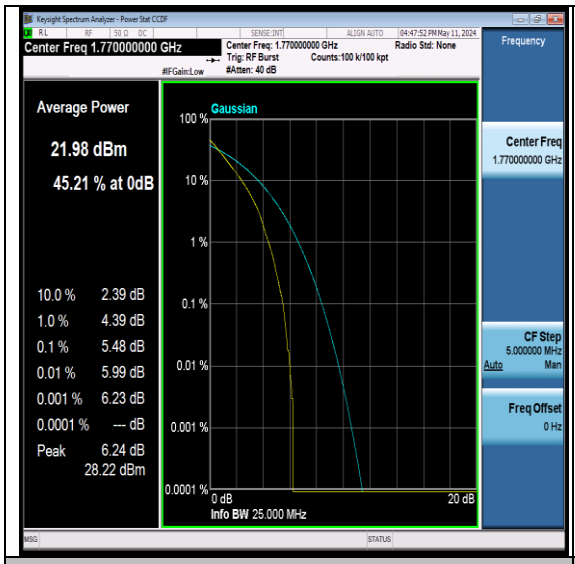
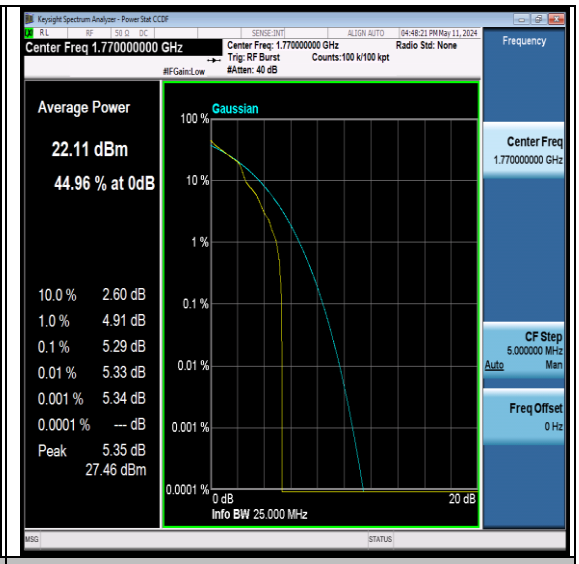


NTNV-N66-PC3-15-20-H-DFT-QPSK-Outer_Full-PASS

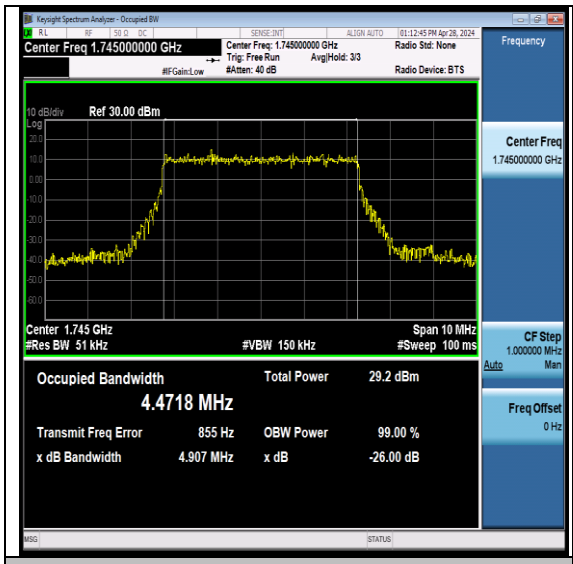


NTNV-N66-PC3-15-20-H-DFT-QPSK-Edge_1RB_Left-PASS

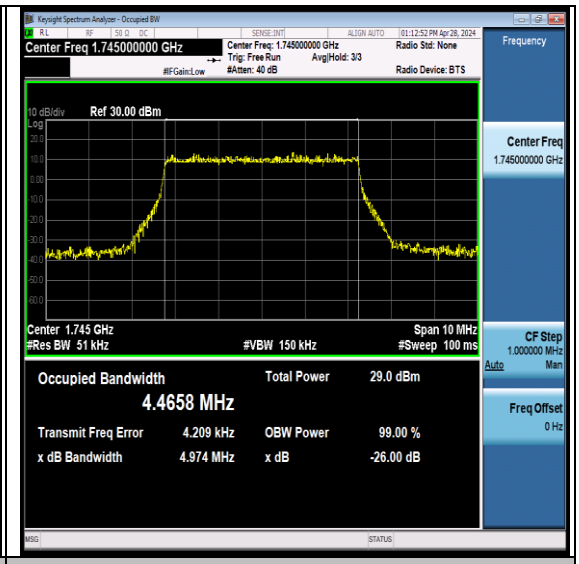
26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N66	15	5	DFT-PI2BPSK	M	Outer_Full	4.4718	4.907	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	4.4658	4.974	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	4.4542	4.977	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	4.4774	4.997	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	4.4782	4.954	PASS
N66	15	10	DFT-PI2BPSK	M	Outer_Full	8.9164	9.629	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	8.9134	9.606	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	8.9340	9.517	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	8.9189	9.589	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	8.9036	9.438	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	13.397	14.25	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	13.393	14.21	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	13.407	14.31	PASS
N66	15	15	DFT-64QAM	M	Outer_Full	13.395	14.29	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	13.397	14.11	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	17.834	18.82	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	17.876	18.78	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	17.913	18.72	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	17.874	18.89	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	17.872	18.89	PASS

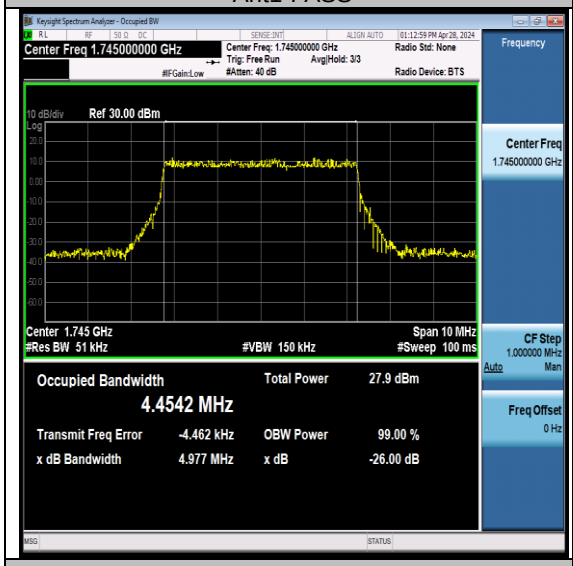
TEST GRAPHS



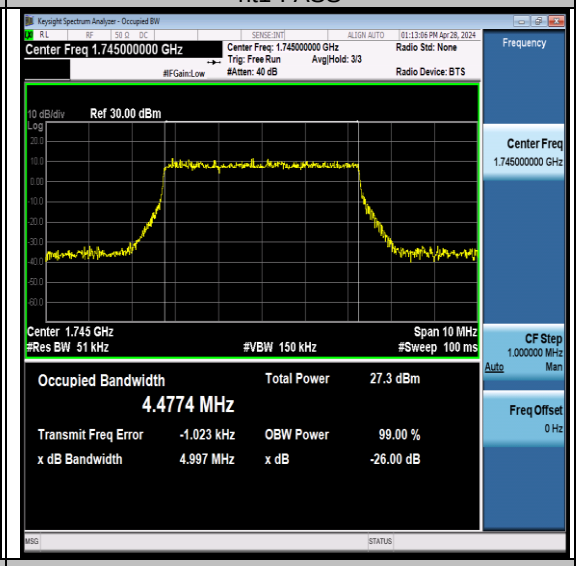
NTNV-N66-PC3-15-5-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS



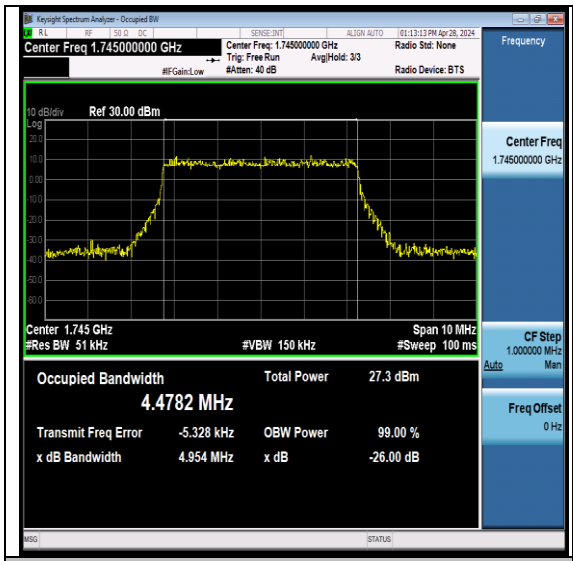
NTNV-N66-PC3-15-5-M-DFT-QPSK-Outer_Full-Ant1-PASS



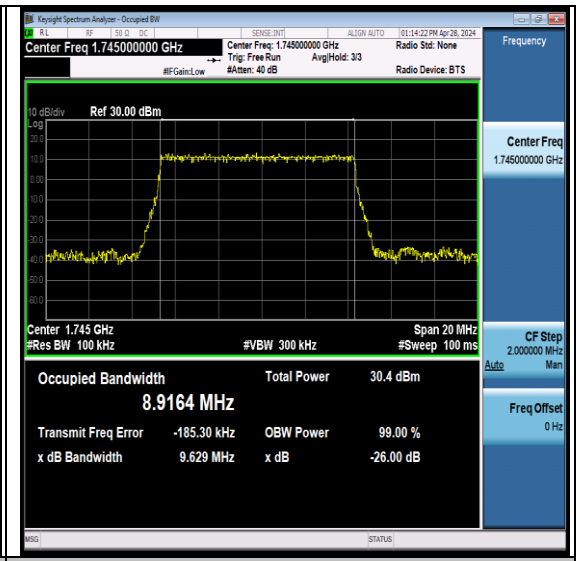
NTNV-N66-PC3-15-5-M-DFT-16QAM-Outer_Full-Ant1-PASS



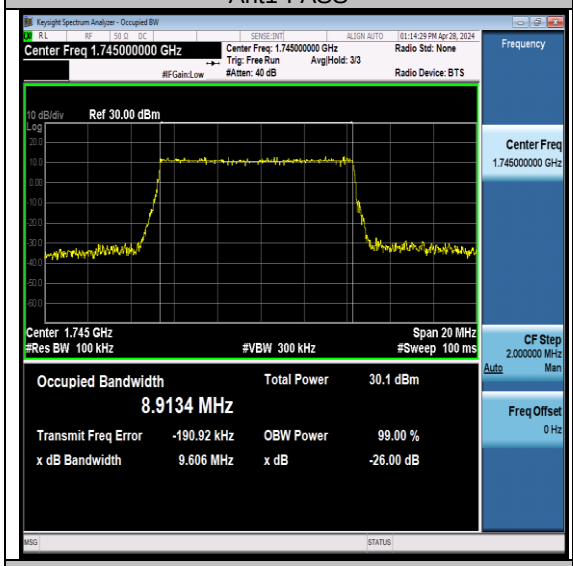
NTNV-N66-PC3-15-5-M-DFT-64QAM-Outer_Full-Ant1-PASS



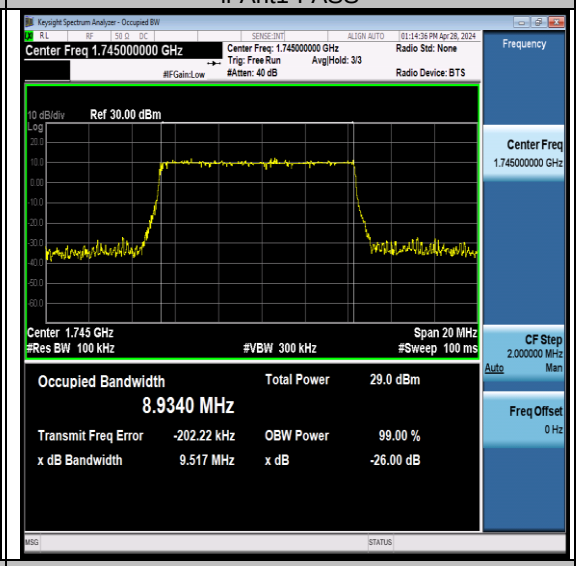
NTNV-N66-PC3-15-5-M-DFT-256QAM-Outer_Full-Ant1-PASS



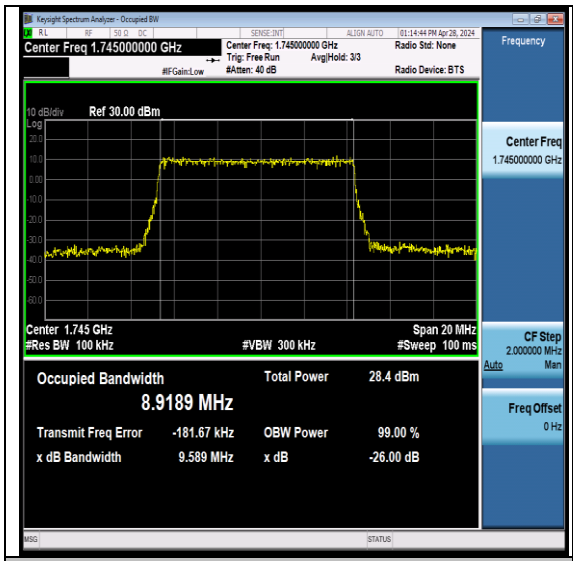
NTNV-N66-PC3-15-10-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS



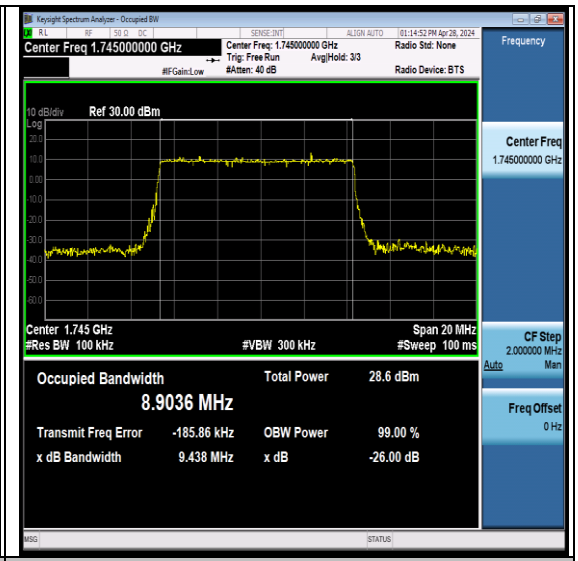
NTNV-N66-PC3-15-10-M-DFT-QPSK-Outer_Full-Ant1-PASS



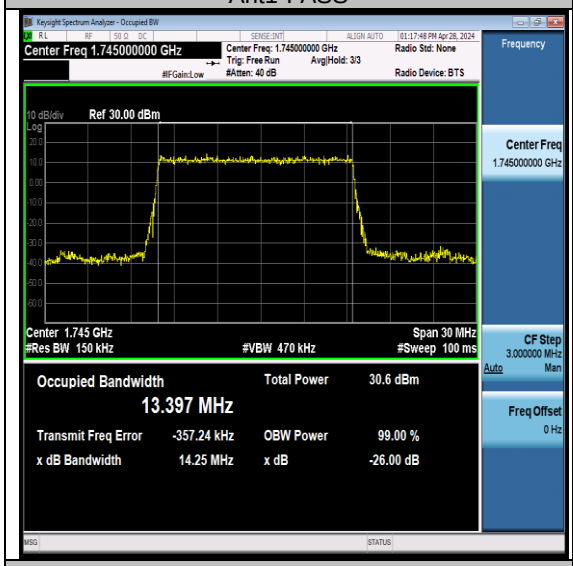
NTNV-N66-PC3-15-10-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-N66-PC3-15-10-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-N66-PC3-15-10-M-DFT-256QAM-Outer_Full-Ant1-PASS



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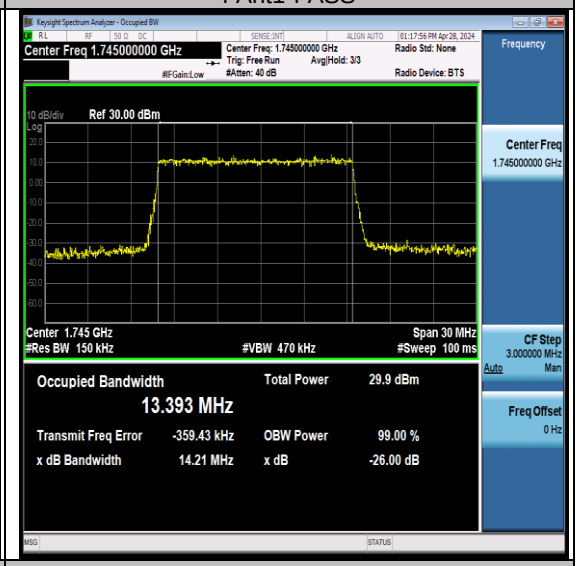

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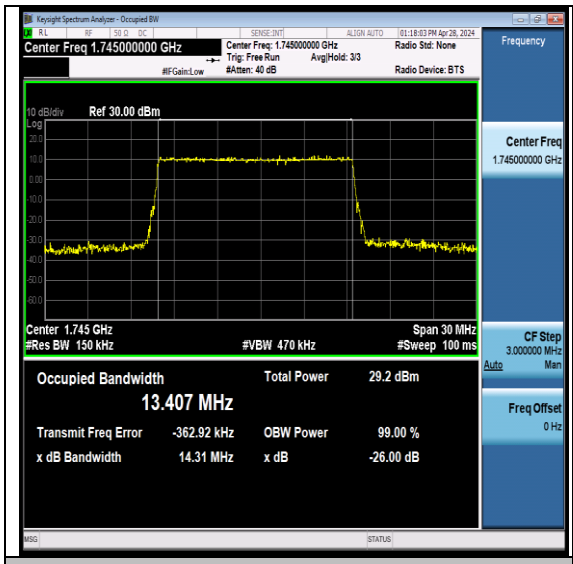

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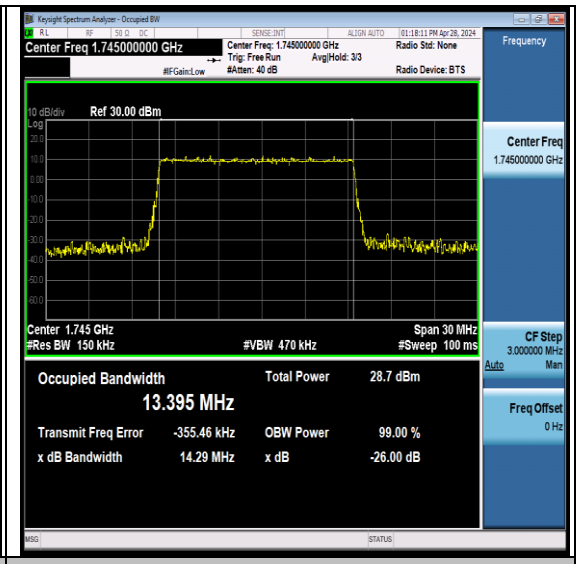
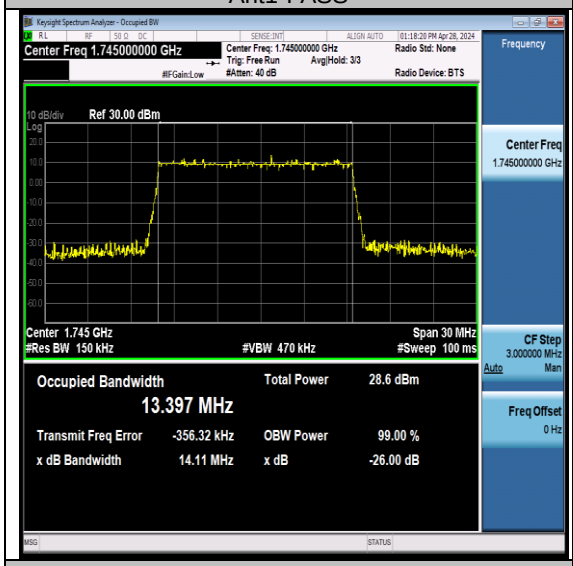
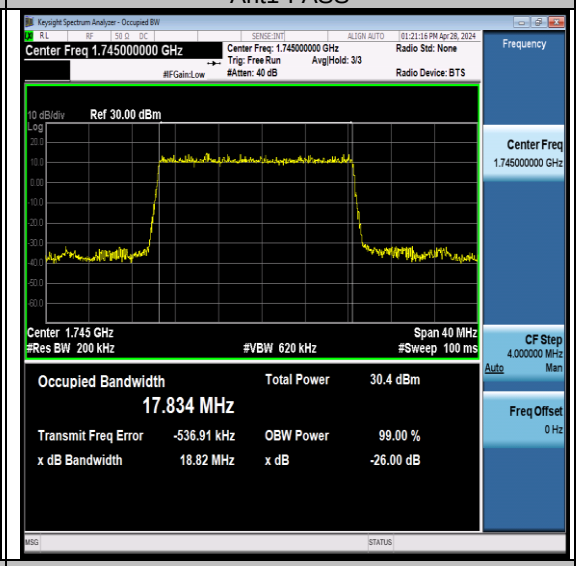


NTNV-N66-PC3-15-15-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-N66-PC3-15-15-M-DFT-256QAM-Outer_Full-Ant1-PASS



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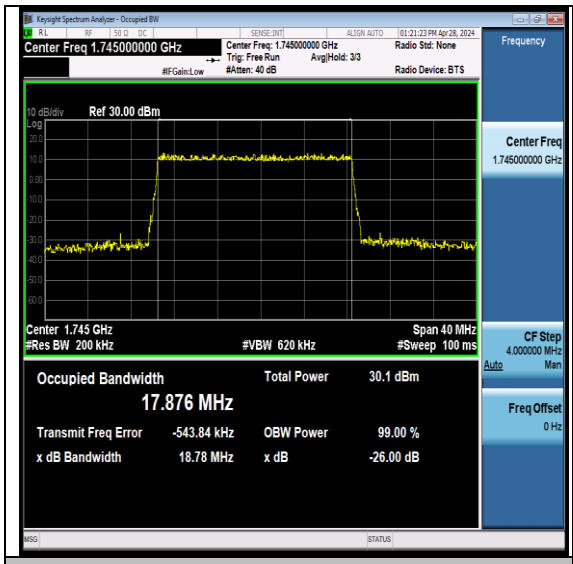
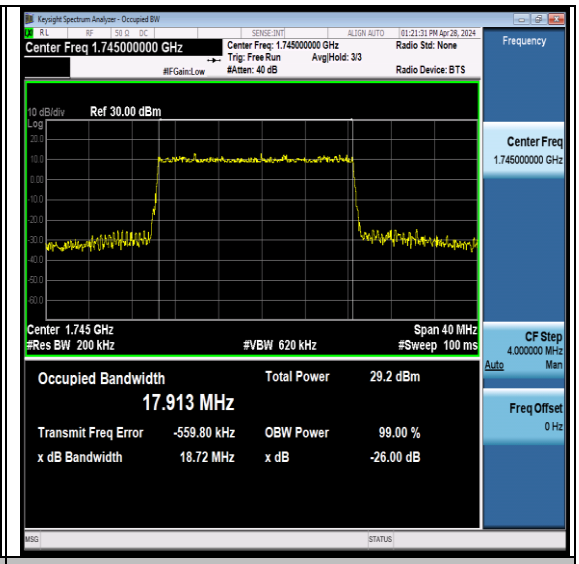
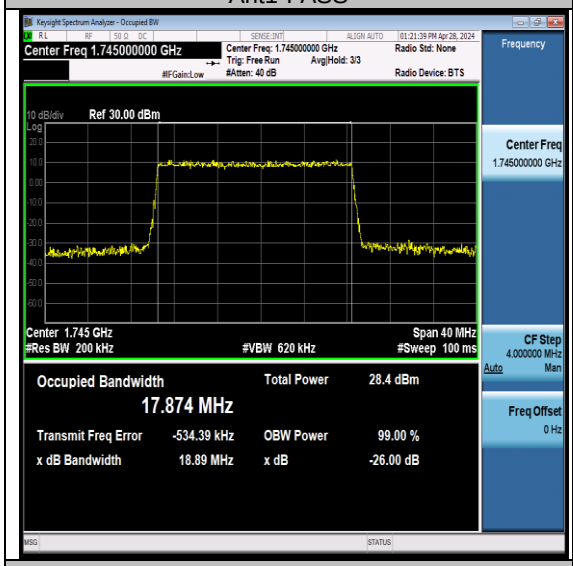


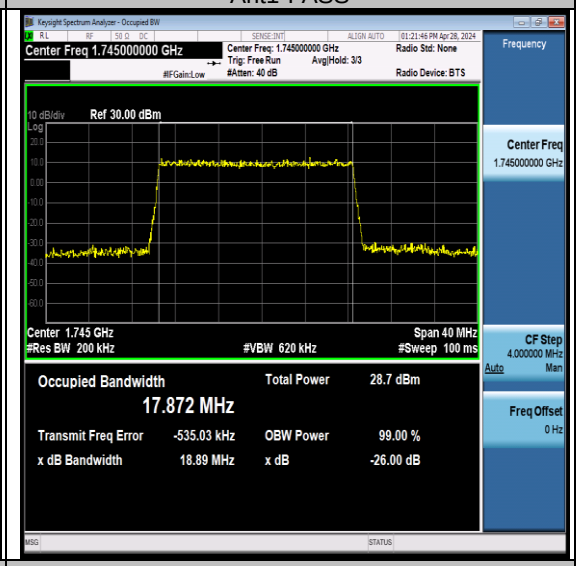
NTNV-N66-PC3-15-20-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N66-PC3-15-20-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-N66-PC3-15-20-M-DFT-64QAM-Outer_Full-Ant1-PASS

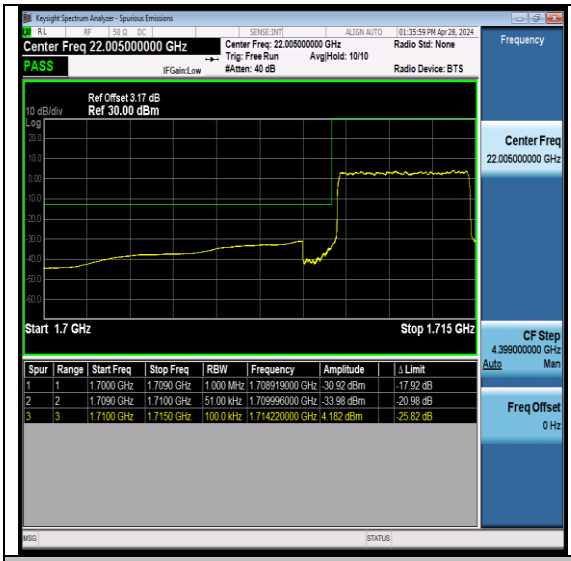


NTNV-N66-PC3-15-20-M-DFT-256QAM-Outer_Full-Ant1-PASS

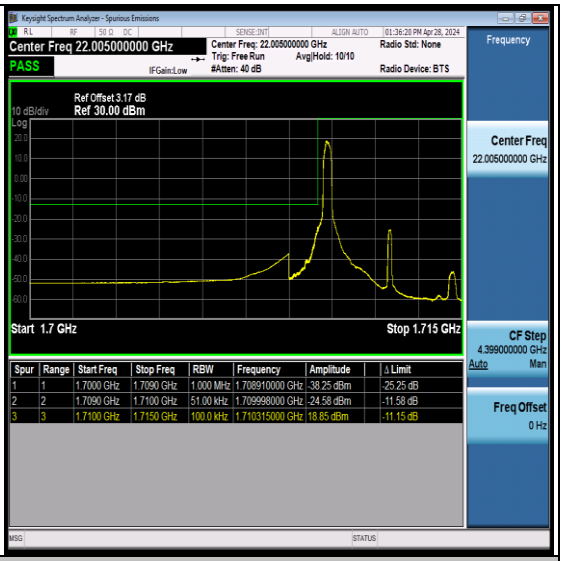
BAND EDGE FOR SA
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N66	15	5	DFT-QPSK	L	Outer_Full	-30.92	PASS
N66	15	5	DFT-QPSK	L	Edge_1RB_Left	-24.58	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	-32.31	PASS
N66	15	5	DFT-QPSK	H	Edge_1RB_Right	-27.11	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	-30.97	PASS
N66	15	10	DFT-QPSK	L	Edge_1RB_Left	-28.19	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	-35.44	PASS
N66	15	10	DFT-QPSK	H	Edge_1RB_Right	-30.81	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	-31.25	PASS
N66	15	20	DFT-QPSK	L	Edge_1RB_Left	-32.31	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	-36.93	PASS
N66	15	20	DFT-QPSK	H	Edge_1RB_Right	-33.86	PASS

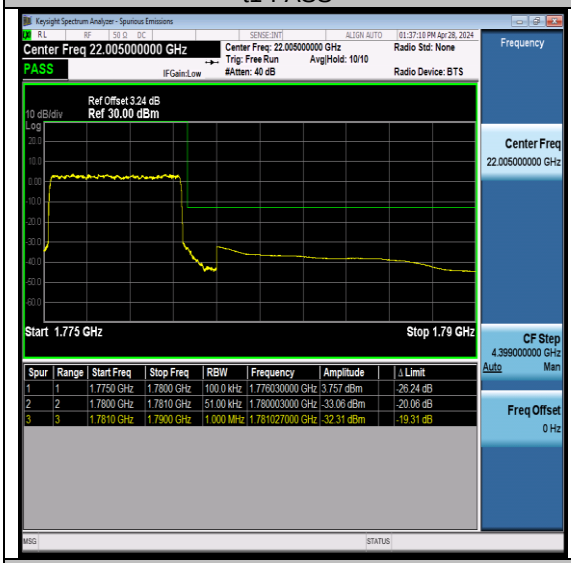
TEST GRAPHS



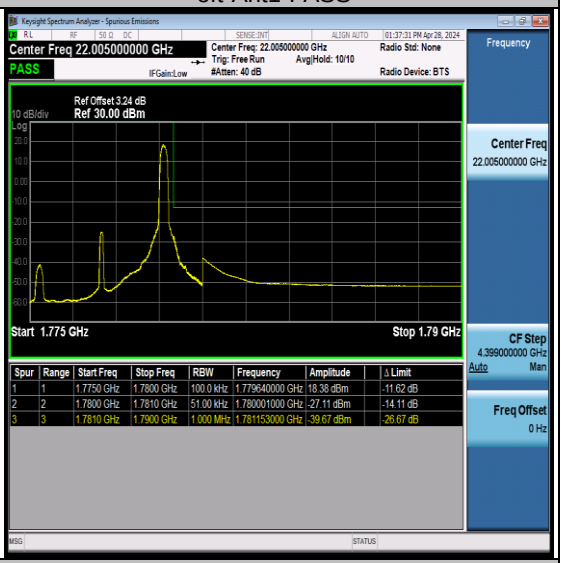
NTNV-N66-PC3-15-5-L-DFT-QPSK-Outer_Full-Ant1-PASS



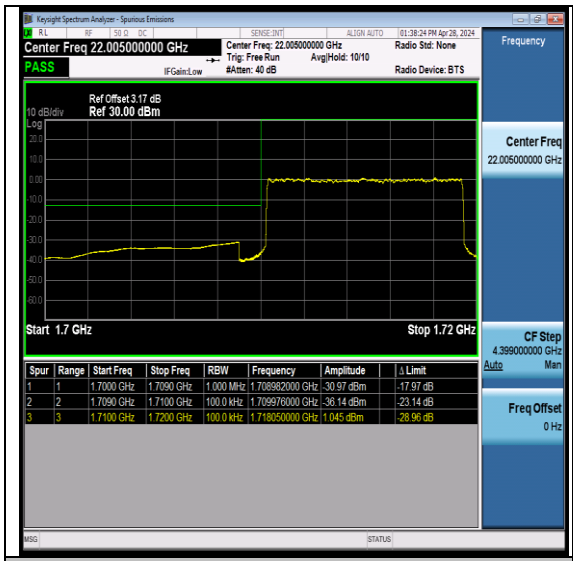
NTNV-N66-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



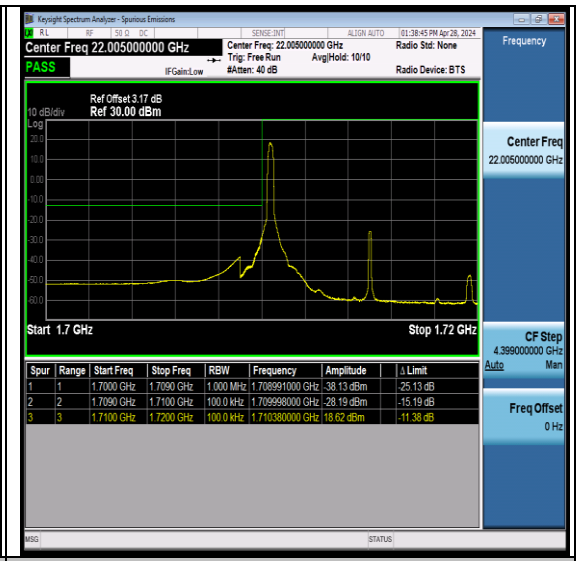
NTNV-N66-PC3-15-5-H-DFT-QPSK-Outer_Full-Ant1-PASS



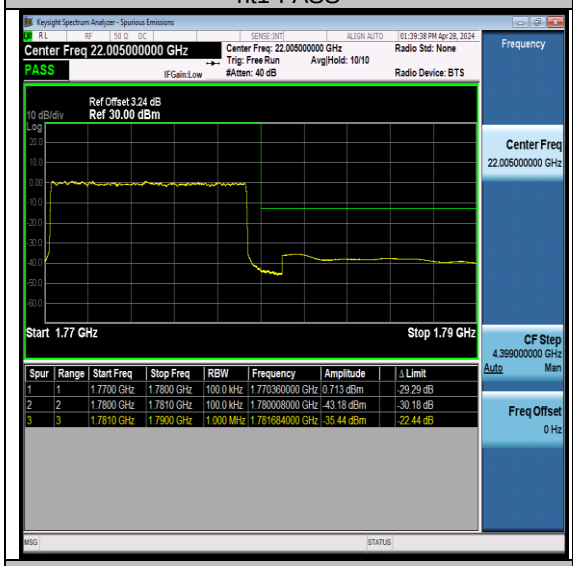
NTNV-N66-PC3-15-5-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



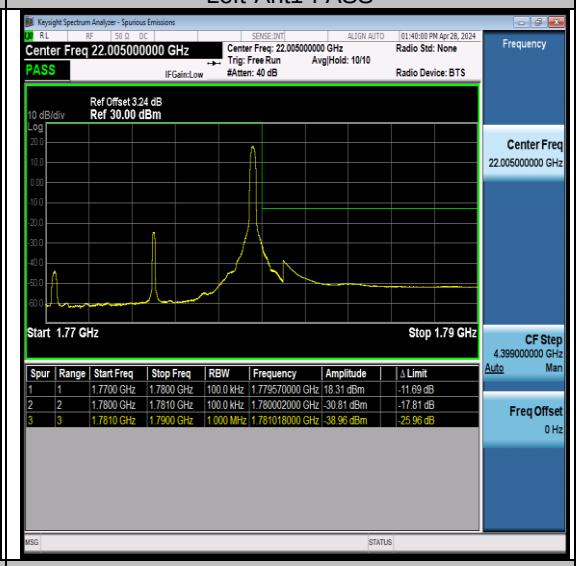
NTNV-N66-PC3-15-10-L-DFT-QPSK-Outer_Full-Ant1-PASS



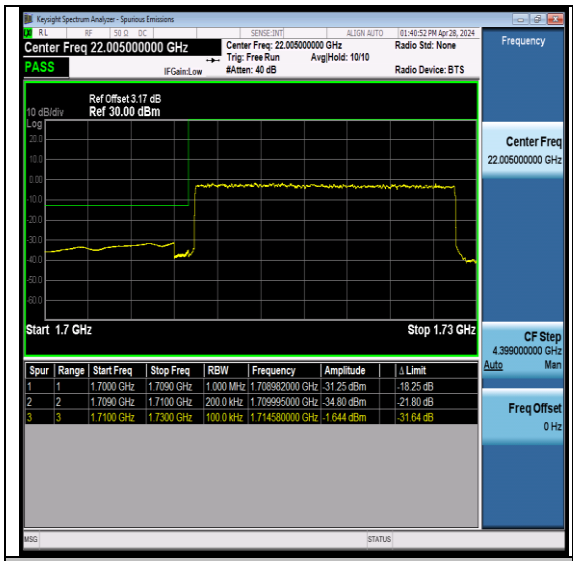
NTNV-N66-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



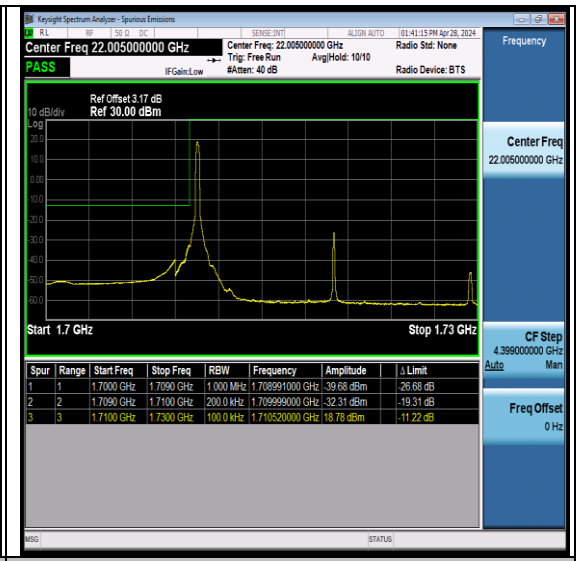
NTNV-N66-PC3-15-10-H-DFT-QPSK-Outer_Full-Ant1-PASS



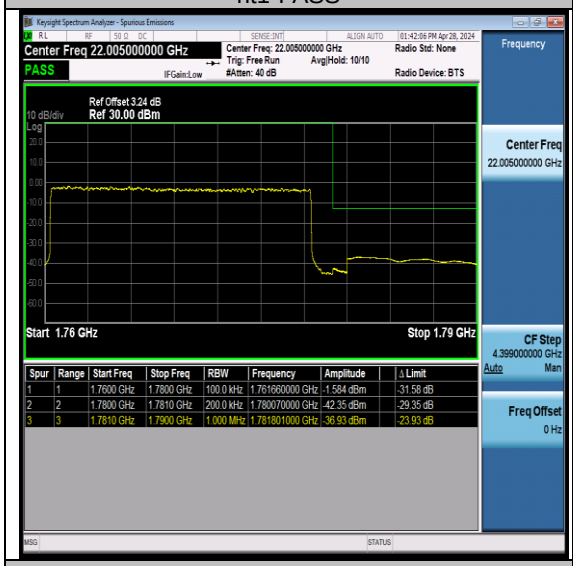
NTNV-N66-PC3-15-10-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



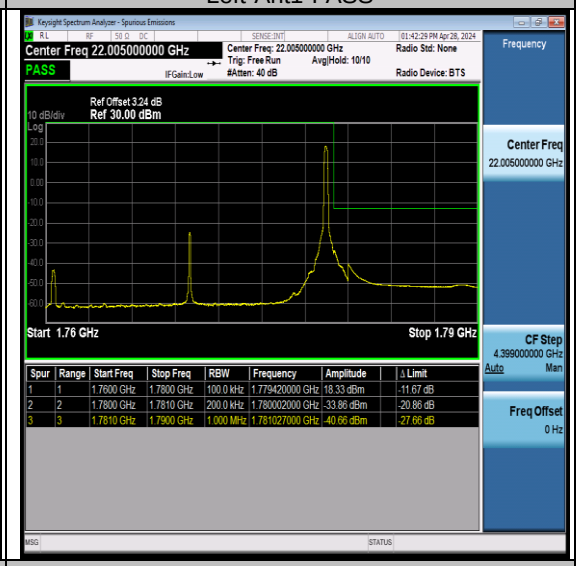
NTNV-N66-PC3-15-20-L-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N66-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N66-PC3-15-20-H-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N66-PC3-15-20-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS

CONDUCTED SPURIOUS EMISSION FOR SA
TEST RESULT

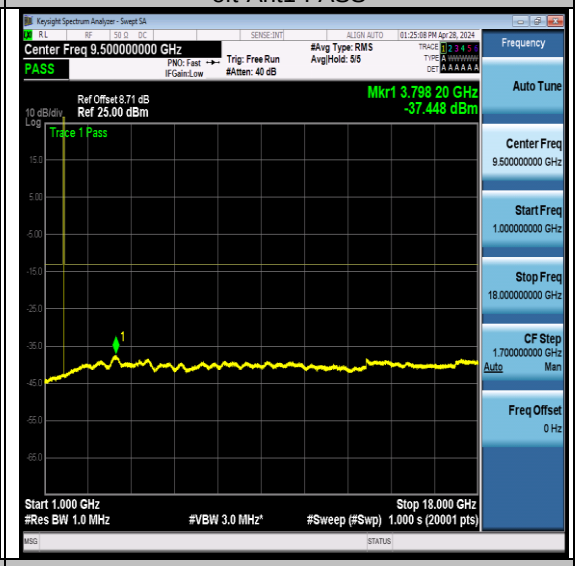
Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N66	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.54	-13	PASS
N66	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	18000	-37.33	-13	PASS
N66	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.48	-13	PASS
N66	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	18000	-37.45	-13	PASS
N66	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.63	-13	PASS
N66	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	18000	-37.41	-13	PASS
N66	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.60	-13	PASS
N66	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	18000	-37.13	-13	PASS
N66	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.55	-13	PASS
N66	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	18000	-37.38	-13	PASS
N66	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-49.23	-13	PASS
N66	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	18000	-37.20	-13	PASS
N66	15	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-49.09	-13	PASS
N66	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	18000	-37.30	-13	PASS
N66	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.65	-13	PASS
N66	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	18000	-37.35	-13	PASS
N66	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-49.13	-13	PASS
N66	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	18000	-37.47	-13	PASS

TEST GRAPHS

NTNV-N66-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N66-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N66-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N66-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N66-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N66-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N66-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N66-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N66-PC3-15-10-M-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N66-PC3-15-10-M-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N66-PC3-15-10-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N66-PC3-15-10-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N66-PC3-15-20-L-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N66-PC3-15-20-L-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N66-PC3-15-20-M-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N66-PC3-15-20-M-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N66-PC3-15-20-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS	NTNV-N66-PC3-15-20-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

FREQUENCY STABILITY FOR SA

TEST RESULT

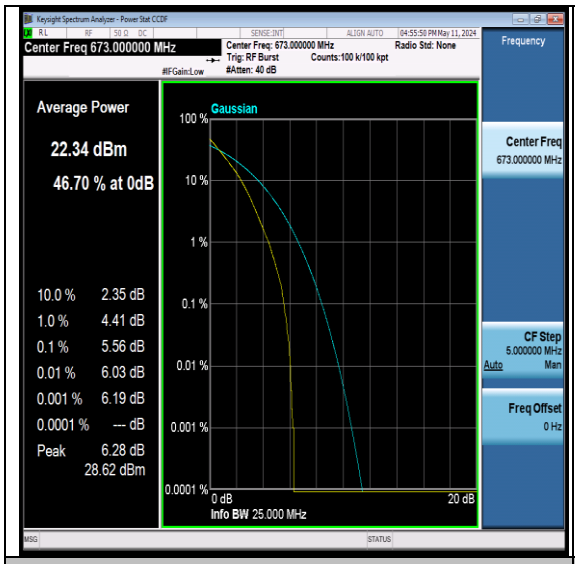
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N66	15	20	DFT-QPSK	L	Outer_Full	VL	NT	19.000000	0.011047	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	VN	NT	6.000000	0.003488	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	VH	NT	16.000000	0.009302	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	-30	5.000000	0.002907	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	-20	3.000000	0.001744	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	-10	10.000000	0.005814	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	0	9.000000	0.005233	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	10	16.000000	0.009302	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	20	15.000000	0.008721	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	30	10.000000	0.005814	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	40	12.000000	0.006977	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	50	7.000000	0.004070	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	VL	NT	14.000000	0.008023	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	VN	NT	12.000000	0.006877	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	VH	NT	10.000000	0.005731	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	-30	11.000000	0.006304	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	-20	3.000000	0.001719	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	-10	1.000000	0.000573	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	0	18.000000	0.010315	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	10	13.000000	0.007450	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	20	5.000000	0.002865	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	30	12.000000	0.006877	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	40	4.000000	0.002292	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	50	18.000000	0.010315	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	VL	NT	14.000000	0.007910	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	VN	NT	12.000000	0.006780	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	VH	NT	7.000000	0.003955	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	-30	15.000000	0.008475	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	-20	13.000000	0.007345	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	-10	1.000000	0.000565	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	0	19.000000	0.010734	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	10	2.000000	0.001130	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	20	19.000000	0.010734	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	30	8.000000	0.004520	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	40	6.000000	0.003390	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	50	6.000000	0.003390	PASS

N71

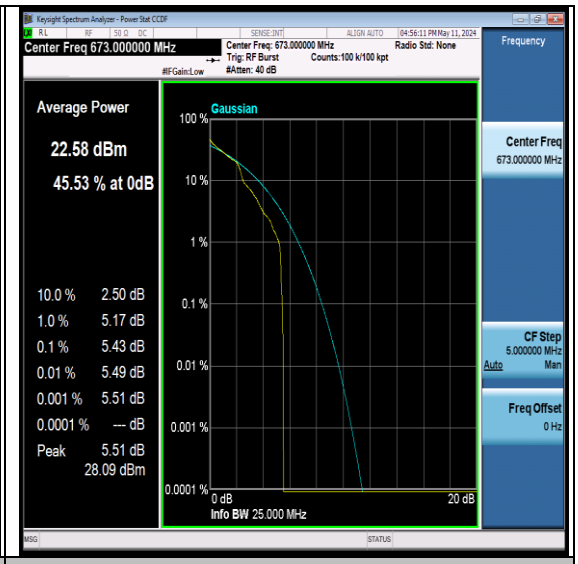
PEAK-TO-AVERAGE RATIO(CCDF)
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N71	15	20	DFT-QPSK	L	Outer_Full	5.56	≤13	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	5.43	≤13	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	5.69	≤13	PASS
N71	15	20	DFT-QPSK	M	Edge_1RB_Left	5.82	≤13	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	5.59	≤13	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Left	6.09	≤13	PASS

TEST GRAPHS



NTNV-N71-PC3-15-20-L-DFT-QPSK-Outer_Full-PASS



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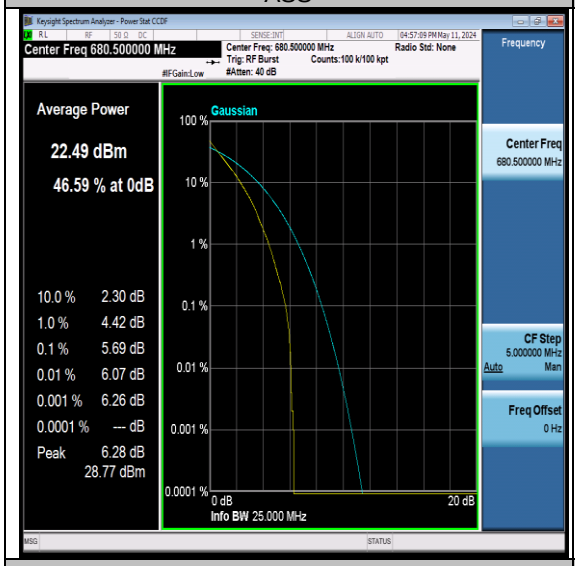
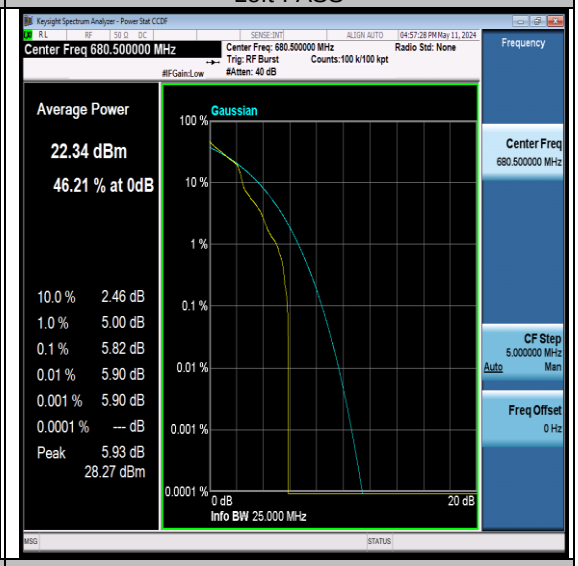


NTNV-N71-PC3-15-20-M-DFT-QPSK-Outer_Full-PASS



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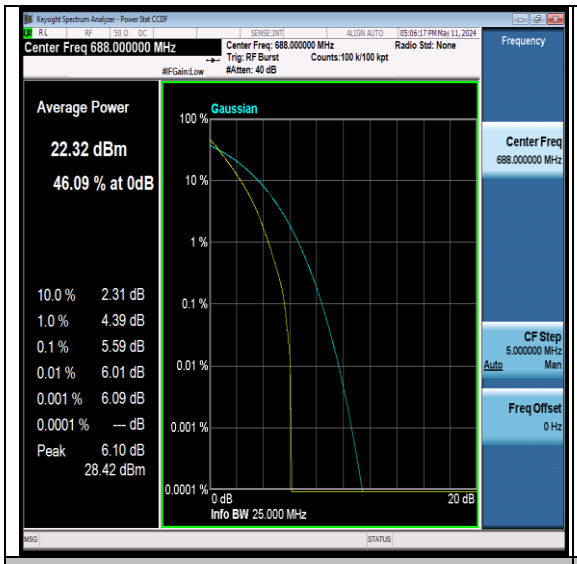
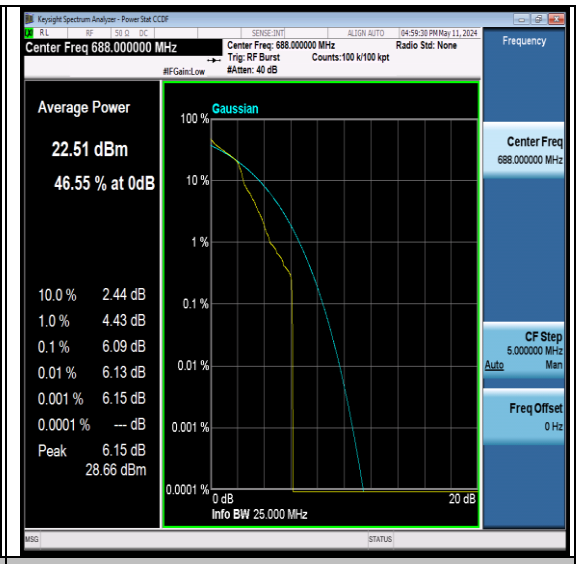


NTNV-N71-PC3-15-20-H-DFT-QPSK-Outer_Full-PASS



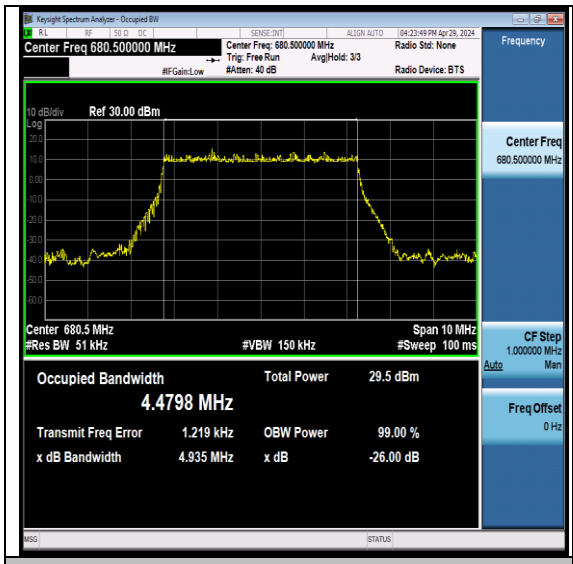
NTNV-N71-PC3-15-20-H-DFT-QPSK-Edge_1RB_Left-PASS

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

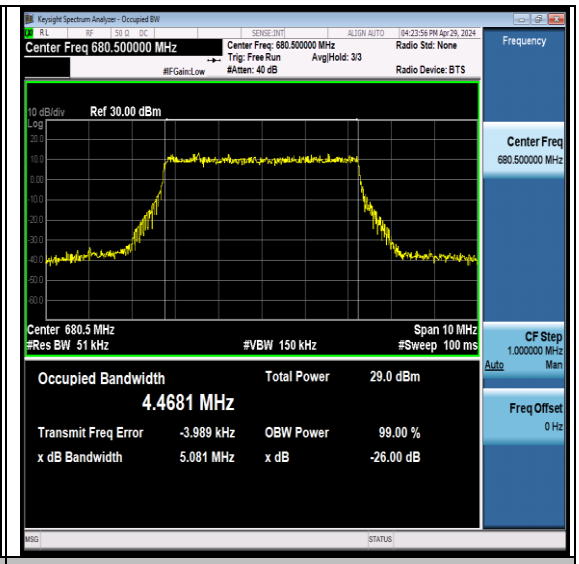
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N71	15	5	DFT-PI2BPSK	M	Outer_Full	4.4798	4.935	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	4.4681	5.081	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	4.4613	4.992	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	4.4710	4.892	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	4.4832	5.044	PASS
N71	15	10	DFT-PI2BPSK	M	Outer_Full	8.9160	9.496	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	8.9014	9.491	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	8.9088	9.500	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	8.9039	9.608	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	8.9062	9.561	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	13.408	14.25	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	13.390	14.19	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	13.404	14.31	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	13.381	14.27	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	13.388	14.12	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	17.811	18.84	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	17.838	18.76	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	17.838	18.80	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	17.853	18.69	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	17.853	18.74	PASS

TEST GRAPHS



NTNV-N71-PC3-15-5-M-DFT-PI2BPSK-Outer_Full-Ant0-PASS



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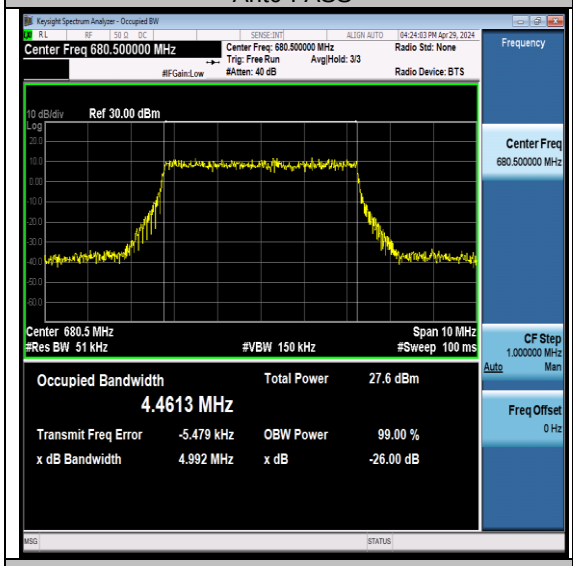
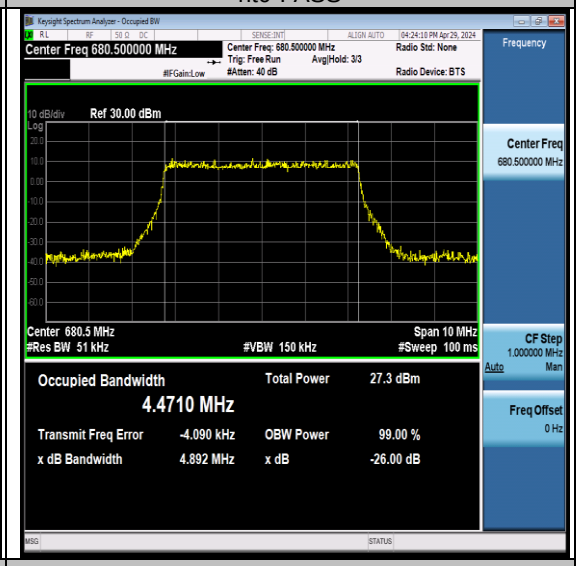


NTNV-N71-PC3-15-5-M-DFT-16QAM-Outer_Full-Ant0-PASS



NTNV-N71-PC3-15-5-M-DFT-64QAM-Outer_Full-Ant0-PASS