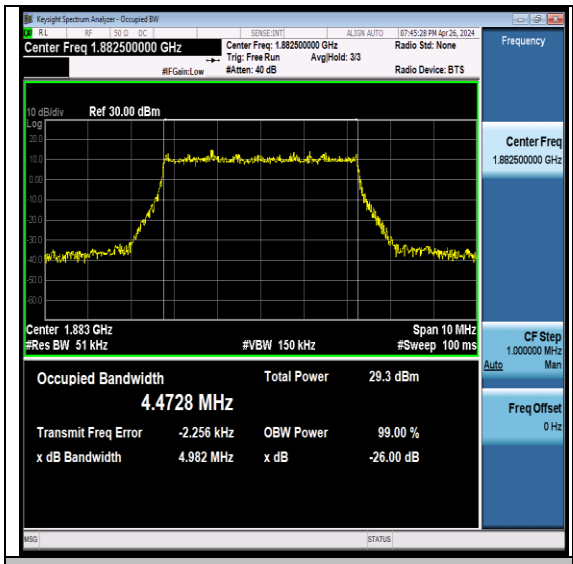
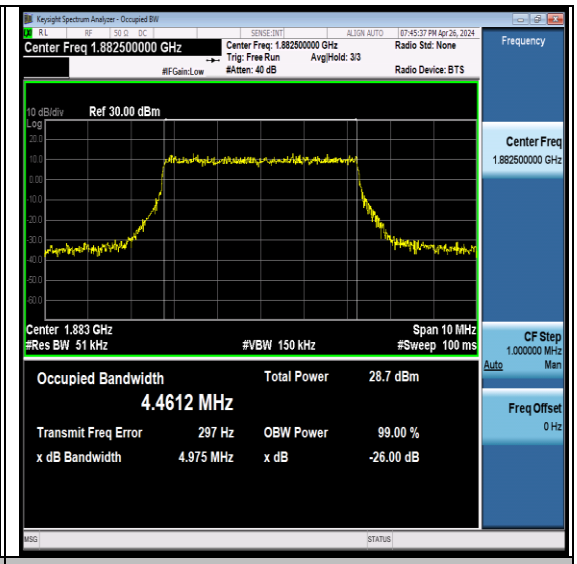
TEST GRAPHS



NTNV-N25-PC3-15-5-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS



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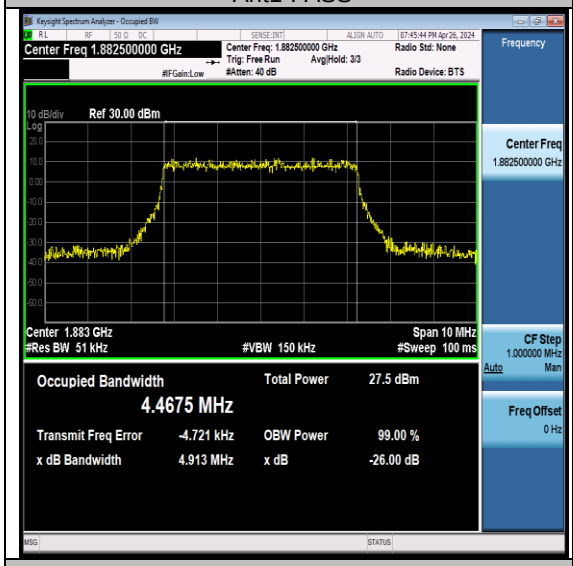
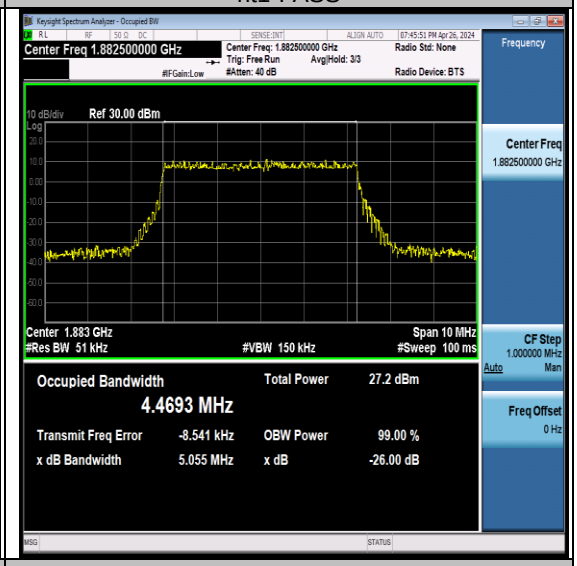
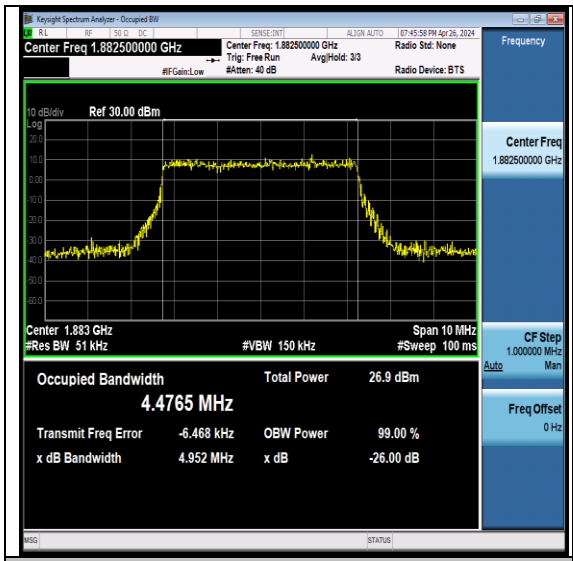


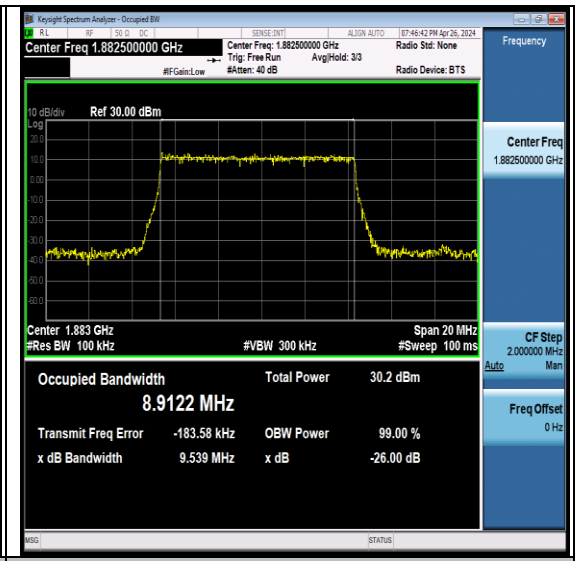
NTNV-N25-PC3-15-5-M-DFT-16QAM-Outer_Full-Ant1-PASS



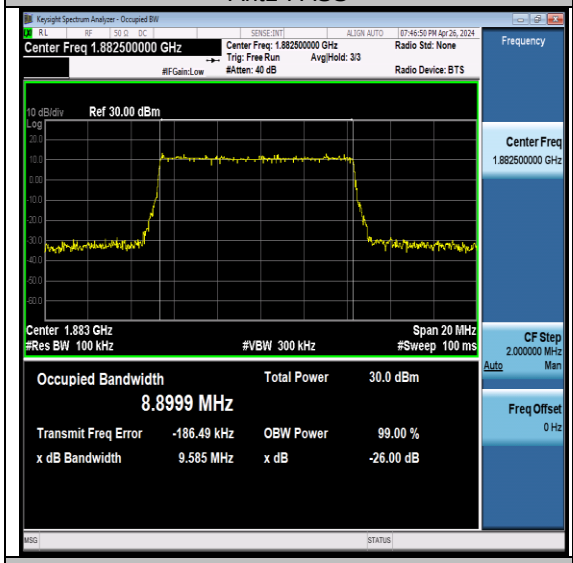
NTNV-N25-PC3-15-5-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-N25-PC3-15-5-M-DFT-256QAM-Outer_Full-Ant1-PASS



NTNV-N25-PC3-15-10-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS



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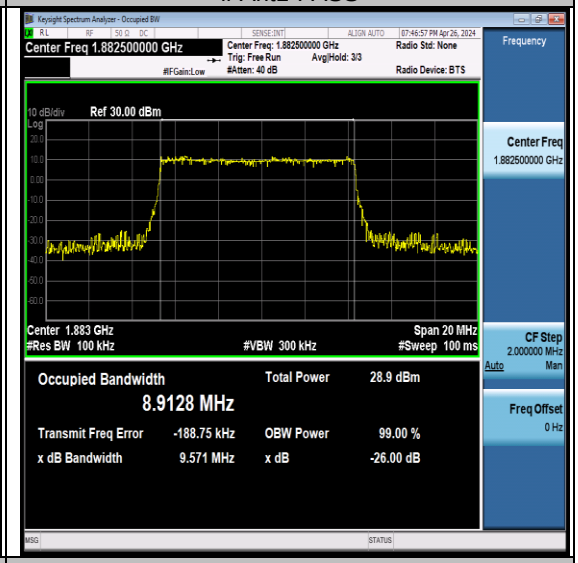

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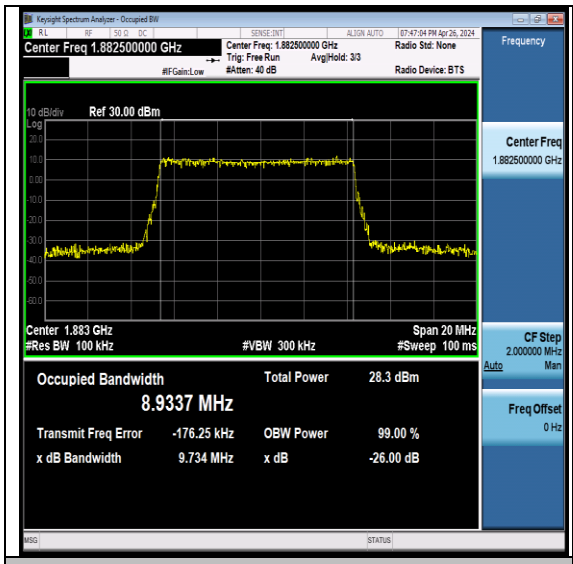

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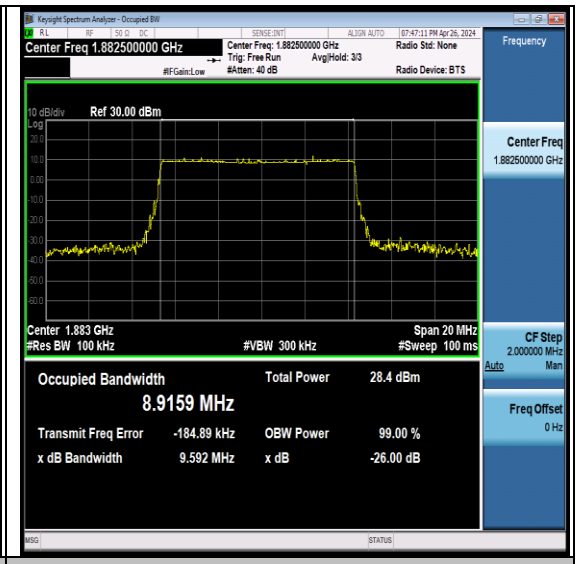

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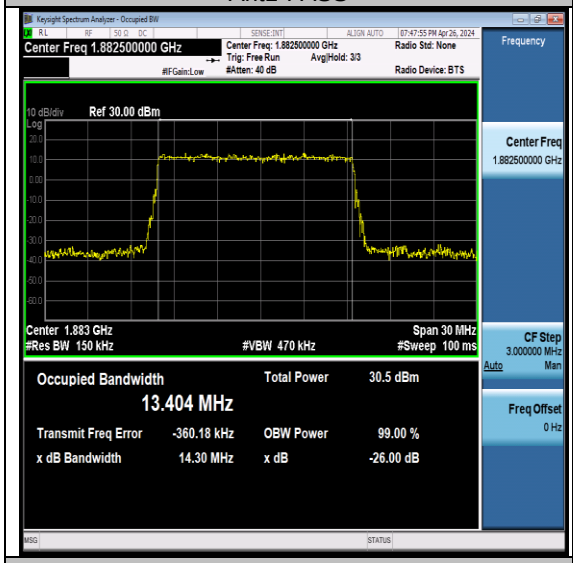
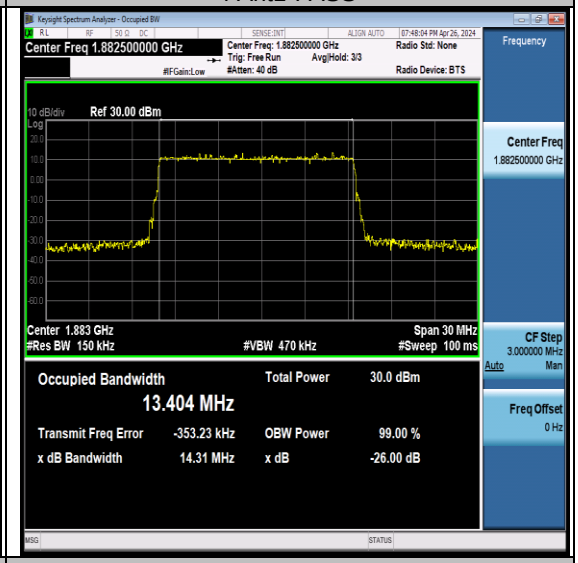


NTNV-N25-PC3-15-15-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS



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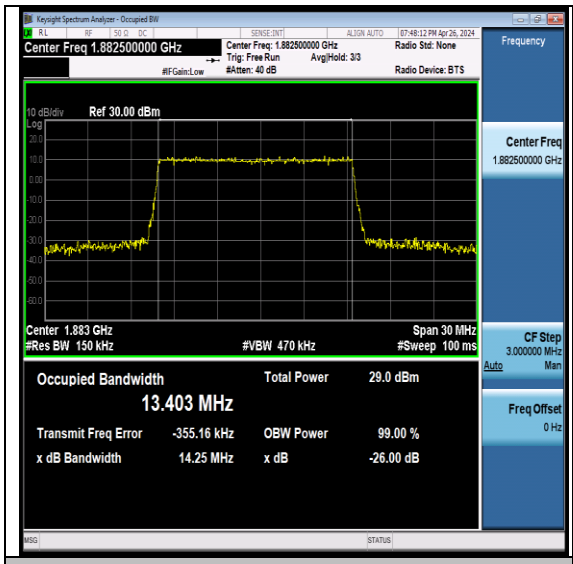

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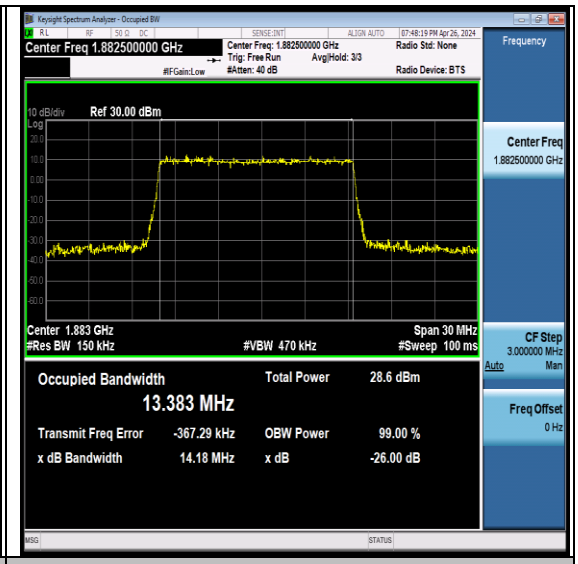
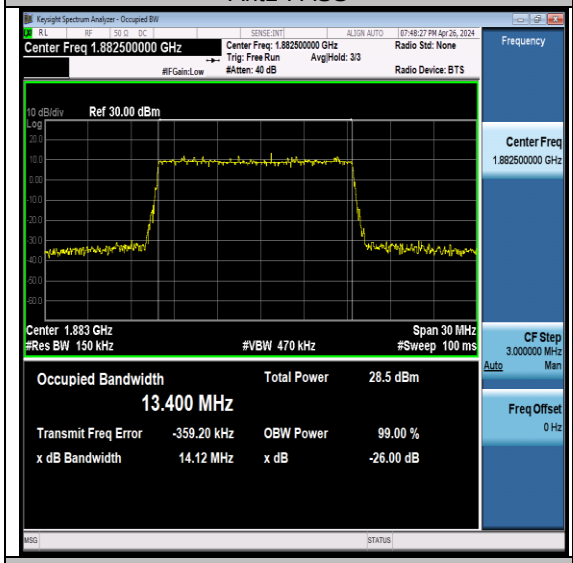


NTNV-N25-PC3-15-15-M-DFT-64QAM-Outer_Full-Ant1-PASS



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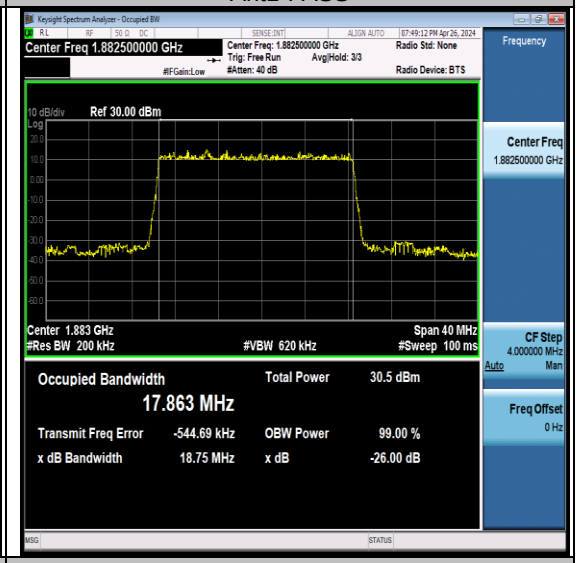

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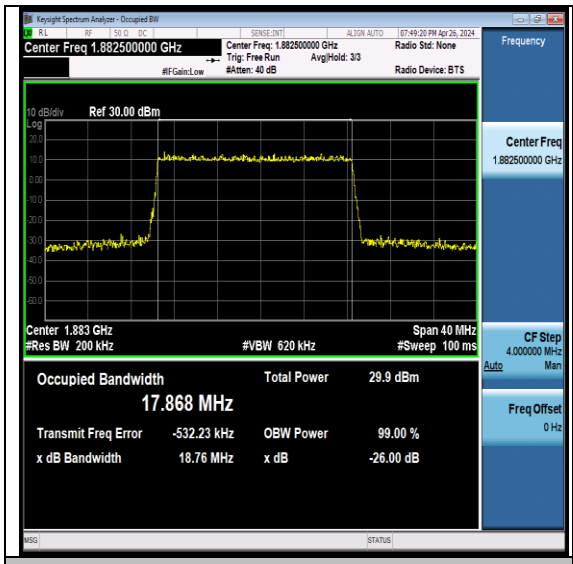
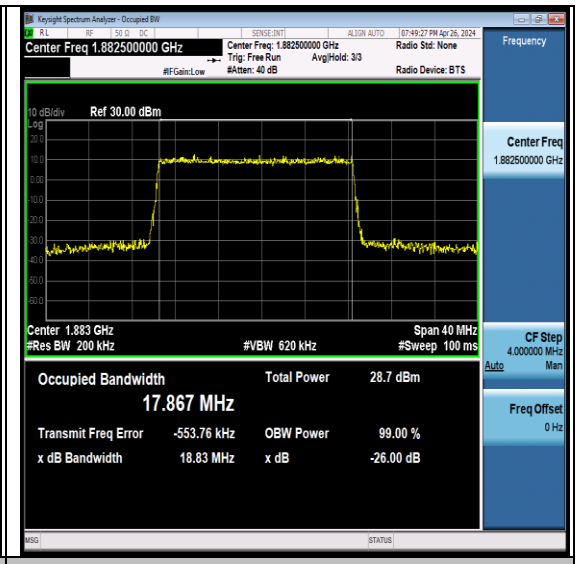
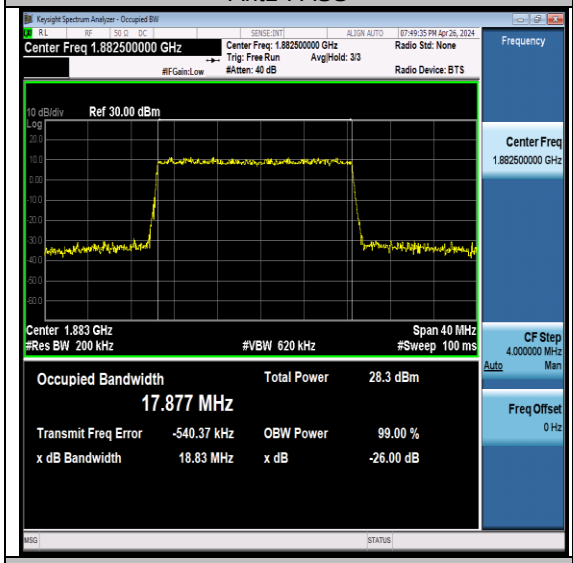


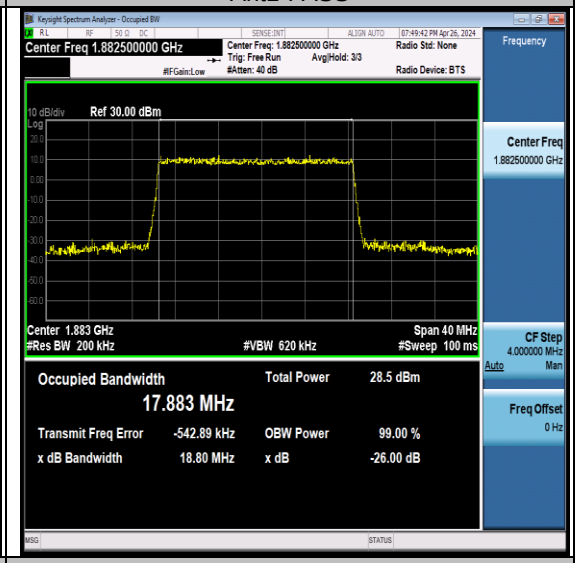
NTNV-N25-PC3-15-20-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N25-PC3-15-20-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-N25-PC3-15-20-M-DFT-64QAM-Outer_Full-Ant1-PASS

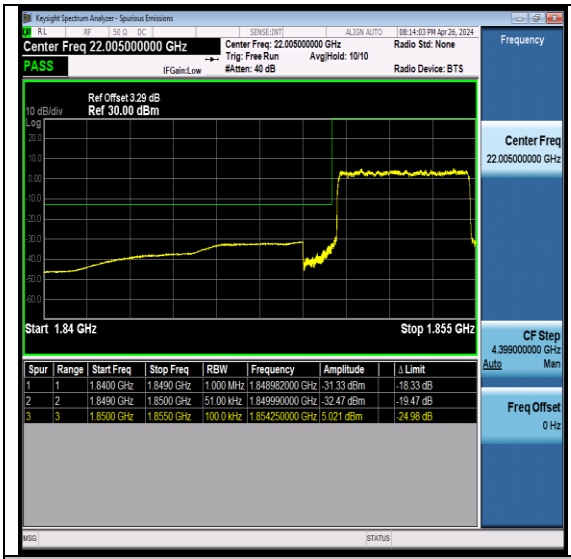


NTNV-N25-PC3-15-20-M-DFT-256QAM-Outer_Full-Ant1-PASS

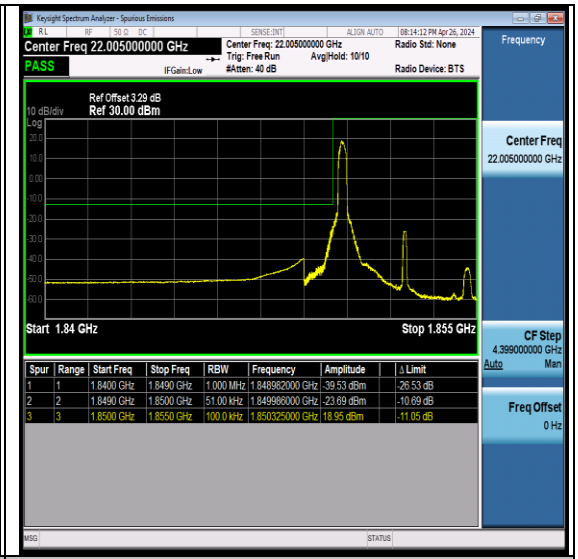
BAND EDGE FOR SA
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N25	15	5	DFT-QPSK	L	Outer_Full	-31.33	PASS
N25	15	5	DFT-QPSK	L	Edge_1RB_Left	-23.69	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	-28.17	PASS
N25	15	5	DFT-QPSK	H	Edge_1RB_Right	-25.89	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	-31.87	PASS
N25	15	10	DFT-QPSK	L	Edge_1RB_Left	-27.46	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	-33.13	PASS
N25	15	10	DFT-QPSK	H	Edge_1RB_Right	-29.99	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	-34.45	PASS
N25	15	20	DFT-QPSK	L	Edge_1RB_Left	-33.56	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	-37.13	PASS
N25	15	20	DFT-QPSK	H	Edge_1RB_Right	-34.55	PASS

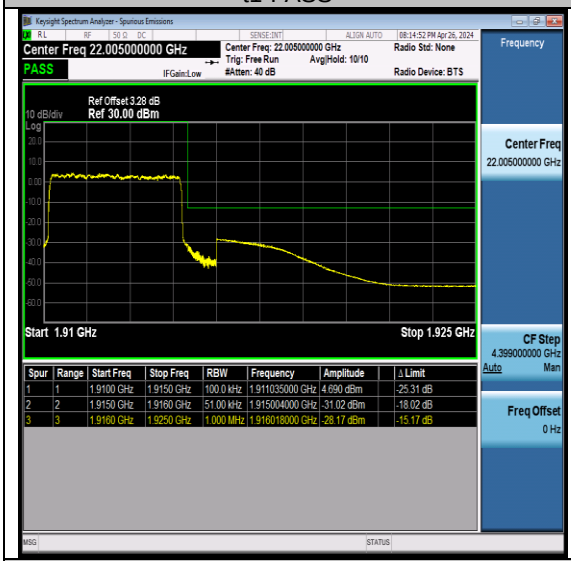
TEST GRAPHS



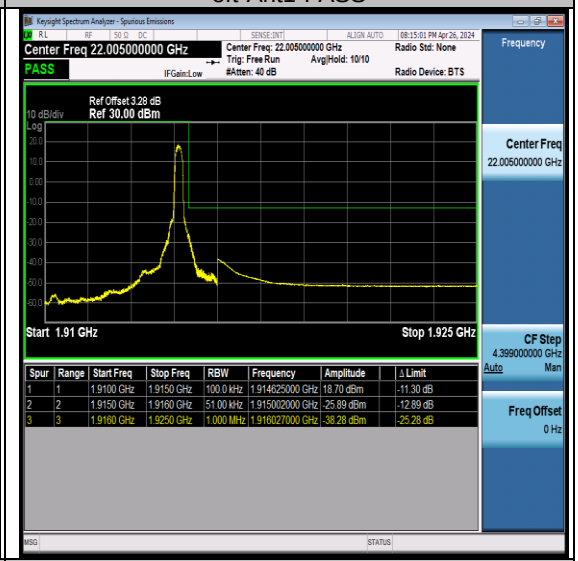
NTNV-N25-PC3-15-5-L-DFT-QPSK-Outer_Full-Ant1-PASS



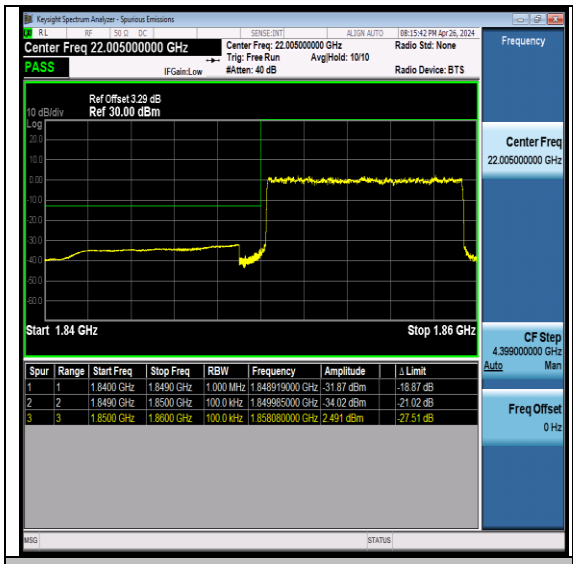
NTNV-N25-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



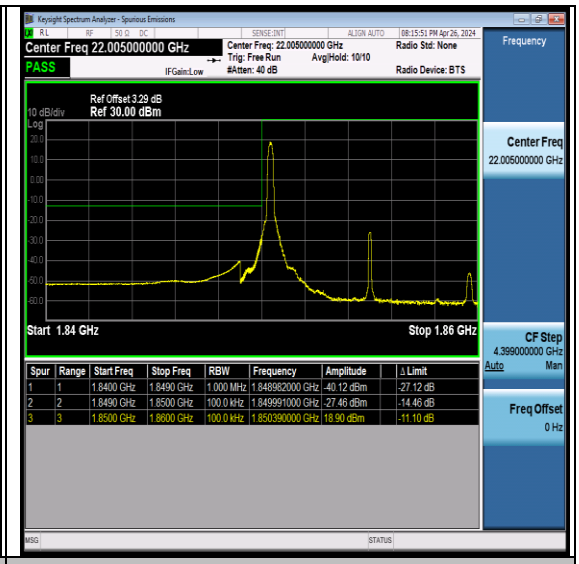
NTNV-N25-PC3-15-5-H-DFT-QPSK-Outer_Full-Ant1-PASS



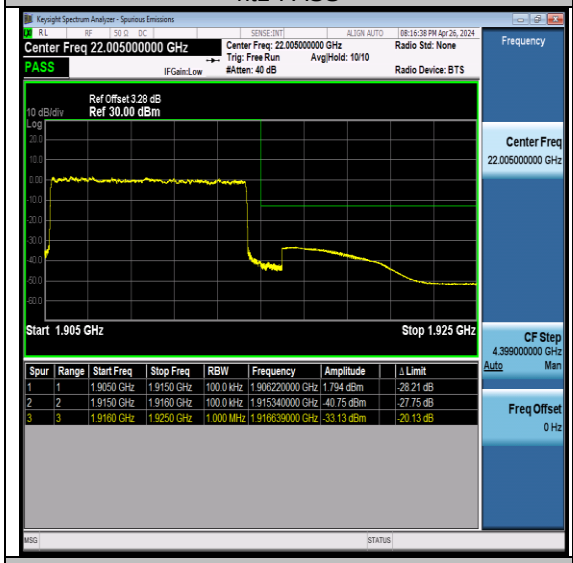
NTNV-N25-PC3-15-5-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



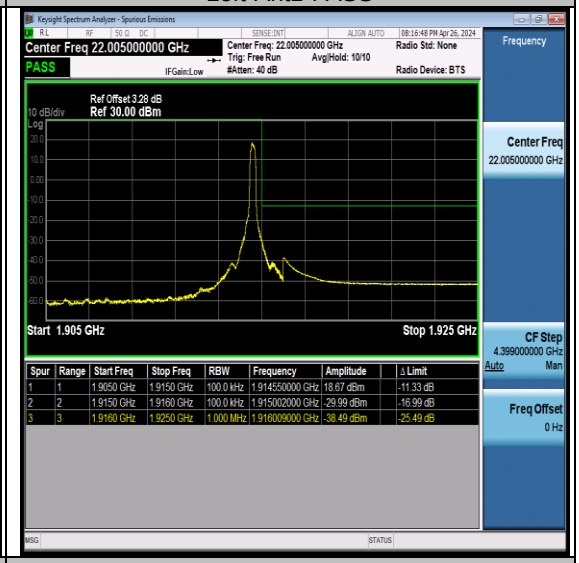
NTNV-N25-PC3-15-10-L-DFT-QPSK-Outer_Full-Ant1-PASS



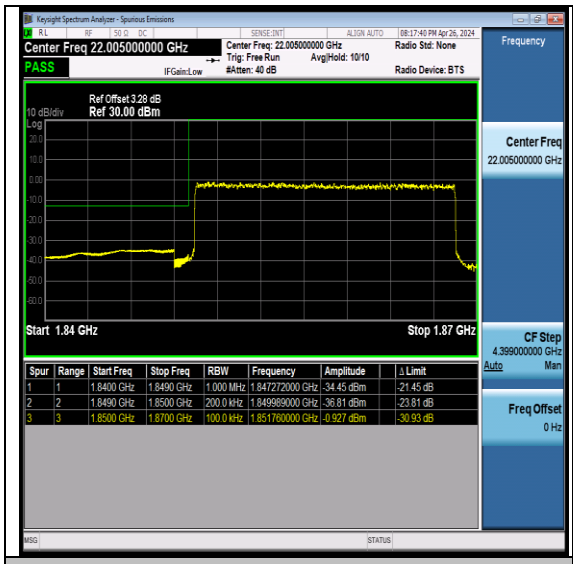
NTNV-N25-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



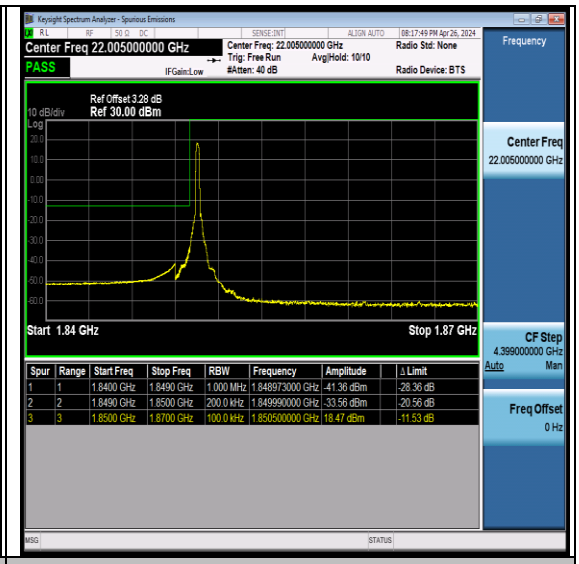
NTNV-N25-PC3-15-10-H-DFT-QPSK-Outer_Full-Ant1-PASS



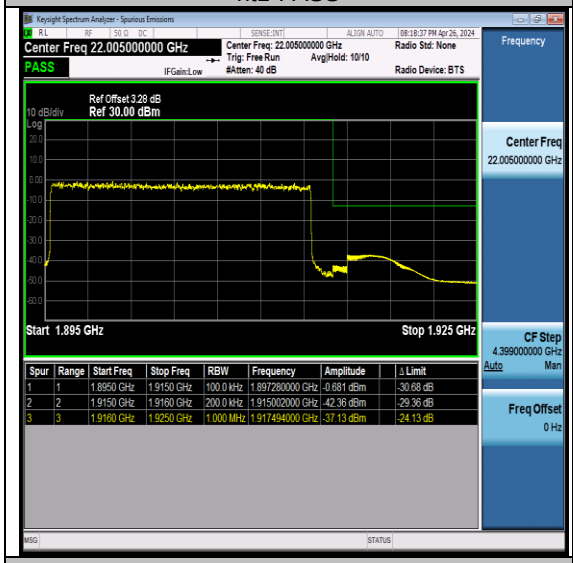
NTNV-N25-PC3-15-10-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



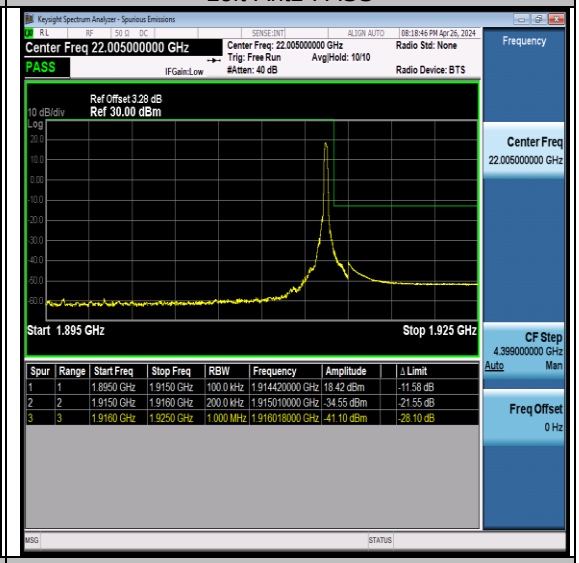
NTNV-N25-PC3-15-20-L-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N25-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N25-PC3-15-20-H-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N25-PC3-15-20-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS

CONDUCTED SPURIOUS EMISSION FOR SA
TEST RESULT

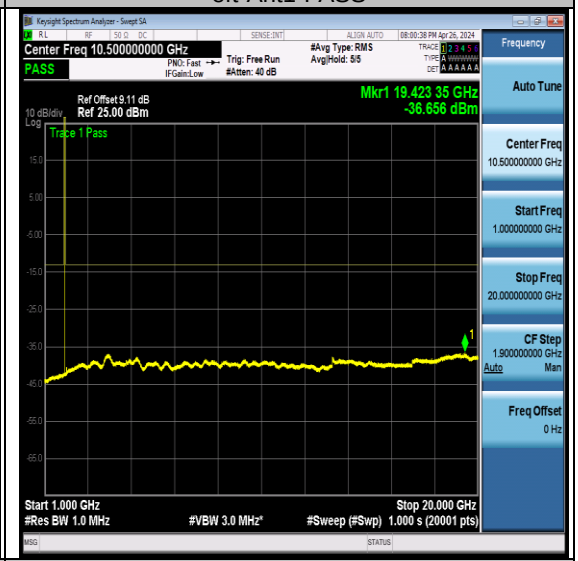
Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N25	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.68	-13	PASS
N25	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	20000	-36.61	-13	PASS
N25	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.69	-13	PASS
N25	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	20000	-36.66	-13	PASS
N25	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.58	-13	PASS
N25	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	20000	-36.67	-13	PASS
N25	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.57	-13	PASS
N25	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	20000	-36.69	-13	PASS
N25	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.70	-13	PASS
N25	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	20000	-36.77	-13	PASS
N25	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.68	-13	PASS
N25	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	20000	-36.61	-13	PASS
N25	15	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.58	-13	PASS
N25	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	20000	-36.79	-13	PASS
N25	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.73	-13	PASS
N25	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	20000	-36.65	-13	PASS
N25	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.50	-13	PASS
N25	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	20000	-36.71	-13	PASS

TEST GRAPHS

NTNV-N25-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N25-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N25-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N25-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N25-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N25-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N25-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N25-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N25-PC3-15-10-M-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N25-PC3-15-10-M-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N25-PC3-15-10-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N25-PC3-15-10-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N25-PC3-15-20-L-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N25-PC3-15-20-L-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N25-PC3-15-20-M-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N25-PC3-15-20-M-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N25-PC3-15-20-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS	NTNV-N25-PC3-15-20-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

FREQUENCY STABILITY FOR SA

TEST RESULT

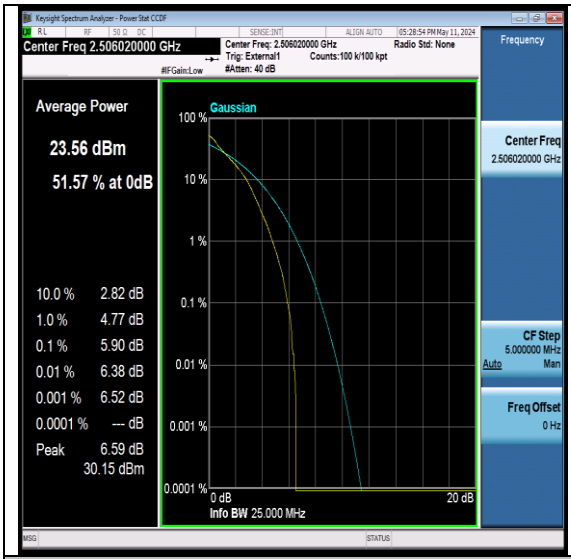
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N25	15	20	DFT-QPSK	L	Outer_Full	VL	NT	11.000000	0.005914	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VN	NT	16.000000	0.008602	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VH	NT	1.000000	0.000538	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-30	18.000000	0.009677	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-20	13.000000	0.006989	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-10	12.000000	0.006452	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	0	17.000000	0.009140	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	10	16.000000	0.008602	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	20	4.000000	0.002151	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	30	12.000000	0.006452	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	40	19.000000	0.010215	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	50	9.000000	0.004839	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VL	NT	14.000000	0.007437	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VN	NT	16.000000	0.008499	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VH	NT	11.000000	0.005843	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-30	4.000000	0.002125	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-20	18.000000	0.009562	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-10	14.000000	0.007437	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	0	2.000000	0.001062	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	10	19.000000	0.010093	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	20	2.000000	0.001062	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	30	1.000000	0.000531	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	40	15.000000	0.007967	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	50	10.000000	0.005312	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VL	NT	12.000000	0.006299	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VN	NT	14.000000	0.007349	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VH	NT	16.000000	0.008399	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-30	15.000000	0.007874	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-20	5.000000	0.002625	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-10	19.000000	0.009974	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	0	18.000000	0.009449	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	10	13.000000	0.006824	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	20	8.000000	0.004199	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	30	2.000000	0.001050	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	40	12.000000	0.006299	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	50	8.000000	0.004199	PASS

N41(INCLUDING N38)

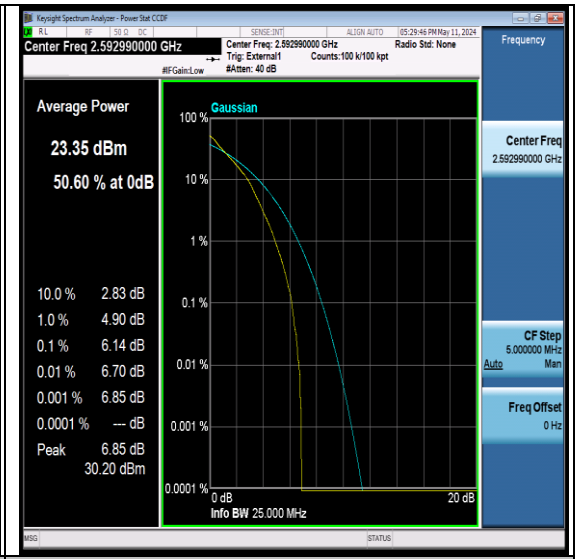
PEAK-TO-AVERAGE RATIO(CCDF)
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	5.90	≤13	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	6.14	≤13	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	5.92	≤13	PASS
N41	30	20	DFT-QPSK	L	Edge_1RB_Left	5.91	≤13	PASS
N41	30	20	DFT-QPSK	M	Edge_1RB_Left	5.55	≤13	PASS
N41	30	20	DFT-QPSK	H	Edge_1RB_Left	5.56	≤13	PASS

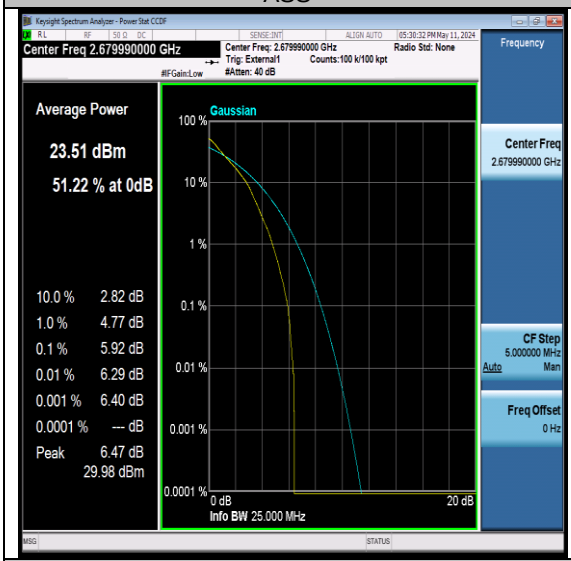
TEST GRAPHS



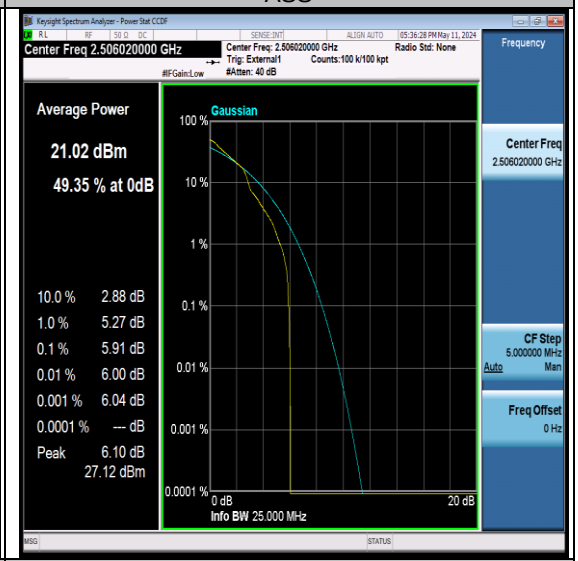
NTNV-N41-PC2-30-20-L-DFT-QPSK-Outer_Full-PASS



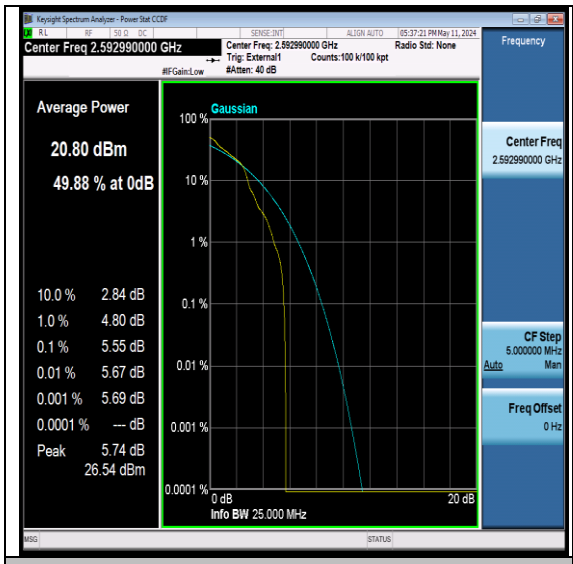
NTNV-N41-PC2-30-20-M-DFT-QPSK-Outer_Full-PASS



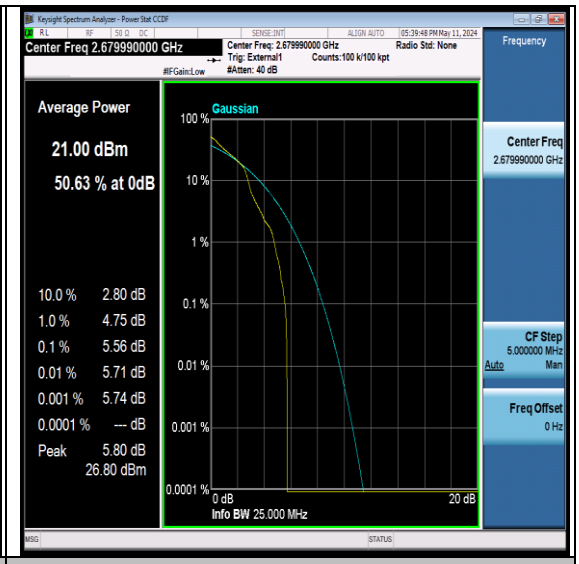
NTNV-N41-PC2-30-20-H-DFT-QPSK-Outer_Full-PASS



NTNV-N41-PC2-30-20-L-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-N41-PC2-30-20-M-DFT-QPSK-Edge_1RB_Left-PASS

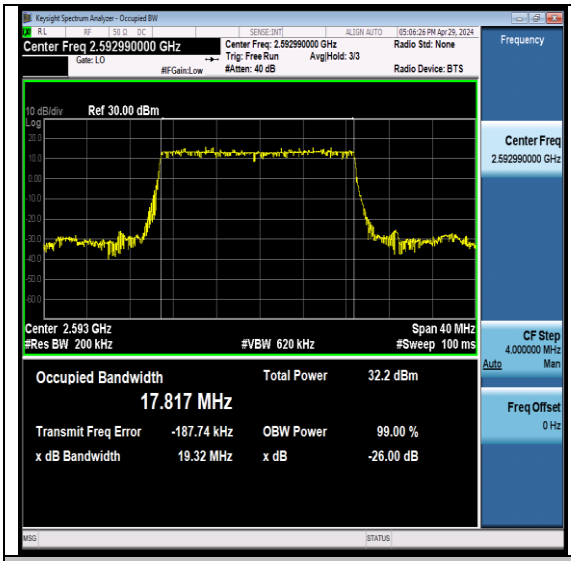


NTNV-N41-PC2-30-20-H-DFT-QPSK-Edge_1RB_Left-PASS

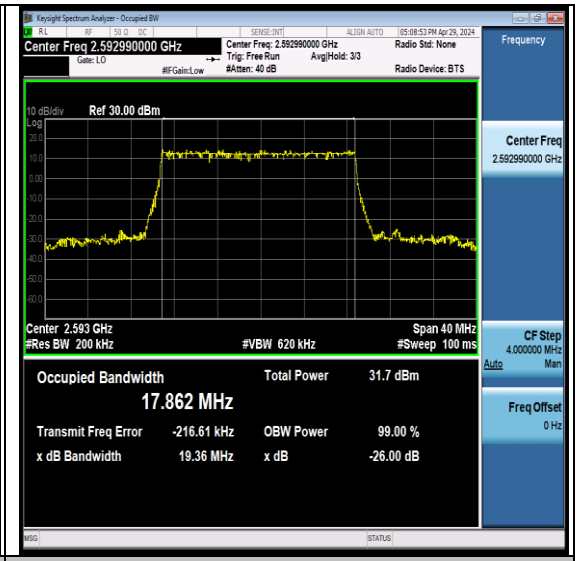
26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.817	19.32	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.862	19.36	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.892	19.12	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.807	19.02	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.818	18.91	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.829	28.66	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.741	28.55	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.771	28.56	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.772	28.54	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.791	28.40	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.730	37.47	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.797	37.70	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.802	37.49	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.776	37.58	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.735	47.72	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.730	47.75	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.721	47.89	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.700	47.90	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.714	47.62	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.840	60.37	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.930	60.13	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.793	60.17	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.788	60.16	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	57.819	60.09	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.138	80.11	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.127	79.86	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	76.915	79.85	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	77.242	79.90	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.106	79.96	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	86.798	89.99	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	86.934	89.73	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	86.565	89.67	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	86.659	89.90	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.332	99.91	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.772	37.58	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	86.703	89.66	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.463	99.87	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.532	99.75	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.440	99.90	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.344	99.66	PASS

TEST GRAPHS



NTNV-N41-PC2-30-20-M-DFT-PI2BPSK-Outer_Full-Ant0-PASS



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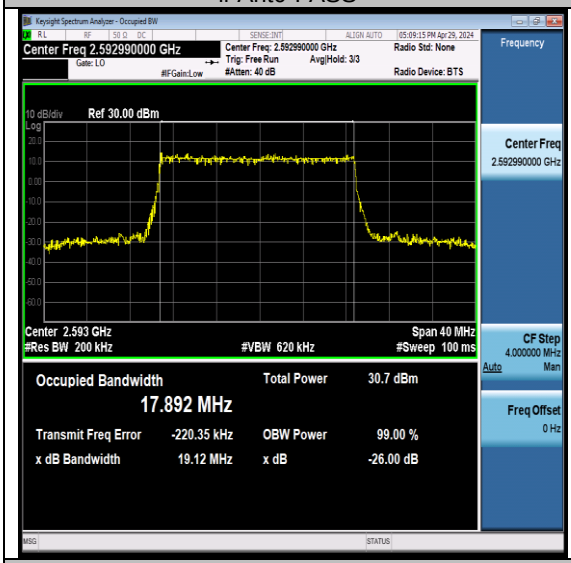

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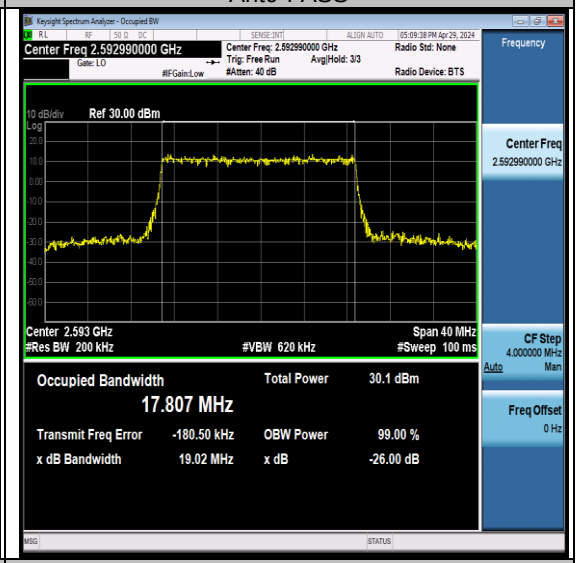

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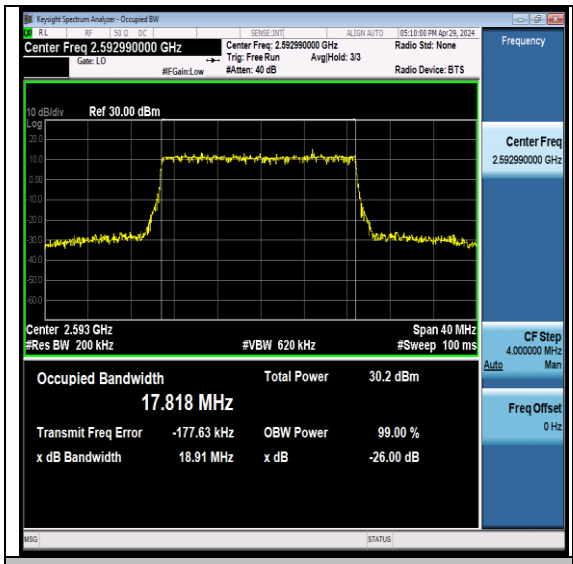

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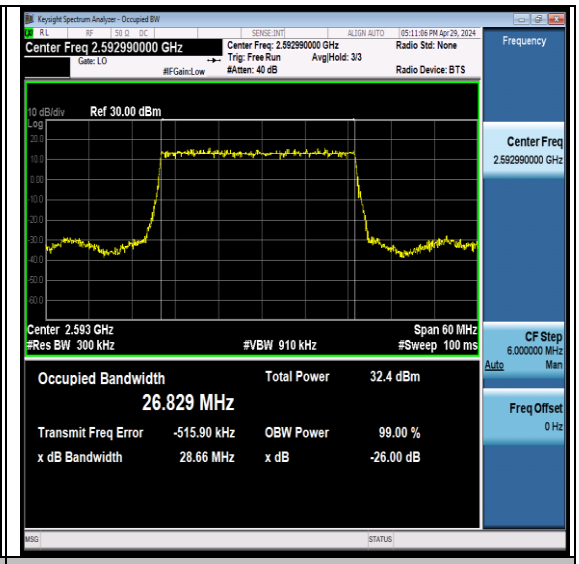

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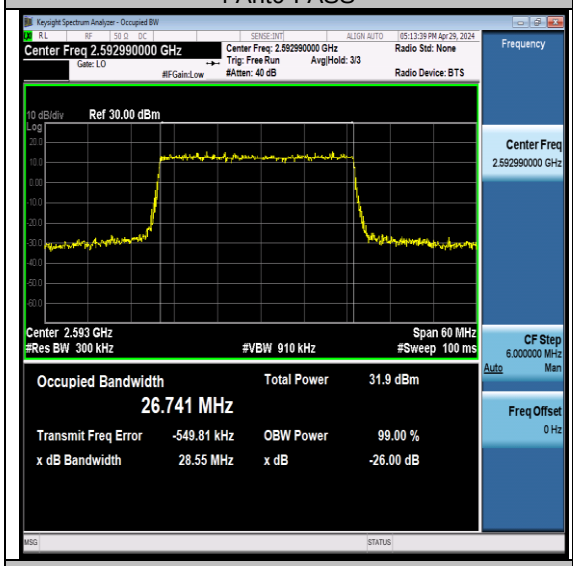

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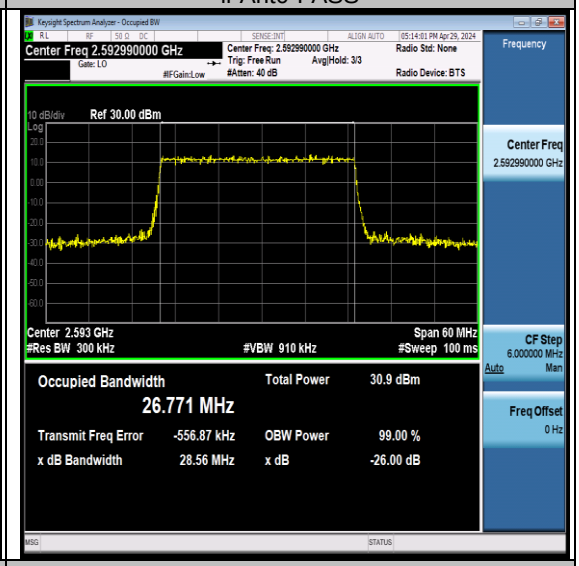

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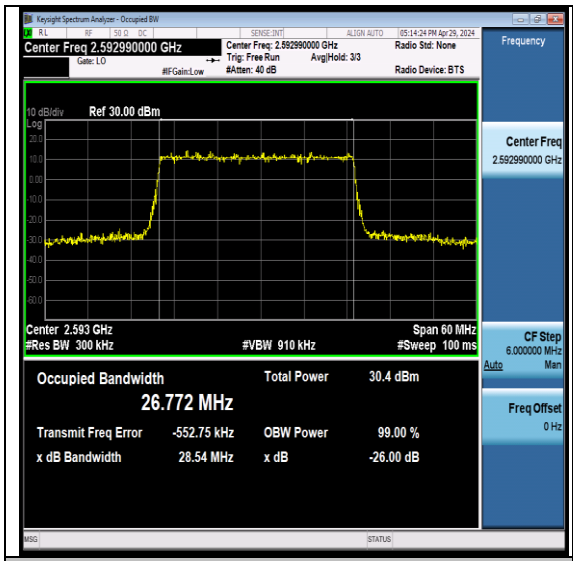

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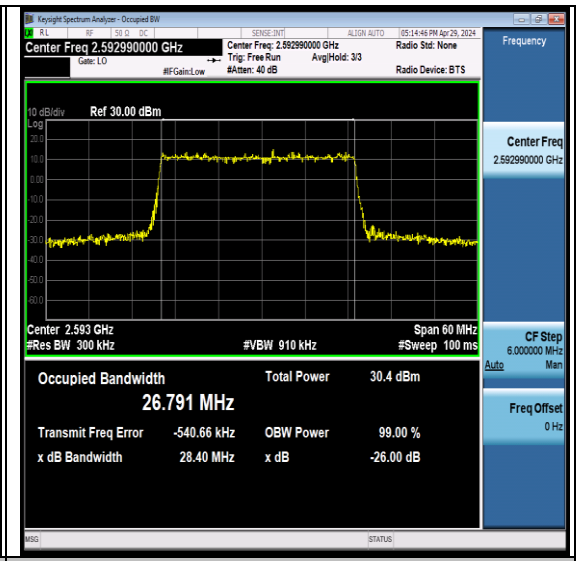

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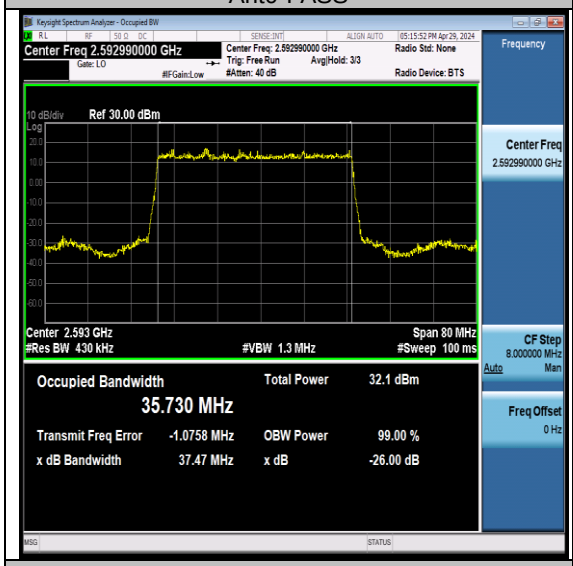

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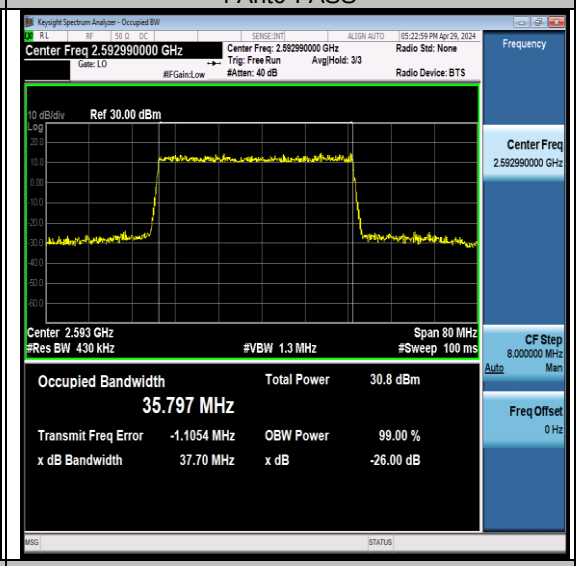

NTNV-N41-PC2-30-40-M-DFT-16QAM-Outer_Full-Ant0-PASS