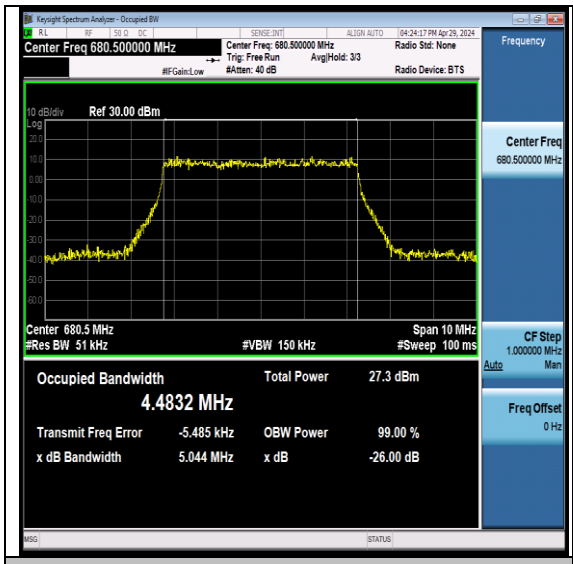
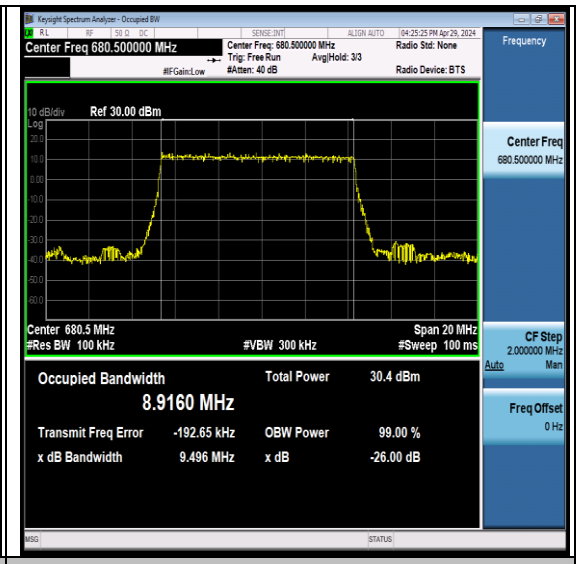
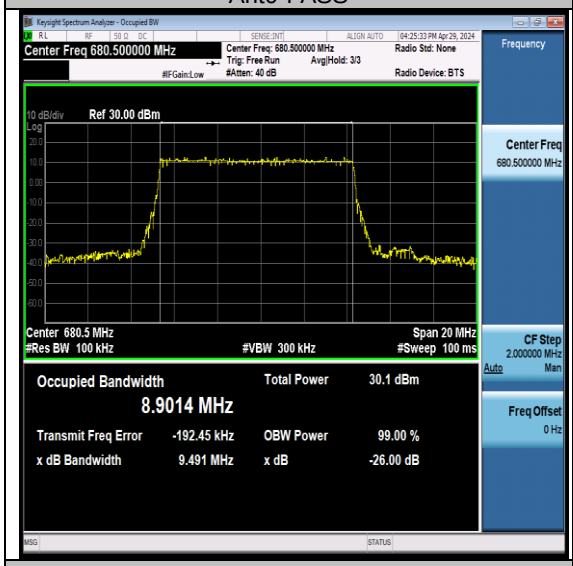


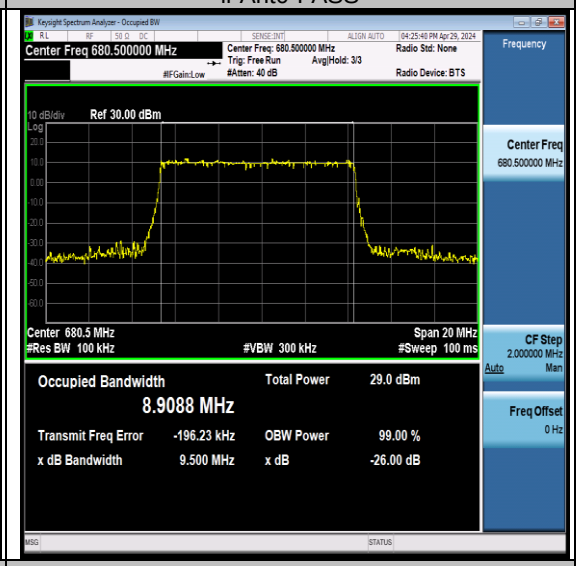
NTNV-N71-PC3-15-5-M-DFT-256QAM-Outer_Full-Ant0-PASS



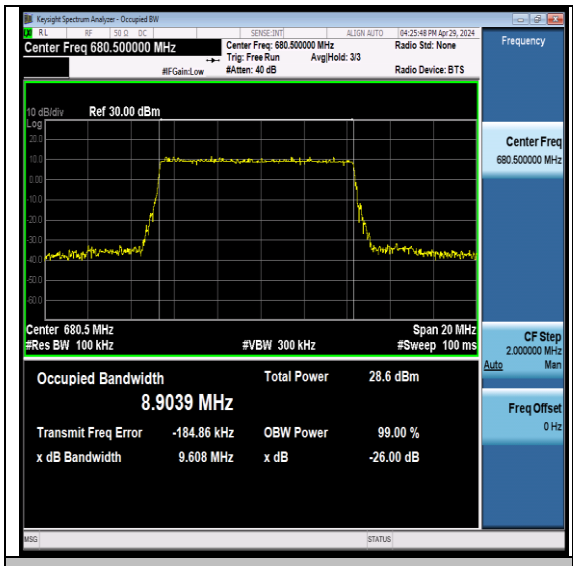
NTNV-N71-PC3-15-10-M-DFT-PI2BPSK-Outer_Full-Ant0-PASS



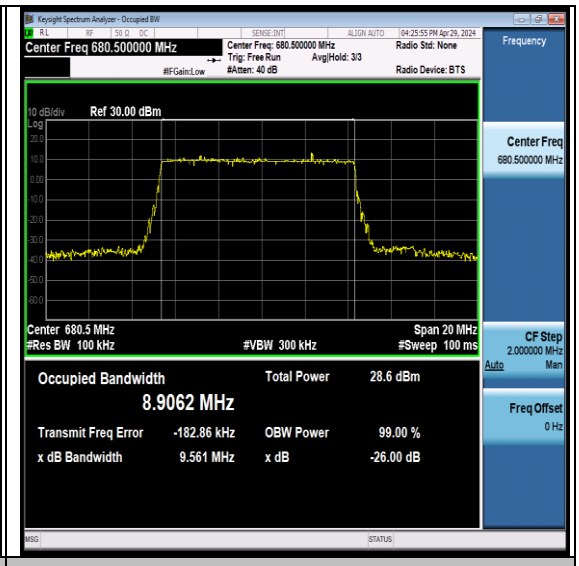
NTNV-N71-PC3-15-10-M-DFT-QPSK-Outer_Full-Ant0-PASS



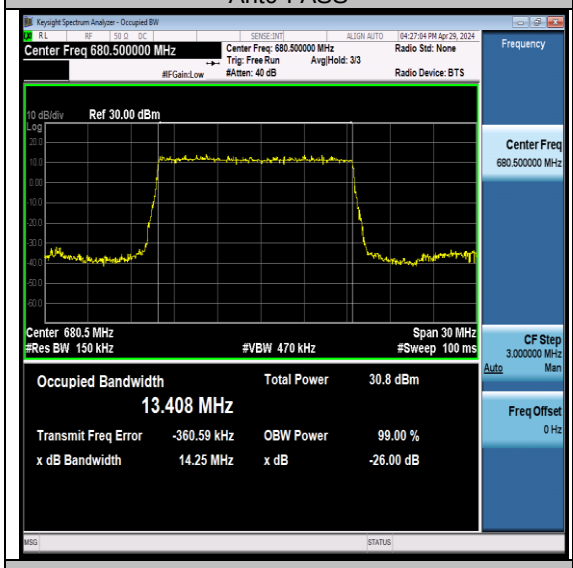
NTNV-N71-PC3-15-10-M-DFT-16QAM-Outer_Full-Ant0-PASS



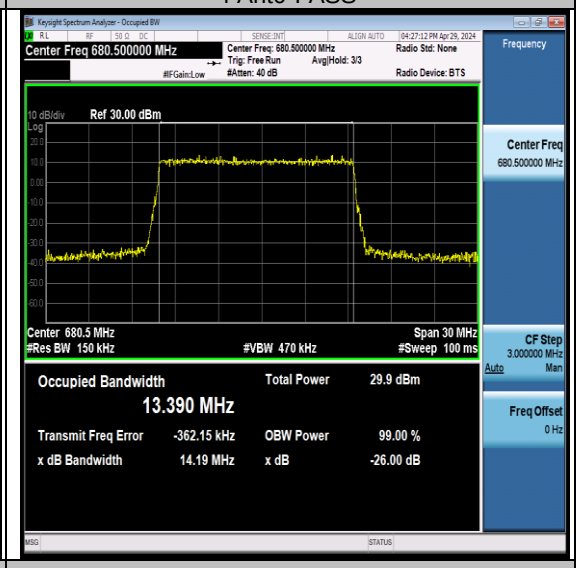
NTNV-N71-PC3-15-10-M-DFT-64QAM-Outer_Full-Ant0-PASS



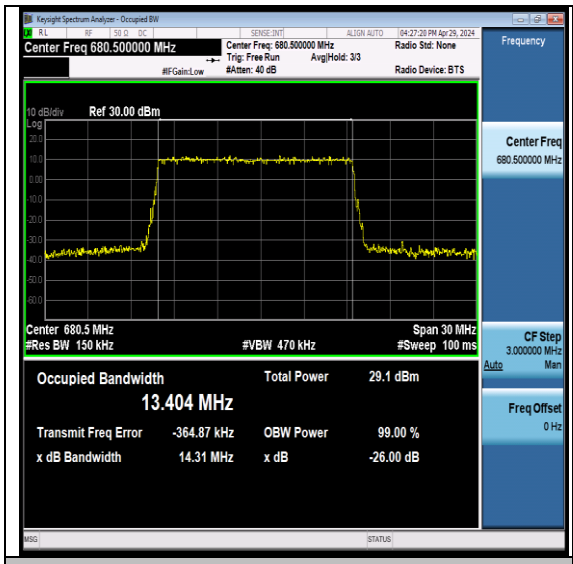
NTNV-N71-PC3-15-10-M-DFT-256QAM-Outer_Full-Ant0-PASS



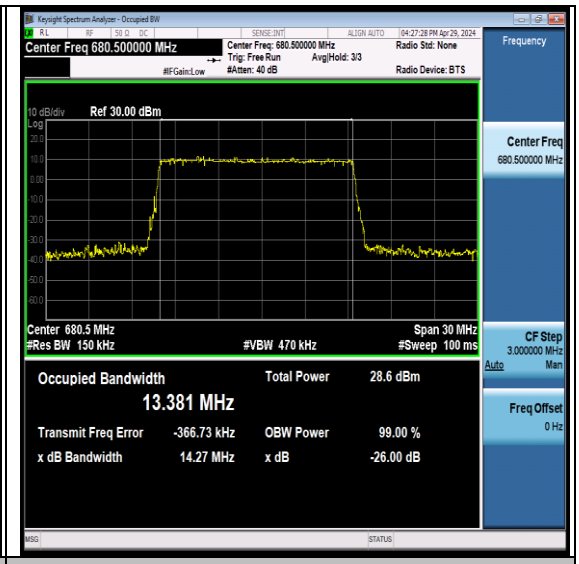
NTNV-N71-PC3-15-15-M-DFT-PI2BPSK-Outer_Full-Ant0-PASS



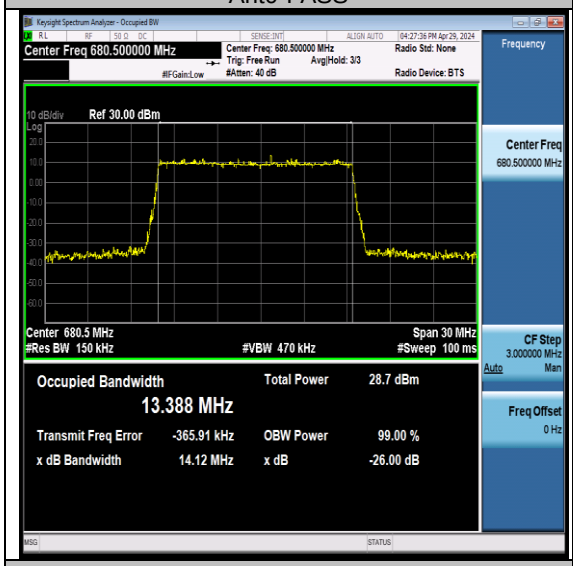
NTNV-N71-PC3-15-15-M-DFT-QPSK-Outer_Full-Ant0-PASS



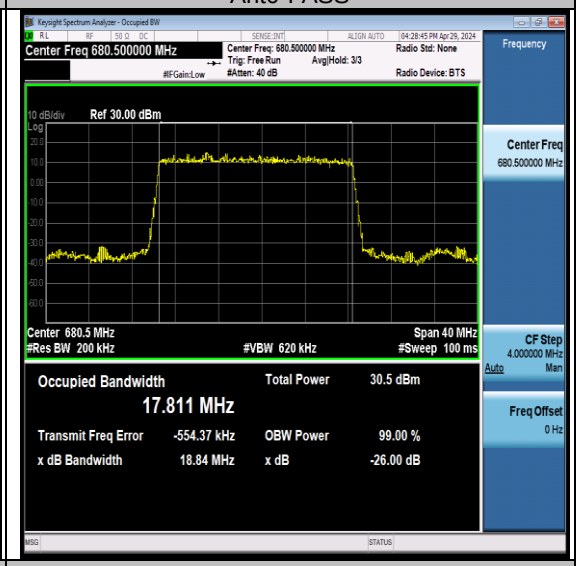
NTNV-N71-PC3-15-15-M-DFT-16QAM-Outer_Full-Ant0-PASS



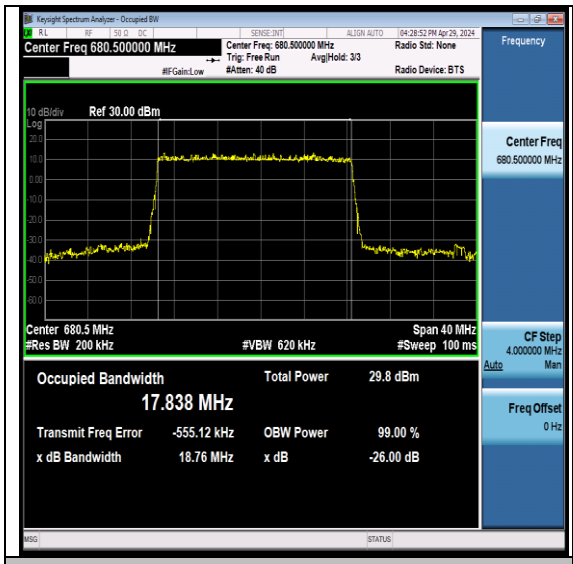
NTNV-N71-PC3-15-15-M-DFT-64QAM-Outer_Full-Ant0-PASS



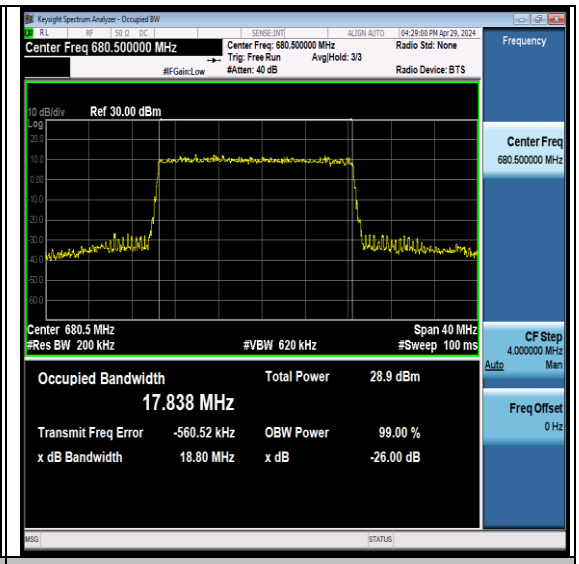
NTNV-N71-PC3-15-15-M-DFT-256QAM-Outer_Full-Ant0-PASS



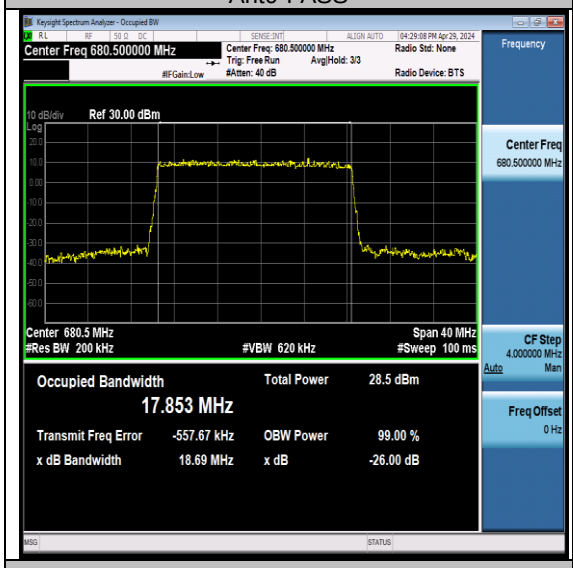
NTNV-N71-PC3-15-20-M-DFT-PI2BPSK-Outer_Full-Ant0-PASS



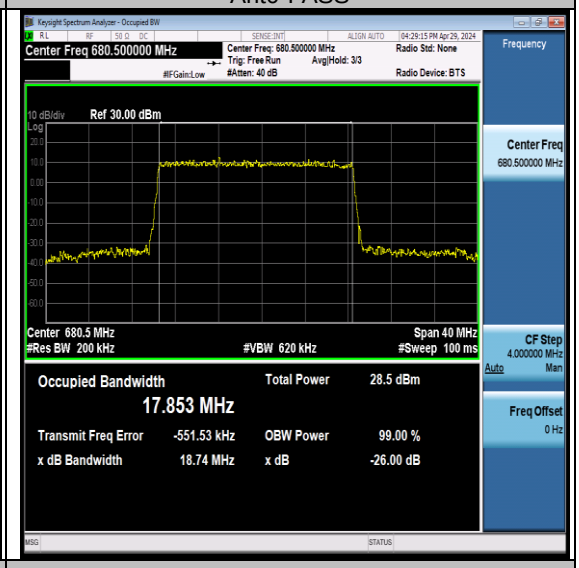
NTNV-N71-PC3-15-20-M-DFT-QPSK-Outer_Full-Ant0-PASS



NTNV-N71-PC3-15-20-M-DFT-16QAM-Outer_Full-Ant0-PASS



NTNV-N71-PC3-15-20-M-DFT-64QAM-Outer_Full-Ant0-PASS

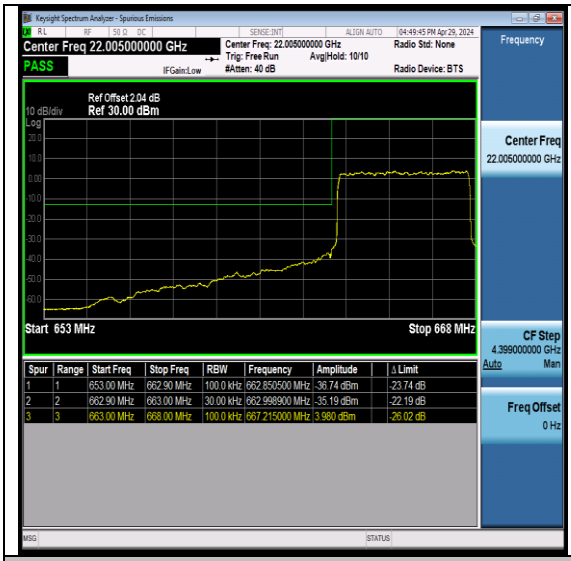


NTNV-N71-PC3-15-20-M-DFT-256QAM-Outer_Full-Ant0-PASS

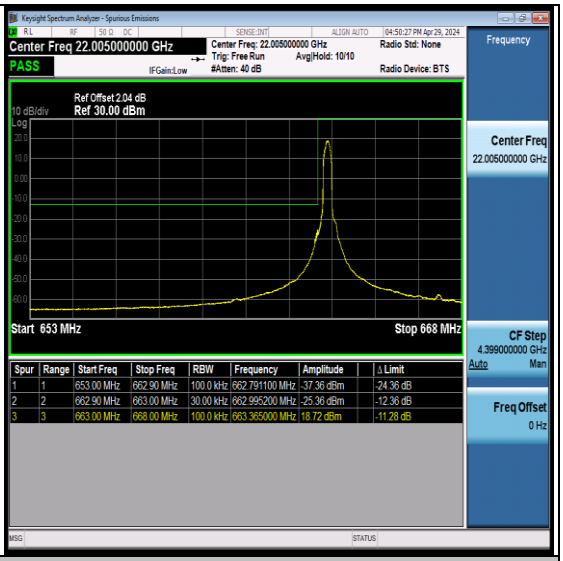
BAND EDGE FOR SA
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N71	15	5	DFT-QPSK	L	Outer_Full	-35.19	PASS
N71	15	5	DFT-QPSK	L	Edge_1RB_Left	-25.36	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	-32.08	PASS
N71	15	5	DFT-QPSK	H	Edge_1RB_Right	-26.62	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	-40.01	PASS
N71	15	10	DFT-QPSK	L	Edge_1RB_Left	-28.32	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	-43.46	PASS
N71	15	10	DFT-QPSK	H	Edge_1RB_Right	-28.33	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	-45.25	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	-32.99	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	-46.46	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Right	-34.76	PASS

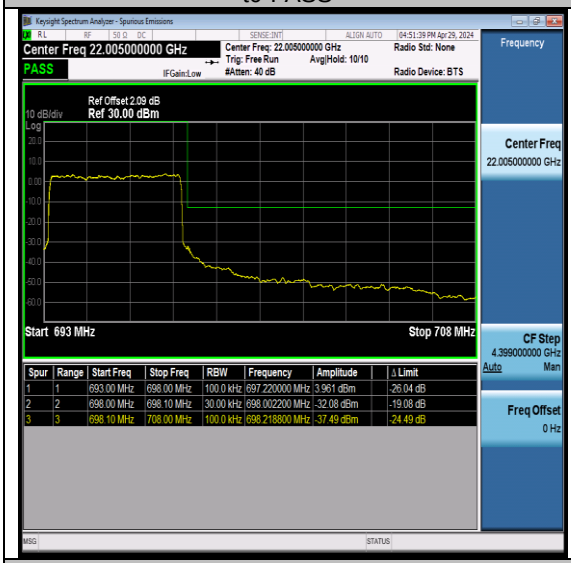
TEST GRAPHS



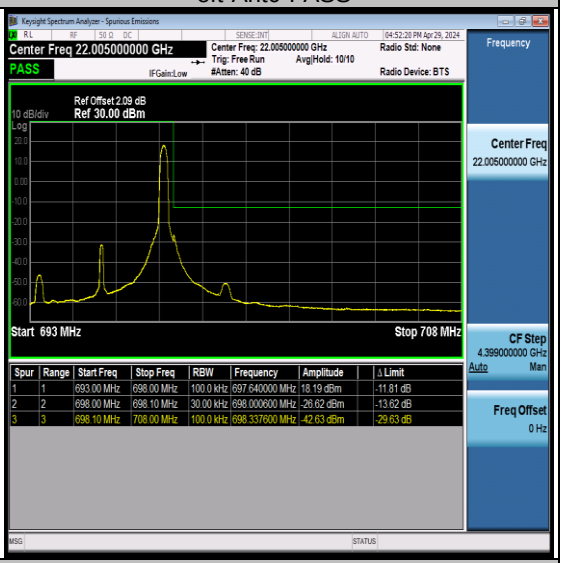
NTNV-N71-PC3-15-5-L-DFT-QPSK-Outer_Full-Ant0-PASS



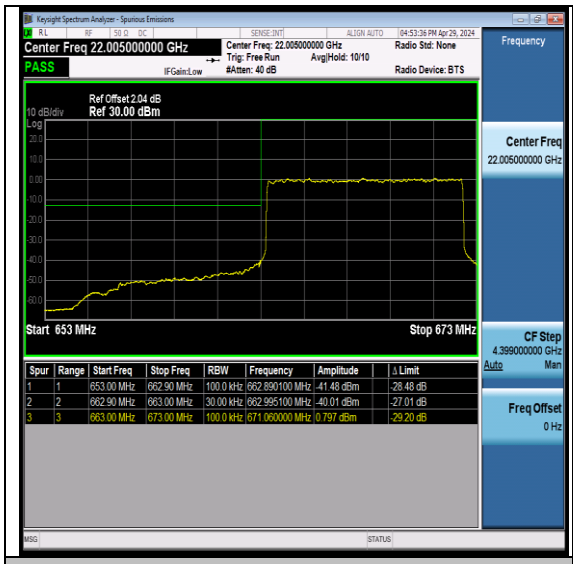
NTNV-N71-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



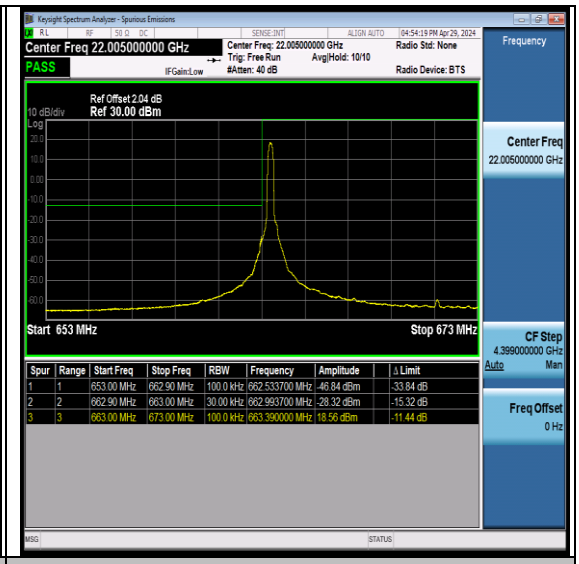
NTNV-N71-PC3-15-5-H-DFT-QPSK-Outer_Full-Ant0-PASS



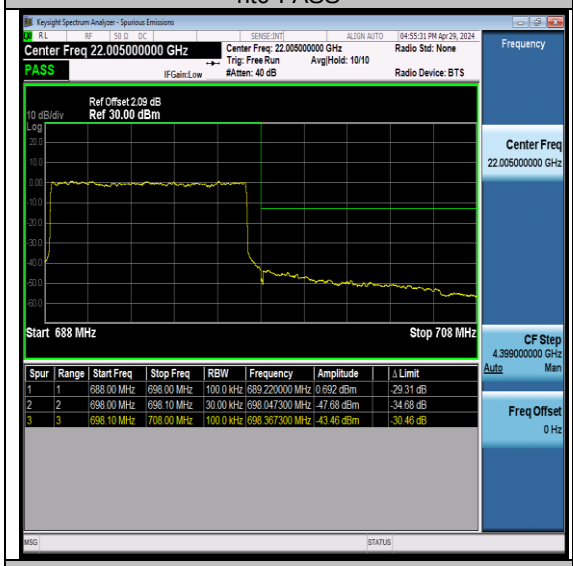
NTNV-N71-PC3-15-5-H-DFT-QPSK-Edge_1RB_Right-Ant0-PASS



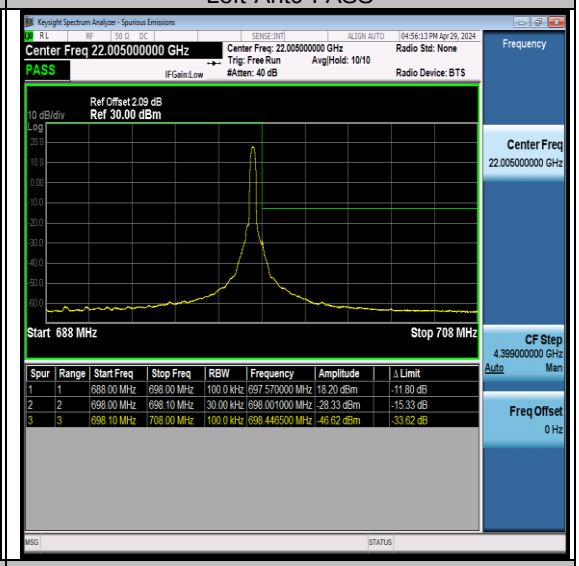
NTNV-N71-PC3-15-10-L-DFT-QPSK-Outer_Full-Ant0-PASS



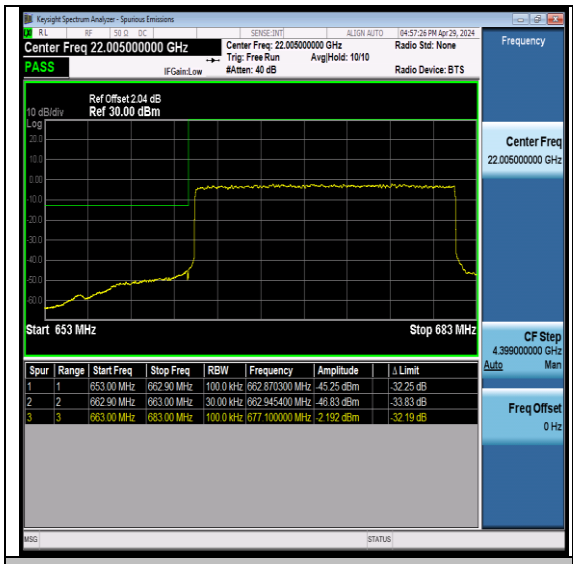
NTNV-N71-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



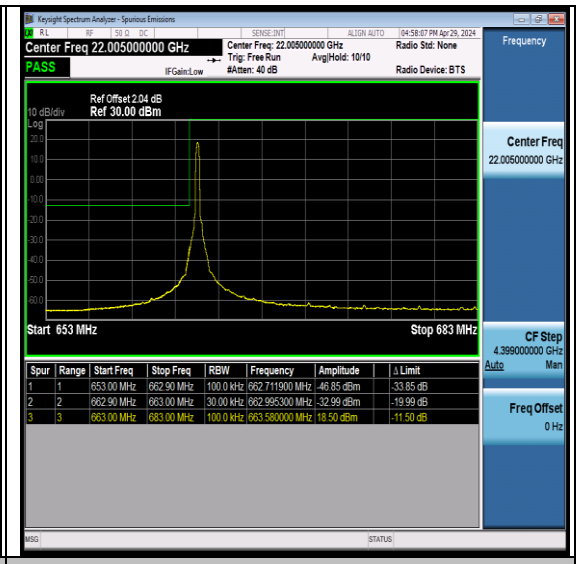
NTNV-N71-PC3-15-10-H-DFT-QPSK-Outer_Full-Ant0-PASS



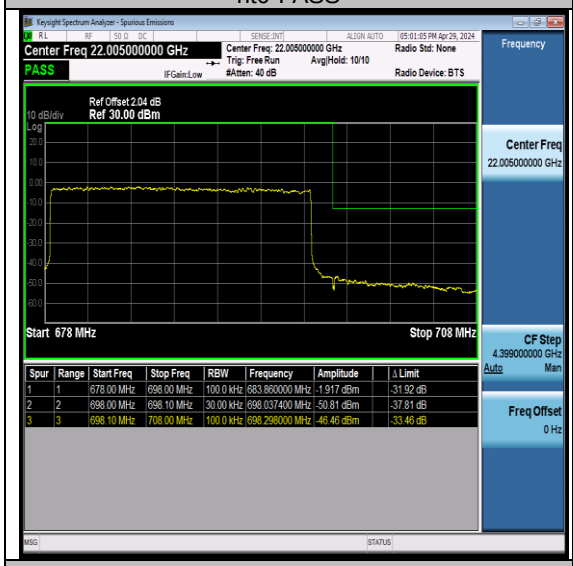
NTNV-N71-PC3-15-10-H-DFT-QPSK-Edge_1RB_Right-Ant0-PASS



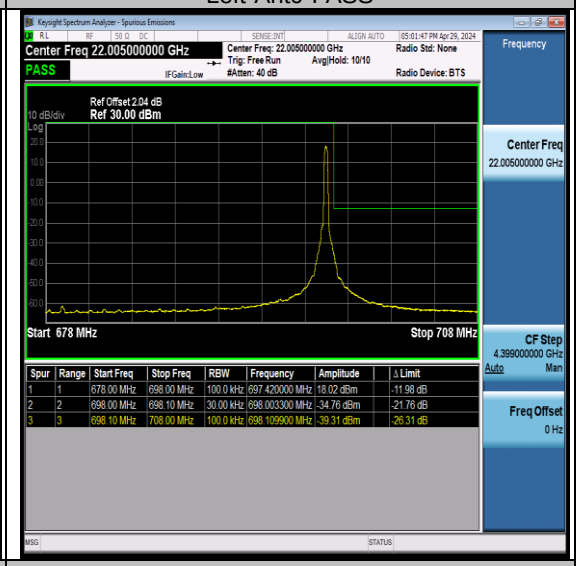
NTNV-N71-PC3-15-20-L-DFT-QPSK-Outer_Full-Ant0-PASS



NTNV-N71-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



NTNV-N71-PC3-15-20-H-DFT-QPSK-Outer_Full-Ant0-PASS



NTNV-N71-PC3-15-20-H-DFT-QPSK-Edge_1RB_Right-Ant0-PASS

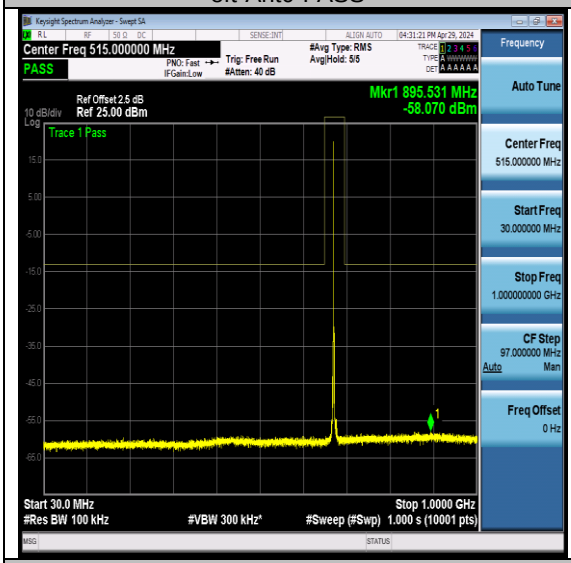
CONDUCTED SPURIOUS EMISSION FOR SA
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N71	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-57.98	-13	PASS
N71	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	7000	-40.22	-13	PASS
N71	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-58.07	-13	PASS
N71	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	7000	-40.14	-13	PASS
N71	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-58.12	-13	PASS
N71	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	7000	-40.28	-13	PASS
N71	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-58.11	-13	PASS
N71	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	7000	-40.23	-13	PASS
N71	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-58.05	-13	PASS
N71	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	7000	-40.21	-13	PASS
N71	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.99	-13	PASS
N71	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	7000	-40.25	-13	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-58.10	-13	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	7000	-40.25	-13	PASS
N71	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-58.02	-13	PASS
N71	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	7000	-40.20	-13	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.74	-13	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	7000	-40.18	-13	PASS

TEST GRAPHS

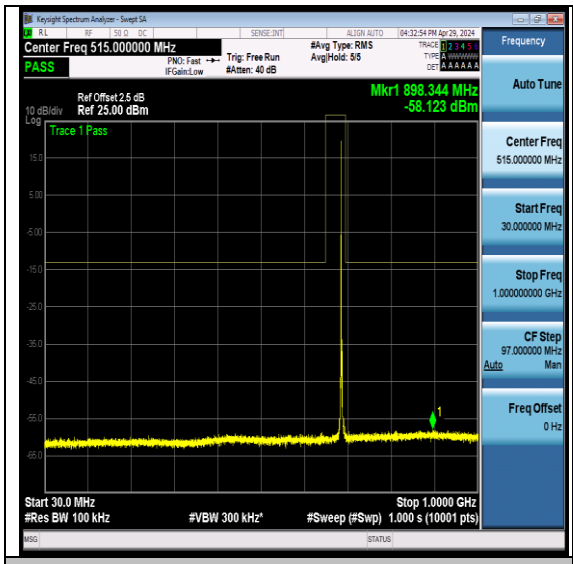
NTNV-N71-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N71-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



NTNV-N71-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N71-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



NTNV-N71-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N71-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N71-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N71-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N71-PC3-15-10-M-DFT-QPSK-Edge_1RB_ Left-Ant0-PASS

NTNV-N71-PC3-15-10-M-DFT-QPSK-Edge_1RB_ Left-Ant0-PASS

NTNV-N71-PC3-15-10-H-DFT-QPSK-Edge_1RB_ Left-Ant0-PASS

NTNV-N71-PC3-15-10-H-DFT-QPSK-Edge_1RB_ Left-Ant0-PASS

NTNV-N71-PC3-15-20-L-DFT-QPSK-Edge_1RB_ Left-Ant0-PASS

NTNV-N71-PC3-15-20-L-DFT-QPSK-Edge_1RB_ Left-Ant0-PASS

NTNV-N71-PC3-15-20-M-DFT-QPSK-Edge_1RB_ Left-Ant0-PASS

NTNV-N71-PC3-15-20-M-DFT-QPSK-Edge_1RB_ Left-Ant0-PASS

NTNV-N71-PC3-15-20-H-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N71-PC3-15-20-H-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

FREQUENCY STABILITY FOR SA

TEST RESULT

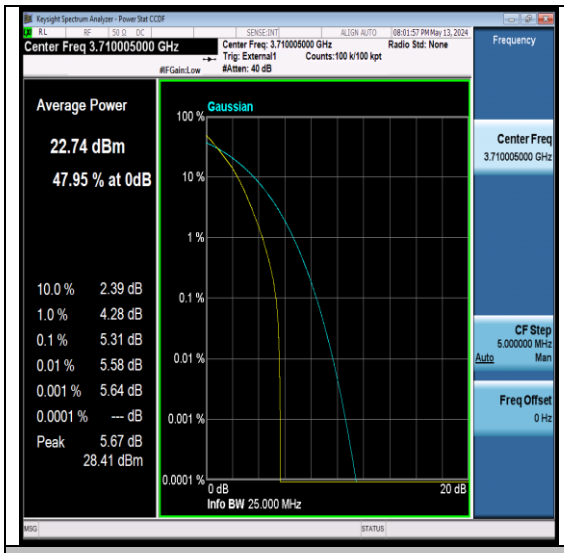
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-QPSK	L	Outer_Full	VL	NT	10.000000	0.014859	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VN	NT	15.000000	0.022288	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VH	NT	10.000000	0.014859	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-30	8.000000	0.011887	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-20	6.000000	0.008915	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-10	2.000000	0.002972	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	0	16.000000	0.023774	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	10	4.000000	0.005944	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	20	19.000000	0.028232	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	30	2.000000	0.002972	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	40	7.000000	0.010401	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	50	18.000000	0.026746	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VL	NT	9.000000	0.013226	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VN	NT	14.000000	0.020573	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VH	NT	1.000000	0.001470	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-30	11.000000	0.016164	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-20	9.000000	0.013226	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-10	2.000000	0.002939	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	0	19.000000	0.027921	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	10	14.000000	0.020573	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	20	13.000000	0.019104	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	30	8.000000	0.011756	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	40	19.000000	0.027921	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	50	17.000000	0.024982	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VL	NT	18.000000	0.026163	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VN	NT	4.000000	0.005814	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VH	NT	12.000000	0.017442	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-30	7.000000	0.010174	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-20	2.000000	0.002907	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-10	16.000000	0.023256	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	0	3.000000	0.004360	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	10	3.000000	0.004360	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	20	14.000000	0.020349	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	30	12.000000	0.017442	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	40	10.000000	0.014535	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	50	18.000000	0.026163	PASS

N77-3700-3980

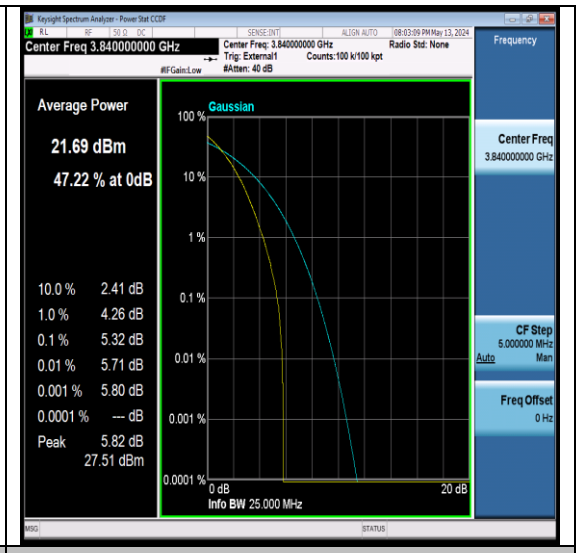
PEAK-TO-AVERAGE RATIO(CCDF)
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	5.31	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	5.32	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	4.97	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Edge_1RB_Left	5.39	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Edge_1RB_Left	5.34	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Edge_1RB_Left	5.12	≤13	PASS

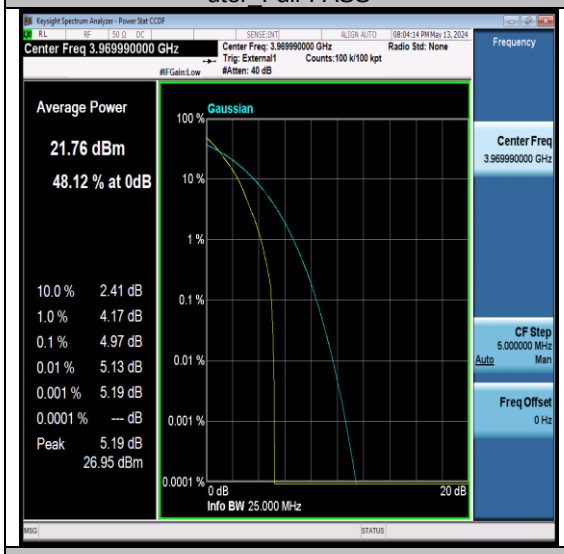
TEST GRAPHS



NTNV-N77-3700-3980-PC2-30-20-L-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3700-3980-PC2-30-20-M-DFT-QPSK-Outer_Full-PASS



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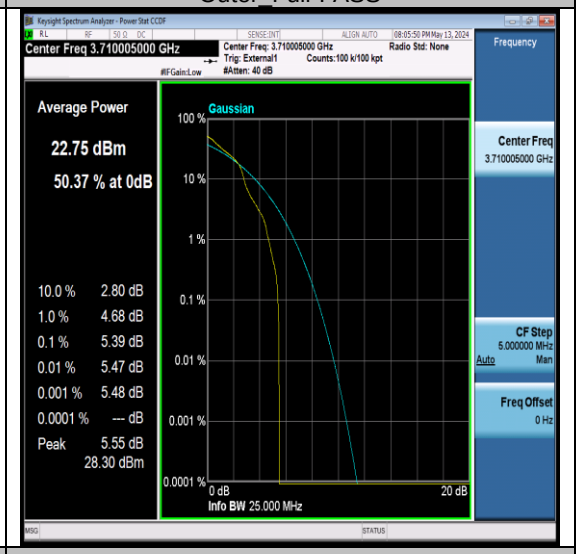
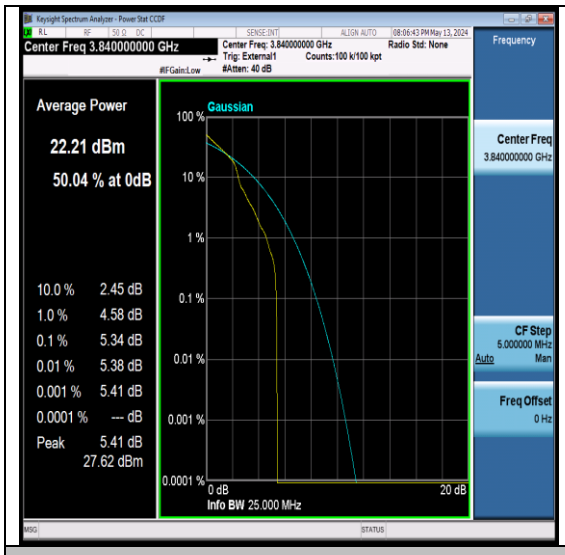


NTNV-N77-3700-3980-PC2-30-20-L-DFT-QPSK-Edge_1RB_Left-PASS



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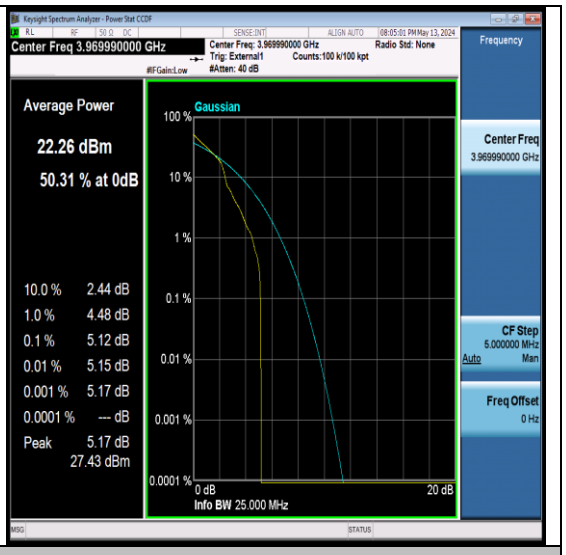


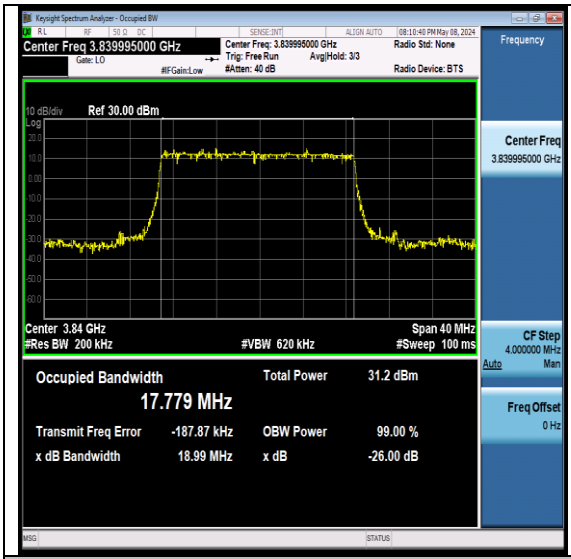
NTNV-N77-3700-3980-PC2-30-20-H-DFT-QPSK-Edge_1RB_Left-PASS

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA
TEST RESULT

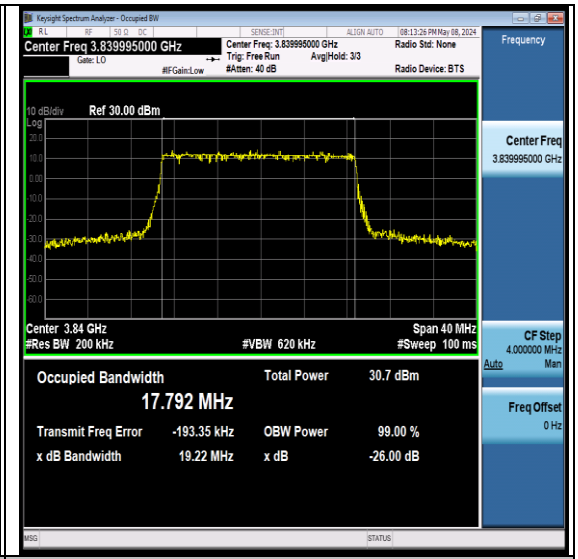
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3700 -3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.779	18.99	PASS
N77-3700 -3980	30	20	DFT-QPSK	M	Outer_Full	17.792	19.22	PASS
N77-3700 -3980	30	20	DFT-16QAM	M	Outer_Full	17.858	19.20	PASS
N77-3700 -3980	30	20	DFT-64QAM	M	Outer_Full	17.800	19.46	PASS
N77-3700 -3980	30	20	DFT-256QAM	M	Outer_Full	17.812	19.23	PASS
N77-3700 -3980	30	30	DFT-PI2BPSK	M	Outer_Full	26.774	28.27	PASS
N77-3700 -3980	30	30	DFT-QPSK	M	Outer_Full	26.766	28.81	PASS
N77-3700 -3980	30	30	DFT-16QAM	M	Outer_Full	26.777	28.54	PASS
N77-3700 -3980	30	30	DFT-64QAM	M	Outer_Full	26.762	28.50	PASS
N77-3700 -3980	30	30	DFT-256QAM	M	Outer_Full	26.764	28.40	PASS
N77-3700 -3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.660	37.52	PASS
N77-3700 -3980	30	40	DFT-QPSK	M	Outer_Full	35.720	37.31	PASS
N77-3700 -3980	30	40	DFT-16QAM	M	Outer_Full	35.753	37.47	PASS
N77-3700 -3980	30	40	DFT-64QAM	M	Outer_Full	35.748	37.70	PASS
N77-3700 -3980	30	40	DFT-256QAM	M	Outer_Full	35.739	37.65	PASS
N77-3700 -3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.801	60.23	PASS
N77-3700 -3980	30	60	DFT-QPSK	M	Outer_Full	57.861	60.14	PASS
N77-3700 -3980	30	60	DFT-16QAM	M	Outer_Full	57.714	59.94	PASS
N77-3700 -3980	30	60	DFT-64QAM	M	Outer_Full	57.775	60.39	PASS
N77-3700 -3980	30	60	DFT-256QAM	M	Outer_Full	57.738	60.07	PASS
N77-3700 -3980	30	80	DFT-PI2BPSK	M	Outer_Full	77.002	79.66	PASS
N77-3700 -3980	30	80	DFT-QPSK	M	Outer_Full	77.071	79.93	PASS
N77-3700	30	80	DFT-16QAM	M	Outer_Full	76.841	79.81	PASS

-3980								
N77-3700 -3980	30	80	DFT-64QAM	M	Outer_Full	77.154	79.66	PASS
N77-3700 -3980	30	80	DFT-256QAM	M	Outer_Full	77.003	80.07	PASS
N77-3700 -3980	30	100	DFT-PI2BPSK	M	Outer_Full	96.259	99.50	PASS
N77-3700 -3980	30	100	DFT-QPSK	M	Outer_Full	96.289	99.82	PASS
N77-3700 -3980	30	100	DFT-16QAM	M	Outer_Full	96.365	99.88	PASS
N77-3700 -3980	30	100	DFT-64QAM	M	Outer_Full	96.255	99.78	PASS
N77-3700 -3980	30	100	DFT-256QAM	M	Outer_Full	96.173	99.66	PASS

TEST GRAPHS



NTNV-N77-3700-3980-PC2-30-20-M-DFT-PI2BPSK-Outer_Full-Ant6-PASS



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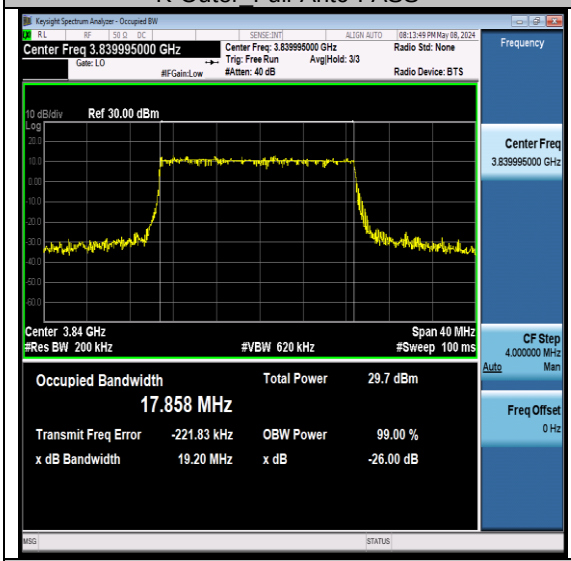

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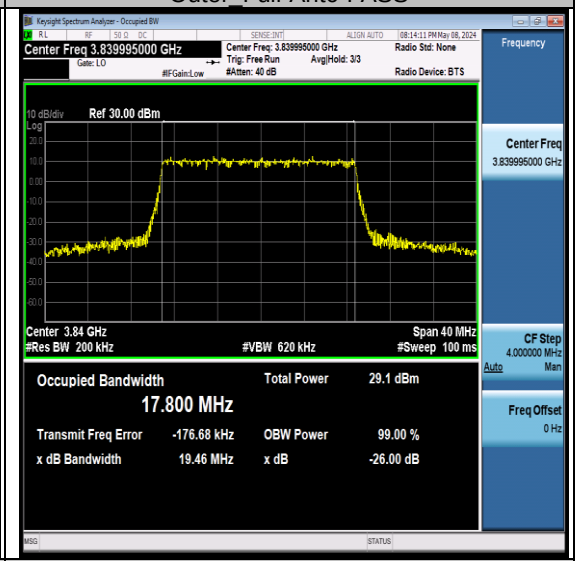

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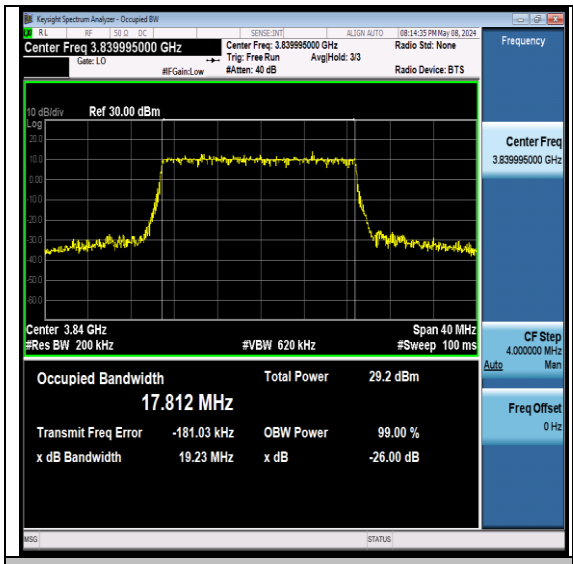

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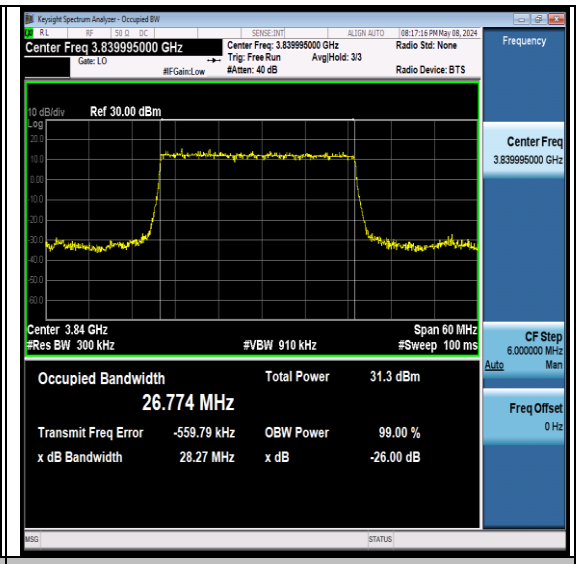

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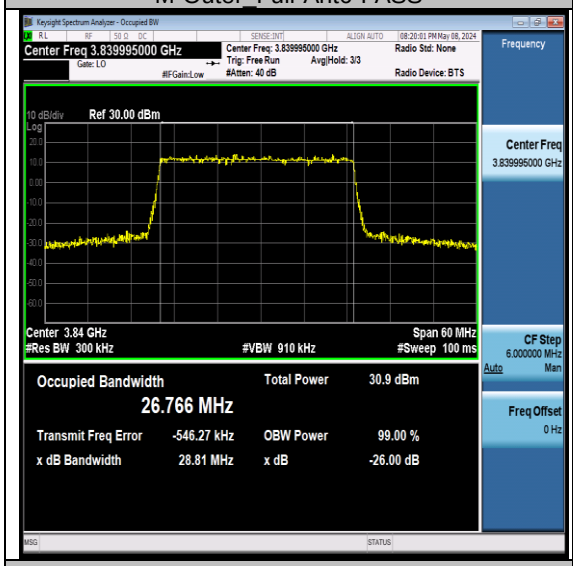

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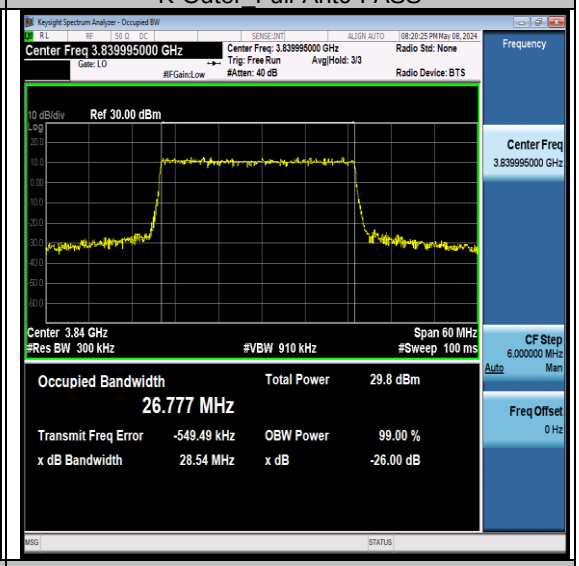

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