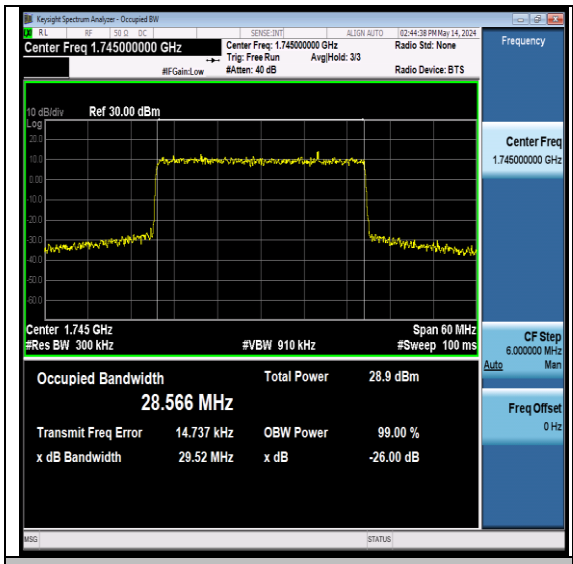
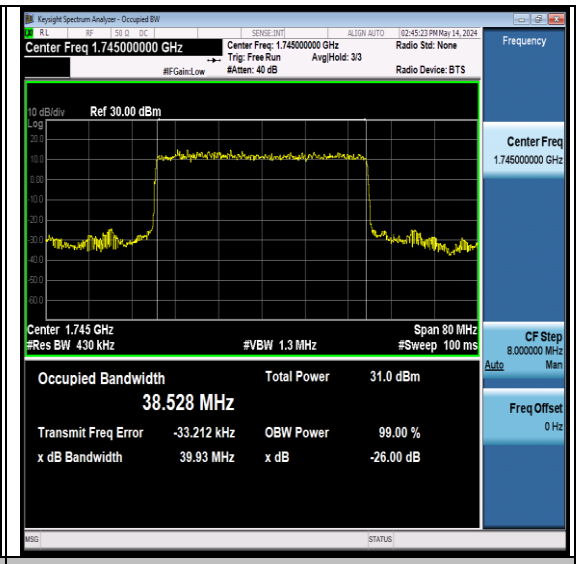
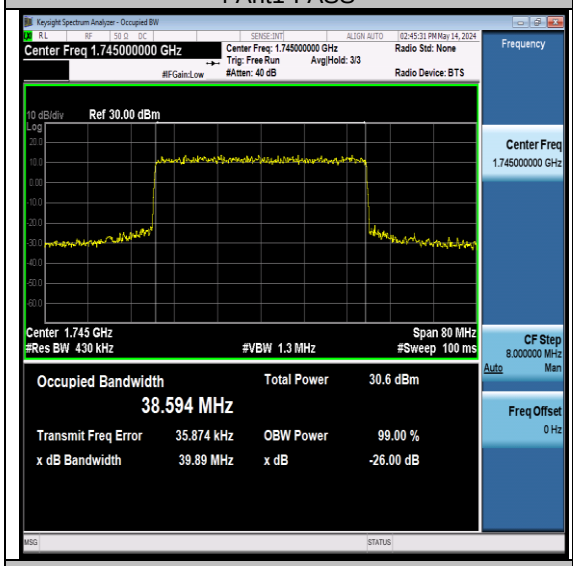


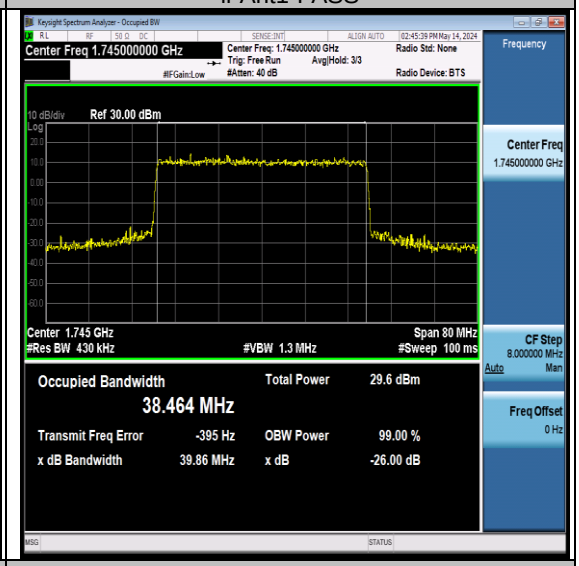
NTNV-N66-PC3-15-30-M-DFT-256QAM-Outer_Full-Ant1-PASS



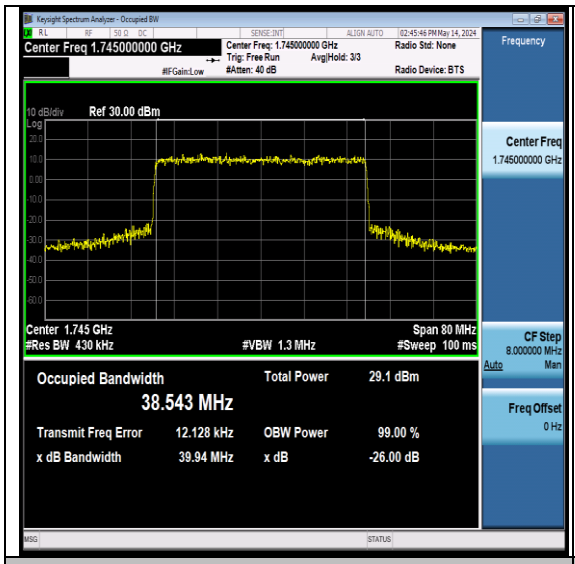
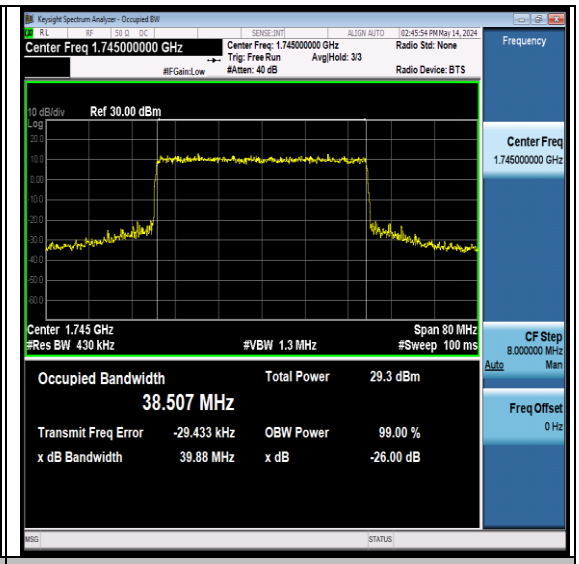
NTNV-N66-PC3-15-40-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS



NTNV-N66-PC3-15-40-M-DFT-QPSK-Outer_Full-Ant1-PASS



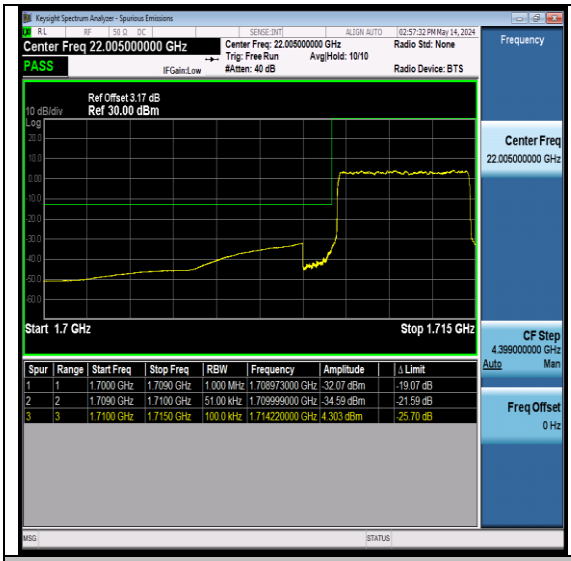
NTNV-N66-PC3-15-40-M-DFT-16QAM-Outer_Full-Ant1-PASS

	
NTNV-N66-PC3-15-40-M-DFT-64QAM-Outer_Full-Ant1-PASS	NTNV-N66-PC3-15-40-M-DFT-256QAM-Outer_Full-Ant1-PASS

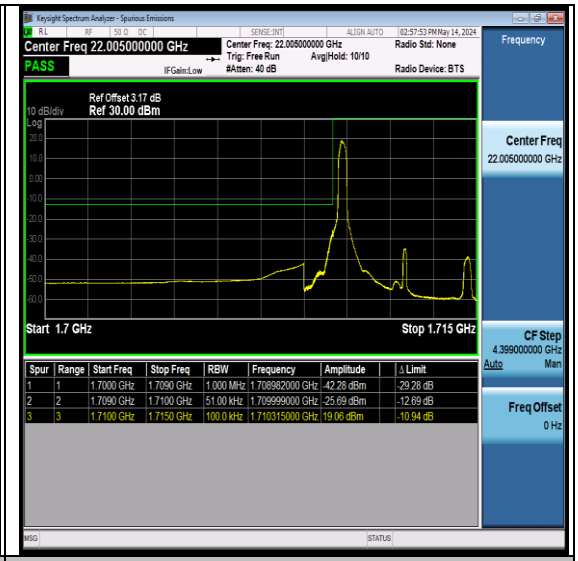
BAND EDGE FOR SA
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N66	15	5	DFT-QPSK	L	Outer_Full	-32.07	PASS
N66	15	5	DFT-QPSK	L	Edge_1RB_Left	-25.69	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	-30.52	PASS
N66	15	5	DFT-QPSK	H	Edge_1RB_Right	-28.84	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	-34.50	PASS
N66	15	15	DFT-QPSK	L	Edge_1RB_Left	-35.62	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	-34.07	PASS
N66	15	15	DFT-QPSK	H	Edge_1RB_Right	-36.80	PASS
N66	15	40	DFT-QPSK	L	Outer_Full	-36.11	PASS
N66	15	40	DFT-QPSK	L	Edge_1RB_Left	-38.73	PASS
N66	15	40	DFT-QPSK	H	Outer_Full	-34.48	PASS
N66	15	40	DFT-QPSK	H	Edge_1RB_Right	-38.02	PASS

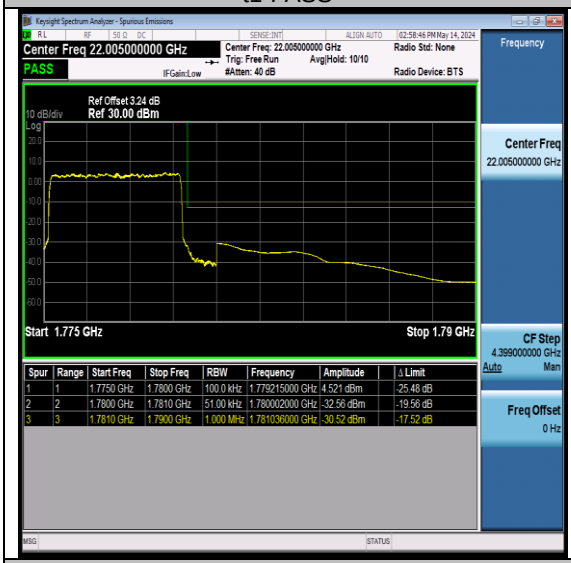
TEST GRAPHS



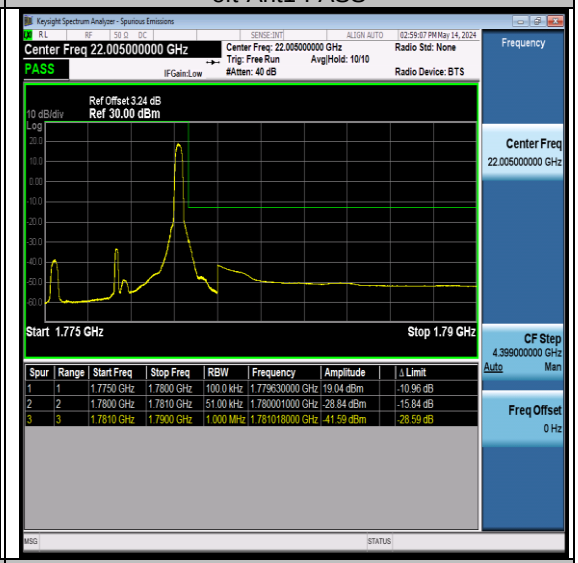
NTNV-N66-PC3-15-5-L-DFT-QPSK-Outer_Full-Ant1-PASS



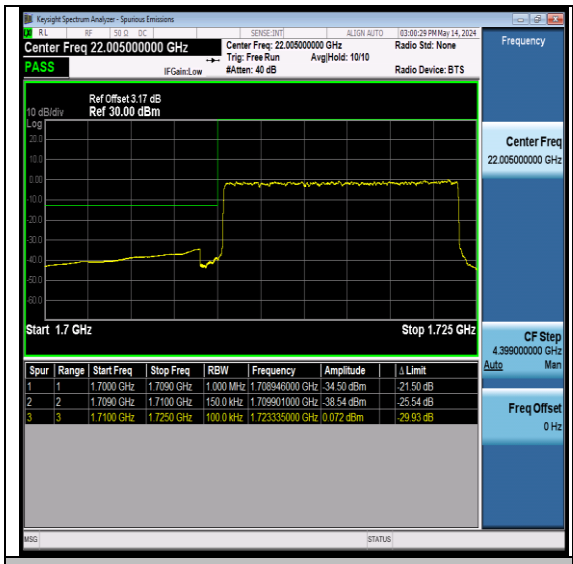
NTNV-N66-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



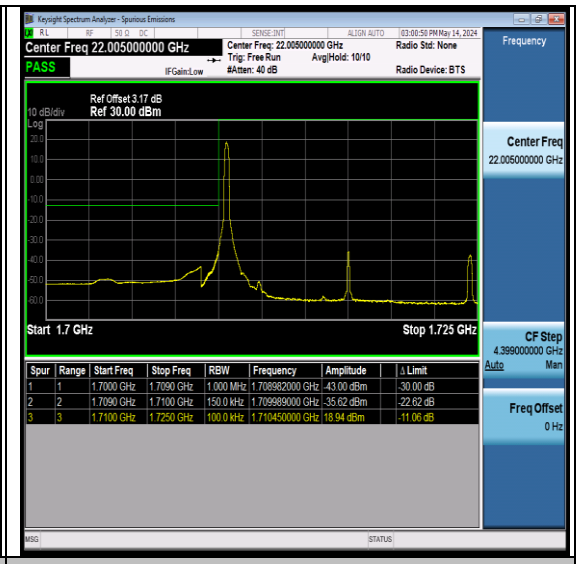
NTNV-N66-PC3-15-5-H-DFT-QPSK-Outer_Full-Ant1-PASS



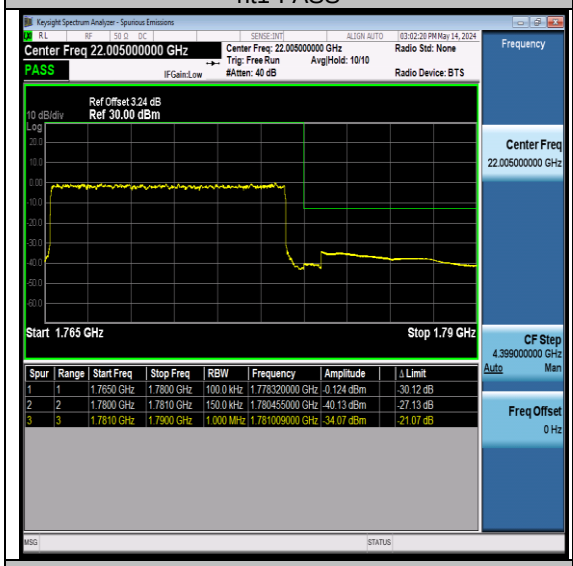
NTNV-N66-PC3-15-5-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



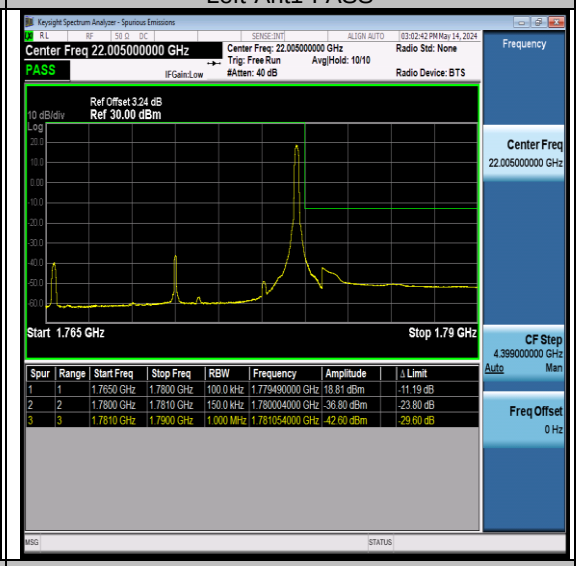
NTNV-N66-PC3-15-15-L-DFT-QPSK-Outer_Full-Ant1-PASS



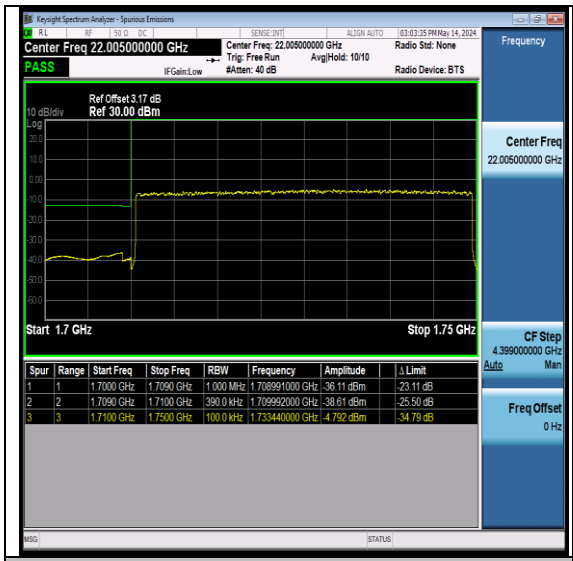
NTNV-N66-PC3-15-15-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



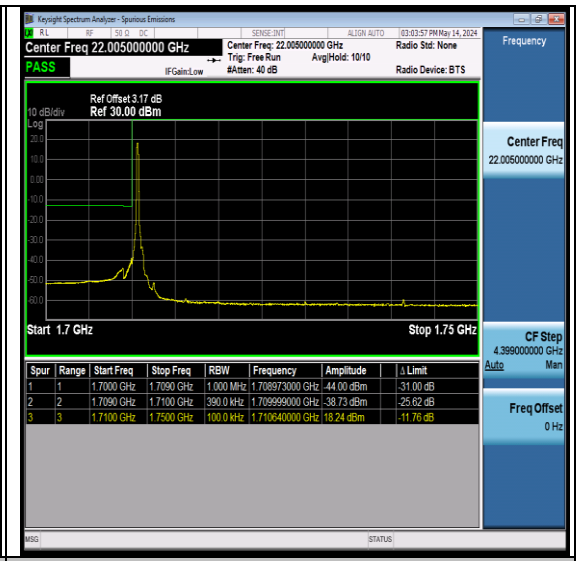
NTNV-N66-PC3-15-15-H-DFT-QPSK-Outer_Full-Ant1-PASS



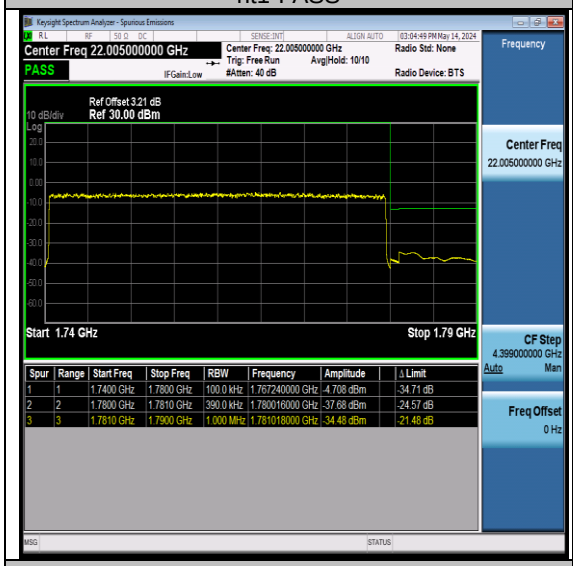
NTNV-N66-PC3-15-15-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



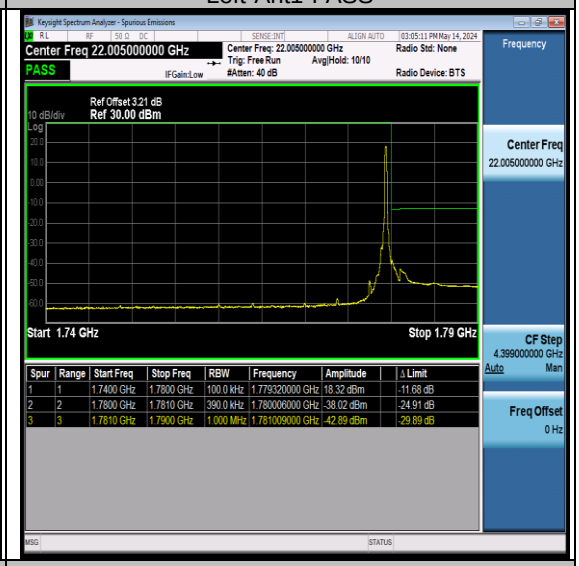
NTNV-N66-PC3-15-40-L-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N66-PC3-15-40-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N66-PC3-15-40-H-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N66-PC3-15-40-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	-48.69	-13	PASS
N66	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-39.19	-13	PASS
N66	15	5	DFT-QPSK	L	Edge_1RB_Left	10000	18000	-59.05	-13	PASS
N66	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.65	-13	PASS
N66	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-39.26	-13	PASS
N66	15	5	DFT-QPSK	M	Edge_1RB_Left	10000	18000	-59.03	-13	PASS
N66	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.81	-13	PASS
N66	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-39.17	-13	PASS
N66	15	5	DFT-QPSK	H	Edge_1RB_Left	10000	18000	-59.04	-13	PASS
N66	15	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.73	-13	PASS
N66	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-39.07	-13	PASS
N66	15	20	DFT-QPSK	L	Edge_1RB_Left	10000	18000	-59.01	-13	PASS
N66	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.75	-13	PASS
N66	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-39.11	-13	PASS
N66	15	20	DFT-QPSK	M	Edge_1RB_Left	10000	18000	-59.06	-13	PASS
N66	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.75	-13	PASS
N66	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-39.08	-13	PASS
N66	15	20	DFT-QPSK	H	Edge_1RB_Left	10000	18000	-59.00	-13	PASS
N66	15	40	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.65	-13	PASS
N66	15	40	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-39.18	-13	PASS
N66	15	40	DFT-QPSK	L	Edge_1RB_Left	10000	18000	-59.09	-13	PASS
N66	15	40	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.68	-13	PASS
N66	15	40	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-39.16	-13	PASS
N66	15	40	DFT-QPSK	M	Edge_1RB_Left	10000	18000	-59.10	-13	PASS
N66	15	40	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.60	-13	PASS
N66	15	40	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-39.16	-13	PASS
N66	15	40	DFT-QPSK	H	Edge_1RB_Left	10000	18000	-58.90	-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-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-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-PC3-15-5-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-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-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

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

NTNV-N66-PC3-15-40-L-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N66-PC3-15-40-L-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N66-PC3-15-40-L-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N66-PC3-15-40-M-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N66-PC3-15-40-M-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N66-PC3-15-40-M-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N66-PC3-15-40-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS	NTNV-N66-PC3-15-40-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS
	/
NTNV-N66-PC3-15-40-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS	/

FREQUENCY STABILITY FOR SA
TEST RESULT

Frequency Error VS. Voltage

Voltage													
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limited (MHz)	Verdict
N66	15	20	DFT-QPSK	L	Outer_Full	VL	NT	13.00	0.007558	1715.5873	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	VN	NT	5.00	0.002907	1715.3473	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	VH	NT	15.00	0.008721	1715.5650	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	-30	3.00	0.001744	1715.4790	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	-20	14.00	0.008140	1715.5576	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	-10	11.00	0.006395	1715.4041	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	0	2.00	0.001163	1715.4809	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	10	13.00	0.007558	1715.5089	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	20	13.00	0.007558	1715.4853	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	30	5.00	0.002907	1715.3121	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	40	15.00	0.008721	1715.5119	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	50	7.00	0.004070	1715.4971	---	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	VL	NT	14.00	0.007910	---	1774.6996	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	VN	NT	1.00	0.000565	---	1774.7051	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	VH	NT	18.00	0.010169	---	1774.7511	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	-30	19.00	0.010734	---	1774.6490	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	-20	17.00	0.009605	---	1774.7424	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	-10	5.00	0.002825	---	1774.7048	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	0	15.00	0.008475	---	1774.6969	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Fu	NV	10	4.00	0.002260	---	1774.70	1710-	PASS

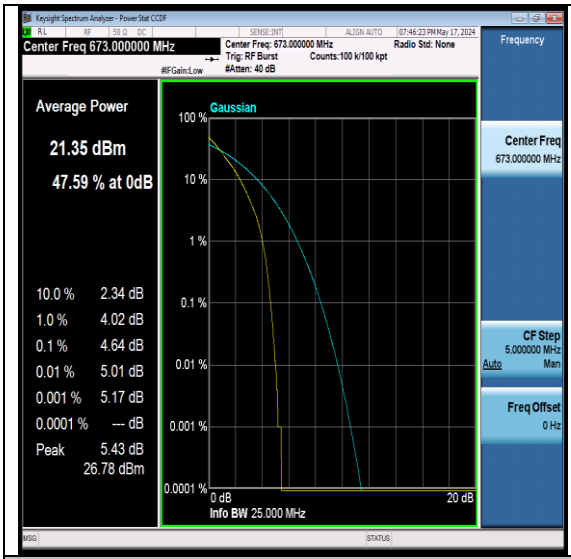
					ll						64	1780	
N66	15	20	DFT-QPSK	H	Outer_Full	NV	20	14.00	0.007910	---	1774.7319	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	30	15.00	0.008475	---	1774.6921	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	40	7.00	0.003955	---	1774.6705	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	50	17.00	0.009605	---	1774.7196	1710-1780	PASS

N71
PEAK-TO-AVERAGE RATIO(CCDF)

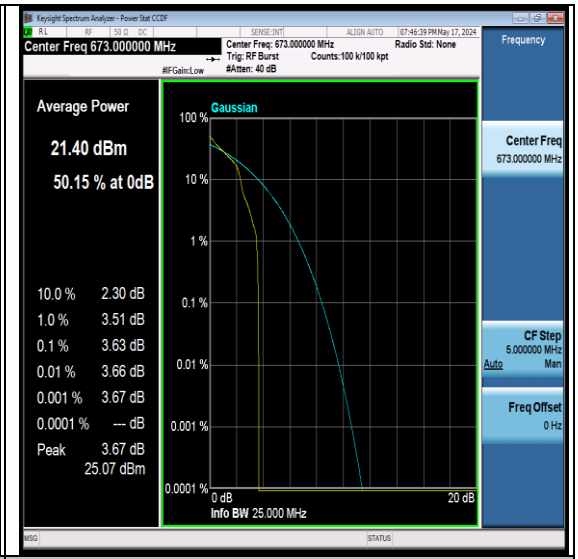
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N71	15	20	DFT-QPSK	L	Outer_Full	4.64	≤13	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	3.63	≤13	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	4.41	≤13	PASS
N71	15	20	DFT-QPSK	M	Edge_1RB_Left	3.54	≤13	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	4.55	≤13	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Left	3.83	≤13	PASS

TEST GRAPHS

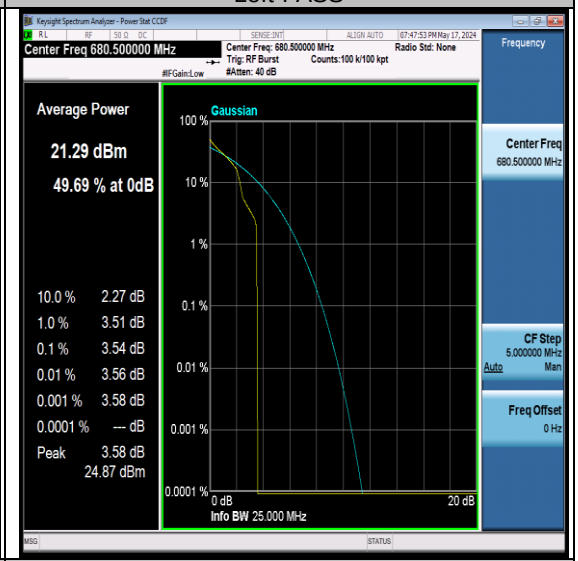


NTNV-N71-PC3-15-20-L-DFT-QPSK-Outer_Full-PASS

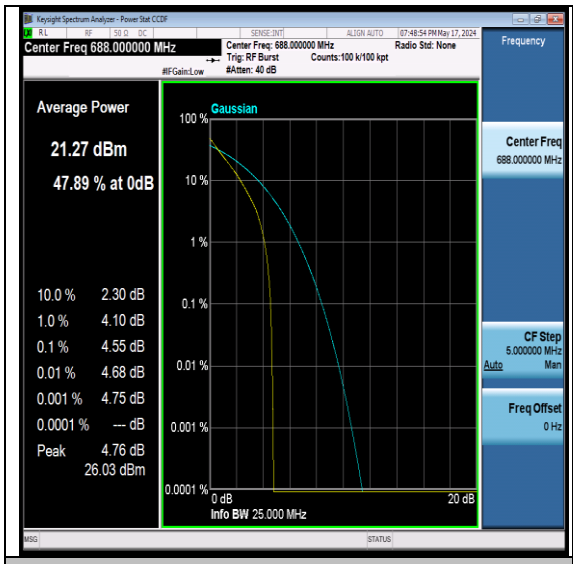


NTNV-N71-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-PASS

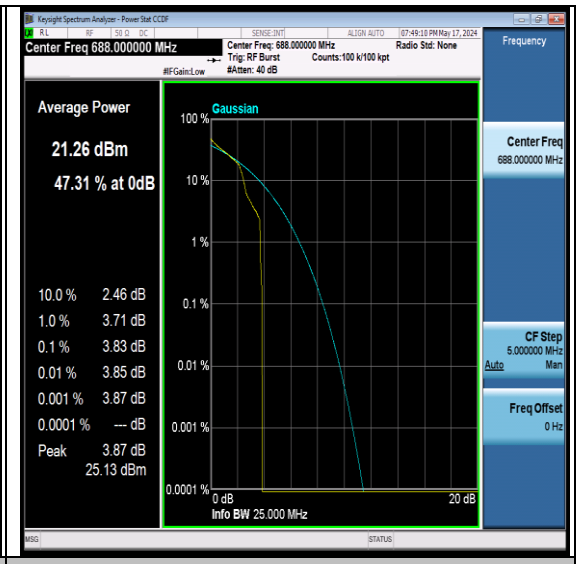
NTNV-N71-PC3-15-20-M-DFT-QPSK-Outer_Full-PASS



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



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



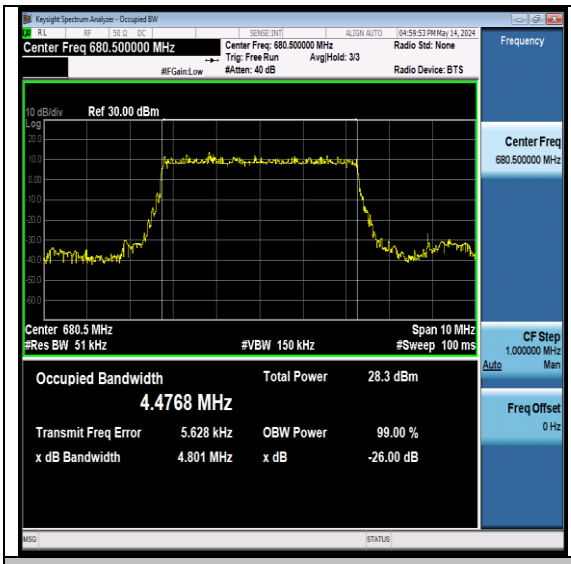
NTNV-N71-PC3-15-20-H-DFT-QPSK-Edge_1RB_Left-PASS

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

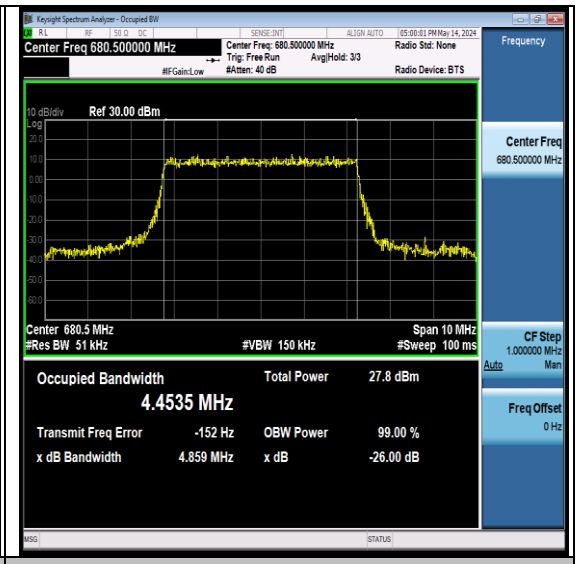
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N71	15	5	DFT-PI2BPSK	M	Outer_Full	4.4768	4.801	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	4.4535	4.859	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	4.4649	4.863	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	4.4707	4.832	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	4.4706	4.832	PASS
N71	15	10	DFT-PI2BPSK	M	Outer_Full	8.9055	9.394	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	8.9000	9.415	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	8.9244	9.362	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	8.8992	9.497	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	8.8978	9.329	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	13.381	14.09	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	13.371	13.98	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	13.393	14.04	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	13.353	14.06	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	13.370	14.06	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	17.850	18.53	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	17.820	18.61	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	17.872	18.66	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	17.846	18.58	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	17.822	18.65	PASS

TEST GRAPHS



NTNV-N71-PC3-15-5-M-DFT-PI2BPSK-Outer_Full-Ant2-PASS



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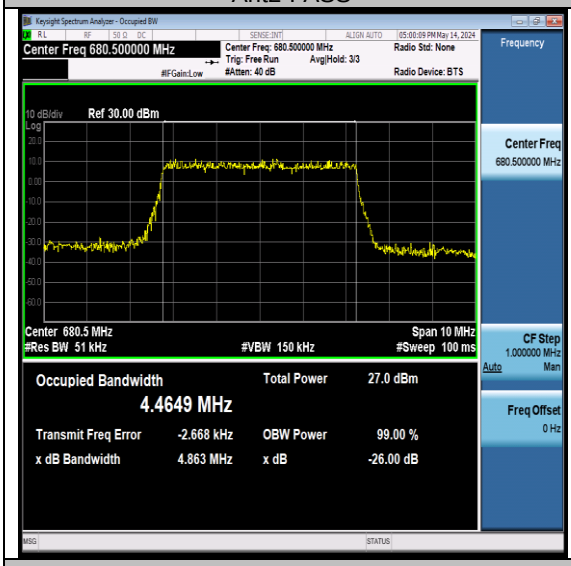

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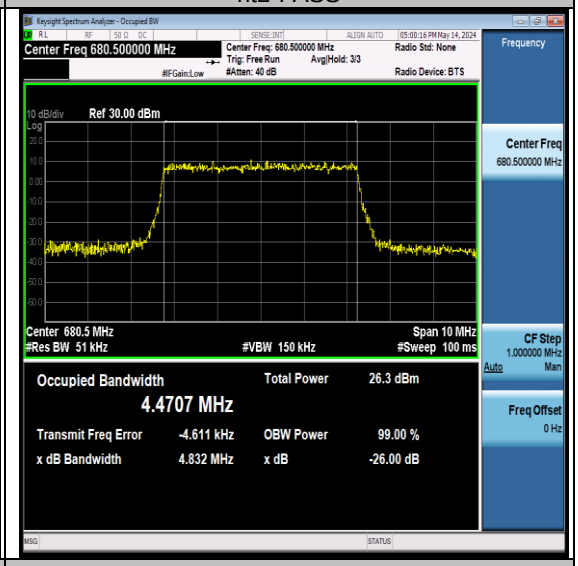

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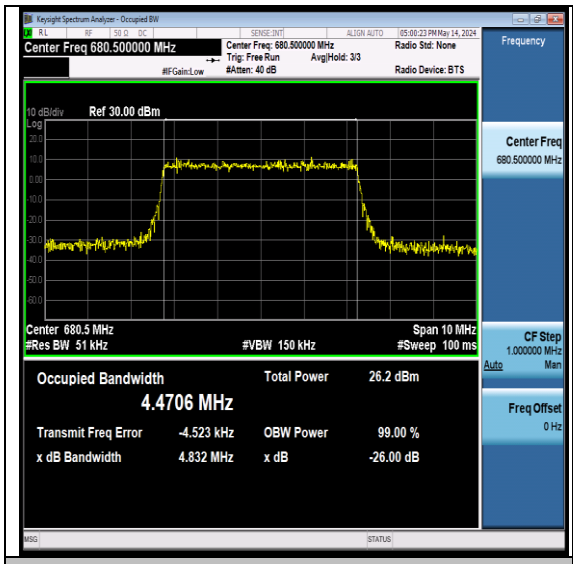

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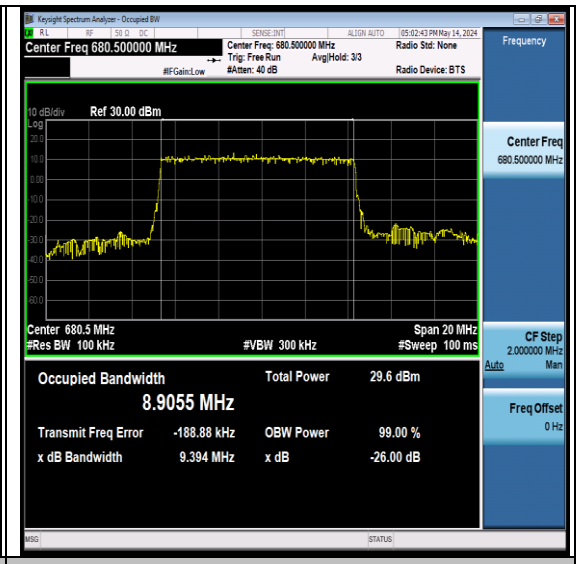

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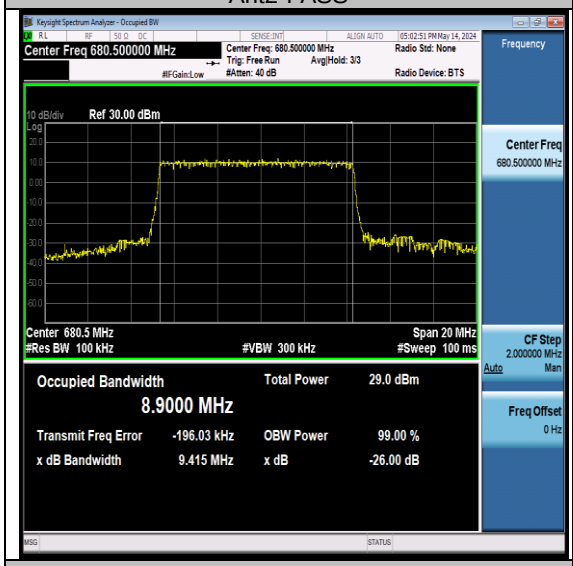

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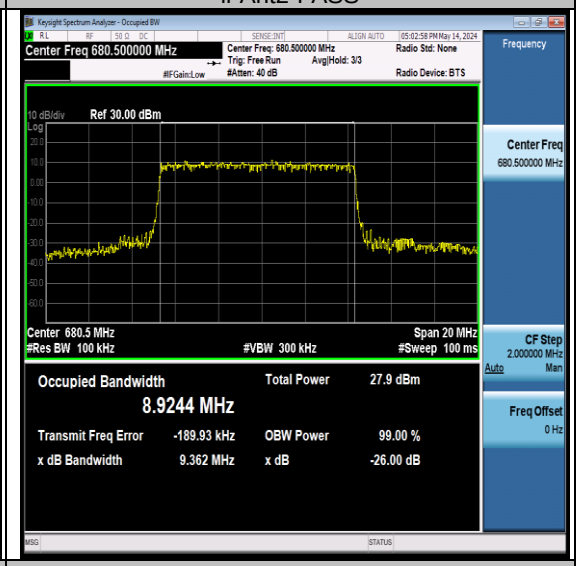

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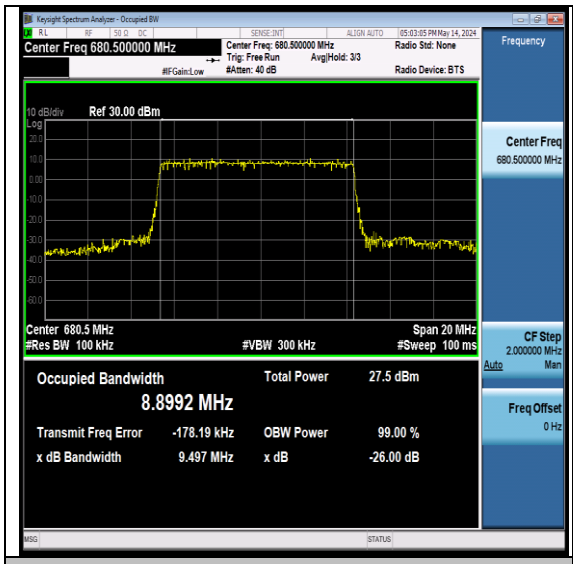

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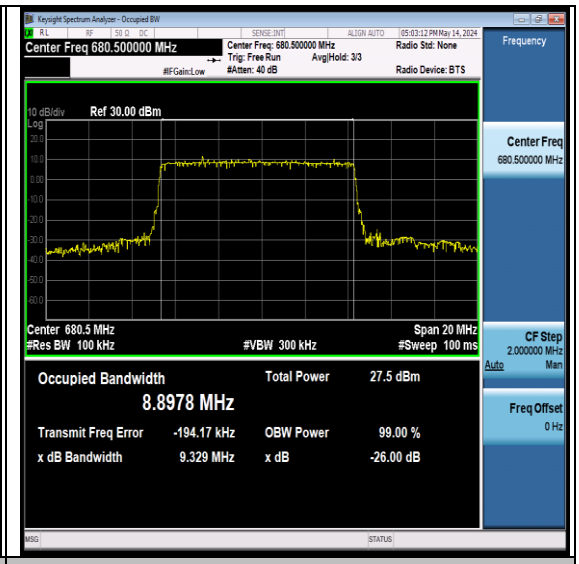

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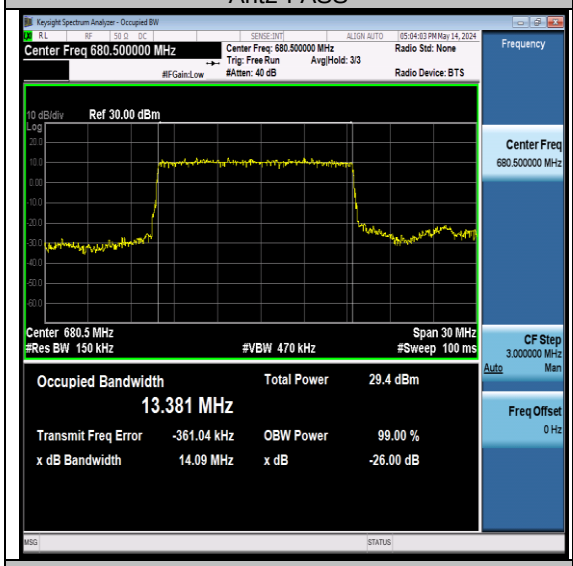

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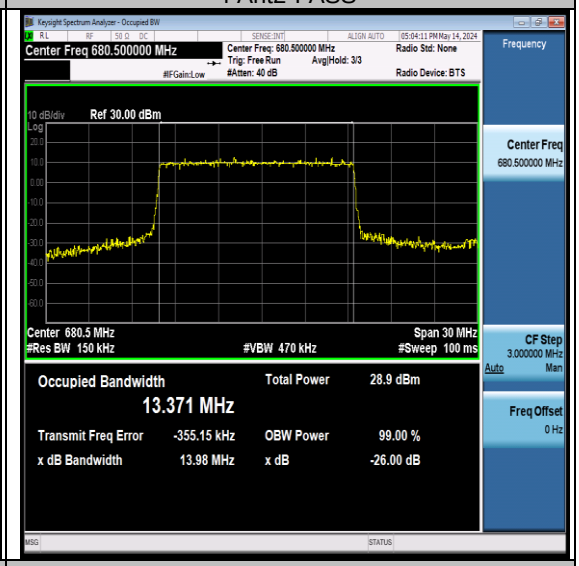

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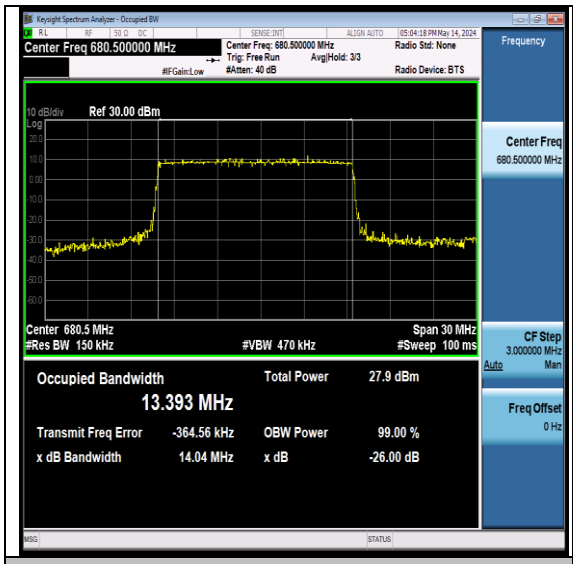

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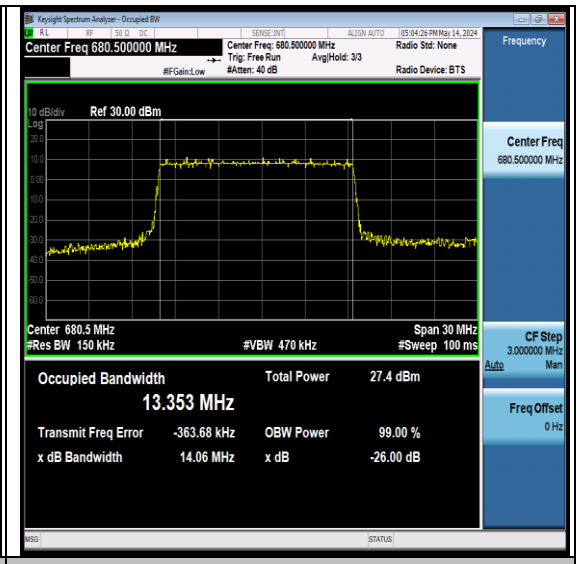

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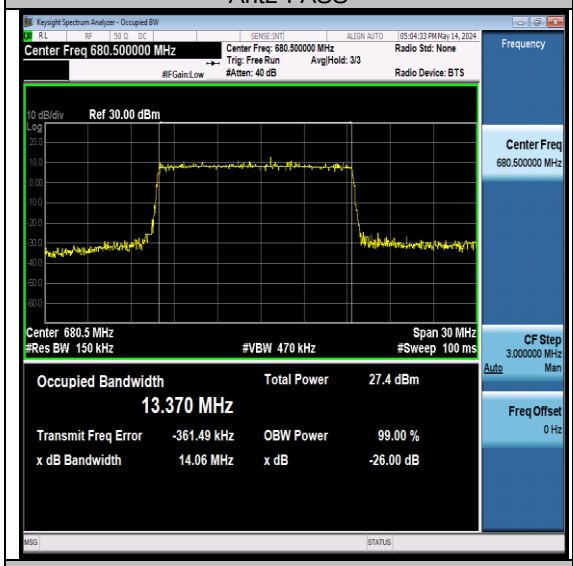

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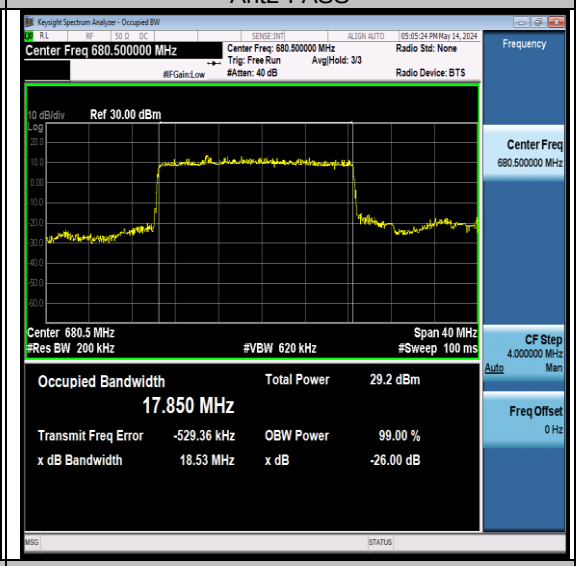

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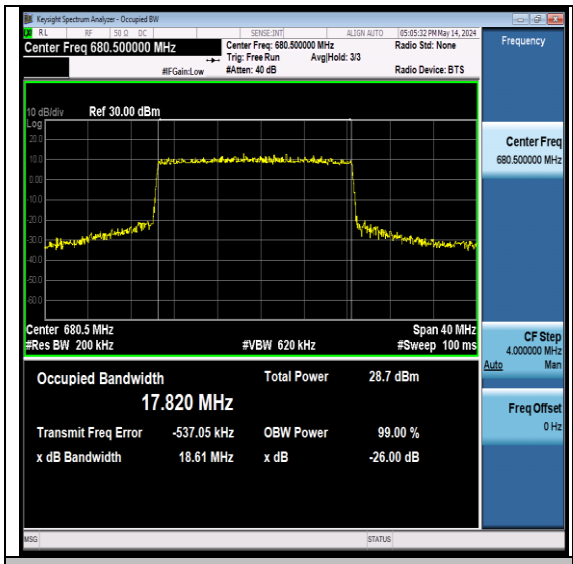

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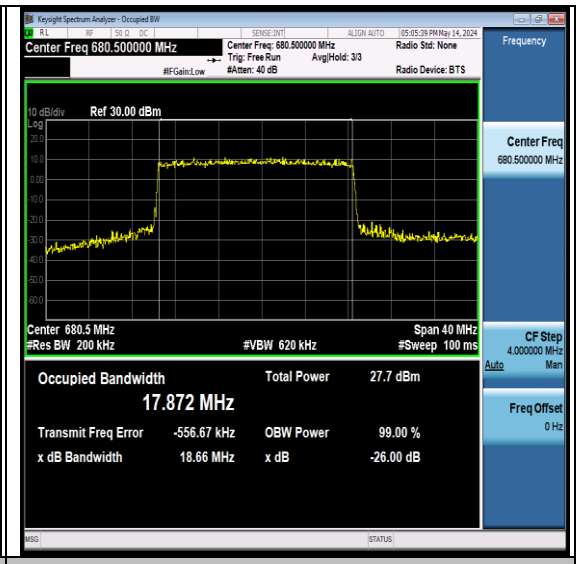

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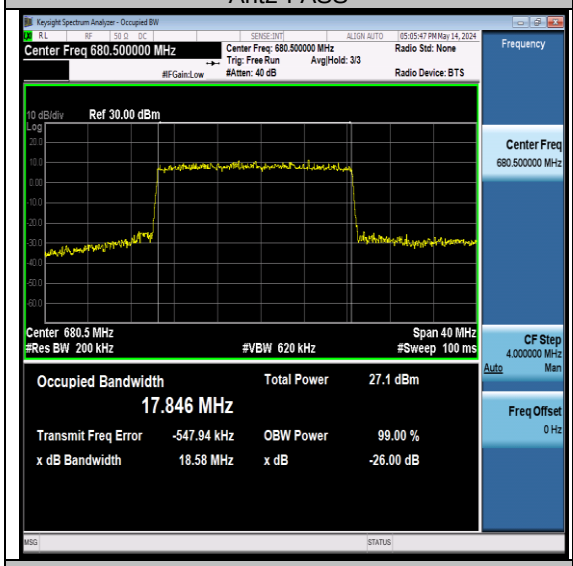

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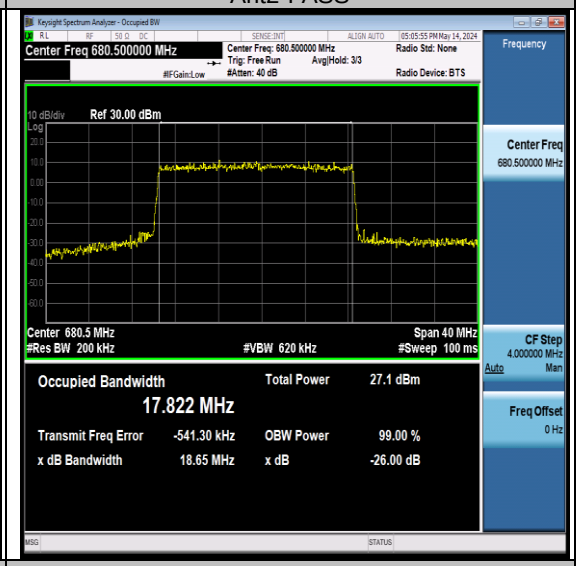


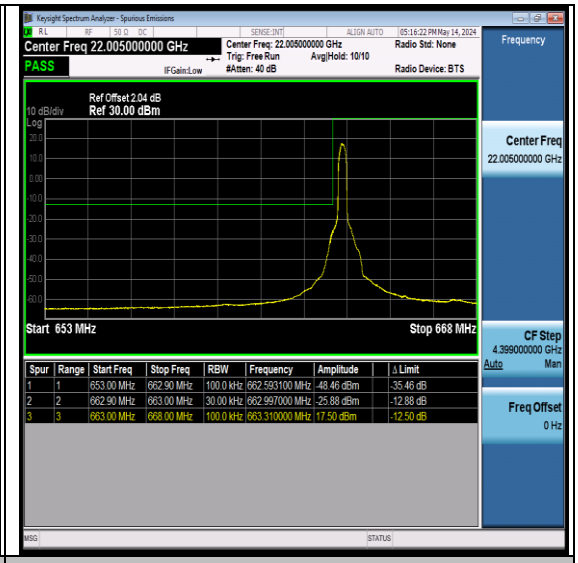
NTNV-N71-PC3-15-20-M-DFT-256QAM-Outer_Full-Ant2-PASS

BAND EDGE FOR SA
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N71	15	5	DFT-QPSK	L	Outer_Full	-36.49	PASS
N71	15	5	DFT-QPSK	L	Edge_1RB_Left	-25.88	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	-34.49	PASS
N71	15	5	DFT-QPSK	H	Edge_1RB_Right	-27.92	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	-39.57	PASS
N71	15	10	DFT-QPSK	L	Edge_1RB_Left	-27.82	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	-38.80	PASS
N71	15	10	DFT-QPSK	H	Edge_1RB_Right	-30.21	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	-40.75	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	-34.94	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	-39.99	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Right	-36.19	PASS

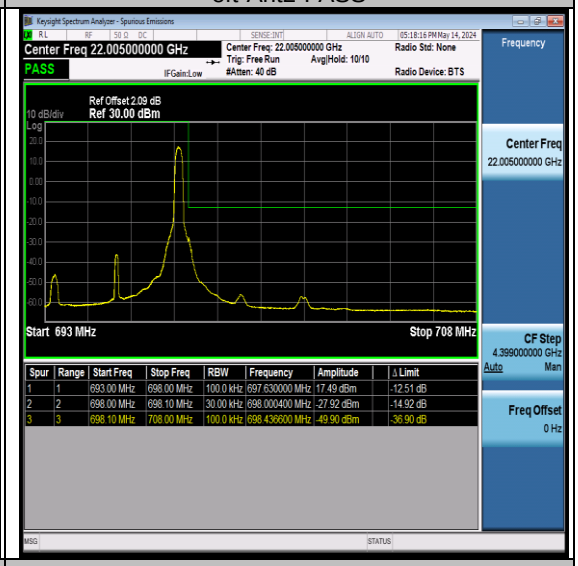
TEST GRAPHS

NTNV-N71-PC3-15-5-L-DFT-QPSK-Outer_Full-Ant2-PASS



NTNV-N71-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant2-PASS

NTNV-N71-PC3-15-5-H-DFT-QPSK-Outer_Full-Ant2-PASS



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