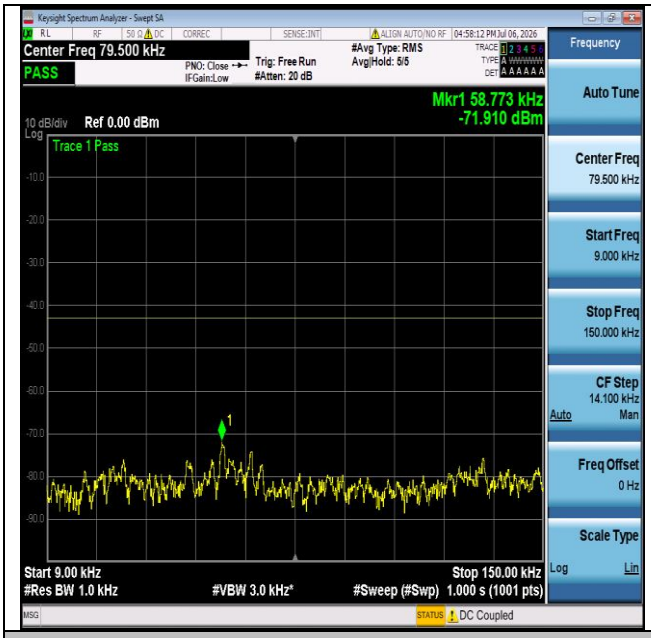
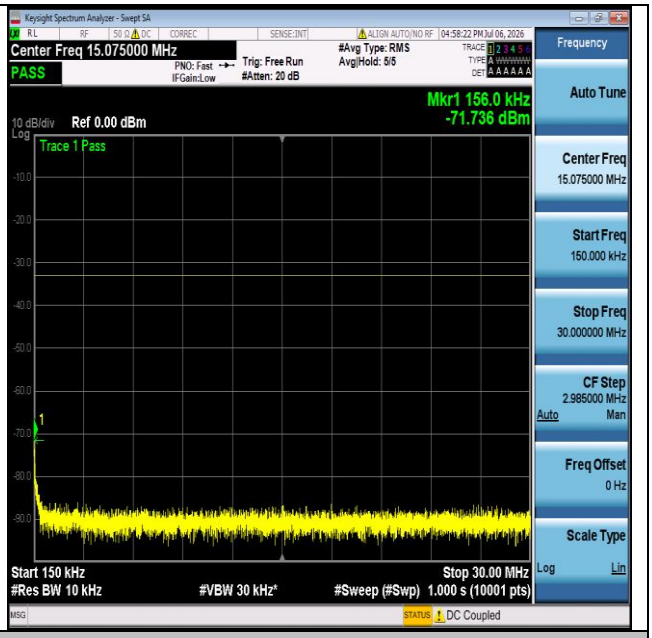


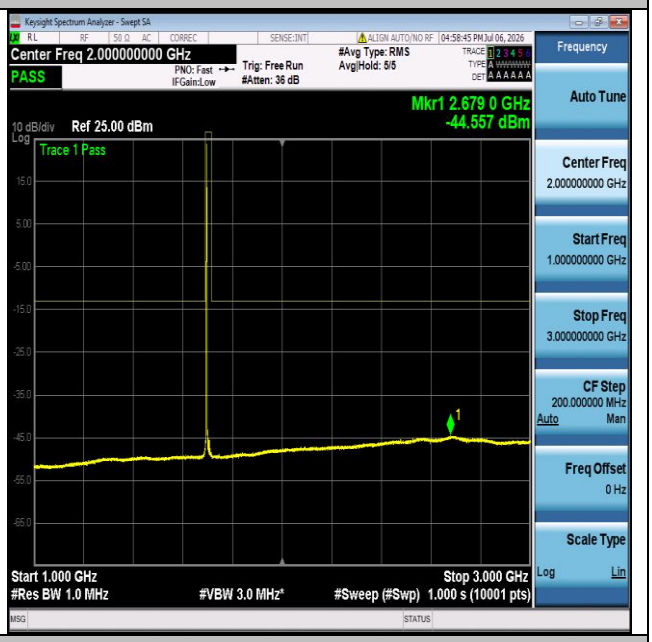
NTNV-n70-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-0.009-0.15-PASS



NTNV-n70-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-0.15-30-PASS



NTNV-n70-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-30-1000-PASS



NTNV-n70-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-1000-3000-PASS

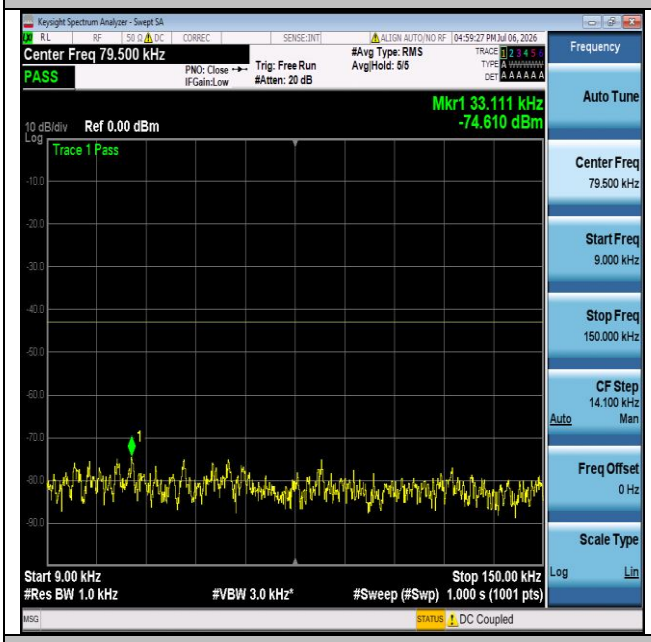
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



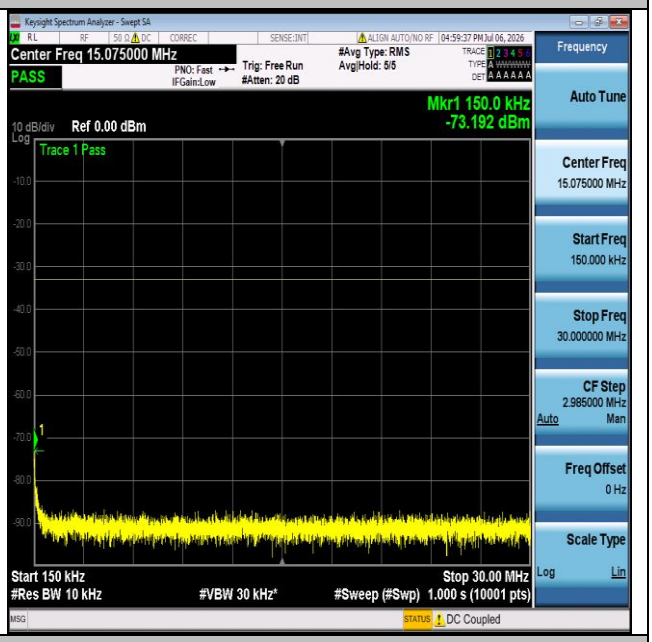
NTNV-n70-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-3000-12000-PASS



NTNV-n70-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-12000-20000-PASS

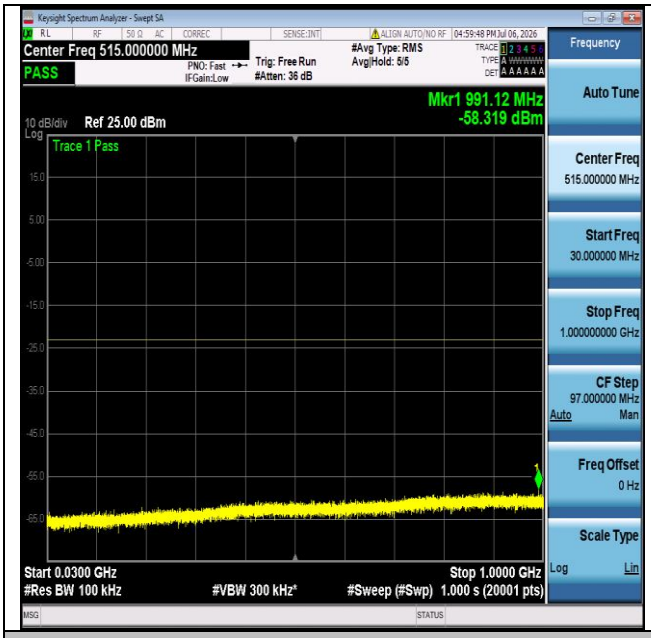


NTNV-n70-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-0.009-0.15-PASS

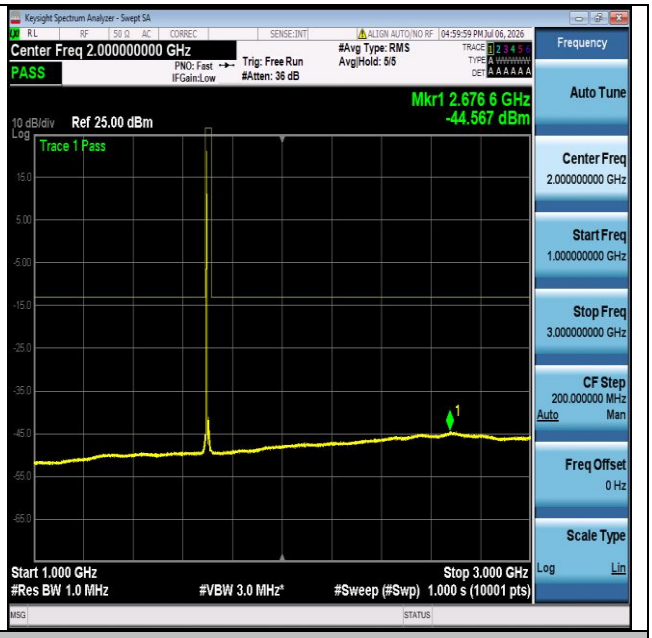


NTNV-n70-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-0.15-30-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



NTNV-n70-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-30-1000-PASS



NTNV-n70-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-1000-3000-PASS



NTNV-n70-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-3000-12000-PASS



NTNV-n70-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-12000-20000-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n70	15	15	DFT-BPSK	M	Outer_Full	VL	NT	1.8	0.001057	PASS
n70	15	15	DFT-BPSK	M	Outer_Full	VN	NT	-3.6	-0.002115	PASS
n70	15	15	DFT-BPSK	M	Outer_Full	VH	NT	0.7	0.000411	PASS
n70	15	15	CP-QPSK	M	Outer_Full	VL	NT	-4.4	-0.002584	PASS
n70	15	15	CP-QPSK	M	Outer_Full	VN	NT	-2.3	-0.001351	PASS
n70	15	15	CP-QPSK	M	Outer_Full	VH	NT	-1.2	-0.000705	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n70	15	15	DFT-BPSK	M	Outer_Full	NV	-30	-2.5	-0.001468	PASS
n70	15	15	DFT-BPSK	M	Outer_Full	NV	-20	-0.3	-0.000176	PASS
n70	15	15	DFT-BPSK	M	Outer_Full	NV	-10	-0.5	-0.000294	PASS
n70	15	15	DFT-BPSK	M	Outer_Full	NV	0	0.2	0.000117	PASS
n70	15	15	DFT-BPSK	M	Outer_Full	NV	10	0.1	5.9E-05	PASS
n70	15	15	DFT-BPSK	M	Outer_Full	NV	20	-2.8	-0.001645	PASS
n70	15	15	DFT-BPSK	M	Outer_Full	NV	30	-2.4	-0.00141	PASS
n70	15	15	DFT-BPSK	M	Outer_Full	NV	40	-1	-0.000587	PASS
n70	15	15	DFT-BPSK	M	Outer_Full	NV	50	-2.2	-0.001292	PASS
n70	15	15	CP-QPSK	M	Outer_Full	NV	-30	-2.7	-0.001586	PASS
n70	15	15	CP-QPSK	M	Outer_Full	NV	-20	-4.9	-0.002878	PASS
n70	15	15	CP-QPSK	M	Outer_Full	NV	-10	0.7	0.000411	PASS
n70	15	15	CP-QPSK	M	Outer_Full	NV	0	-2.4	-0.00141	PASS
n70	15	15	CP-QPSK	M	Outer_Full	NV	10	1.4	0.000822	PASS
n70	15	15	CP-QPSK	M	Outer_Full	NV	20	-4.3	-0.002526	PASS
n70	15	15	CP-QPSK	M	Outer_Full	NV	30	0.8	0.00047	PASS
n70	15	15	CP-QPSK	M	Outer_Full	NV	40	-1.4	-0.000822	PASS
n70	15	15	CP-QPSK	M	Outer_Full	NV	50	-0.2	-0.000117	PASS

~The End~

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.