

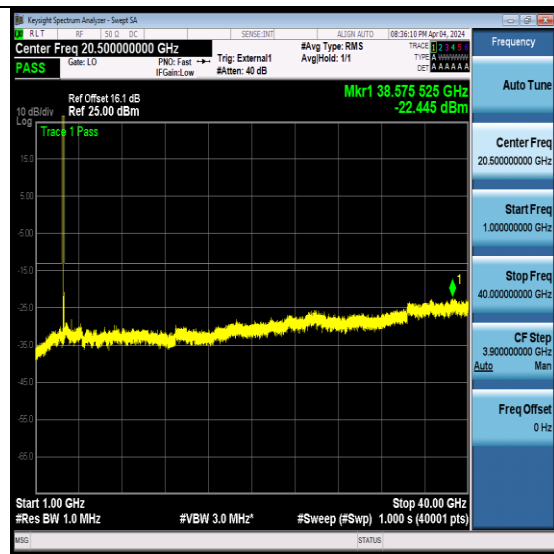


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VERITAS

Reference No.: W7L-231218W001RF11



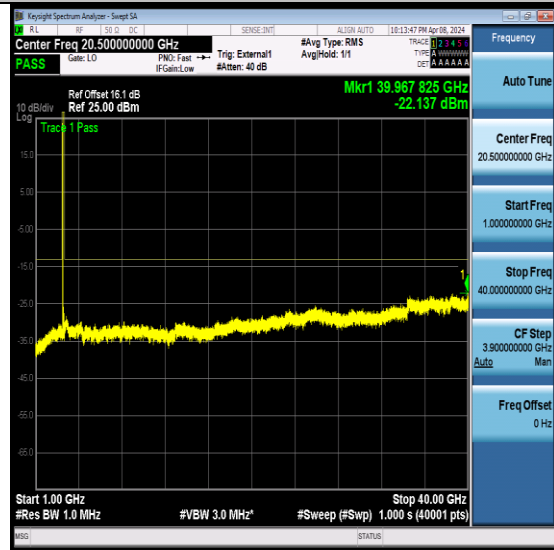
NTN-N78-3450-3550-PC2-30-60-H-CP-QPSK-
Edge_1RB_Left-Ant1-PASS



NTN-N78-3450-3550-PC2-30-60-H-CP-QPSK-
Edge_1RB_Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-100-M-CP-QPSK-
Edge_1RB_Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-100-M-CP-QPSK-
Edge_1RB_Left-Ant1-PASS

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Frequency Stability

Test Result-Ant7

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	VL	NT	8.000000	0.002312	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	VN	NT	17.000000	0.004913	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	VH	NT	12.000000	0.003468	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	-30	11.000000	0.003179	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	-20	6.000000	0.001734	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	-10	4.000000	0.001156	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	0	12.000000	0.003468	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	10	7.000000	0.002023	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	20	5.000000	0.001445	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	30	13.000000	0.003757	PASS



N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	40	4.000000	0.001156	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	50	2.000000	0.000578	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	VL	NT	18.000000	0.005143	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	VN	NT	1.000000	0.000286	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	VH	NT	18.000000	0.005143	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	-30	10.000000	0.002857	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	-20	13.000000	0.003714	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	-10	2.000000	0.000571	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	0	12.000000	0.003429	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	10	17.000000	0.004857	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	20	12.000000	0.003429	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	30	1.000000	0.000286	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	40	18.000000	0.005143	PASS



N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	50	7.000000	0.002000	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	VL	NT	4.000000	0.001130	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	VN	NT	6.000000	0.001695	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	VH	NT	7.000000	0.001977	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	-30	2.000000	0.000565	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	-20	12.000000	0.003390	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	-10	5.000000	0.001412	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	0	15.000000	0.004237	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	10	13.000000	0.003672	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	20	2.000000	0.000565	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	30	19.000000	0.005367	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	40	13.000000	0.003672	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	50	4.000000	0.001130	PASS



Test Result-Ant1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	VL	NT	4.000000	0.001156	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	VN	NT	10.000000	0.002890	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	VH	NT	9.000000	0.002601	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	-30	12.000000	0.003468	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	-20	11.000000	0.003179	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	-10	17.000000	0.004913	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	0	13.000000	0.003757	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	10	8.000000	0.002312	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	20	6.000000	0.001734	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	30	14.000000	0.004046	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	40	5.000000	0.001445	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	NV	50	16.000000	0.004624	PASS



N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	VL	NT	8.000000	0.002286	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	VN	NT	13.000000	0.003714	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	VH	NT	5.000000	0.001429	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	-30	15.000000	0.004286	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	-20	7.000000	0.002000	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	-10	6.000000	0.001714	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	0	4.000000	0.001143	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	10	15.000000	0.004286	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	20	6.000000	0.001714	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	30	13.000000	0.003714	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	40	12.000000	0.003429	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	50	3.000000	0.000857	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	VL	NT	10.000000	0.002825	PASS



N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	VN	NT	11.000000	0.003107	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	VH	NT	7.000000	0.001977	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	-30	14.000000	0.003955	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	-20	12.000000	0.003390	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	-10	8.000000	0.002260	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	0	3.000000	0.000847	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	10	8.000000	0.002260	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	20	15.000000	0.004237	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	30	14.000000	0.003955	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	40	2.000000	0.000565	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	NV	50	13.000000	0.003672	PASS

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