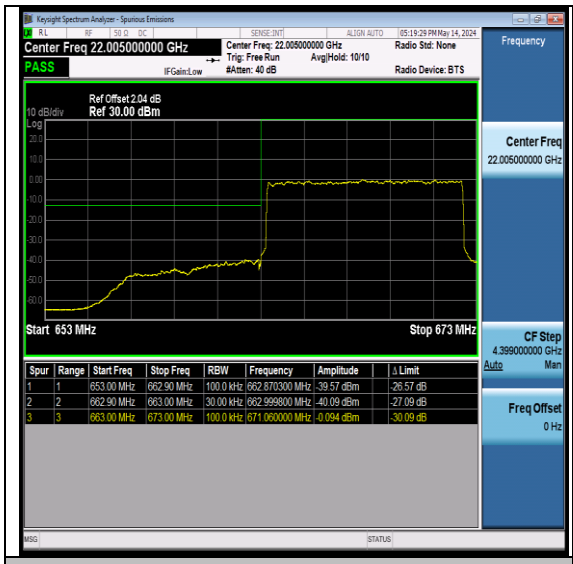
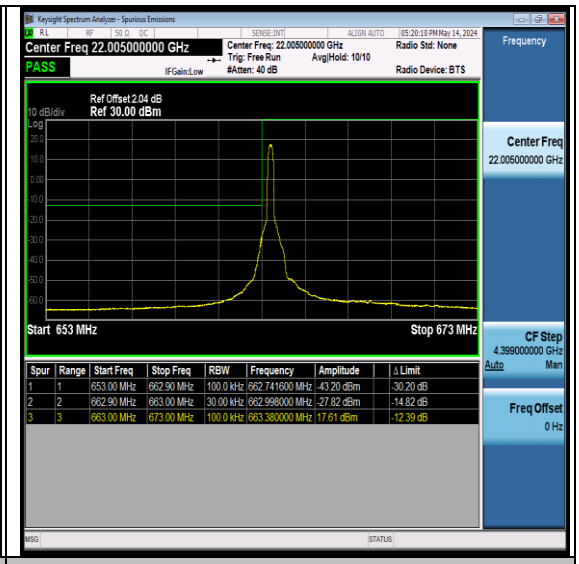
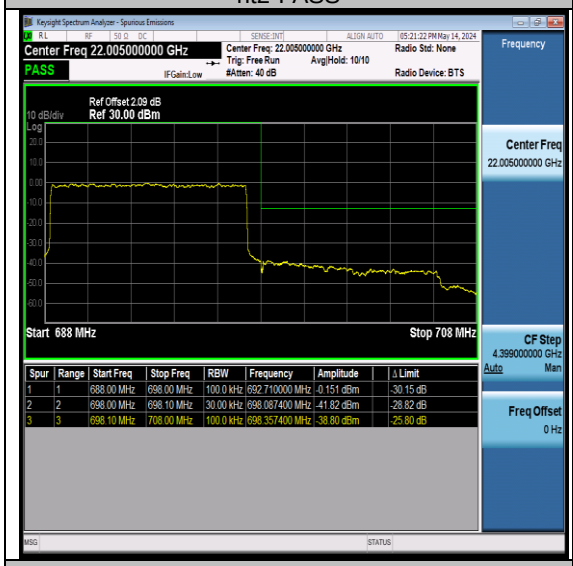


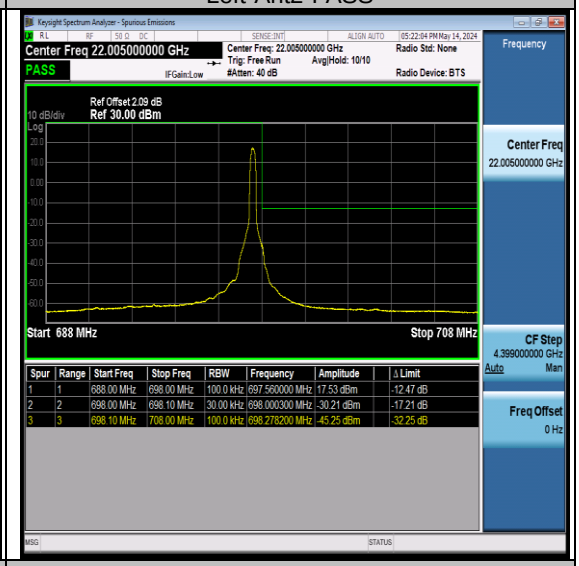
NTNV-N71-PC3-15-10-L-DFT-QPSK-Outer_Full-Ant2-PASS



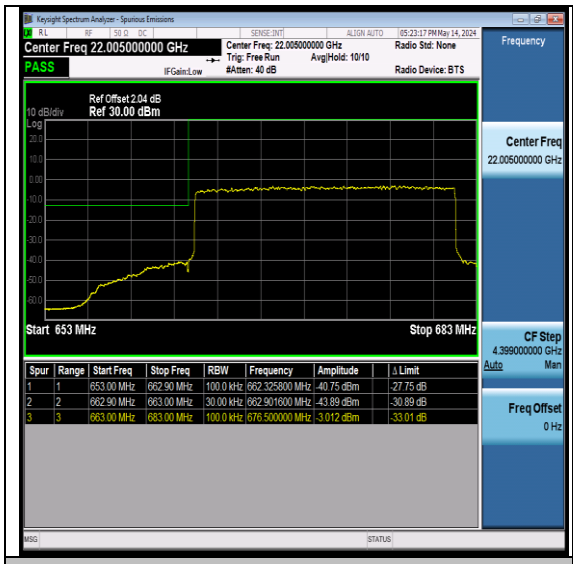
NTNV-N71-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant2-PASS



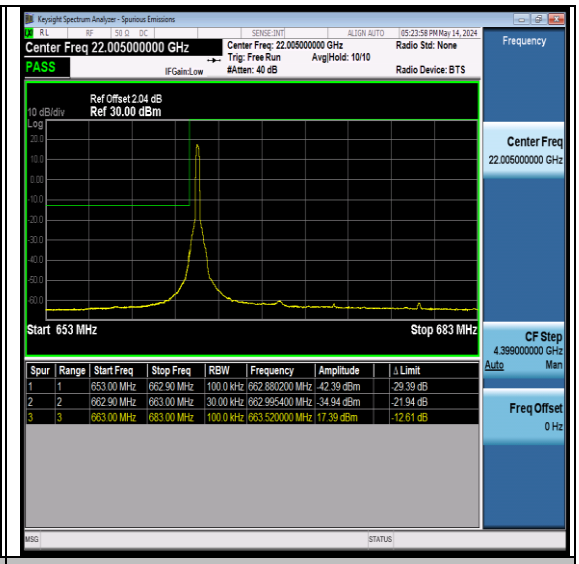
NTNV-N71-PC3-15-10-H-DFT-QPSK-Outer_Full-Ant2-PASS



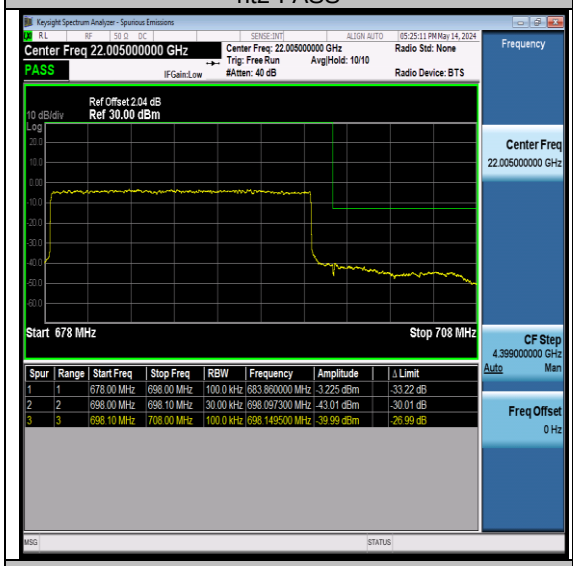
NTNV-N71-PC3-15-10-H-DFT-QPSK-Edge_1RB_Right-Ant2-PASS



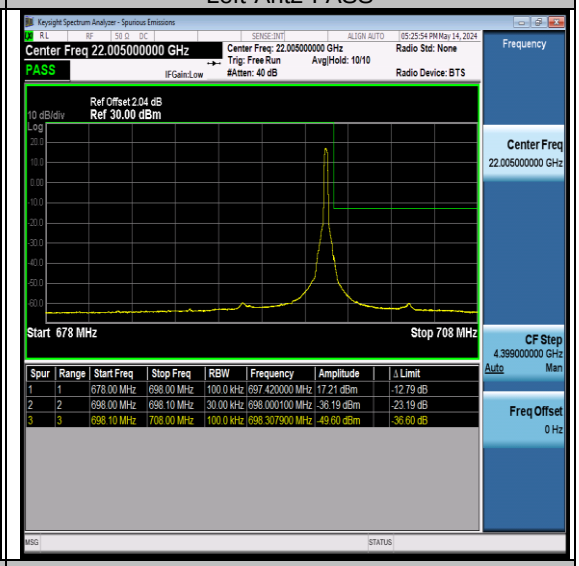
NTNV-N71-PC3-15-20-L-DFT-QPSK-Outer_Full-Ant2-PASS



NTNV-N71-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-Ant2-PASS



NTNV-N71-PC3-15-20-H-DFT-QPSK-Outer_Full-Ant2-PASS

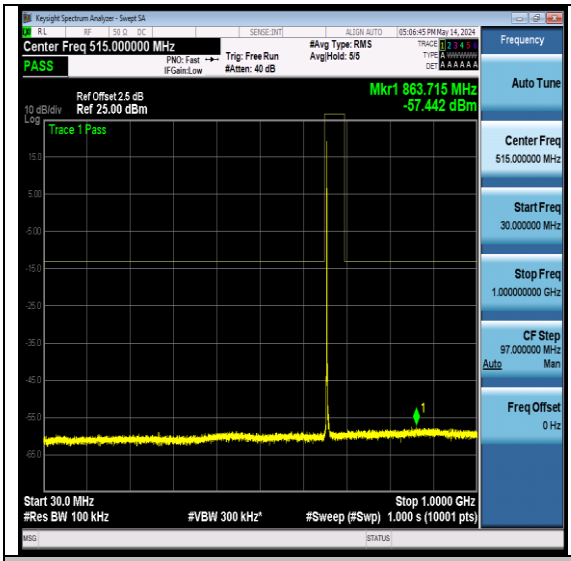


NTNV-N71-PC3-15-20-H-DFT-QPSK-Edge_1RB_Right-Ant2-PASS

CONDUCTED SPURIOUS EMISSION FOR SA
TEST RESULT

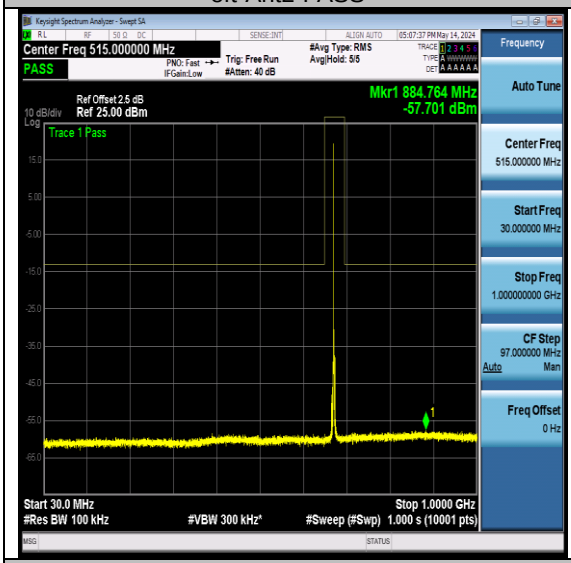
Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N71	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-57.44	-13	PASS
N71	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	7000	-40.05	-13	PASS
N71	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-57.70	-13	PASS
N71	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	7000	-39.98	-13	PASS
N71	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.30	-13	PASS
N71	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	7000	-39.89	-13	PASS
N71	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-57.52	-13	PASS
N71	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	7000	-39.91	-13	PASS
N71	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-57.69	-13	PASS
N71	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	7000	-39.85	-13	PASS
N71	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.56	-13	PASS
N71	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	7000	-39.99	-13	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-57.71	-13	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	7000	-39.82	-13	PASS
N71	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-57.58	-13	PASS
N71	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	7000	-39.95	-13	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.41	-13	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	7000	-39.83	-13	PASS

TEST GRAPHS



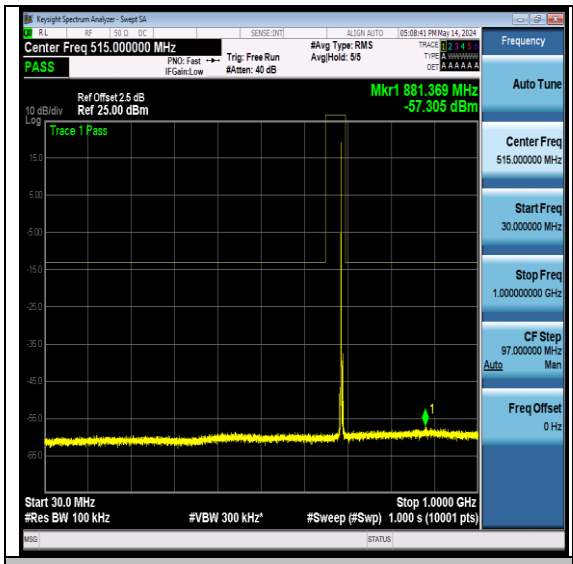
NTNV-N71-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant2-PASS

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



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

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

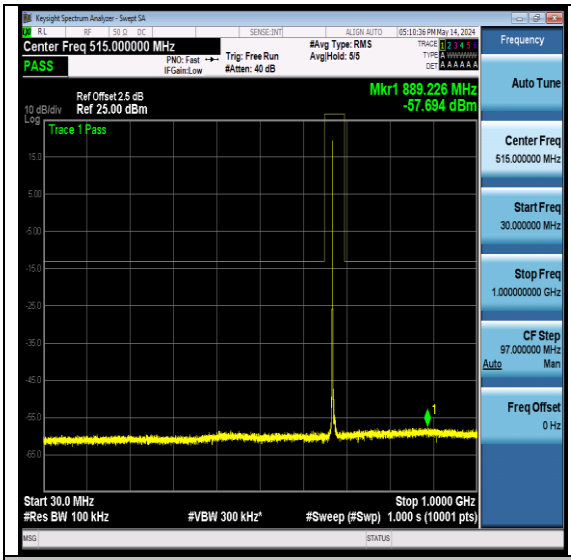


NTNV-N71-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-Ant2-PASS

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

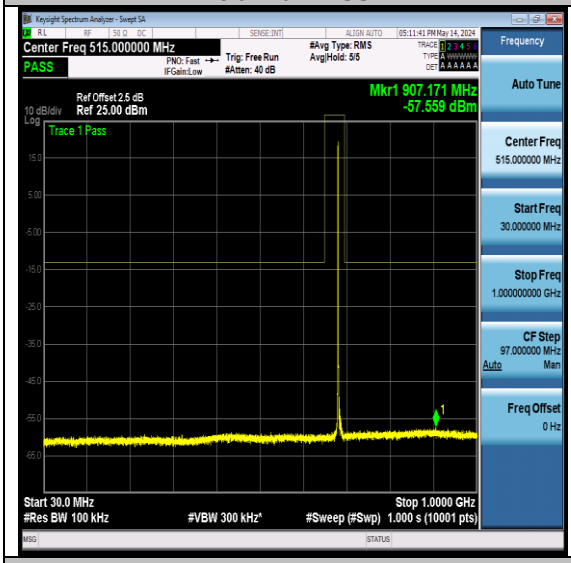
NTNV-N71-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant2-PASS

NTNV-N71-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant2-PASS



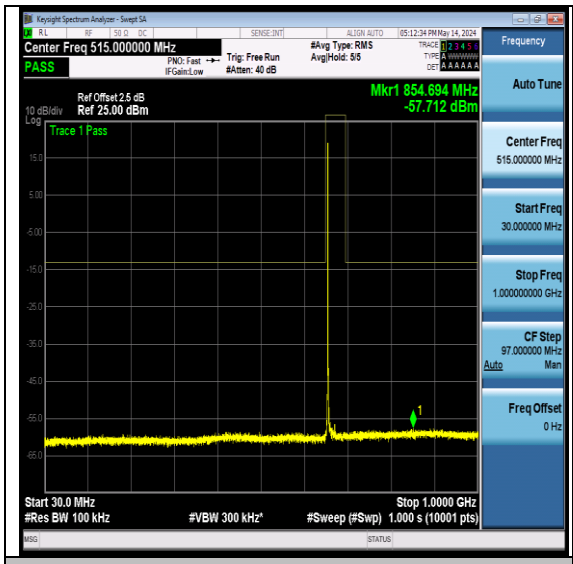
NTNV-N71-PC3-15-10-M-DFT-QPSK-Edge_1RB_ Left-Ant2-PASS

NTNV-N71-PC3-15-10-M-DFT-QPSK-Edge_1RB_ Left-Ant2-PASS



NTNV-N71-PC3-15-10-H-DFT-QPSK-Edge_1RB_ Left-Ant2-PASS

NTNV-N71-PC3-15-10-H-DFT-QPSK-Edge_1RB_ Left-Ant2-PASS

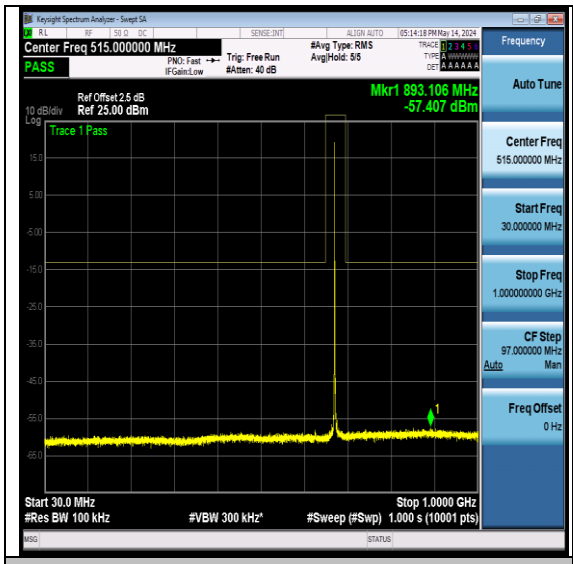


NTNV-N71-PC3-15-20-L-DFT-QPSK-Edge_1RB_ Left-Ant2-PASS

NTNV-N71-PC3-15-20-L-DFT-QPSK-Edge_1RB_ Left-Ant2-PASS

NTNV-N71-PC3-15-20-M-DFT-QPSK-Edge_1RB_ Left-Ant2-PASS

NTNV-N71-PC3-15-20-M-DFT-QPSK-Edge_1RB_ Left-Ant2-PASS



NTNV-N71-PC3-15-20-H-DFT-QPSK-Edge_1RB_Left-Ant2-PASS

NTNV-N71-PC3-15-20-H-DFT-QPSK-Edge_1RB_Left-Ant2-PASS

FREQUENCY STABILITY FOR SA
TEST RESULT

Voltage													
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limited (MHz)	Verdict
N71	15	20	DFT-QPSK	L	Outer_Full	VL	NT	6.00	0.008915	668.5523	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VN	NT	8.00	0.011887	668.2658	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VH	NT	6.00	0.008915	668.4871	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-30	17.00	0.025260	668.3624	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-20	12.00	0.017831	668.4344	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-10	3.00	0.004458	668.3884	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	0	14.00	0.020802	668.3207	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	10	6.00	0.008915	668.4289	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	20	14.00	0.020802	668.5964	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	30	6.00	0.008915	668.1901	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	40	6.00	0.008915	668.1848	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	50	17.00	0.025260	668.4716	---	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VL	NT	10.00	0.014535	---	692.7211	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VN	NT	12.00	0.017442	---	692.6959	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VH	NT	9.00	0.013081	---	692.6317	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-30	1.00	0.001453	---	692.7348	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-20	11.00	0.015987	---	692.6769	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-10	12.00	0.017442	---	692.7528	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	0	3.00	0.004360	---	692.7153	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	10	14.00	0.020349	---	692.6968	663-698	PASS

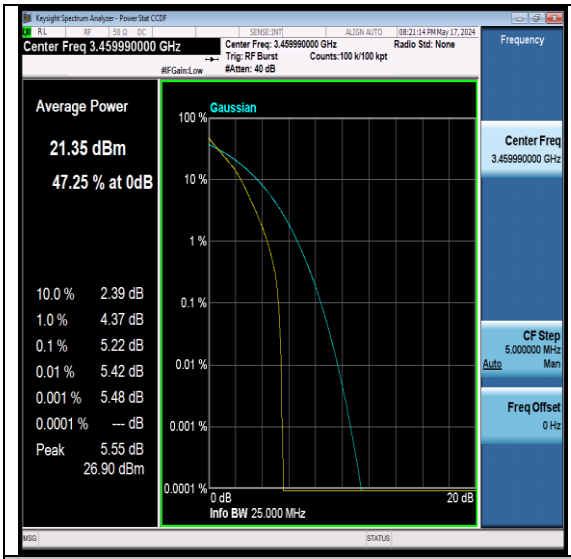
N71	15	20	DFT-QPSK	H	Outer_Full	NV	20	4.00	0.005814	---	692.6654	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	30	14.00	0.020349	---	692.6804	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	40	6.00	0.008721	---	692.7228	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	50	8.00	0.011628	---	692.7201	663-698	PASS

N77-3450-3550
PEAK-TO-AVERAGE RATIO(CCDF)

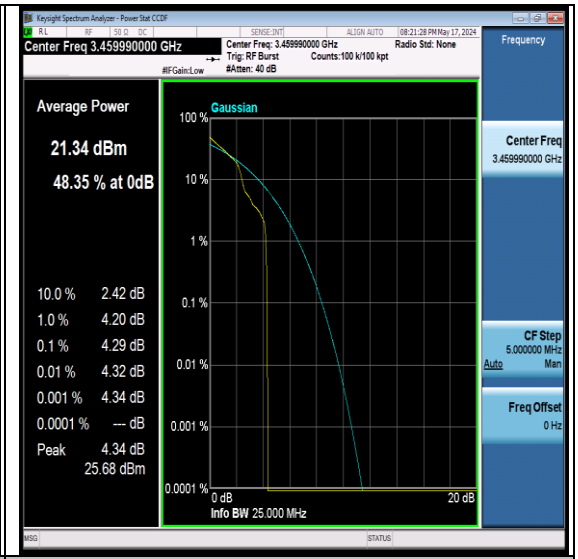
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	5.22	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Edge_1RB_Left	4.29	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	5.42	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Edge_1RB_Left	4.35	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	5.38	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Edge_1RB_Left	4.55	≤13	PASS

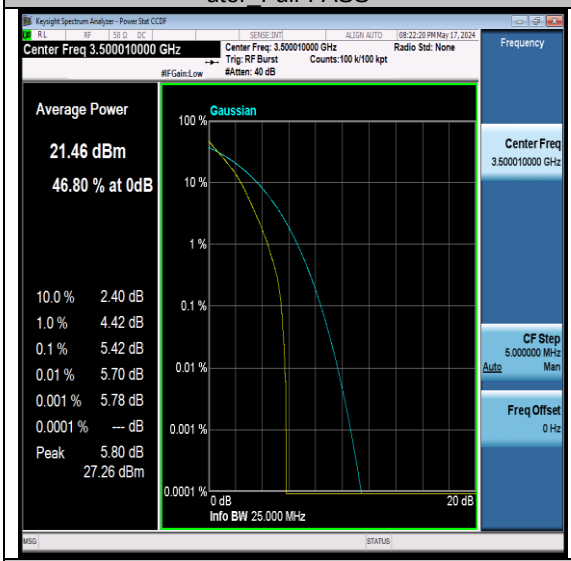
TEST GRAPHS



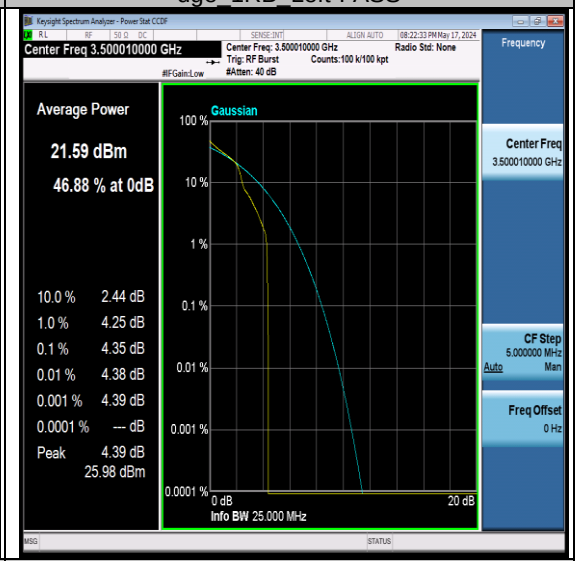
NTNV-N77-3450-3550-PC3-30-20-L-DFT-QPSK-Outer_Full-PASS



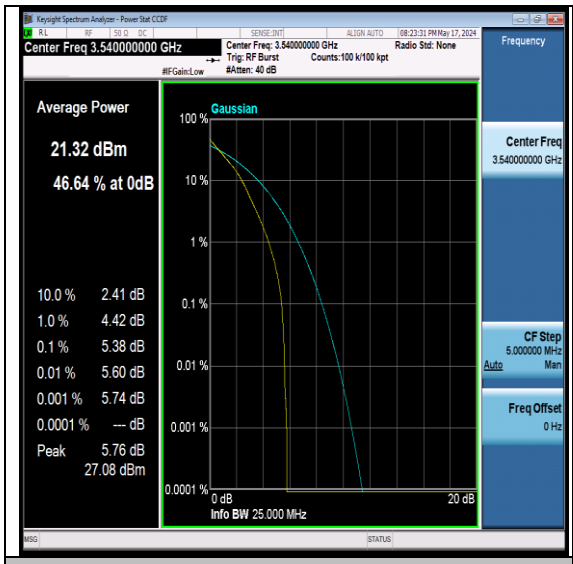
NTNV-N77-3450-3550-PC3-30-20-L-DFT-QPSK-Edge_1RB_Left-PASS



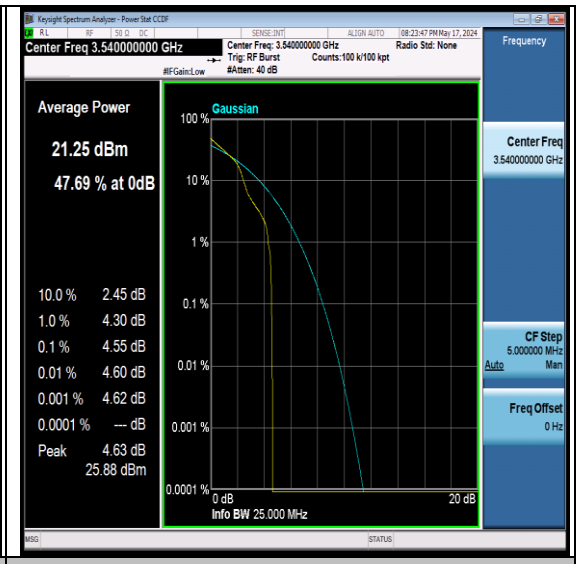
NTNV-N77-3450-3550-PC3-30-20-M-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3450-3550-PC3-30-20-M-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-N77-3450-3550-PC3-30-20-H-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3450-3550-PC3-30-20-H-DFT-QPSK-Edge_1RB_Left-PASS

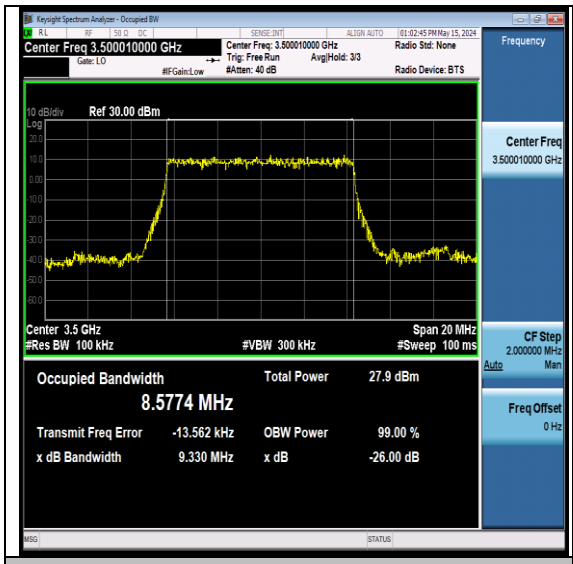
26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3450 -3550	30	10	DFT-PI2BPSK	M	Outer_Full	8.5774	9.330	PASS
N77-3450 -3550	30	10	DFT-QPSK	M	Outer_Full	8.5784	9.192	PASS
N77-3450 -3550	30	10	DFT-16QAM	M	Outer_Full	8.5547	9.262	PASS
N77-3450 -3550	30	10	DFT-64QAM	M	Outer_Full	8.5710	9.527	PASS
N77-3450 -3550	30	10	DFT-256QAM	M	Outer_Full	8.5572	9.486	PASS
N77-3450 -3550	30	20	DFT-PI2BPSK	M	Outer_Full	17.784	19.00	PASS
N77-3450 -3550	30	20	DFT-QPSK	M	Outer_Full	17.758	18.87	PASS
N77-3450 -3550	30	20	DFT-16QAM	M	Outer_Full	17.861	18.88	PASS
N77-3450 -3550	30	20	DFT-64QAM	M	Outer_Full	17.786	18.92	PASS
N77-3450 -3550	30	20	DFT-256QAM	M	Outer_Full	17.796	18.87	PASS
N77-3450 -3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.750	28.14	PASS
N77-3450 -3550	30	30	DFT-16QAM	M	Outer_Full	26.754	28.14	PASS
N77-3450 -3550	30	30	DFT-64QAM	M	Outer_Full	26.747	28.23	PASS
N77-3450 -3550	30	30	DFT-256QAM	M	Outer_Full	26.759	28.05	PASS
N77-3450 -3550	30	30	DFT-QPSK	M	Outer_Full	26.715	28.04	PASS
N77-3450 -3550	30	40	DFT-PI2BPSK	M	Outer_Full	35.663	37.44	PASS
N77-3450 -3550	30	40	DFT-QPSK	M	Outer_Full	35.741	37.21	PASS
N77-3450 -3550	30	40	DFT-16QAM	M	Outer_Full	35.761	37.27	PASS
N77-3450 -3550	30	40	DFT-64QAM	M	Outer_Full	35.761	37.39	PASS
N77-3450 -3550	30	40	DFT-256QAM	M	Outer_Full	35.742	37.41	PASS
N77-3450 -3550	30	50	DFT-PI2BPSK	M	Outer_Full	45.695	47.45	PASS
N77-3450 -3550	30	50	DFT-QPSK	M	Outer_Full	45.659	47.46	PASS
N77-3450 -3550	30	50	DFT-16QAM	M	Outer_Full	45.670	47.45	PASS
N77-3450	30	50	DFT-64QAM	M	Outer_Full	45.672	47.41	PASS

-3550								
N77-3450 -3550	30	50	DFT-256QAM	M	Outer_Full	45.680	47.57	PASS
N77-3450 -3550	30	60	DFT-PI2BPSK	M	Outer_Full	57.830	59.96	PASS
N77-3450 -3550	30	60	DFT-QPSK	M	Outer_Full	57.893	59.93	PASS
N77-3450 -3550	30	60	DFT-16QAM	M	Outer_Full	57.711	59.76	PASS
N77-3450 -3550	30	60	DFT-64QAM	M	Outer_Full	57.763	59.93	PASS
N77-3450 -3550	30	60	DFT-256QAM	M	Outer_Full	57.756	59.97	PASS
N77-3450 -3550	30	70	DFT-PI2BPSK	M	Outer_Full	64.178	66.69	PASS
N77-3450 -3550	30	70	DFT-QPSK	M	Outer_Full	64.254	66.80	PASS
N77-3450 -3550	30	70	DFT-16QAM	M	Outer_Full	64.210	66.65	PASS
N77-3450 -3550	30	70	DFT-64QAM	M	Outer_Full	64.184	66.60	PASS
N77-3450 -3550	30	70	DFT-256QAM	M	Outer_Full	64.152	66.70	PASS
N77-3450 -3550	30	80	DFT-PI2BPSK	M	Outer_Full	77.053	79.72	PASS
N77-3450 -3550	30	80	DFT-QPSK	M	Outer_Full	77.101	79.82	PASS
N77-3450 -3550	30	80	DFT-16QAM	M	Outer_Full	76.905	79.70	PASS
N77-3450 -3550	30	80	DFT-64QAM	M	Outer_Full	77.202	79.63	PASS
N77-3450 -3550	30	80	DFT-256QAM	M	Outer_Full	77.054	79.75	PASS
N77-3450 -3550	30	90	DFT-PI2BPSK	M	Outer_Full	86.720	89.56	PASS
N77-3450 -3550	30	90	DFT-QPSK	M	Outer_Full	86.633	89.58	PASS
N77-3450 -3550	30	90	DFT-16QAM	M	Outer_Full	86.865	89.65	PASS
N77-3450 -3550	30	90	DFT-64QAM	M	Outer_Full	86.488	89.49	PASS
N77-3450 -3550	30	90	DFT-256QAM	M	Outer_Full	86.564	89.51	PASS
N77-3450 -3550	30	100	DFT-PI2BPSK	M	Outer_Full	96.180	99.46	PASS
N77-3450 -3550	30	100	DFT-QPSK	M	Outer_Full	96.338	99.65	PASS
N77-3450 -3550	30	100	DFT-16QAM	M	Outer_Full	96.389	99.50	PASS
N77-3450 -3550	30	100	DFT-64QAM	M	Outer_Full	96.251	99.63	PASS
N77-3450 -3550	30	100	DFT-256QAM	M	Outer_Full	96.235	99.53	PASS

TEST GRAPHS



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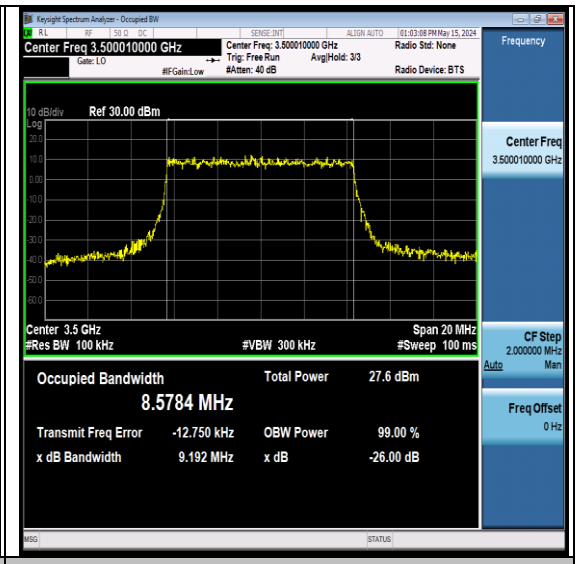

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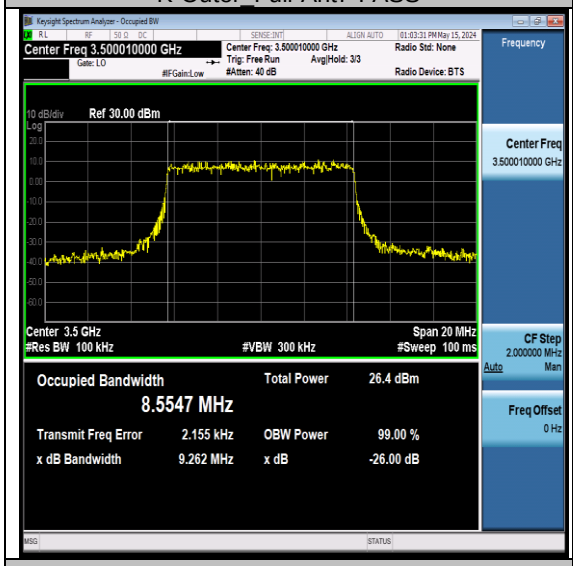

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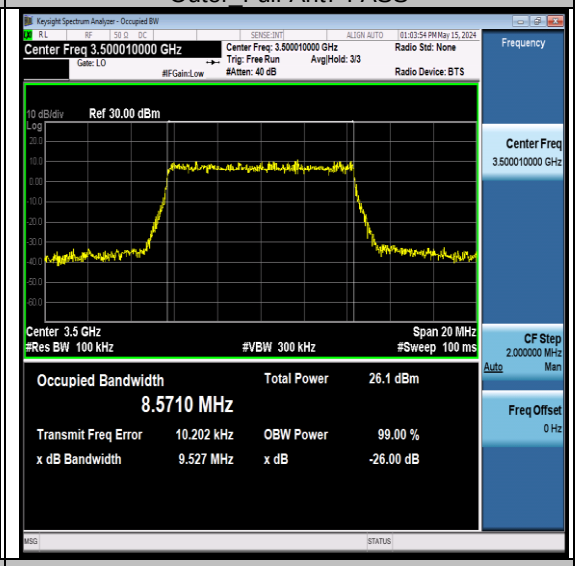

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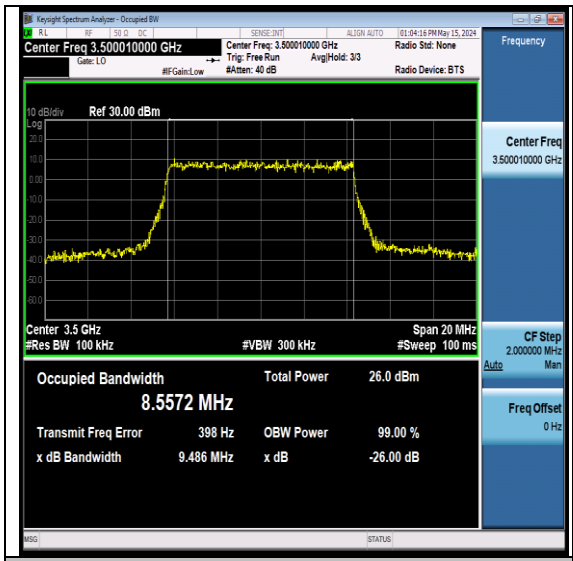

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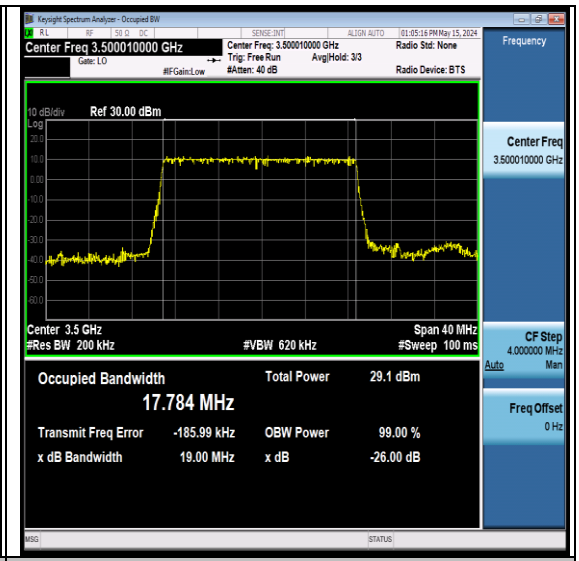

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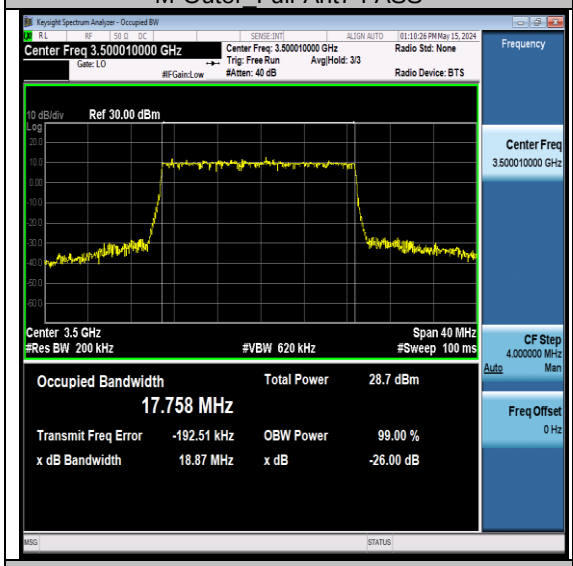

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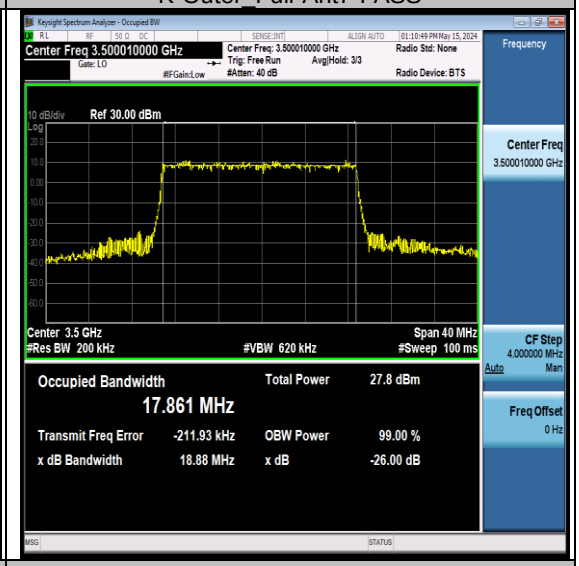

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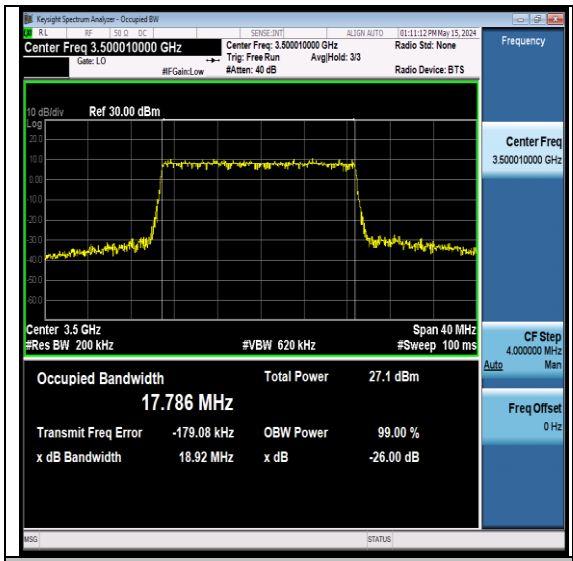

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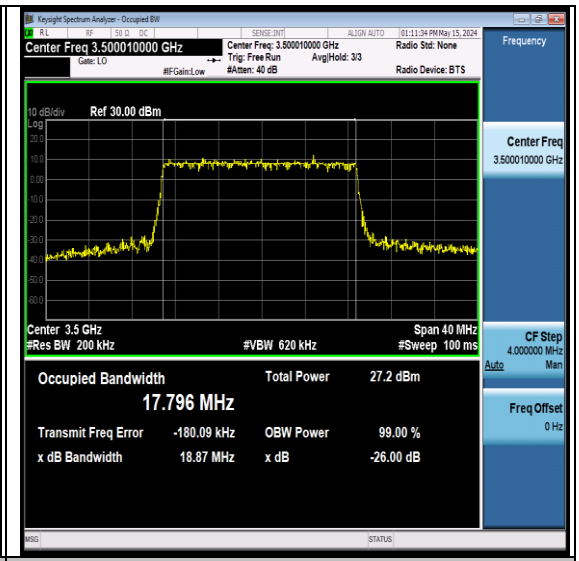

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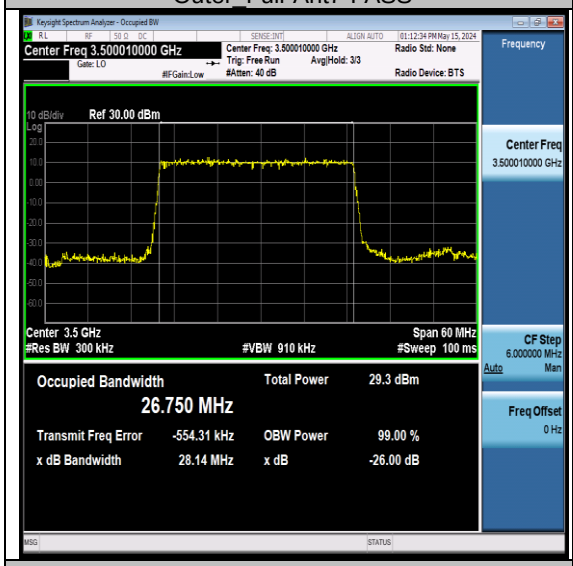

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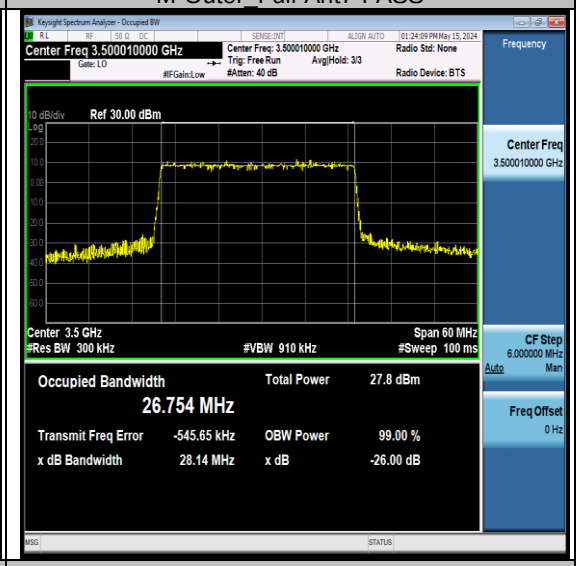

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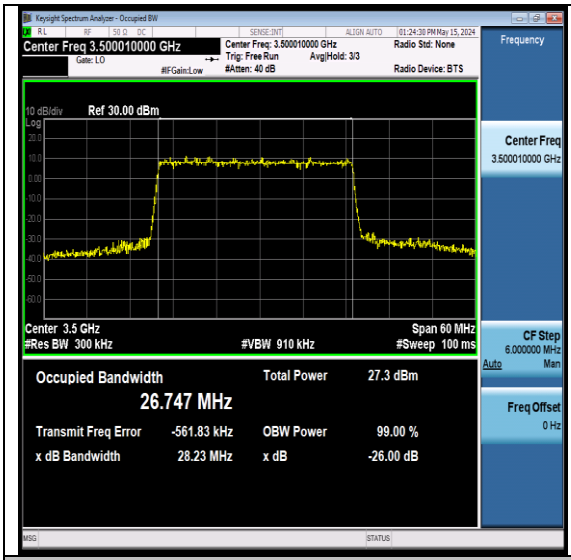

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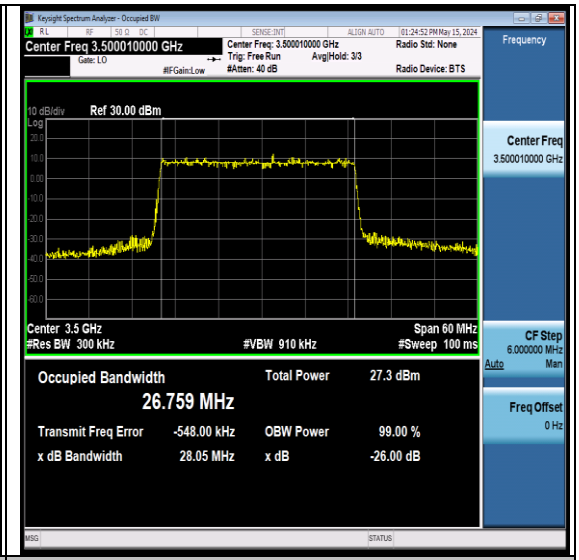

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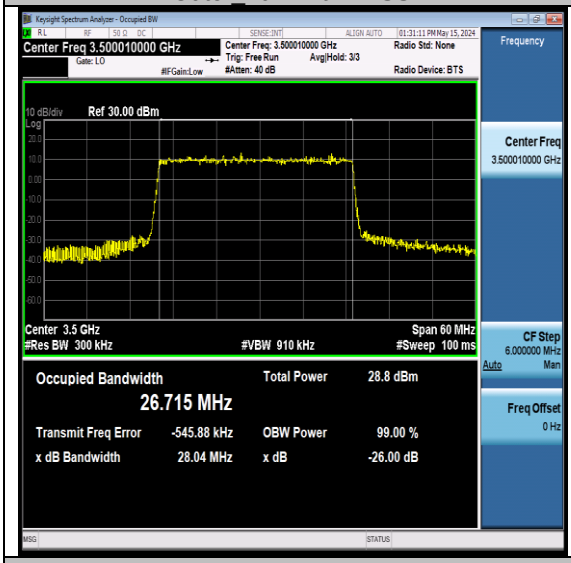

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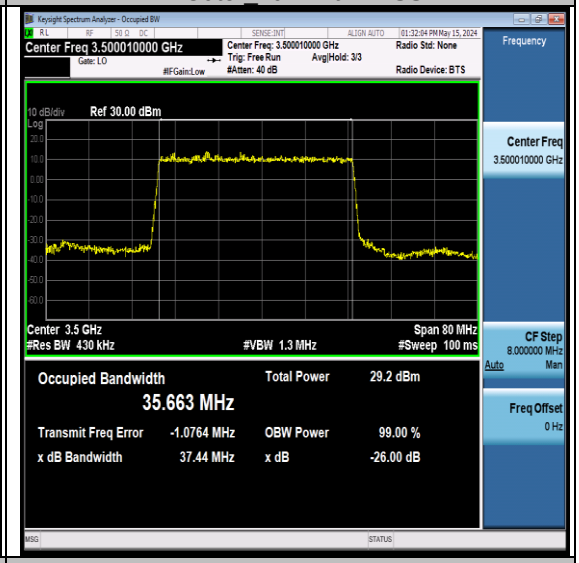

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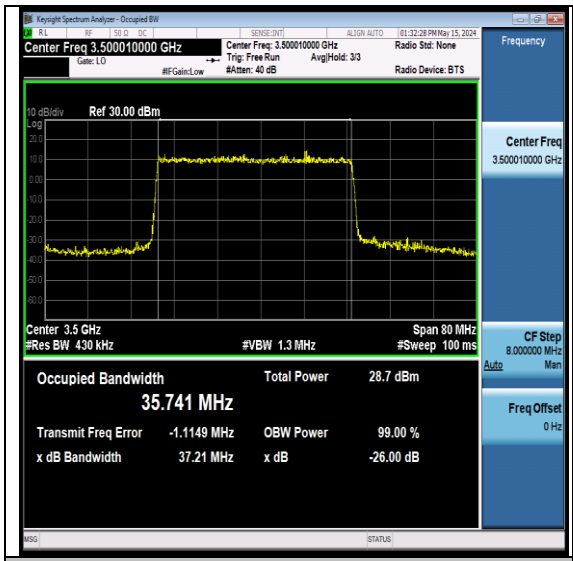

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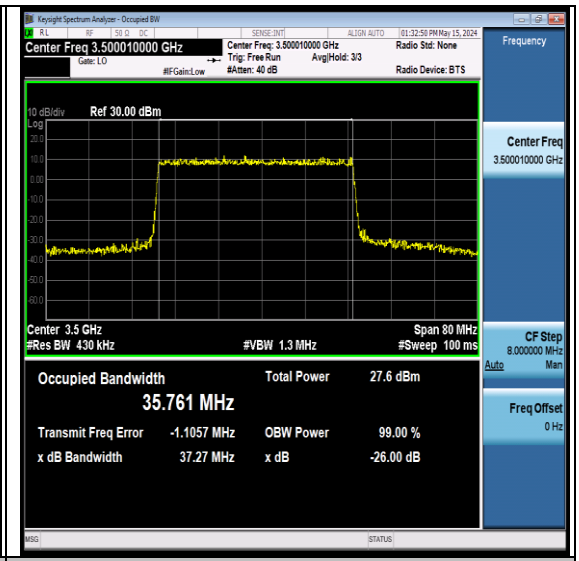

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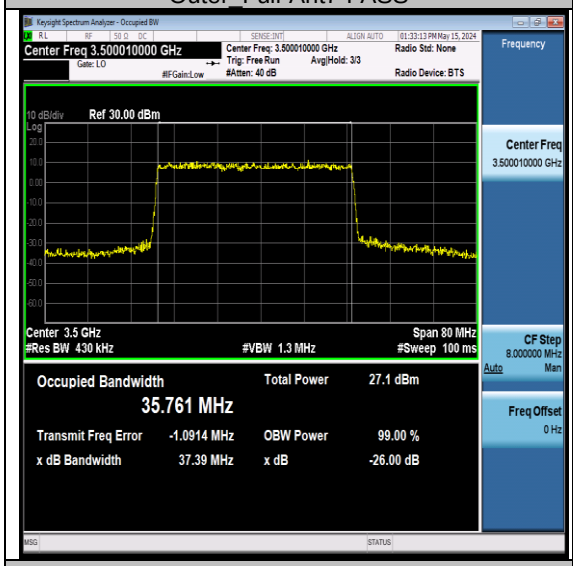

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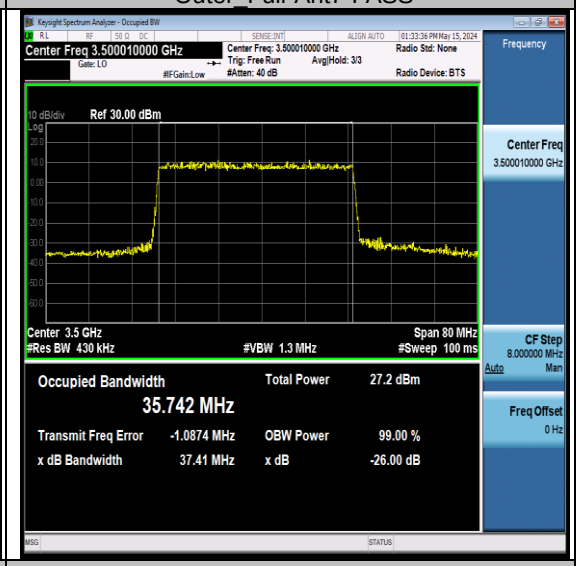

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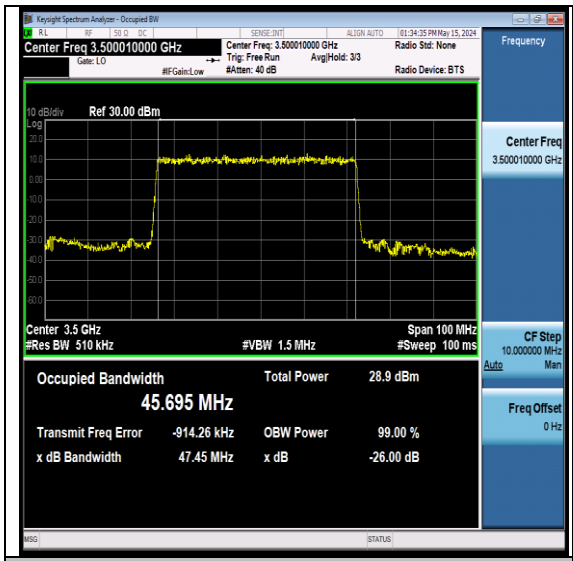

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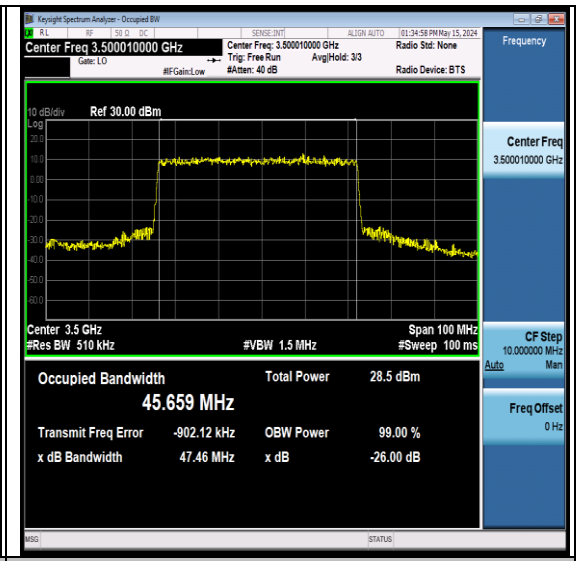

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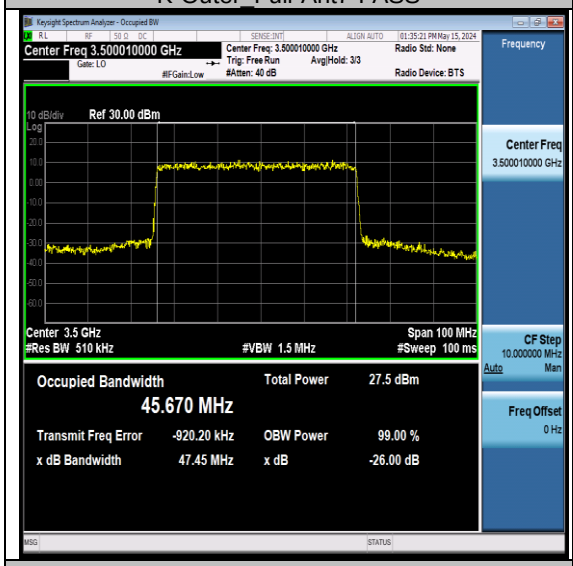

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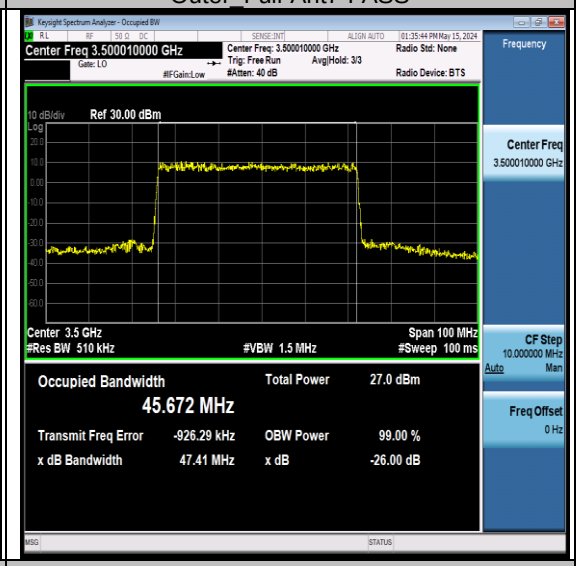

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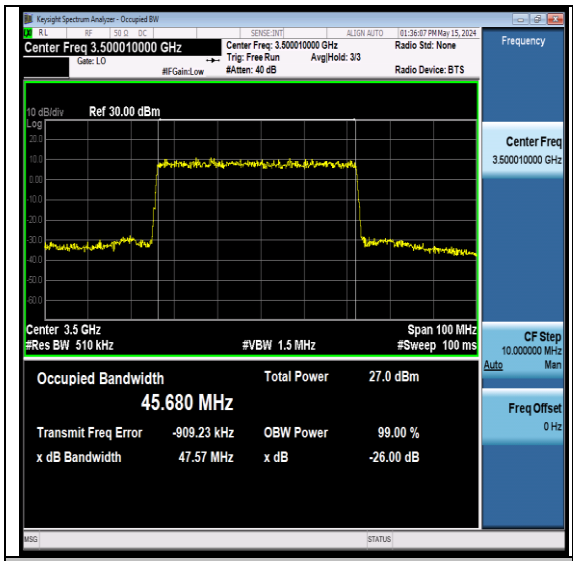

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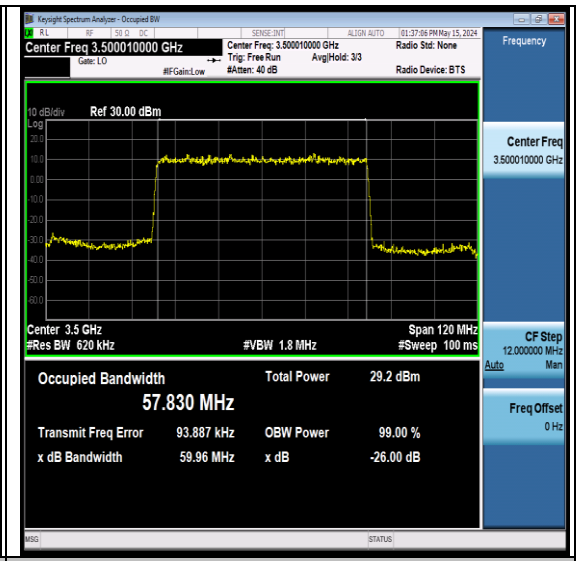

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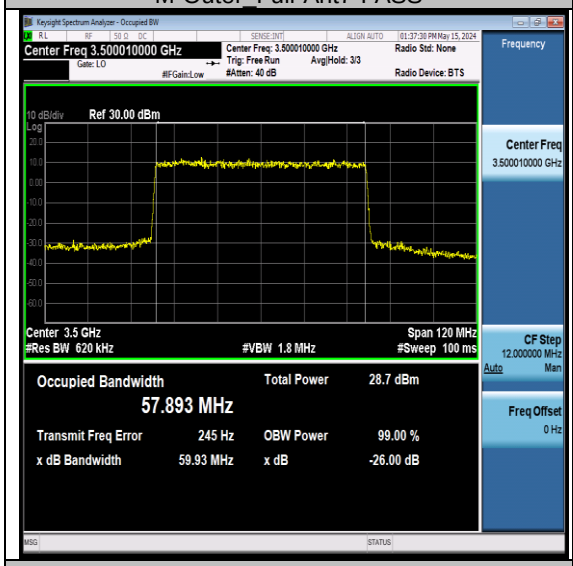

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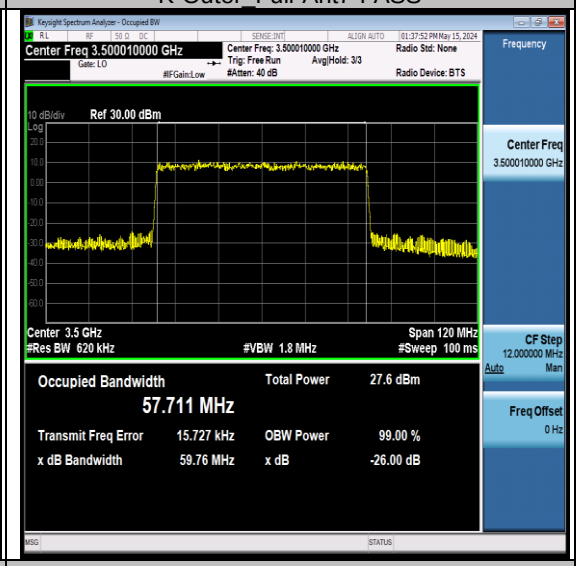

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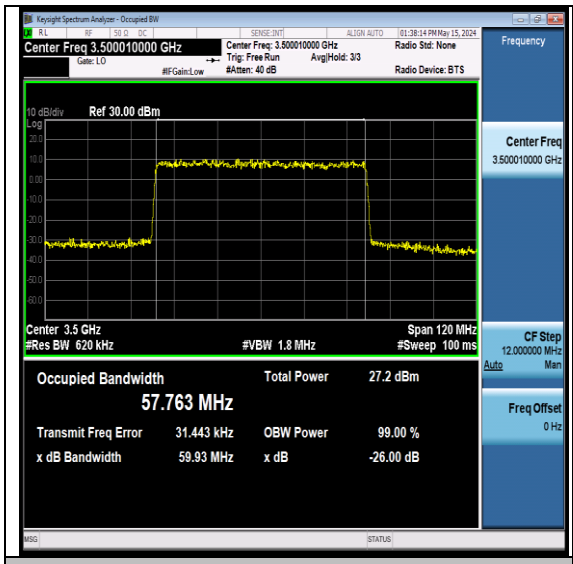

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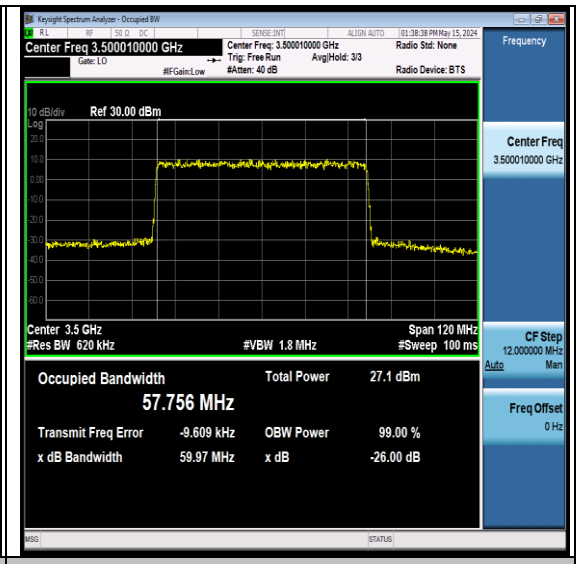

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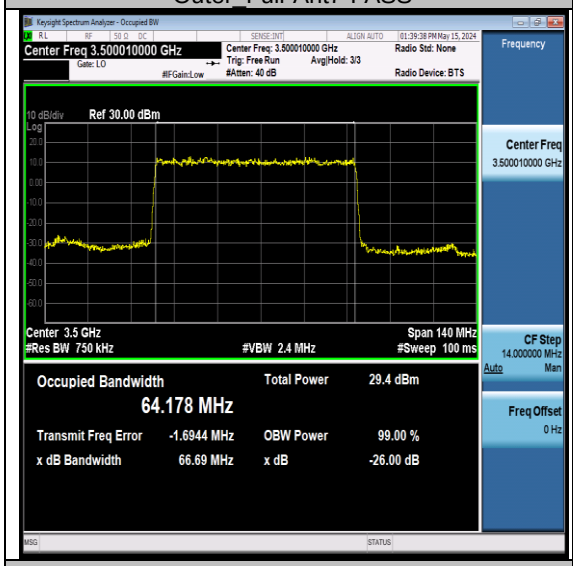

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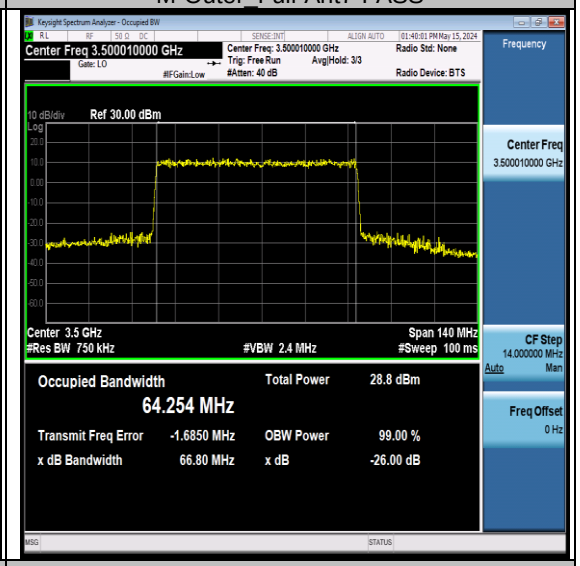

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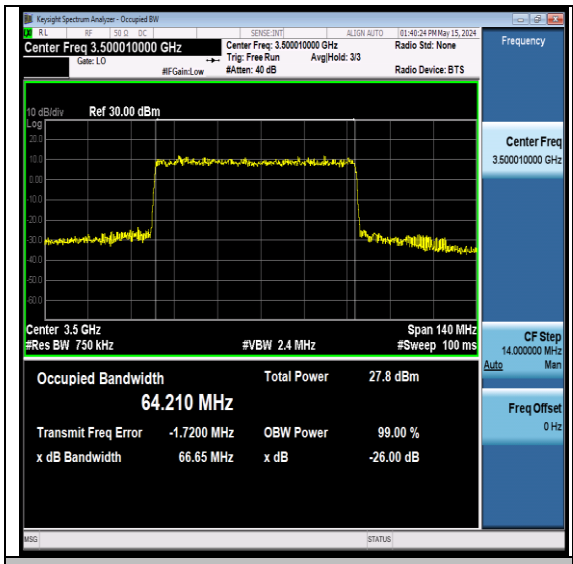

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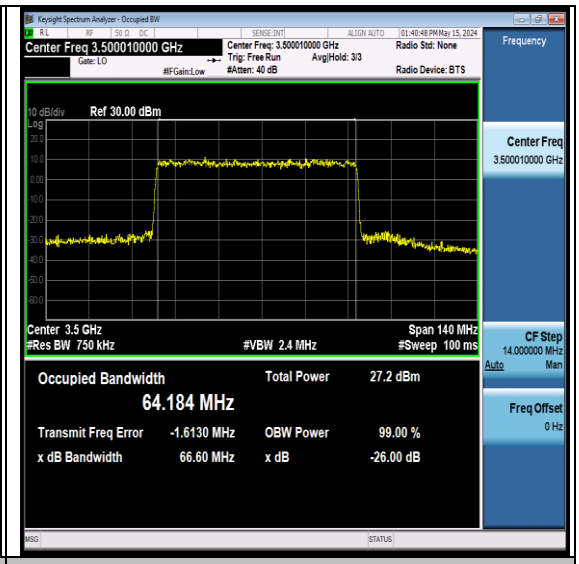

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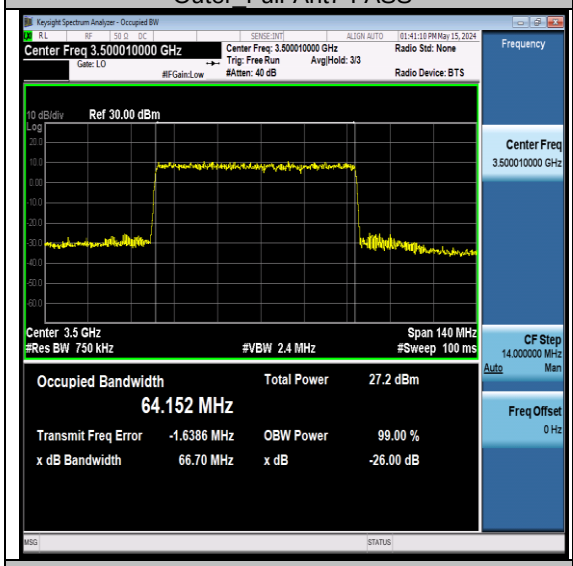

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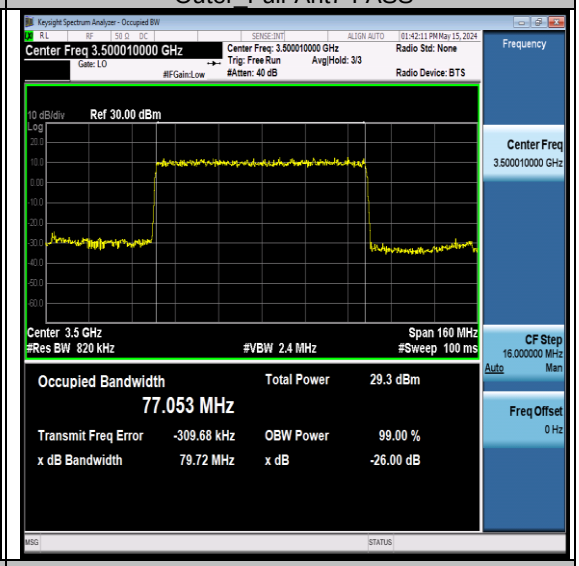

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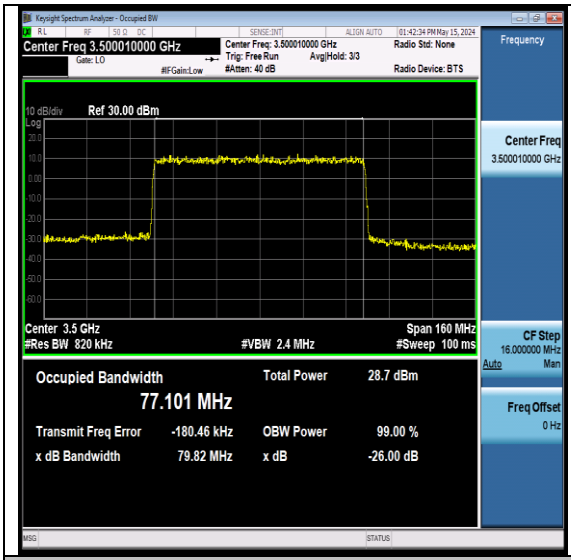

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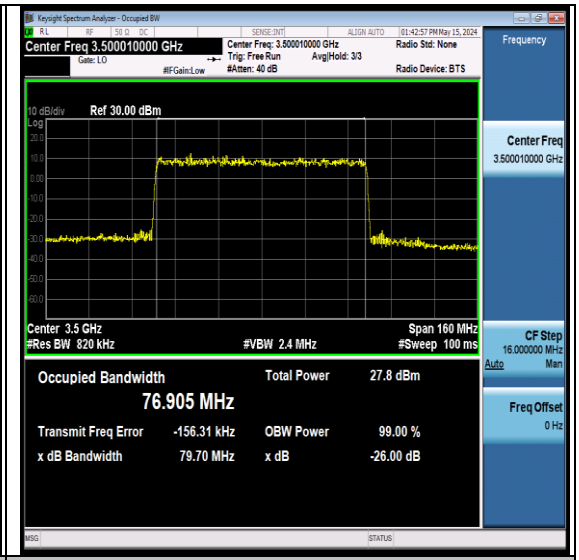

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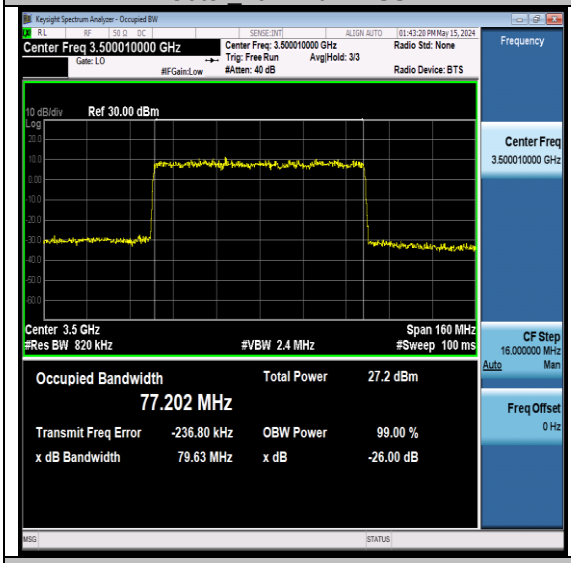

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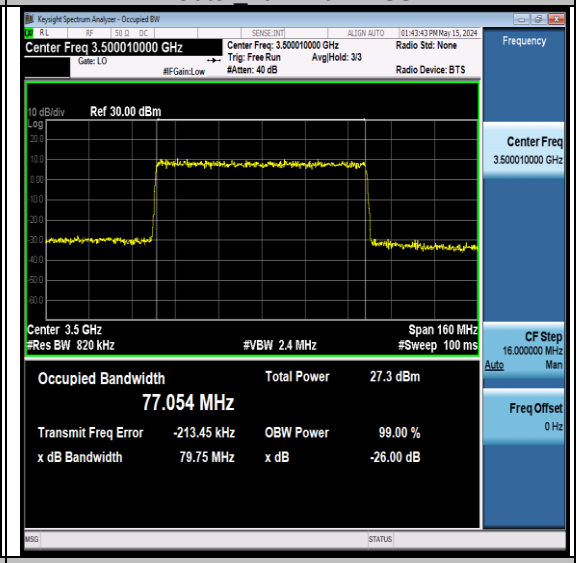

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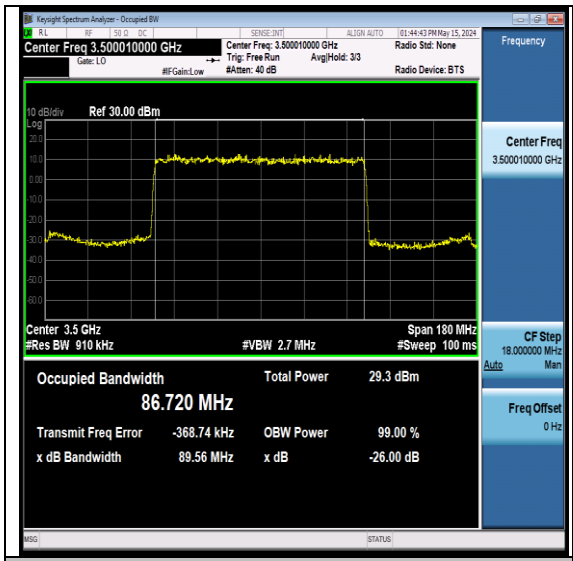

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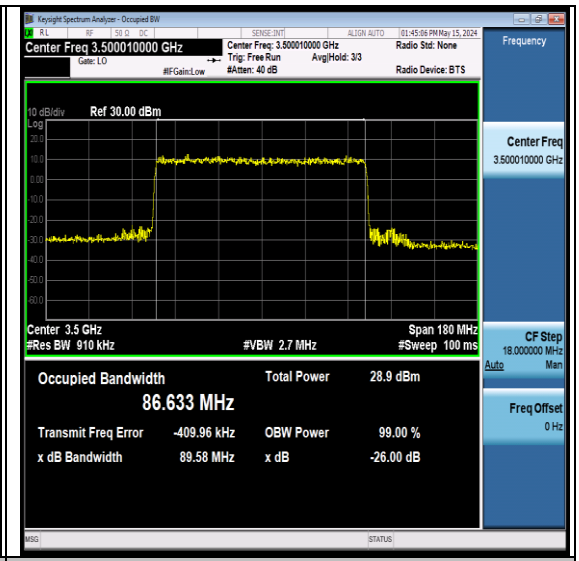

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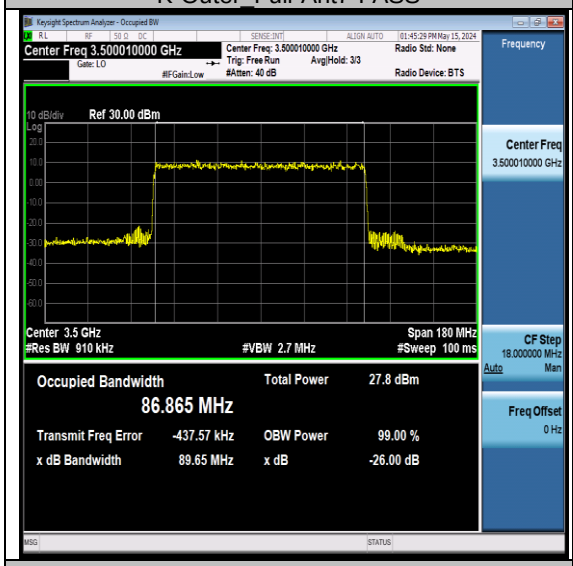
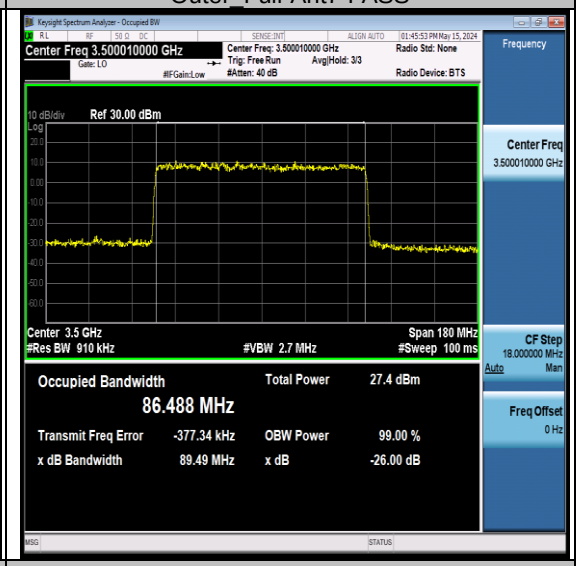


NTNV-N77-3450-3550-PC3-30-90-M-DFT-16QAM-Outer_Full-Ant7-PASS



NTNV-N77-3450-3550-PC3-30-90-M-DFT-64QAM-Outer_Full-Ant7-PASS