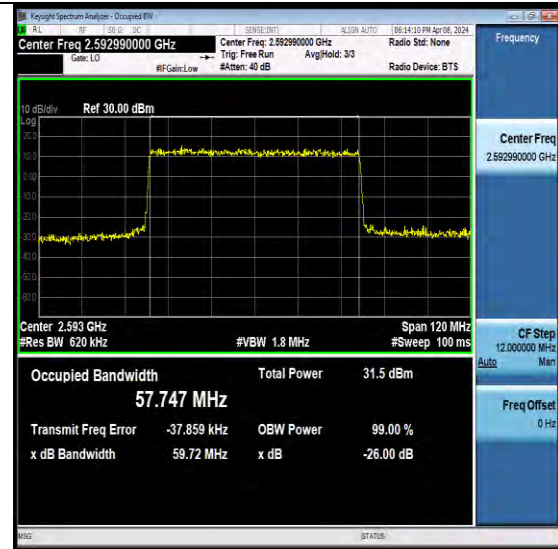


BUREAU
VERITAS

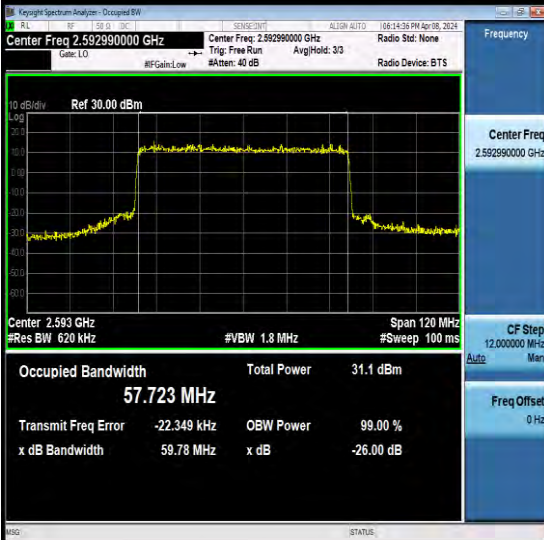
Test Report No.: PSU-QSU2312140113RF07



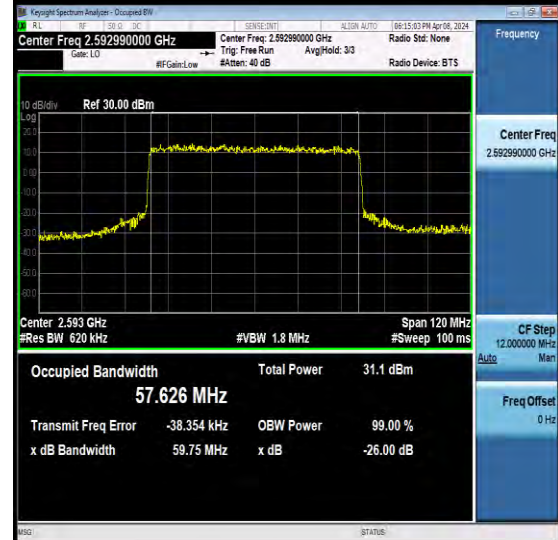
NTNV-N41-PC2-30-60-M-CP-QPSK-Outer Full-Ant1-PASS



NTNV-N41-PC2-30-60-M-CP-16QAM-Outer Full-Ant1-PASS



NTNV-N41-PC2-30-60-M-CP-64QAM-Outer_Full-Ant1-PASS



NTNV-N41-PC2-30-60-M-CP-256QAM-Outer_Full-Ant1-PASS



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



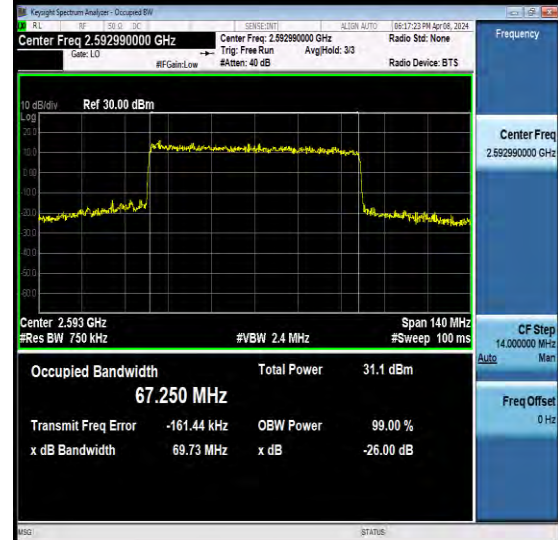
NTNV-N41-PC2-30-70-M-CP-QPSK-Outer Full-Ant1-PASS



NTNV-N41-PC2-30-70-M-CP-16QAM-Outer Full-Ant1-PASS



NTNV-N41-PC2-30-70-M-CP-64QAM-Outer_Full-Ant1-PASS



NTNV-N41-PC2-30-70-M-CP-256QAM-Outer_Full-Ant1-PASS



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



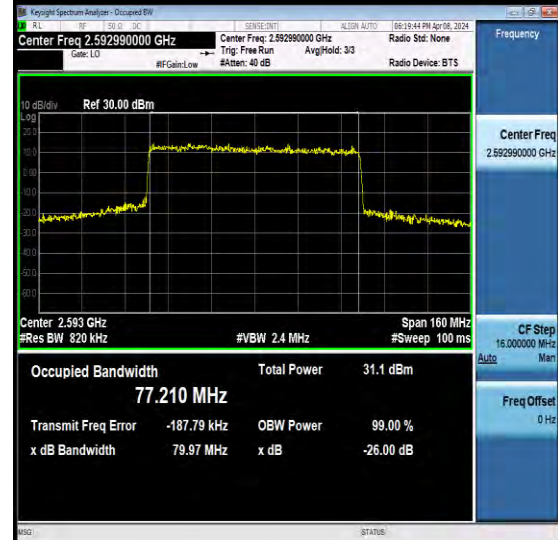
NTNV-N41-PC2-30-80-M-CP-QPSK-Outer Full-Ant1-PASS



NTNV-N41-PC2-30-80-M-CP-16QAM-Outer Full-Ant1-PASS



NTNV-N41-PC2-30-80-M-CP-64QAM-Outer_Full-Ant1-PASS



NTNV-N41-PC2-30-80-M-CP-256QAM-Outer_Full-Ant1-PASS



BUREAU
VERITAS

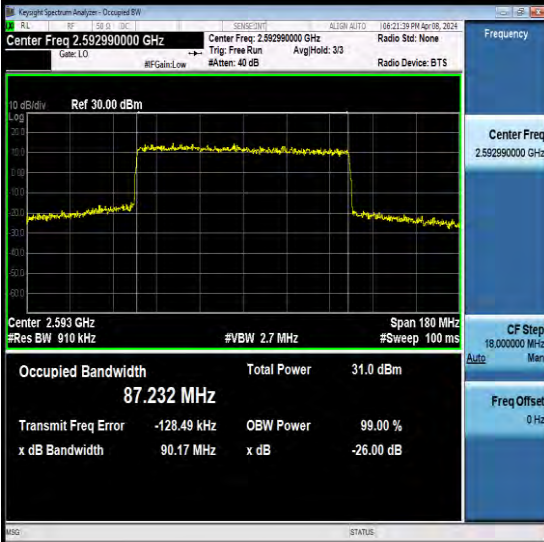
Test Report No.: PSU-QSU2312140113RF07



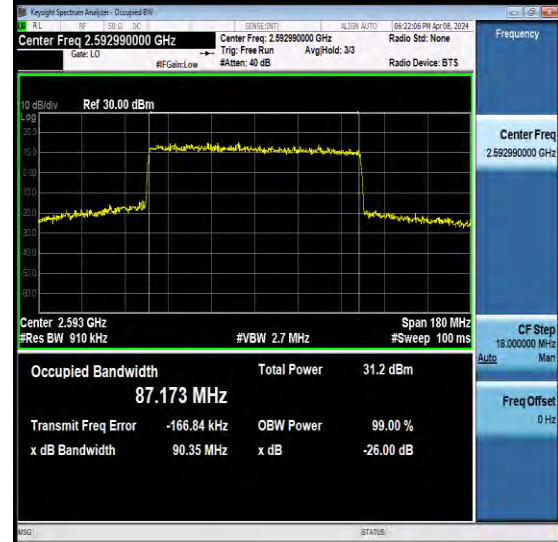
NTNV-N41-PC2-30-90-M-CP-QPSK-Outer Full-Ant1-PASS



NTNV-N41-PC2-30-90-M-CP-16QAM-Outer Full-Ant1-PASS



NTNV-N41-PC2-30-90-M-CP-64QAM-Outer_Full-Ant1-PASS



NTNV-N41-PC2-30-90-M-CP-256QAM-Outer_Full-Ant1-PASS

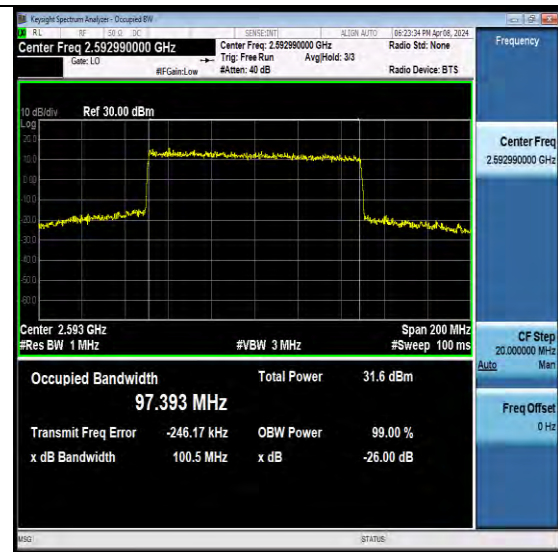


BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



NTNV-N41-PC2-30-100-M-CP-QPSK-Outer_Full-Ant1-PASS



NTNV-N41-PC2-30-100-M-CP-16QAM-Outer_Full-Ant1-PASS



NTNV-N41-PC2-30-100-M-CP-64QAM-Outer_Full-Ant1-PASS



NTNV-N41-PC2-30-100-M-CP-256QAM-Outer_Full-Ant1-PASS

BAND EDGE FOR MIMO

Test Result-Ant2

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N41	30	20	CP-QPSK	L	Outer_Full	-37.25	PASS
N41	30	20	CP-QPSK	L	Edge_1RB_ Left	-41.29	PASS
N41	30	20	CP-QPSK	H	Outer_Full	-39.39	PASS
N41	30	20	CP-QPSK	H	Edge_1RB_ Right	-45.85	PASS
N41	30	60	CP-QPSK	L	Outer_Full	-36.63	PASS
N41	30	60	CP-QPSK	L	Edge_1RB_ Left	-28.72	PASS
N41	30	60	CP-QPSK	H	Outer_Full	-38.10	PASS
N41	30	60	CP-QPSK	H	Edge_1RB_ Right	-17.00	PASS
N41	30	100	CP-QPSK	L	Outer_Full	-34.96	PASS
N41	30	100	CP-QPSK	L	Edge_1RB_ Left	-15.39	PASS
N41	30	100	CP-QPSK	H	Outer_Full	-36.56	PASS
N41	30	100	CP-QPSK	H	Edge_1RB_ Right	-17.75	PASS

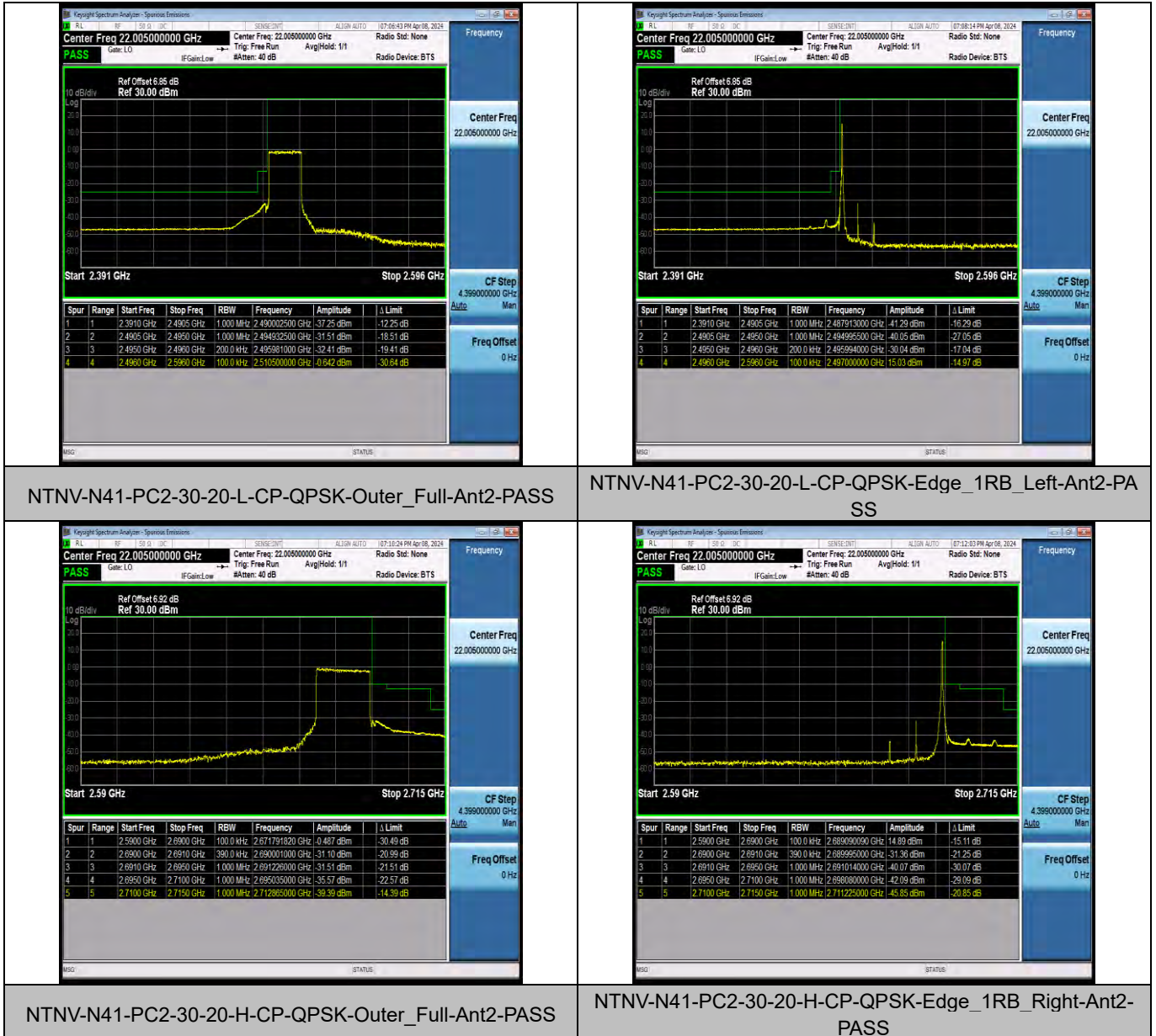
Test Result-Ant1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N41	30	20	CP-QPSK	L	Outer_Full	-36.44	PASS
N41	30	20	CP-QPSK	L	Edge_1RB_ Left	-30.62	PASS
N41	30	20	CP-QPSK	H	Outer_Full	-38.79	PASS
N41	30	20	CP-QPSK	H	Edge_1RB_ Right	-30.11	PASS
N41	30	60	CP-QPSK	L	Outer_Full	-31.65	PASS
N41	30	60	CP-QPSK	L	Edge_1RB_ Left	-27.55	PASS
N41	30	60	CP-QPSK	H	Outer_Full	-35.47	PASS
N41	30	60	CP-QPSK	H	Edge_1RB_ Right	-16.46	PASS
N41	30	100	CP-QPSK	L	Outer_Full	-34.11	PASS
N41	30	100	CP-QPSK	L	Edge_1RB_ Left	-15.47	PASS
N41	30	100	CP-QPSK	H	Outer_Full	-33.77	PASS
N41	30	100	CP-QPSK	H	Edge_1RB_ Right	-16.92	PASS



Test Report No.: PSU-QSU2312140113RF07

Test Graphs-Ant2



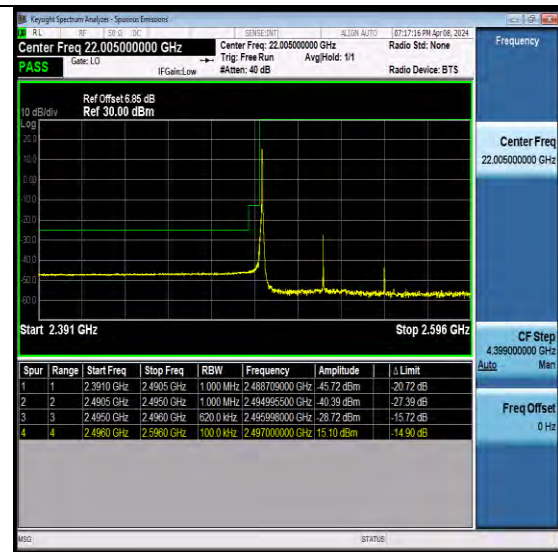


BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



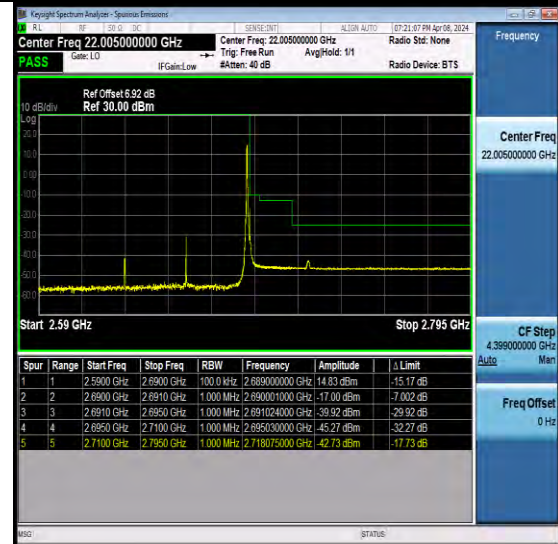
NTNV-N41-PC2-30-60-L-CP-QPSK-Outer_Full-Ant2-PASS



NTNV-N41-PC2-30-60-L-CP-QPSK-Edge_1RB_Left-Ant2-PASS



NTNV-N41-PC2-30-60-H-CP-QPSK-Outer_Full-Ant2-PASS



NTNV-N41-PC2-30-60-H-CP-QPSK-Edge_1RB_Right-Ant2-PASS

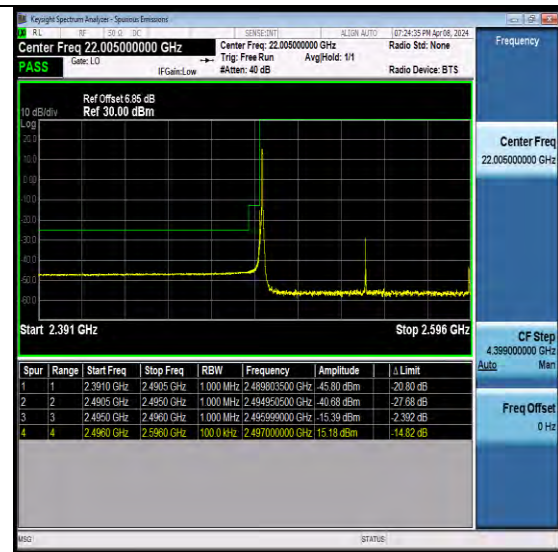


BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



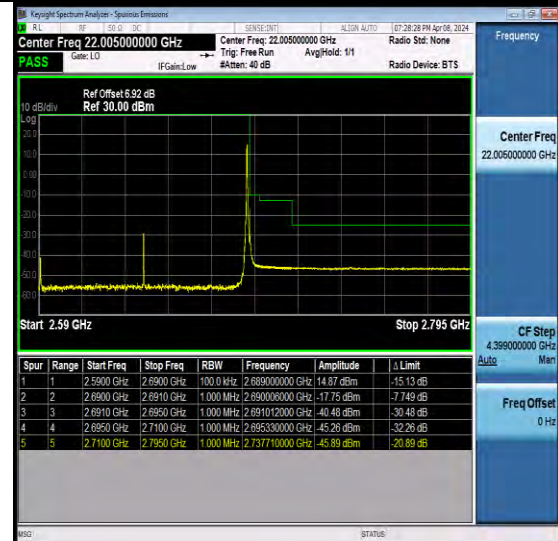
NTNV-N41-PC2-30-100-L-CP-QPSK-Outter_Full-Ant2-PASS



NTNV-N41-PC2-30-100-L-CP-QPSK-Edge_1RB_Left-Ant2-PASS

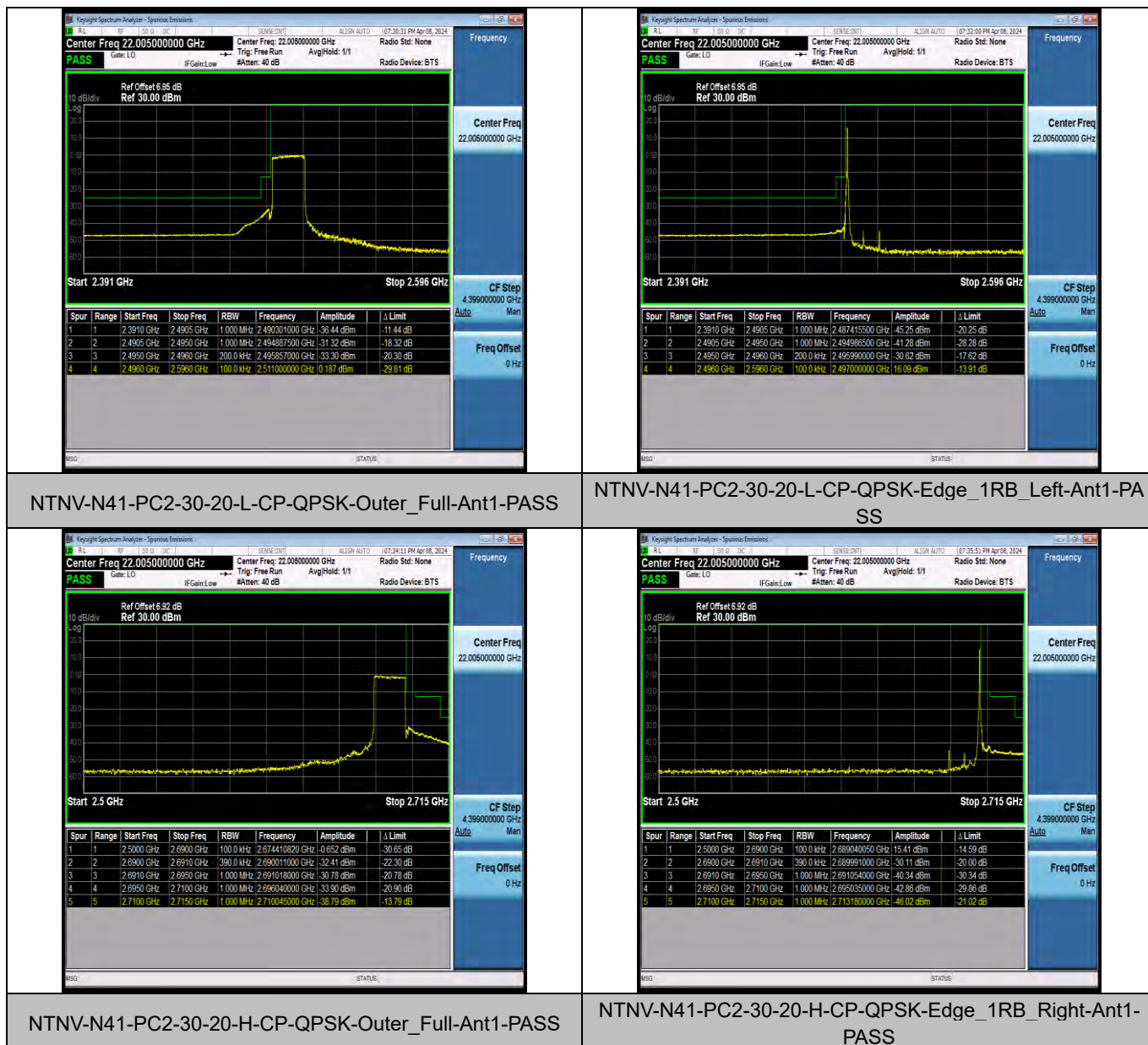


NTNV-N41-PC2-30-100-H-CP-QPSK-Outter_Full-Ant2-PASS



NTNV-N41-PC2-30-100-H-CP-QPSK-Edge_1RB_Right-Ant2-PASS

Test Graphs-Ant1



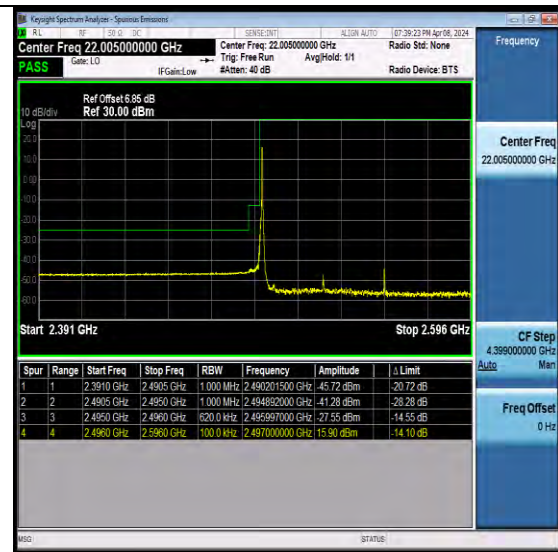


BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



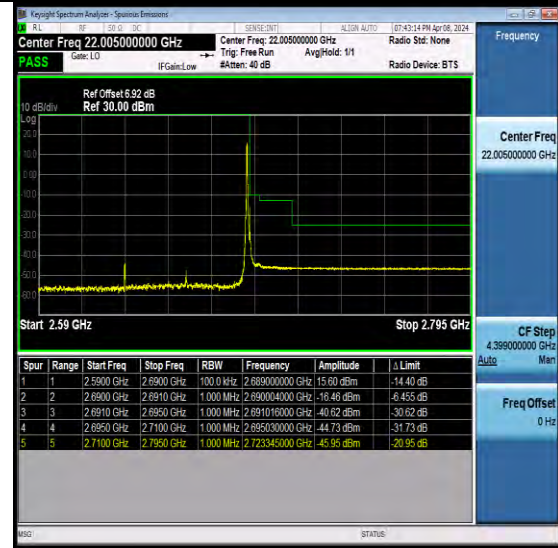
NTNV-N41-PC2-30-60-L-CP-QPSK-Outer_Full-Ant1-PASS



NTNV-N41-PC2-30-60-L-CP-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N41-PC2-30-60-H-CP-QPSK-Outer_Full-Ant1-PASS



NTNV-N41-PC2-30-60-H-CP-QPSK-Edge_1RB_Right-Ant1-PASS

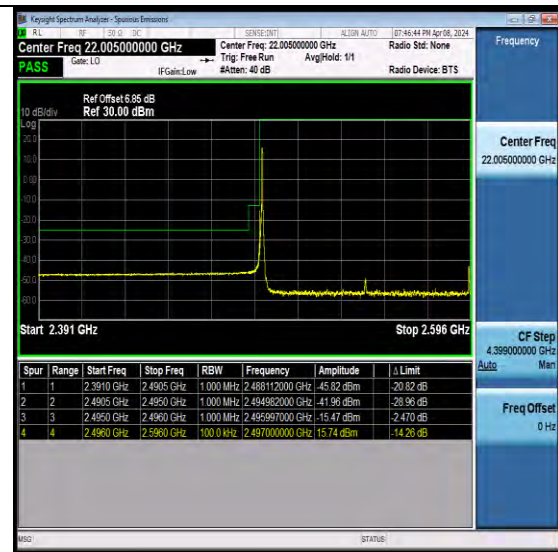


BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



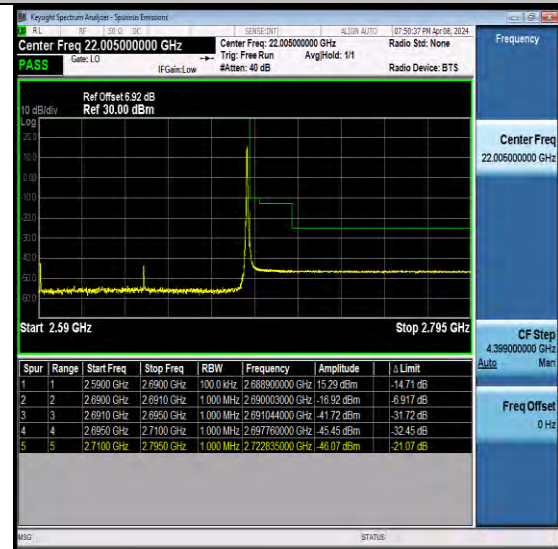
NTNV-N41-PC2-30-100-L-CP-QPSK-Outter_Full-Ant1-PASS



NTNV-N41-PC2-30-100-L-CP-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N41-PC2-30-100-H-CP-QPSK-Outter_Full-Ant1-PASS



NTNV-N41-PC2-30-100-H-CP-QPSK-Edge_1RB_Right-Ant1-PASS



Test Report No.: PSU-QSU2312140113RF07

CONDUCTED SPURIOUS EMISSION FOR MIMO

Test Result-ANT2

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N41	30	20	CP-QPSK	L	Edge 1RB Left	30	1000	-45.01	-25	PASS
N41	30	20	CP-QPSK	L	Edge 1RB Left	1000	27000	-28.13	-25	PASS
N41	30	20	CP-QPSK	M	Edge 1RB Left	30	1000	-44.80	-25	PASS
N41	30	20	CP-QPSK	M	Edge 1RB Left	1000	27000	-28.69	-25	PASS
N41	30	20	CP-QPSK	H	Edge 1RB Left	30	1000	-44.91	-25	PASS
N41	30	20	CP-QPSK	H	Edge 1RB Left	1000	27000	-27.98	-25	PASS
N41	30	60	CP-QPSK	L	Edge 1RB Left	30	1000	-45.15	-25	PASS
N41	30	60	CP-QPSK	L	Edge 1RB Left	1000	27000	-28.29	-25	PASS
N41	30	60	CP-QPSK	M	Edge 1RB Left	30	1000	-45.13	-25	PASS
N41	30	60	CP-QPSK	M	Edge 1RB Left	1000	27000	-27.91	-25	PASS
N41	30	60	CP-QPSK	H	Edge 1RB Left	30	1000	-45.25	-25	PASS
N41	30	60	CP-QPSK	H	Edge 1RB Left	1000	27000	-28.62	-25	PASS
N41	30	100	CP-QPSK	L	Edge 1RB Left	30	1000	-45.14	-25	PASS
N41	30	100	CP-QPSK	L	Edge 1RB Left	1000	27000	-28.03	-25	PASS
N41	30	100	CP-QPSK	M	Edge 1RB Left	30	1000	-45.04	-25	PASS
N41	30	100	CP-QPSK	M	Edge 1RB Left	1000	27000	-28.62	-25	PASS
N41	30	100	CP-QPSK	H	Edge 1RB Left	30	1000	-44.78	-25	PASS
N41	30	100	CP-QPSK	H	Edge 1RB Left	1000	27000	-28.47	-25	PASS

Test Result-ANT1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N41	30	20	CP-QPSK	L	Edge 1RB Left	30	1000	-44.81	-25	PASS
N41	30	20	CP-QPSK	L	Edge 1RB Left	1000	27000	-28.10	-25	PASS
N41	30	20	CP-QPSK	M	Edge 1RB Left	30	1000	-45.11	-25	PASS
N41	30	20	CP-QPSK	M	Edge 1RB Left	1000	27000	-28.63	-25	PASS
N41	30	20	CP-QPSK	H	Edge 1RB Left	30	1000	-45.01	-25	PASS
N41	30	20	CP-QPSK	H	Edge 1RB Left	1000	27000	-28.41	-25	PASS
N41	30	60	CP-QPSK	L	Edge 1RB Left	30	1000	-45.11	-25	PASS
N41	30	60	CP-QPSK	L	Edge 1RB Left	1000	27000	-28.49	-25	PASS
N41	30	60	CP-QPSK	M	Edge 1RB Left	30	1000	-45.15	-25	PASS
N41	30	60	CP-QPSK	M	Edge 1RB Left	1000	27000	-28.31	-25	PASS
N41	30	60	CP-QPSK	H	Edge 1RB Left	30	1000	-45.00	-25	PASS
N41	30	60	CP-QPSK	H	Edge 1RB Left	1000	27000	-28.39	-25	PASS
N41	30	100	CP-QPSK	L	Edge 1RB Left	30	1000	-44.99	-25	PASS
N41	30	100	CP-QPSK	L	Edge 1RB Left	1000	27000	-27.93	-25	PASS
N41	30	100	CP-QPSK	M	Edge 1RB Left	30	1000	-45.07	-25	PASS
N41	30	100	CP-QPSK	M	Edge 1RB Left	1000	27000	-28.54	-25	PASS



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07

N41	30	100	CP-QPSK	H	Edge 1RB Left	30	1000	-44.95	-25	PASS
N41	30	100	CP-QPSK	H	Edge 1RB Left	1000	27000	-28.82	-25	PASS



Test Report No.: PSU-QSU2312140113RF07

Test Graphs-Ant2



NTNV-N41-PC2-30-20-L-CP-QPSK-Edge_1RB_Left-Ant2-PA
SS



NTNV-N41-PC2-30-20-L-CP-QPSK-Edge_1RB_Left-Ant2-PA
SS



NTNV-N41-PC2-30-20-M-CP-QPSK-Edge_1RB_Left-Ant2-P
ASS



NTNV-N41-PC2-30-20-M-CP-QPSK-Edge_1RB_Left-Ant2-P
ASS

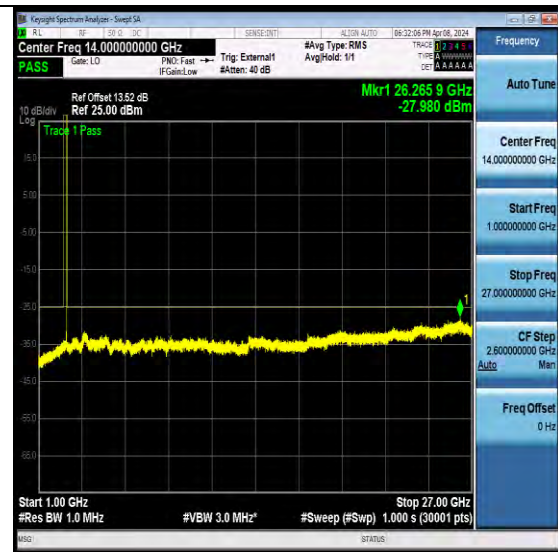


BUREAU
VERITAS

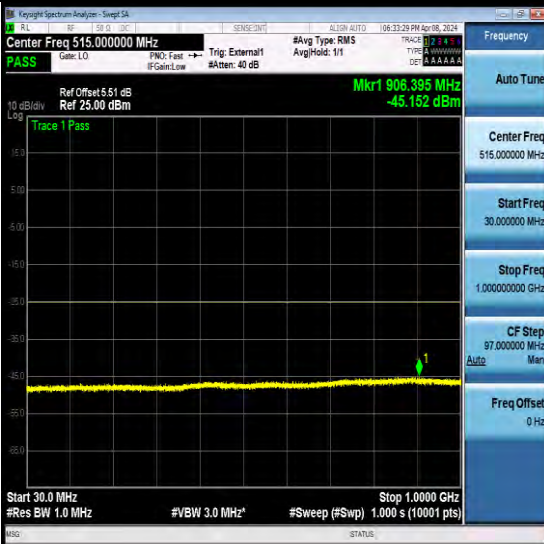
Test Report No.: PSU-QSU2312140113RF07



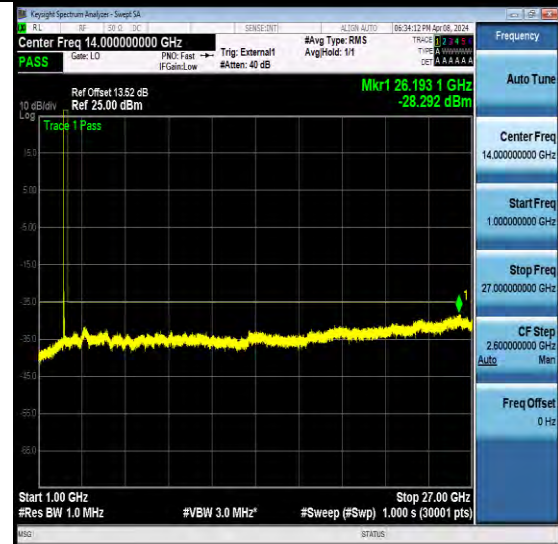
NTNV-N41-PC2-30-20-H-CP-QPSK-Edge_1RB_Left-Ant2-P
ASS



NTNV-N41-PC2-30-20-H-CP-QPSK-Edge_1RB_Left-Ant2-P
ASS



NTNV-N41-PC2-30-60-L-CP-QPSK-Edge_1RB_Left-Ant2-P
SS



NTNV-N41-PC2-30-60-L-CP-QPSK-Edge_1RB_Left-Ant2-P
SS



Test Report No.: PSU-QSU2312140113RF07



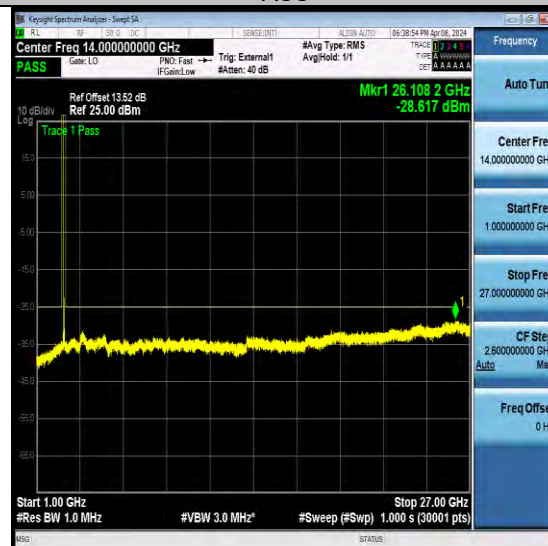
NTNV-N41-PC2-30-60-M-CP-QPSK-Edge_1RB_Left-Ant2-P
ASS



NTNV-N41-PC2-30-60-M-CP-QPSK-Edge_1RB_Left-Ant2-P
ASS



NTNV-N41-PC2-30-60-H-CP-QPSK-Edge_1RB_Left-Ant2-P
ASS



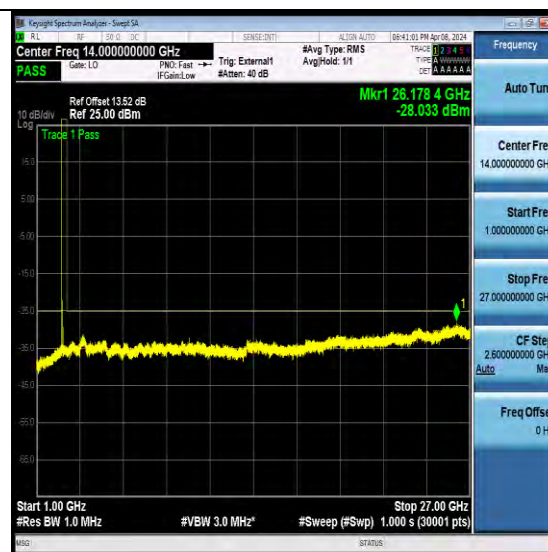
NTNV-N41-PC2-30-60-H-CP-QPSK-Edge_1RB_Left-Ant2-P
ASS



Test Report No.: PSU-QSU2312140113RF07



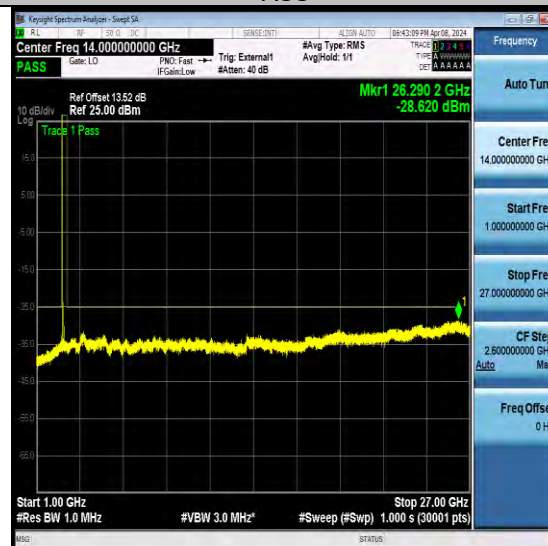
NTNV-N41-PC2-30-100-L-CP-QPSK-Edge_1RB_Left-Ant2-P
ASS



NTNV-N41-PC2-30-100-L-CP-QPSK-Edge_1RB_Left-Ant2-P
ASS



NTNV-N41-PC2-30-100-M-CP-QPSK-Edge_1RB_Left-Ant2-
PASS

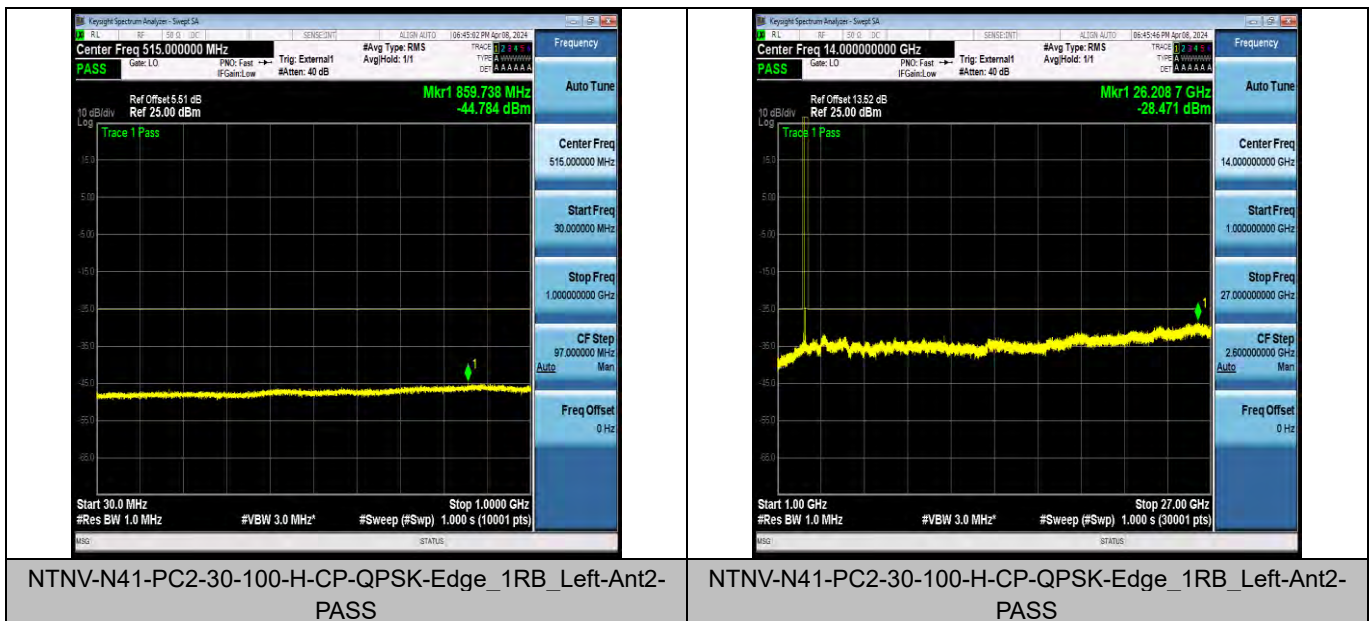


NTNV-N41-PC2-30-100-M-CP-QPSK-Edge_1RB_Left-Ant2-
PASS



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07





Test Report No.: PSU-QSU2312140113RF07

Test Graphs-Ant1



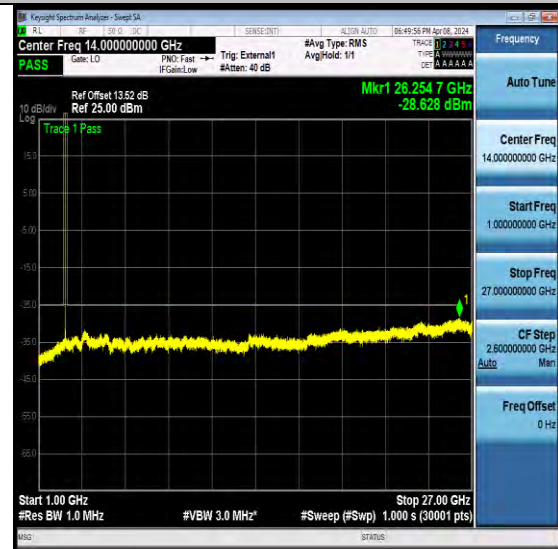
NTNV-N41-PC2-30-20-L-CP-QPSK-Edge_1RB_Left-Ant1-PA
SS



NTNV-N41-PC2-30-20-L-CP-QPSK-Edge_1RB_Left-Ant1-PA
SS



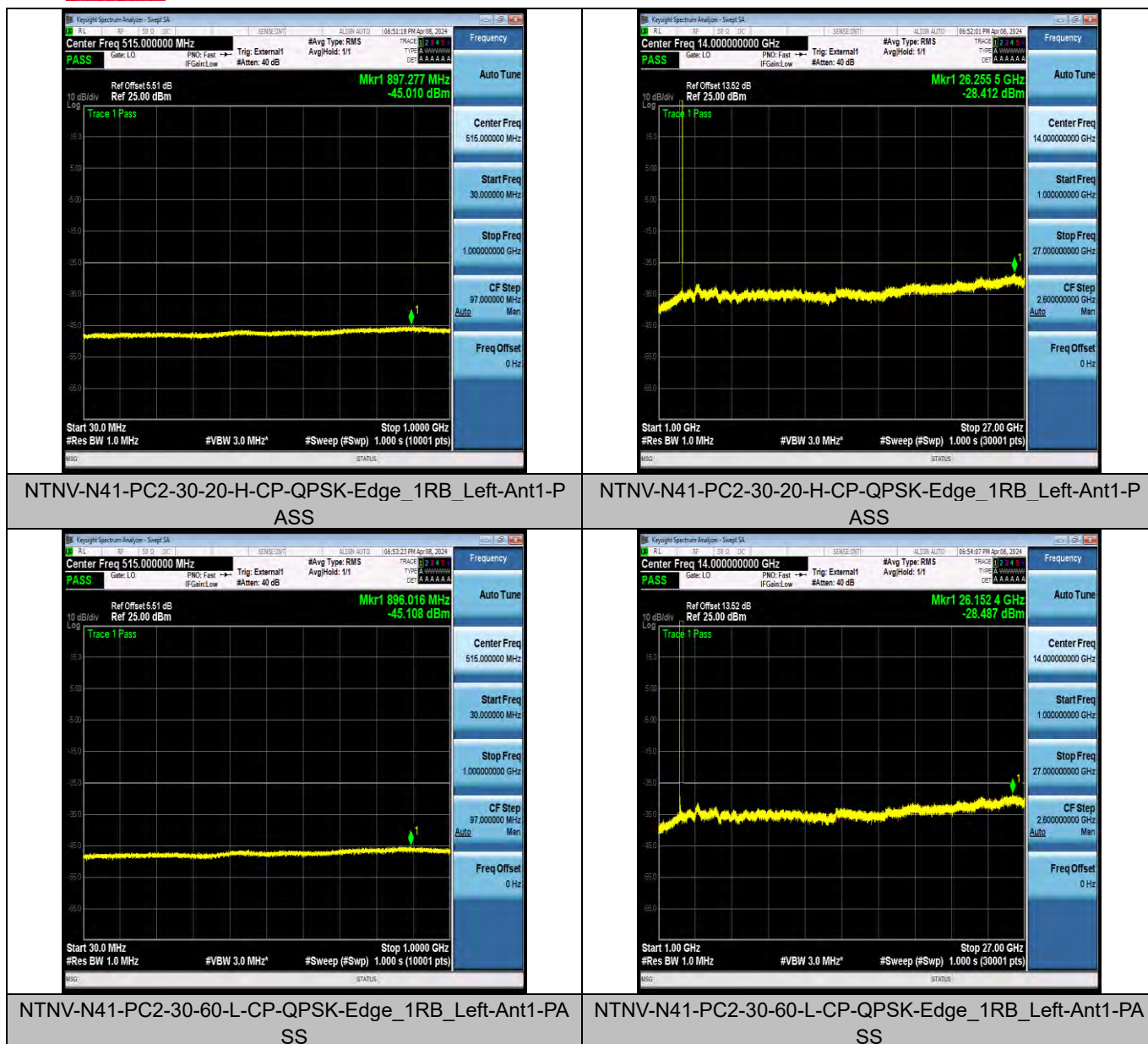
NTNV-N41-PC2-30-20-M-CP-QPSK-Edge_1RB_Left-Ant1-P
ASS



NTNV-N41-PC2-30-20-M-CP-QPSK-Edge_1RB_Left-Ant1-P
ASS



Test Report No.: PSU-QSU2312140113RF07





BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



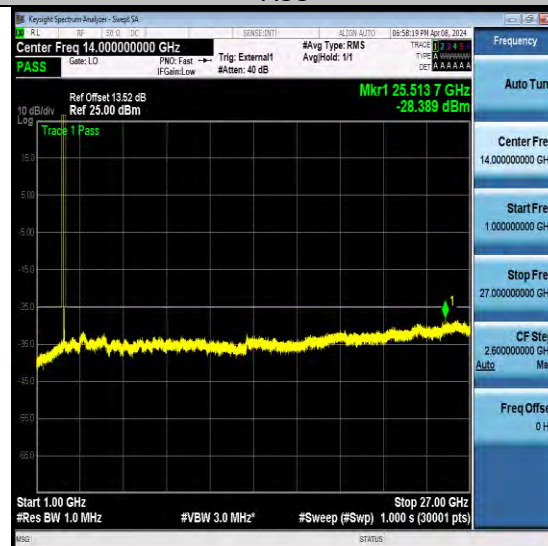
NTNV-N41-PC2-30-60-M-CP-QPSK-Edge_1RB_Left-Ant1-P
ASS



NTNV-N41-PC2-30-60-M-CP-QPSK-Edge_1RB_Left-Ant1-P
ASS



NTNV-N41-PC2-30-60-H-CP-QPSK-Edge_1RB_Left-Ant1-P
ASS



NTNV-N41-PC2-30-60-H-CP-QPSK-Edge_1RB_Left-Ant1-P
ASS

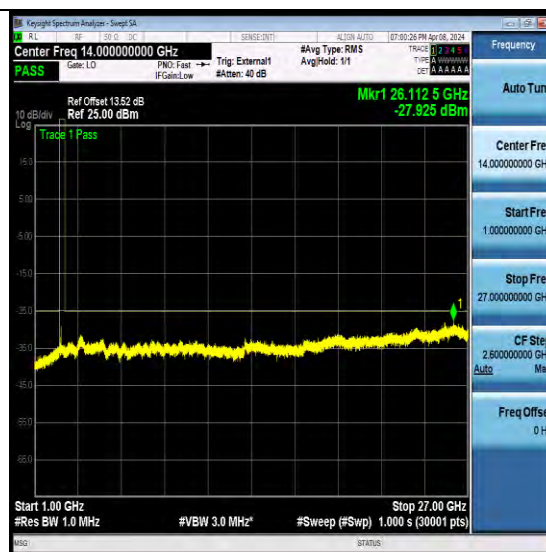


BUREAU
VERITAS

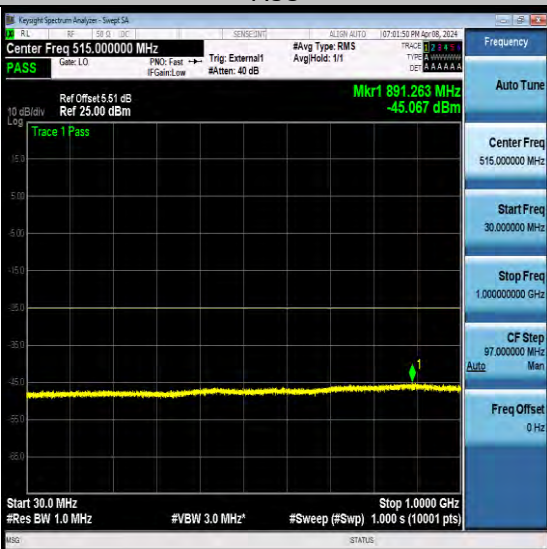
Test Report No.: PSU-QSU2312140113RF07



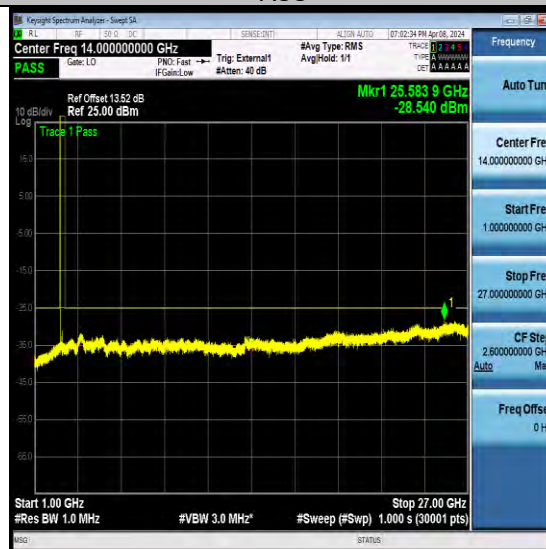
NTNV-N41-PC2-30-100-L-CP-QPSK-Edge_1RB_Left-Ant1-P
ASS



NTNV-N41-PC2-30-100-L-CP-QPSK-Edge_1RB_Left-Ant1-P
ASS



NTNV-N41-PC2-30-100-M-CP-QPSK-Edge_1RB_Left-Ant1-
PASS



NTNV-N41-PC2-30-100-M-CP-QPSK-Edge_1RB_Left-Ant1-
PASS

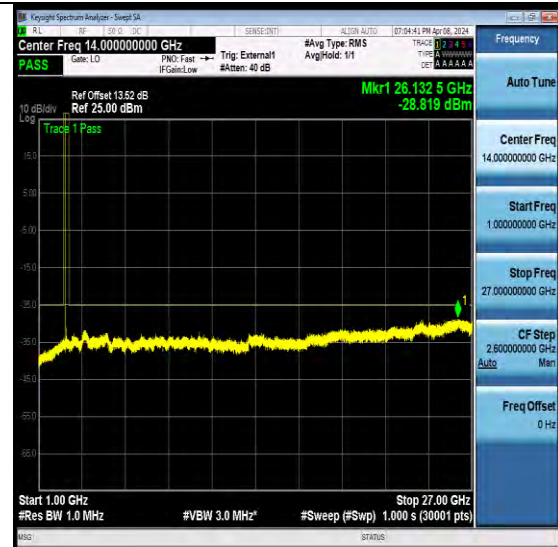


BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07



NTNV-N41-PC2-30-100-H-CP-QPSK-Edge_1RB_Left-Ant1-
PASS



NTNV-N41-PC2-30-100-H-CP-QPSK-Edge_1RB_Left-Ant1-
PASS