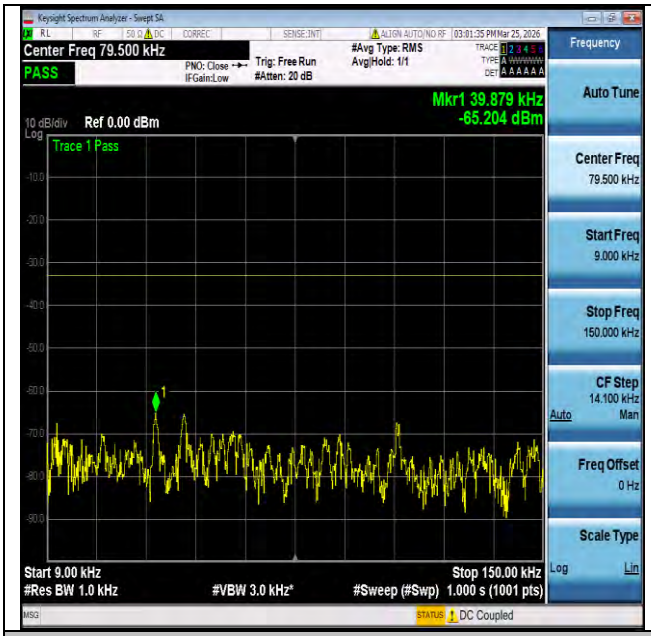
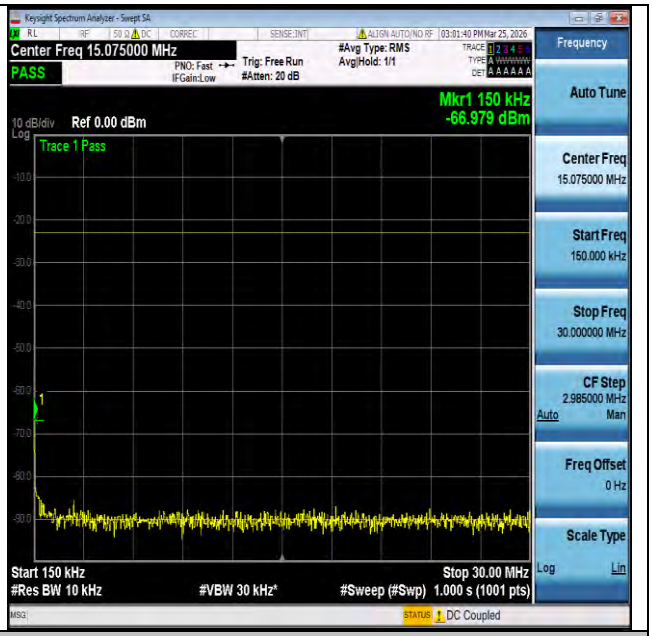
Conducted Spurious Emission for SA

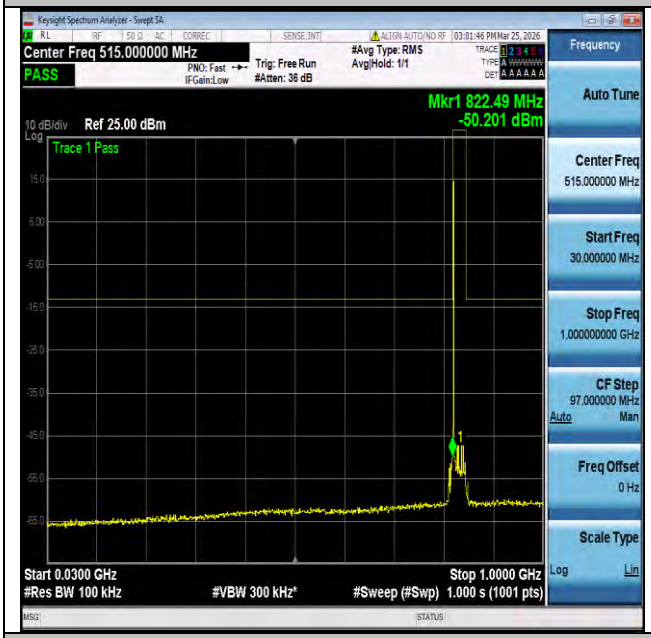
Test Graphs



NTNV-n5-PC3-15-20-L-DFT-BPSK-Edge_1RB_Left-0.009-0.15-PASS



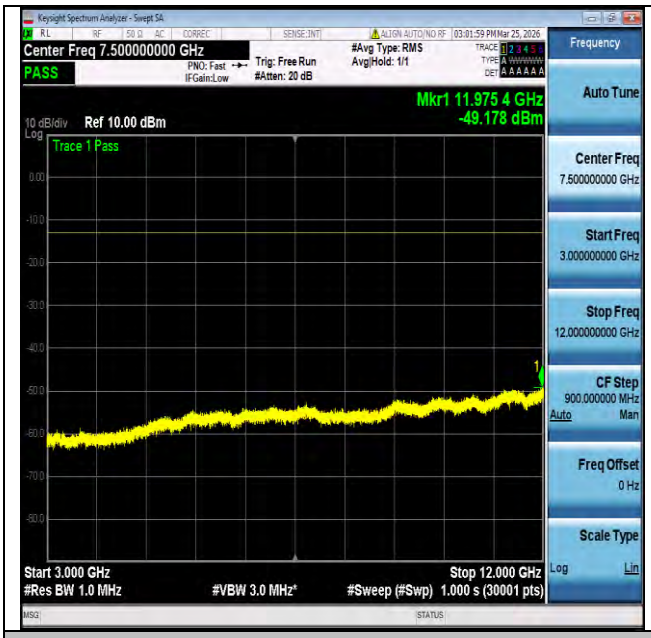
NTNV-n5-PC3-15-20-L-DFT-BPSK-Edge_1RB_Left-0.15-30-PASS



NTNV-n5-PC3-15-20-L-DFT-BPSK-Edge_1RB_Left-30-1000-PASS

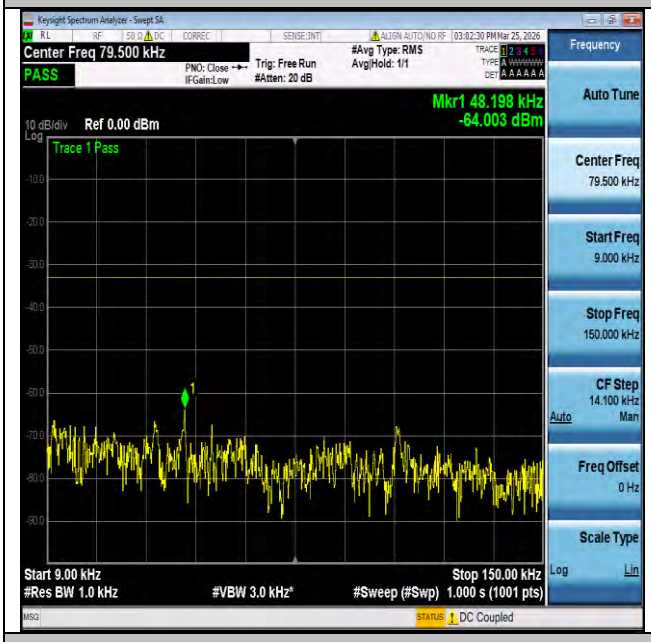
NTNV-n5-PC3-15-20-L-DFT-BPSK-Edge_1RB_Left-1000-3000-PASS

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.

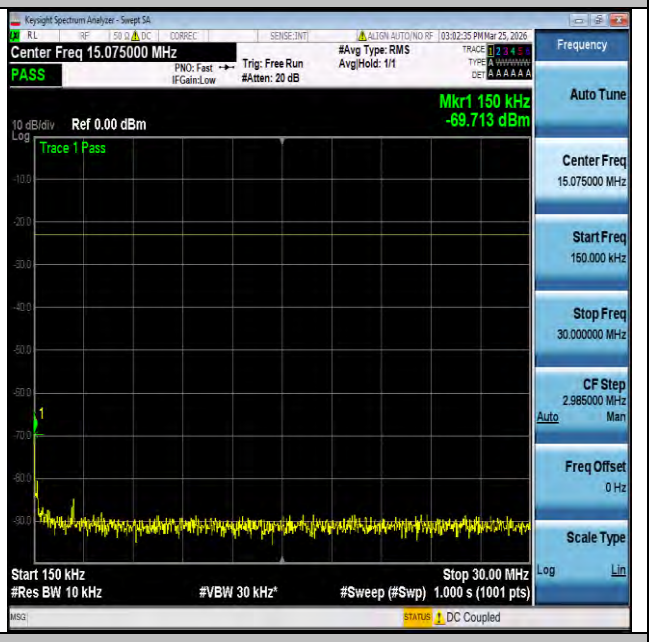


NTNV-n5-PC3-15-20-L-DFT-BPSK-Edge_1RB_Left-3000-12000-PASS

NTNV-n5-PC3-15-20-L-DFT-BPSK-Edge_1RB_Left-12000-20000-PASS

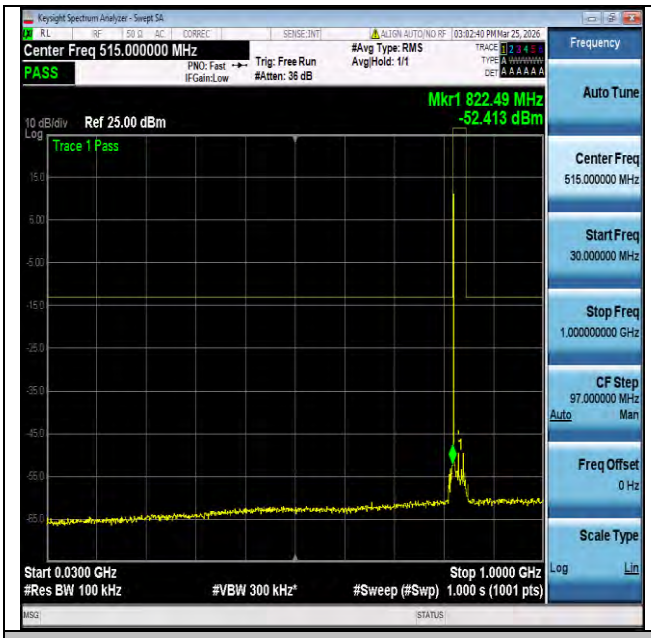


NTNV-n5-PC3-15-20-L-CP-QPSK-Edge_1RB_Left-0.009-0.15-PASS



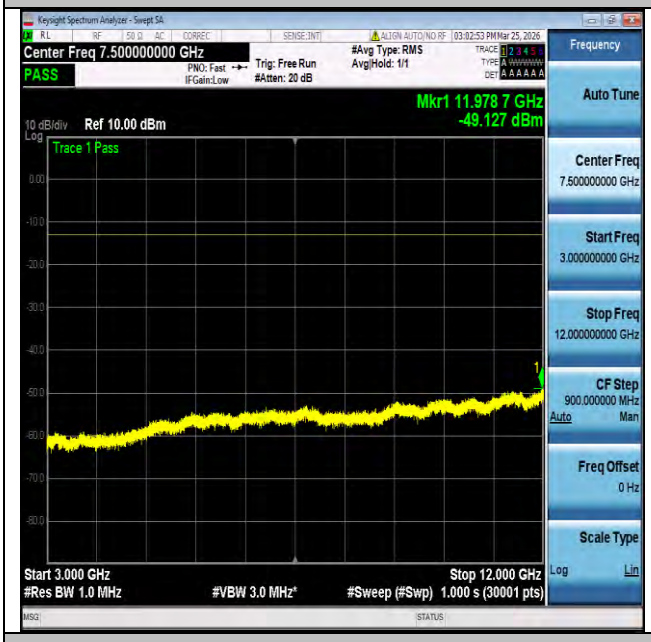
NTNV-n5-PC3-15-20-L-CP-QPSK-Edge_1RB_Left-0.15-30-PASS

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.

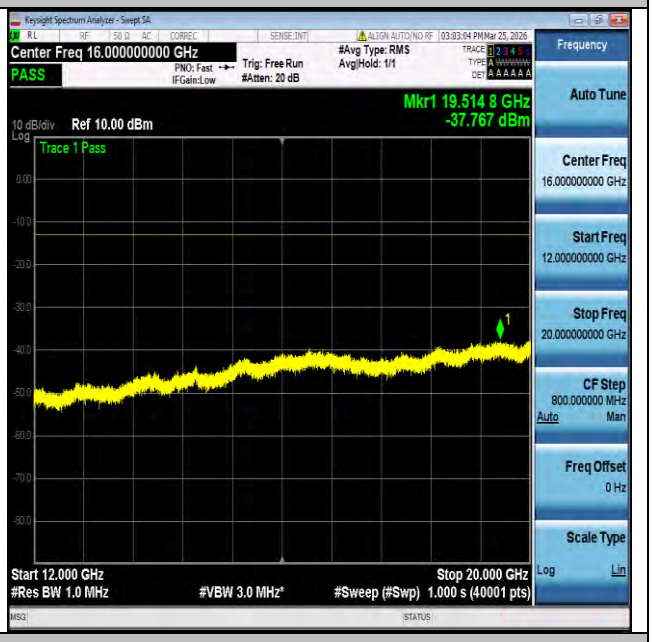


NTNV-n5-PC3-15-20-L-CP-QPSK-Edge_1RB_Left-30-1000-PASS

NTNV-n5-PC3-15-20-L-CP-QPSK-Edge_1RB_Left-1000-3000-PASS

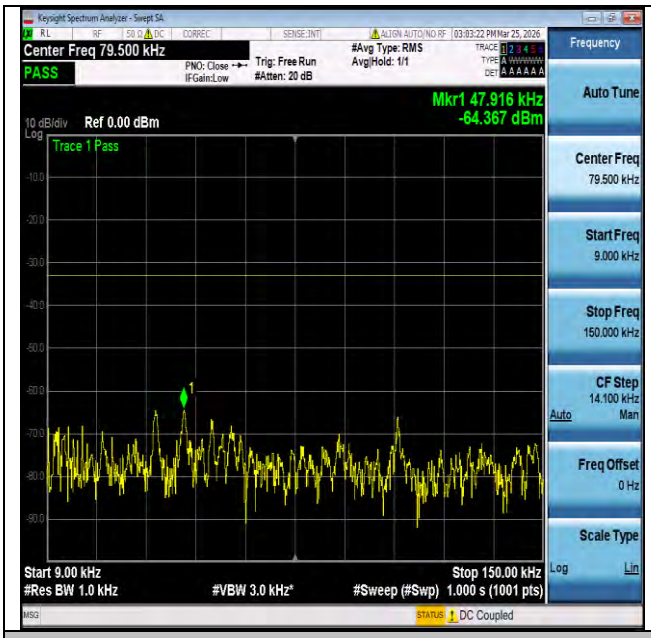


NTNV-n5-PC3-15-20-L-CP-QPSK-Edge_1RB_Left-3000-12000-PASS

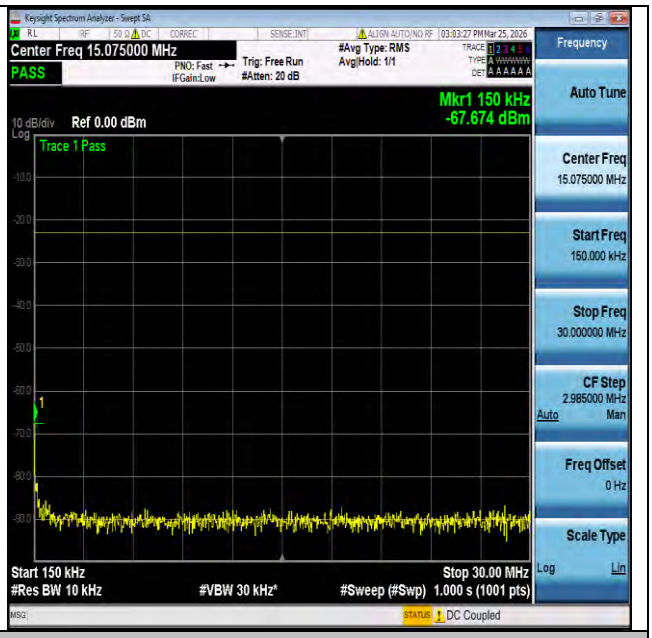


NTNV-n5-PC3-15-20-L-CP-QPSK-Edge_1RB_Left-12000-20000-PASS

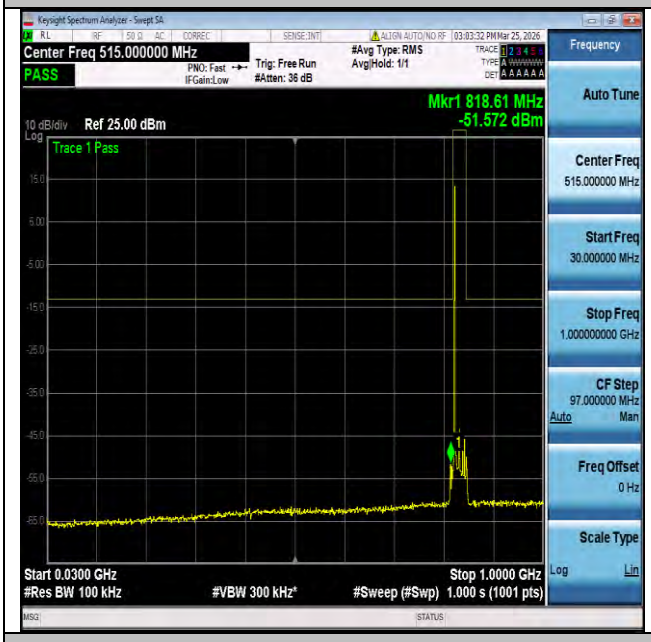
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



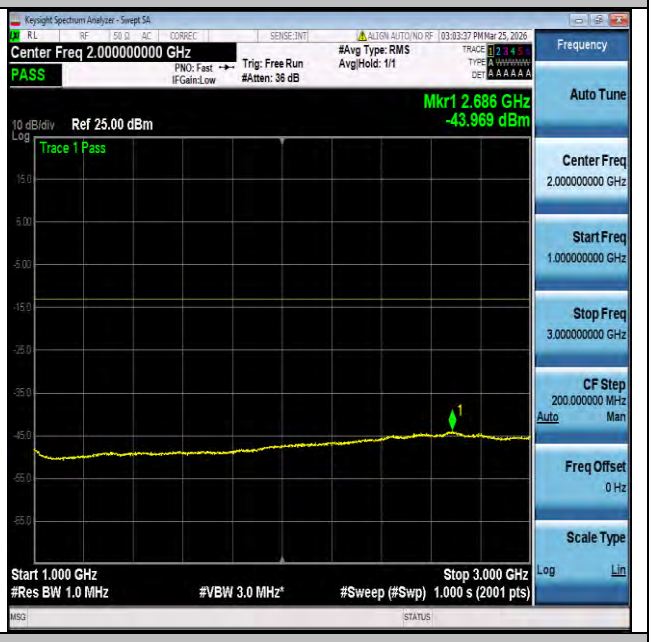
NTNV-n5-PC3-15-20-M-DFT-BPSK-Edge_1RB_Left-0.009-0.15-PASS



NTNV-n5-PC3-15-20-M-DFT-BPSK-Edge_1RB_Left-0.15-30-PASS

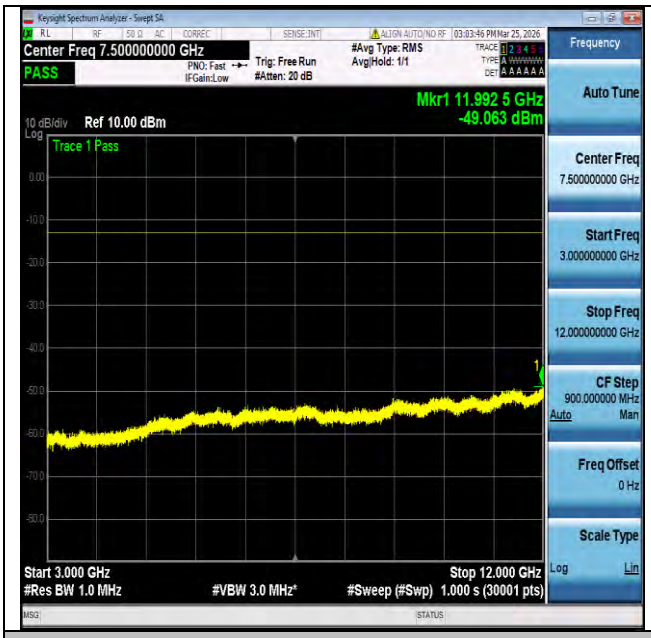


NTNV-n5-PC3-15-20-M-DFT-BPSK-Edge_1RB_Left-30-1000-PASS



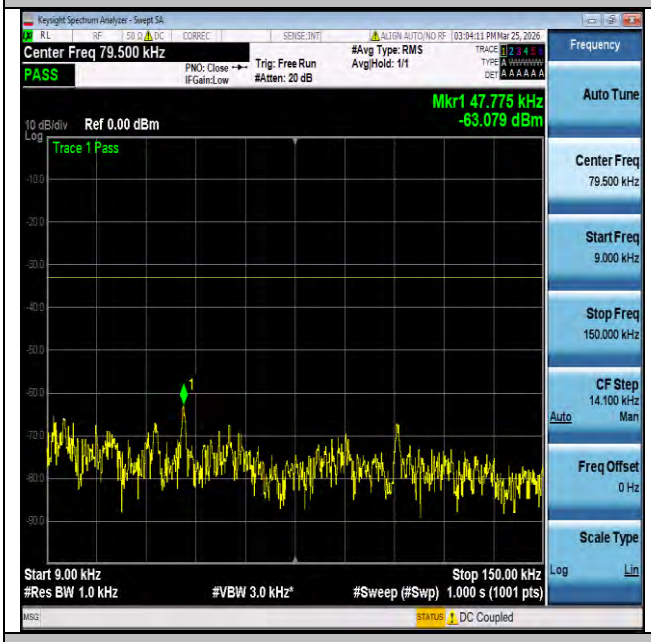
NTNV-n5-PC3-15-20-M-DFT-BPSK-Edge_1RB_Left-1000-3000-PASS

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.

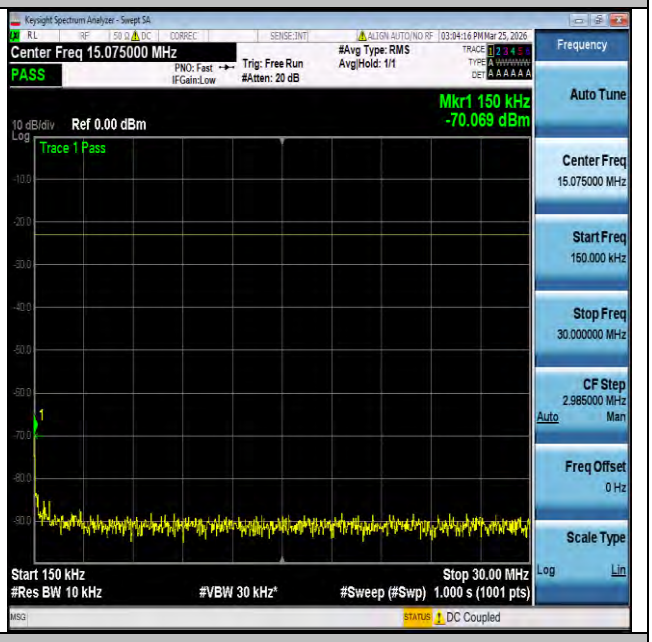


NTNV-n5-PC3-15-20-M-DFT-BPSK-Edge_1RB_Left-3000-12000-PASS

NTNV-n5-PC3-15-20-M-DFT-BPSK-Edge_1RB_Left-12000-20000-PASS

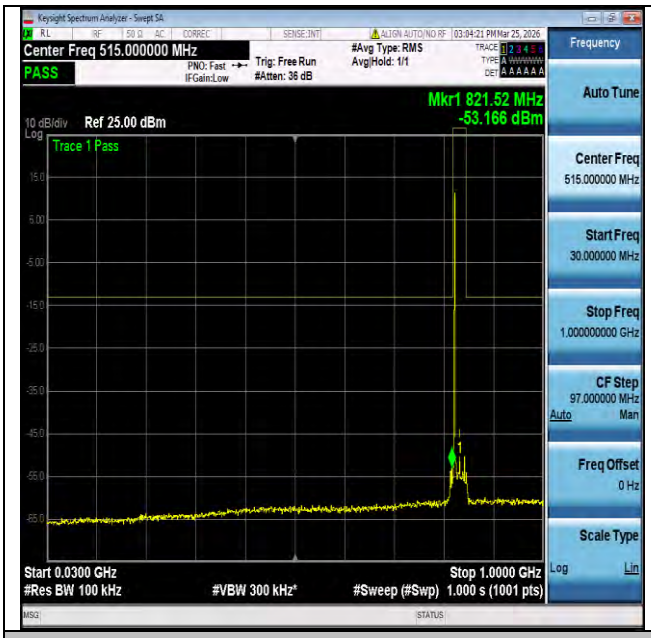


NTNV-n5-PC3-15-20-M-CP-QPSK-Edge_1RB_Left-0.009-0.15-PASS



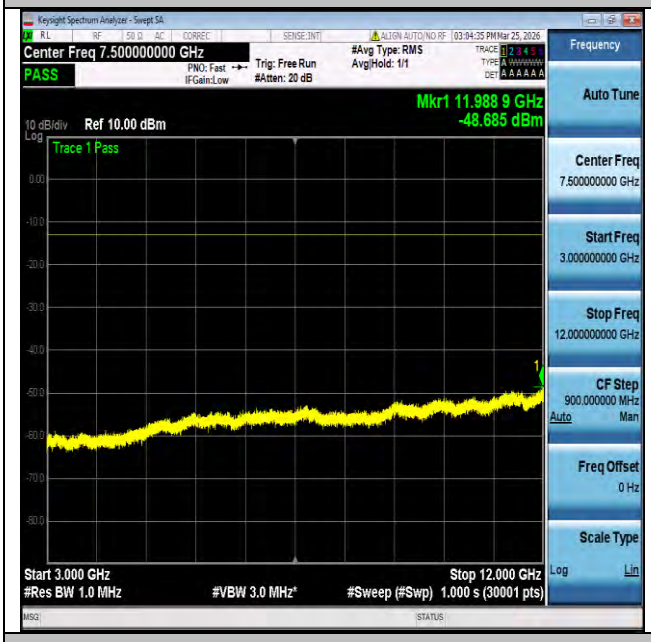
NTNV-n5-PC3-15-20-M-CP-QPSK-Edge_1RB_Left-0.15-30-PASS

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.

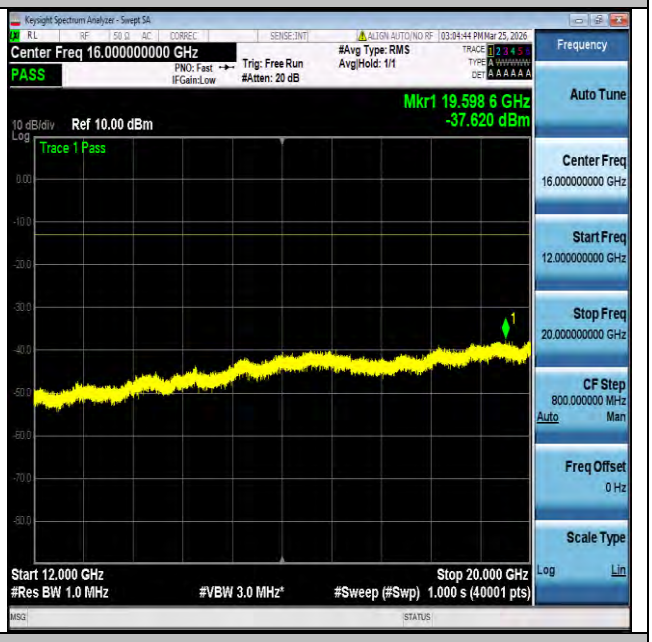


NTNV-n5-PC3-15-20-M-CP-QPSK-Edge_1RB_Left-30-1000-PASS

NTNV-n5-PC3-15-20-M-CP-QPSK-Edge_1RB_Left-1000-3000-PASS

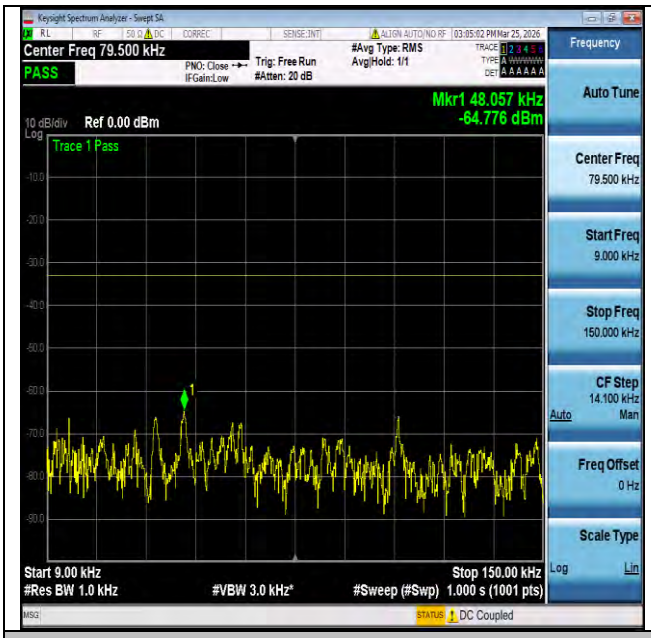


NTNV-n5-PC3-15-20-M-CP-QPSK-Edge_1RB_Left-3000-12000-PASS

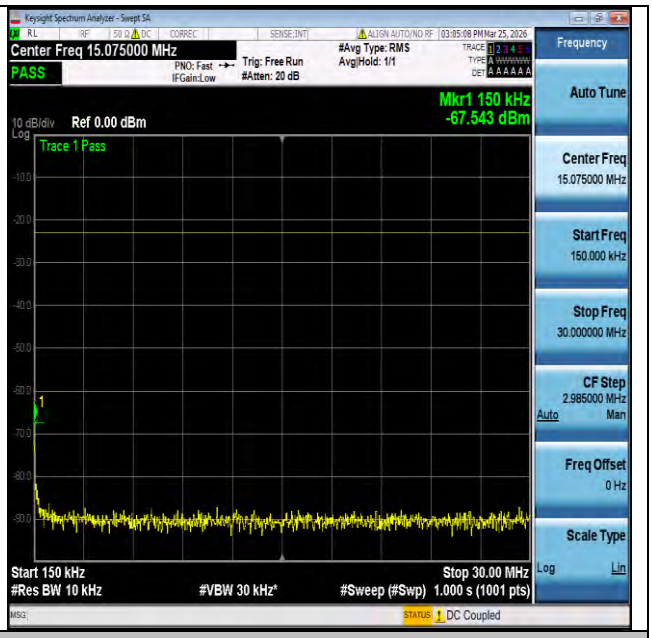


NTNV-n5-PC3-15-20-M-CP-QPSK-Edge_1RB_Left-12000-20000-PASS

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.

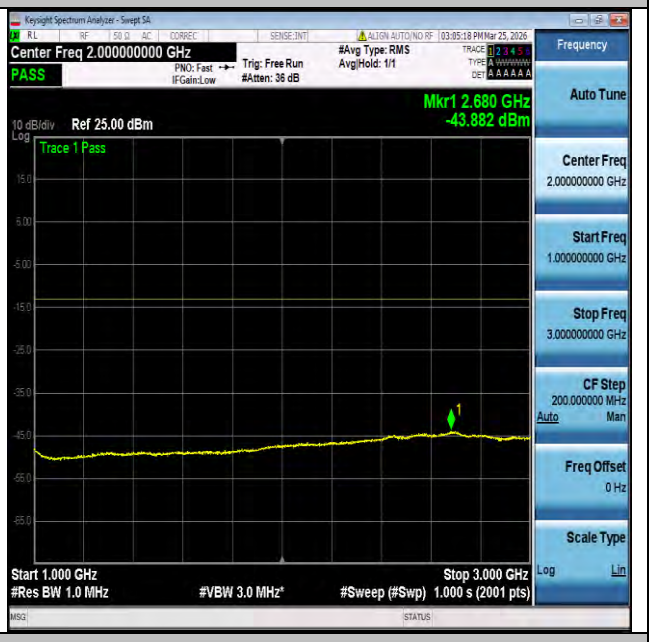


NTNV-n5-PC3-15-20-H-DFT-BPSK-Edge_1RB_Left-0.009-0.15-PASS



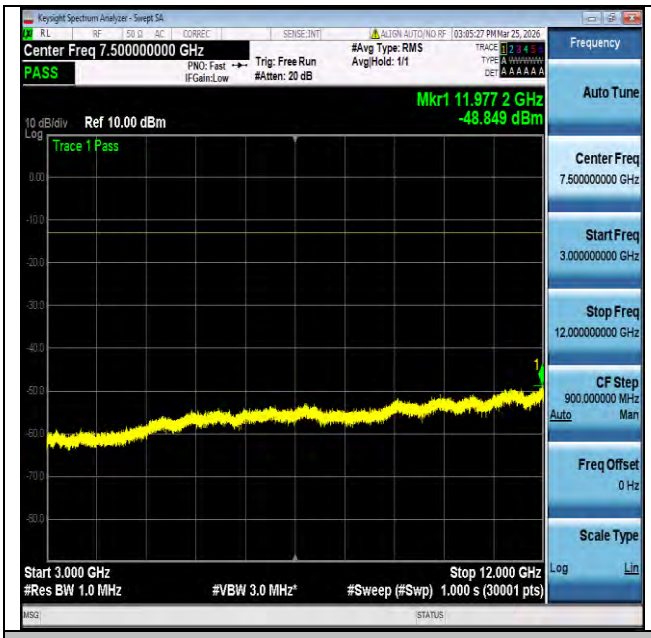
NTNV-n5-PC3-15-20-H-DFT-BPSK-Edge_1RB_Left-0.15-30-PASS

NTNV-n5-PC3-15-20-H-DFT-BPSK-Edge_1RB_Left-30-1000-PASS



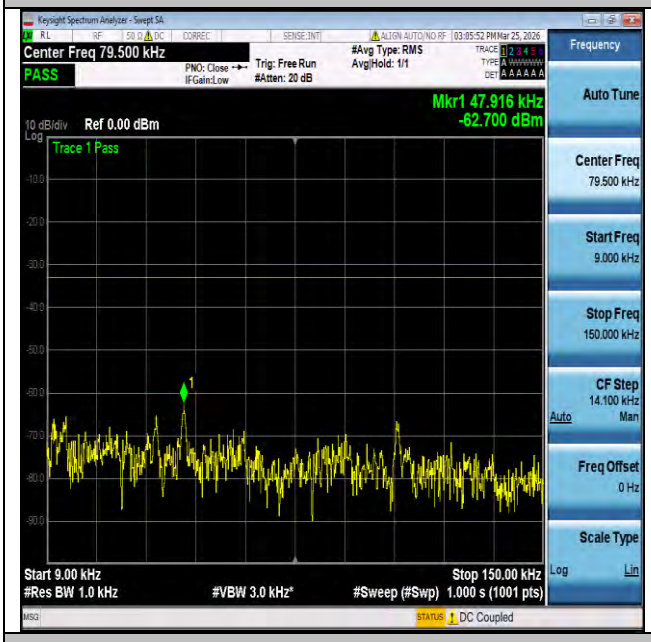
NTNV-n5-PC3-15-20-H-DFT-BPSK-Edge_1RB_Left-1000-3000-PASS

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.

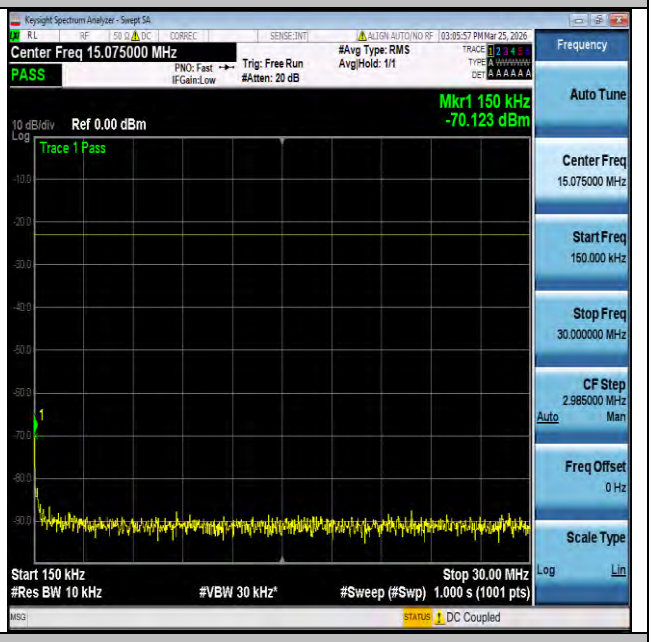


NTNV-n5-PC3-15-20-H-DFT-BPSK-Edge_1RB_Left-3000-12000-PASS

NTNV-n5-PC3-15-20-H-DFT-BPSK-Edge_1RB_Left-12000-20000-PASS

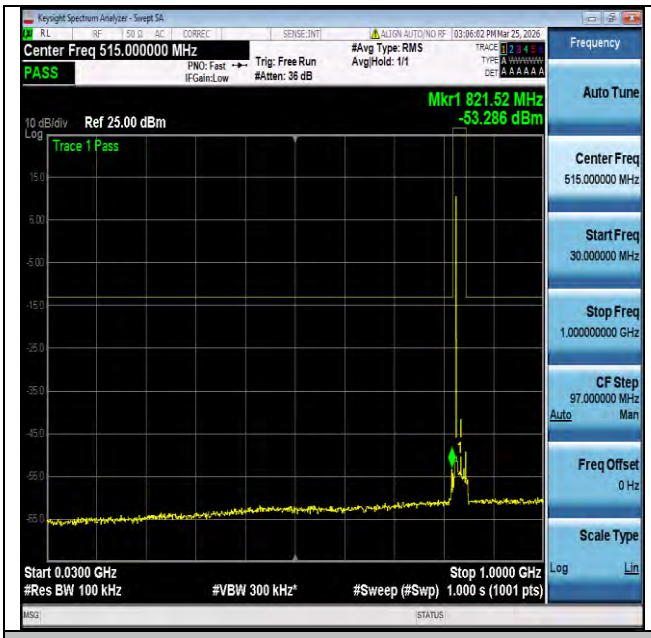


NTNV-n5-PC3-15-20-H-CP-QPSK-Edge_1RB_Left-0.009-0.15-PASS



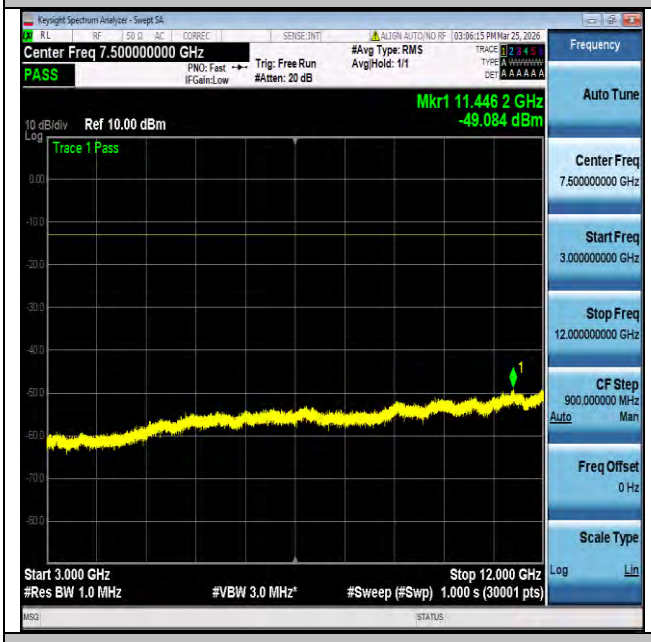
NTNV-n5-PC3-15-20-H-CP-QPSK-Edge_1RB_Left-0.15-30-PASS

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-n5-PC3-15-20-H-CP-QPSK-Edge_1RB_Left-30-1000-PASS

NTNV-n5-PC3-15-20-H-CP-QPSK-Edge_1RB_Left-1000-3000-PASS



NTNV-n5-PC3-15-20-H-CP-QPSK-Edge_1RB_Left-3000-12000-PASS

NTNV-n5-PC3-15-20-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)	Limit (ppm)	Verdict
n5	15	20	DFT-BPSK	M	Outer_Full	VL	NT	-4.8	-0.005738	±2.5	PASS
n5	15	20	DFT-BPSK	M	Outer_Full	VN	NT	-5	-0.005977	±2.5	PASS
n5	15	20	DFT-BPSK	M	Outer_Full	VH	NT	-3.6	-0.004304	±2.5	PASS
n5	15	20	CP-QPSK	M	Outer_Full	VL	NT	-5.4	-0.006455	±2.5	PASS
n5	15	20	CP-QPSK	M	Outer_Full	VN	NT	-5.1	-0.006097	±2.5	PASS
n5	15	20	CP-QPSK	M	Outer_Full	VH	NT	-6.5	-0.00777	±2.5	PASS

Frequency Error VS. Temperature

Temperature											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
n5	15	20	DFT-BPSK	M	Outer_Full	NV	-30	-5.4	-0.006455	±2.5	PASS
n5	15	20	DFT-BPSK	M	Outer_Full	NV	-20	-7.4	-0.008846	±2.5	PASS
n5	15	20	DFT-BPSK	M	Outer_Full	NV	-10	-4.8	-0.005738	±2.5	PASS
n5	15	20	DFT-BPSK	M	Outer_Full	NV	0	-4	-0.004782	±2.5	PASS
n5	15	20	DFT-BPSK	M	Outer_Full	NV	10	-7.5	-0.008966	±2.5	PASS
n5	15	20	DFT-BPSK	M	Outer_Full	NV	20	-5.2	-0.006216	±2.5	PASS
n5	15	20	DFT-BPSK	M	Outer_Full	NV	30	-4.6	-0.005499	±2.5	PASS
n5	15	20	DFT-BPSK	M	Outer_Full	NV	40	-4.4	-0.00526	±2.5	PASS
n5	15	20	DFT-BPSK	M	Outer_Full	NV	50	-5.2	-0.006216	±2.5	PASS
n5	15	20	CP-QPSK	M	Outer_Full	NV	-30	-5.7	-0.006814	±2.5	PASS
n5	15	20	CP-QPSK	M	Outer_Full	NV	-20	-7.6	-0.009085	±2.5	PASS
n5	15	20	CP-QPSK	M	Outer_Full	NV	-10	-5.7	-0.006814	±2.5	PASS
n5	15	20	CP-QPSK	M	Outer_Full	NV	0	-6.5	-0.00777	±2.5	PASS
n5	15	20	CP-QPSK	M	Outer_Full	NV	10	-3.8	-0.004543	±2.5	PASS
n5	15	20	CP-QPSK	M	Outer_Full	NV	20	-5.5	-0.006575	±2.5	PASS
n5	15	20	CP-QPSK	M	Outer_Full	NV	30	-4.7	-0.005619	±2.5	PASS
n5	15	20	CP-QPSK	M	Outer_Full	NV	40	-3.9	-0.004662	±2.5	PASS
n5	15	20	CP-QPSK	M	Outer_Full	NV	50	-6.6	-0.00789	±2.5	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.