



26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N48	30	10	DFT-PI2BPSK	M	Outer_Full	8.5627	9.309	PASS
N48	30	10	DFT-QPSK	M	Outer_Full	8.5698	9.243	PASS
N48	30	10	DFT-16QAM	M	Outer_Full	8.5601	9.320	PASS
N48	30	10	DFT-64QAM	M	Outer_Full	8.5905	9.258	PASS
N48	30	10	DFT-256QAM	M	Outer_Full	8.5656	9.231	PASS
N48	30	100	DFT-PI2BPSK	M	Outer_Full	96.259	99.80	PASS
N48	30	100	DFT-QPSK	M	Outer_Full	96.039	99.68	PASS
N48	30	100	DFT-16QAM	M	Outer_Full	95.856	99.68	PASS
N48	30	100	DFT-64QAM	M	Outer_Full	96.088	99.83	PASS
N48	30	100	DFT-256QAM	M	Outer_Full	96.156	99.78	PASS
N48	30	15	DFT-PI2BPSK	M	Outer_Full	12.863	13.94	PASS
N48	30	15	DFT-QPSK	M	Outer_Full	12.855	13.83	PASS
N48	30	15	DFT-16QAM	M	Outer_Full	12.851	13.87	PASS
N48	30	15	DFT-64QAM	M	Outer_Full	12.901	14.00	PASS
N48	30	15	DFT-256QAM	M	Outer_Full	12.858	13.78	PASS
N48	30	20	DFT-PI2BPSK	M	Outer_Full	17.827	19.06	PASS
N48	30	20	DFT-QPSK	M	Outer_Full	17.797	19.02	PASS
N48	30	20	DFT-16QAM	M	Outer_Full	17.836	19.05	PASS
N48	30	20	DFT-64QAM	M	Outer_Full	17.811	18.79	PASS
N48	30	20	DFT-256QAM	M	Outer_Full	17.841	19.03	PASS
N48	30	30	DFT-PI2BPSK	M	Outer_Full	26.779	28.32	PASS
N48	30	30	DFT-QPSK	M	Outer_Full	26.785	28.54	PASS
N48	30	30	DFT-16QAM	M	Outer_Full	26.761	28.30	PASS
N48	30	30	DFT-64QAM	M	Outer_Full	26.723	28.38	PASS
N48	30	30	DFT-256QAM	M	Outer_Full	26.759	28.29	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	35.678	37.47	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	35.749	37.68	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	35.678	37.60	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	35.698	37.66	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	35.658	37.64	PASS
N48	30	50	DFT-PI2BPSK	M	Outer_Full	45.747	47.86	PASS
N48	30	50	DFT-QPSK	M	Outer_Full	45.646	47.77	PASS
N48	30	50	DFT-16QAM	M	Outer_Full	45.693	48.18	PASS
N48	30	50	DFT-64QAM	M	Outer_Full	45.620	47.85	PASS
N48	30	50	DFT-256QAM	M	Outer_Full	45.818	47.90	PASS
N48	30	60	DFT-PI2BPSK	M	Outer_Full	57.781	59.89	PASS
N48	30	60	DFT-QPSK	M	Outer_Full	57.739	60.11	PASS
N48	30	60	DFT-16QAM	M	Outer_Full	57.752	59.92	PASS
N48	30	60	DFT-64QAM	M	Outer_Full	57.792	59.91	PASS
N48	30	60	DFT-256QAM	M	Outer_Full	57.686	60.05	PASS
N48	30	70	DFT-PI2BPSK	M	Outer_Full	64.262	67.32	PASS
N48	30	70	DFT-QPSK	M	Outer_Full	64.202	67.71	PASS
N48	30	70	DFT-16QAM	M	Outer_Full	64.169	67.33	PASS



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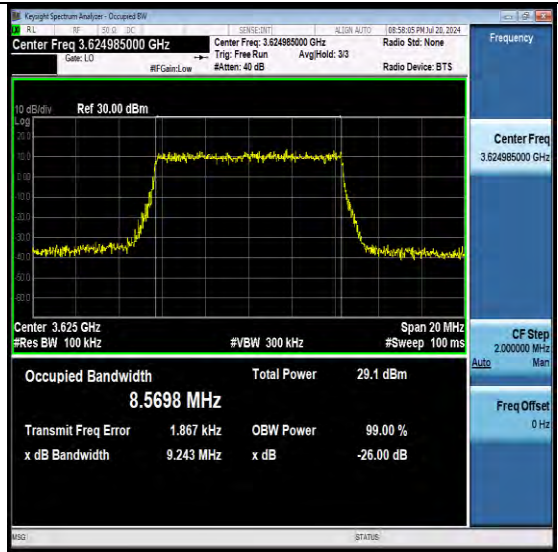
N48	30	70	DFT-64QAM	M	Outer_Full	64.267	67.32	PASS
N48	30	70	DFT-256QAM	M	Outer_Full	64.209	67.66	PASS
N48	30	80	DFT-PI2BPSK	M	Outer_Full	76.990	79.84	PASS
N48	30	80	DFT-QPSK	M	Outer_Full	76.831	79.66	PASS
N48	30	80	DFT-16QAM	M	Outer_Full	76.921	80.05	PASS
N48	30	80	DFT-64QAM	M	Outer_Full	76.902	79.77	PASS
N48	30	80	DFT-256QAM	M	Outer_Full	76.864	79.89	PASS
N48	30	90	DFT-PI2BPSK	M	Outer_Full	86.568	89.58	PASS
N48	30	90	DFT-QPSK	M	Outer_Full	86.546	89.83	PASS
N48	30	90	DFT-16QAM	M	Outer_Full	74.057	75.88	PASS
N48	30	90	DFT-64QAM	M	Outer_Full	86.527	89.68	PASS
N48	30	90	DFT-256QAM	M	Outer_Full	86.577	89.57	PASS



TEST GRAPHS



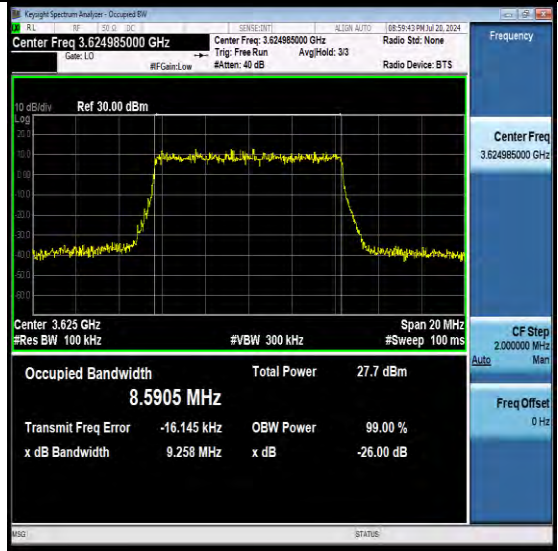
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NTNV-N48-PC3-30-10-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-N48-PC3-30-10-M-DFT-64QAM-Outer_Full-Ant1-PASS



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NTNV-N48-PC3-30-10-M-DFT-256QAM-Outer_Full-Ant1-PASS



NTNV-N48-PC3-30-100-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS



NTNV-N48-PC3-30-100-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N48-PC3-30-100-M-DFT-16QAM-Outer_Full-Ant1-PASS

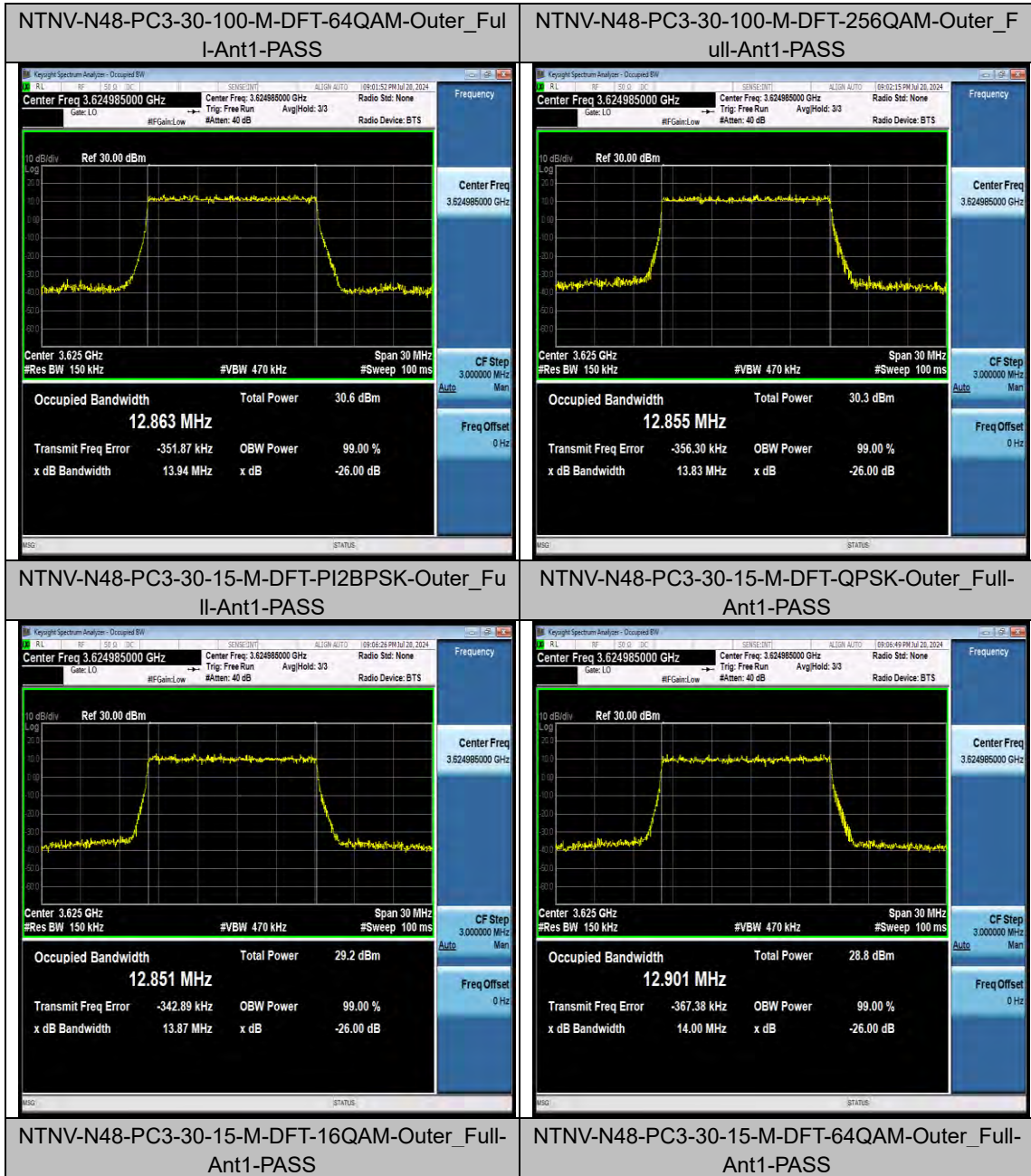


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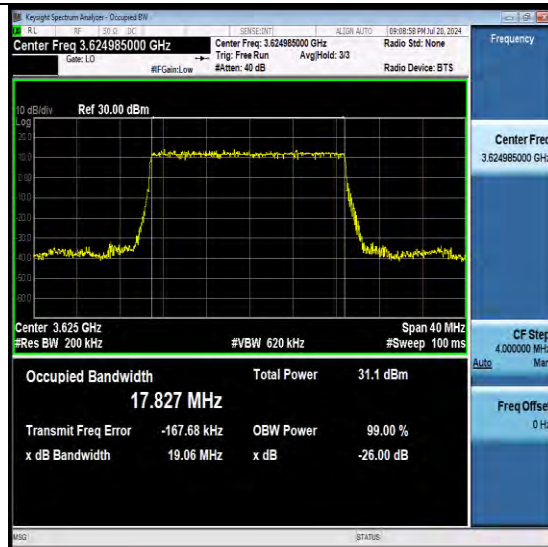


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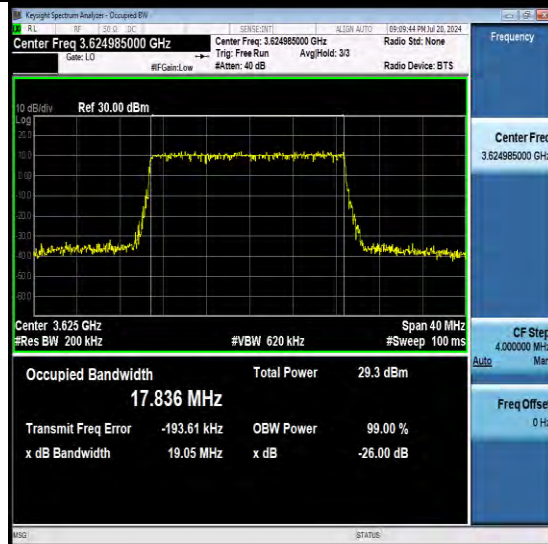
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NTNV-N48-PC3-30-20-M-DFT-PI2BPSK-Outer_Fu II-Ant1-PASS



NTNV-N48-PC3-30-20-M-DFT-QPSK-Outer_Full-Ant1-PASS



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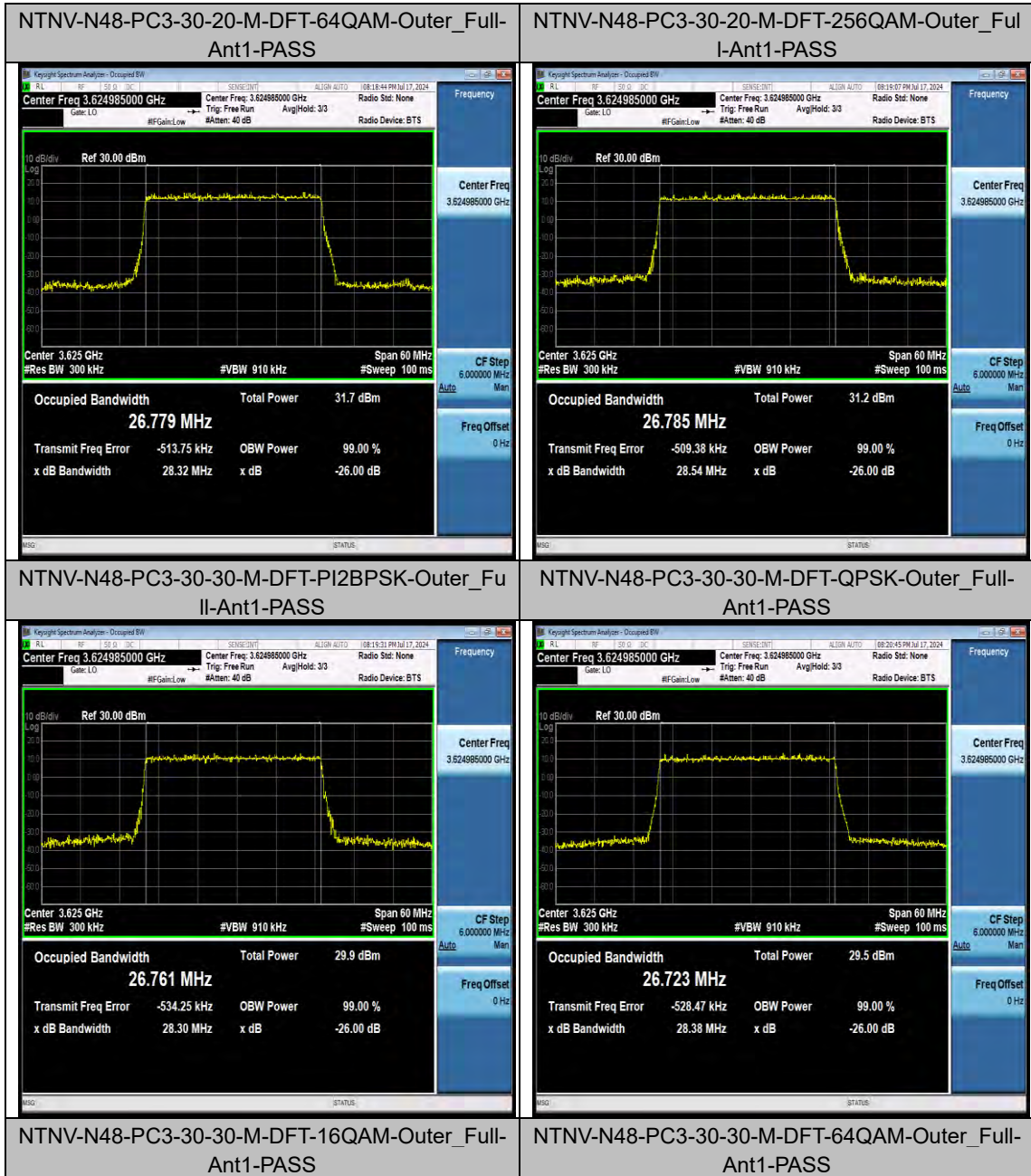
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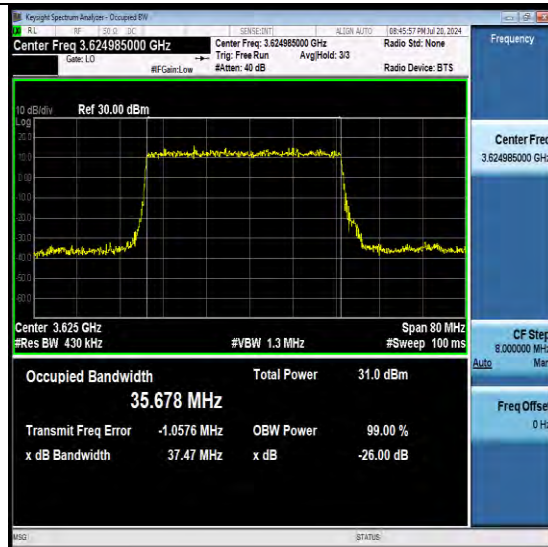


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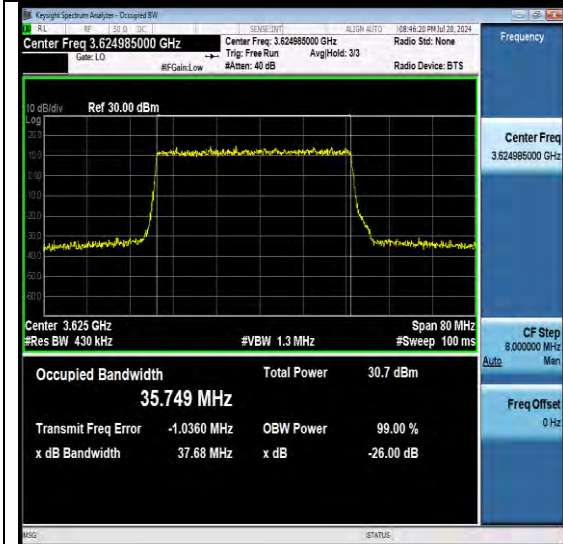
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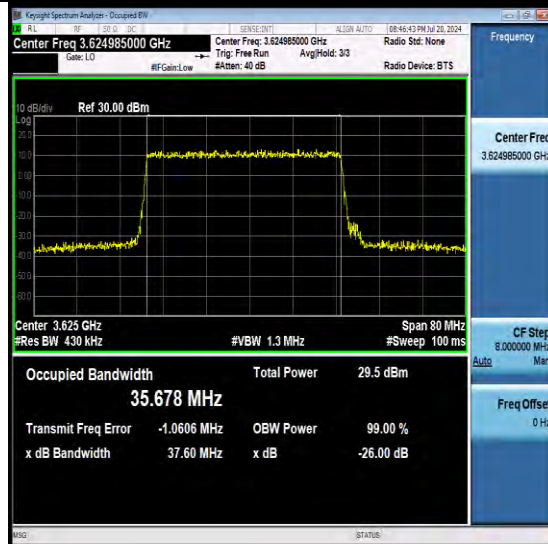
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NTNV-N48-PC3-30-40-M-DFT-PI2BPSK-Outer_Fu II-Ant1-PASS



NTNV-N48-PC3-30-40-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N48-PC3-30-40-M-DFT-16QAM-Outer_Full-Ant1-PASS



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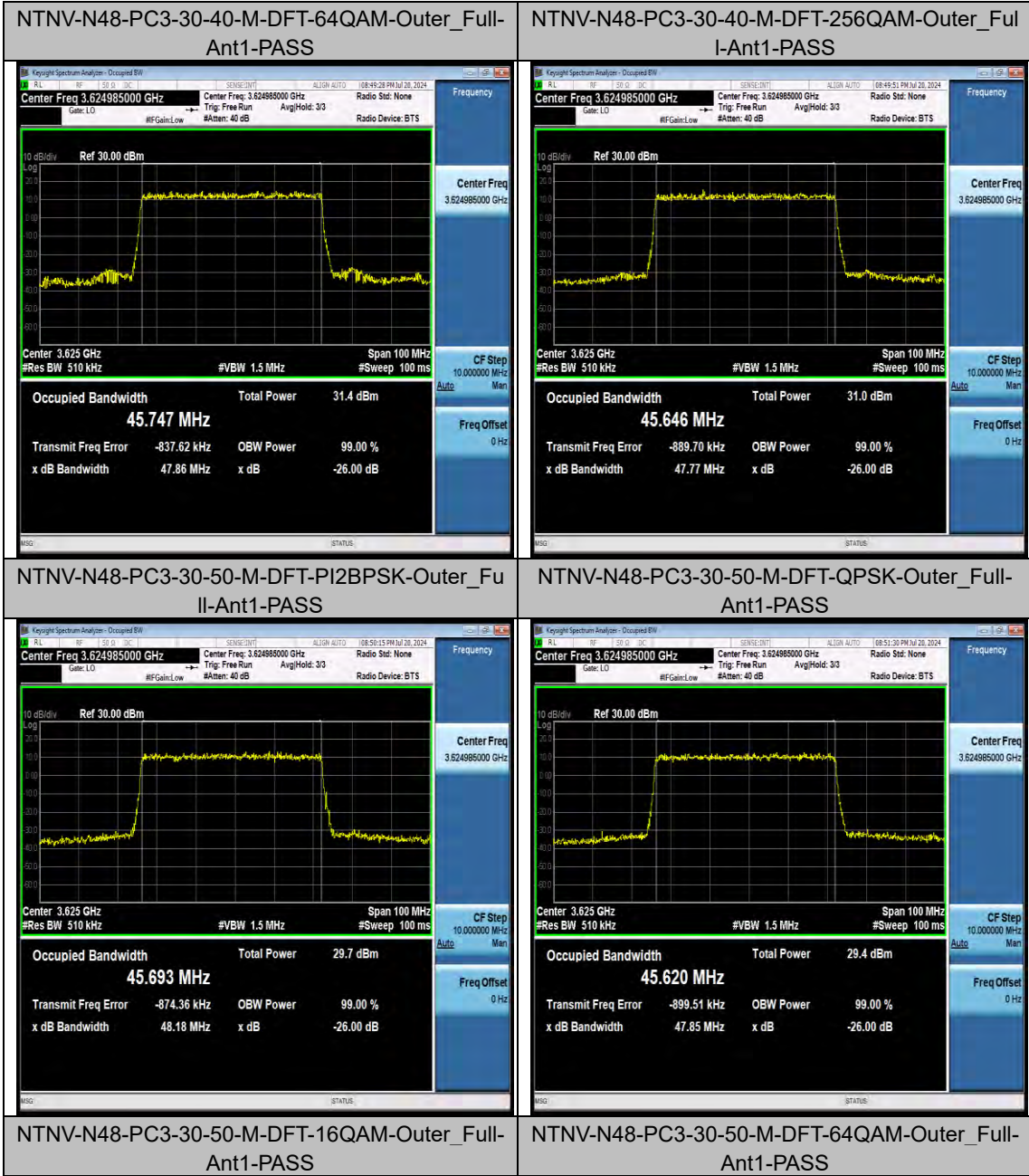
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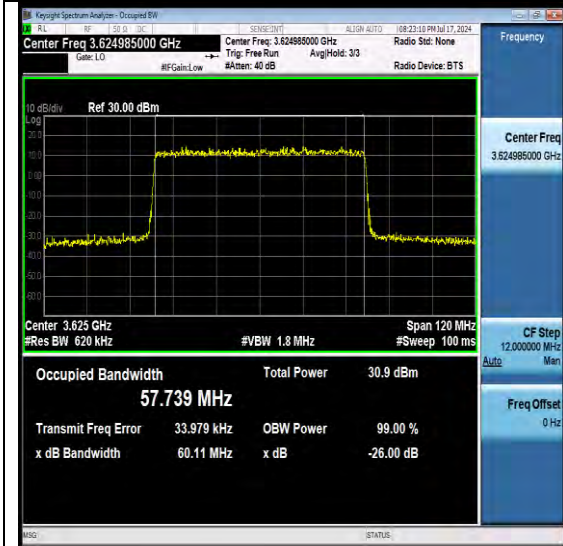
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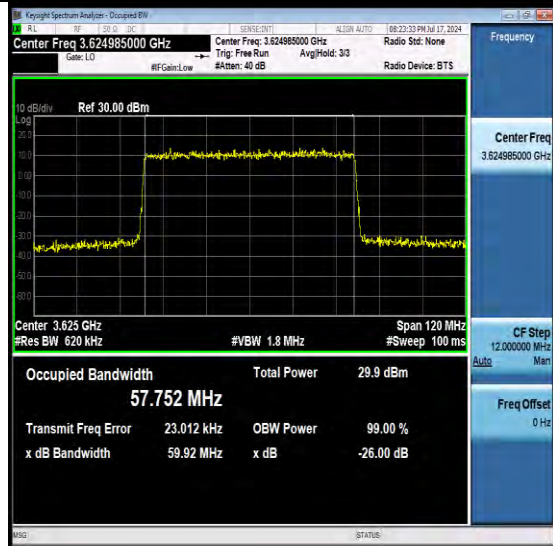
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NTNV-N48-PC3-30-60-M-DFT-PI2BPSK-Outer_Fu II-Ant1-PASS



NTNV-N48-PC3-30-60-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N48-PC3-30-60-M-DFT-16QAM-Outer_Full-Ant1-PASS



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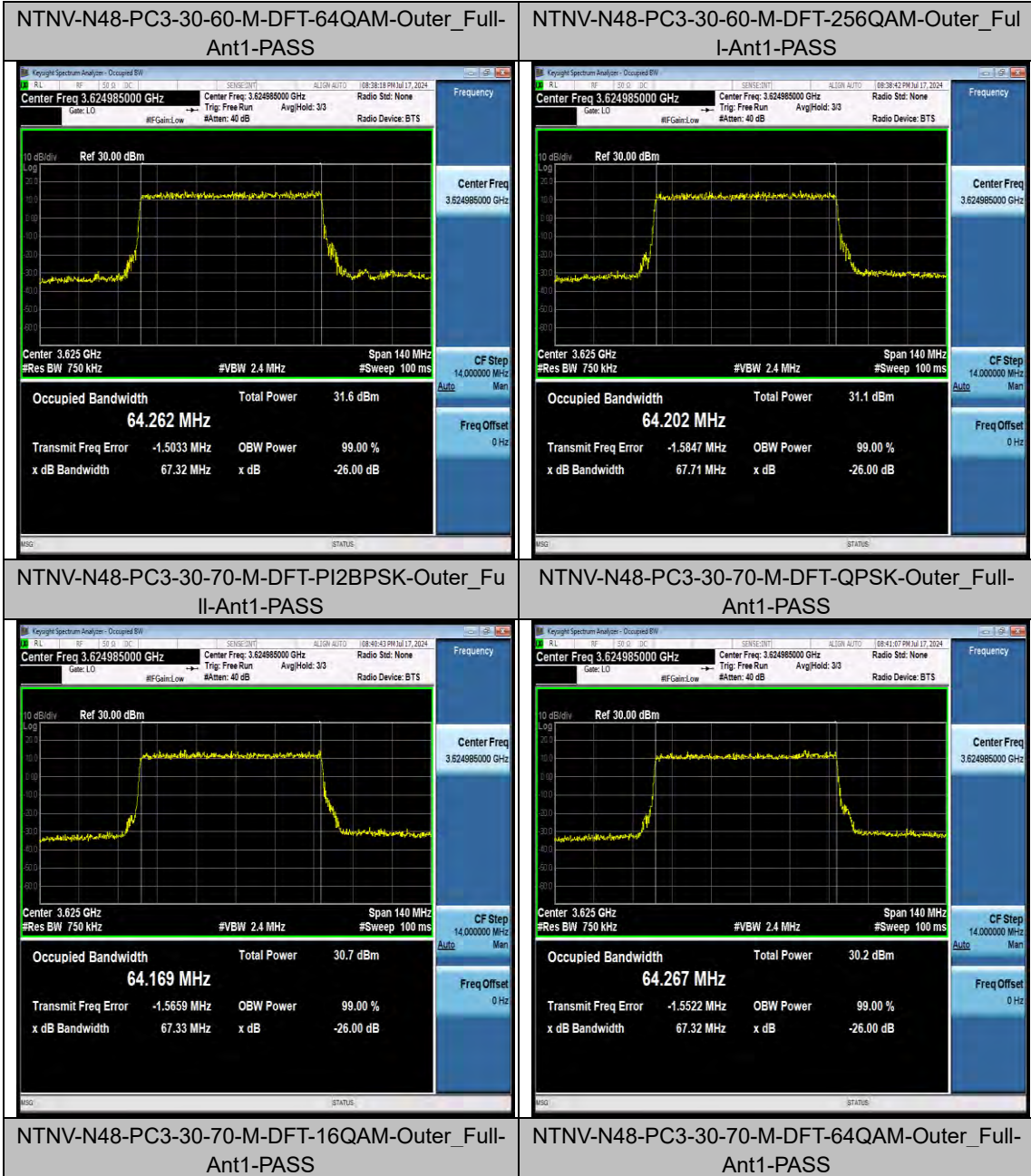
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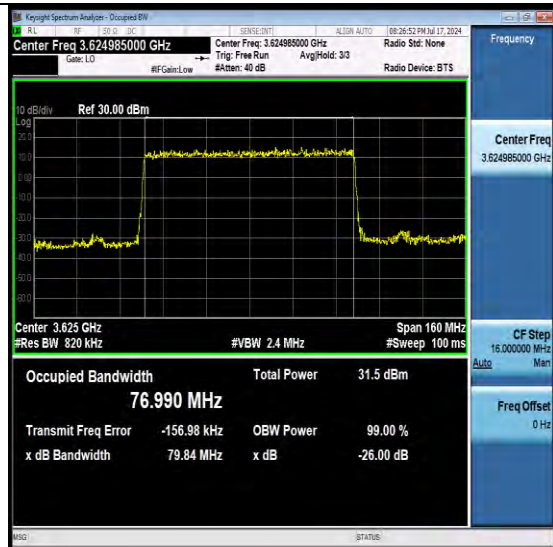


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NTNV-N48-PC3-70-M-DFT-256QAM-Outer_Ful I-Ant1-PASS



NTNV-N48-PC3-30-80-M-DFT-PI2BPSK-Outer_Fu II-Ant1-PASS



NTNV-N48-PC3-30-80-M-DFT-QPSK-Outer_Full-Ant1-PASS



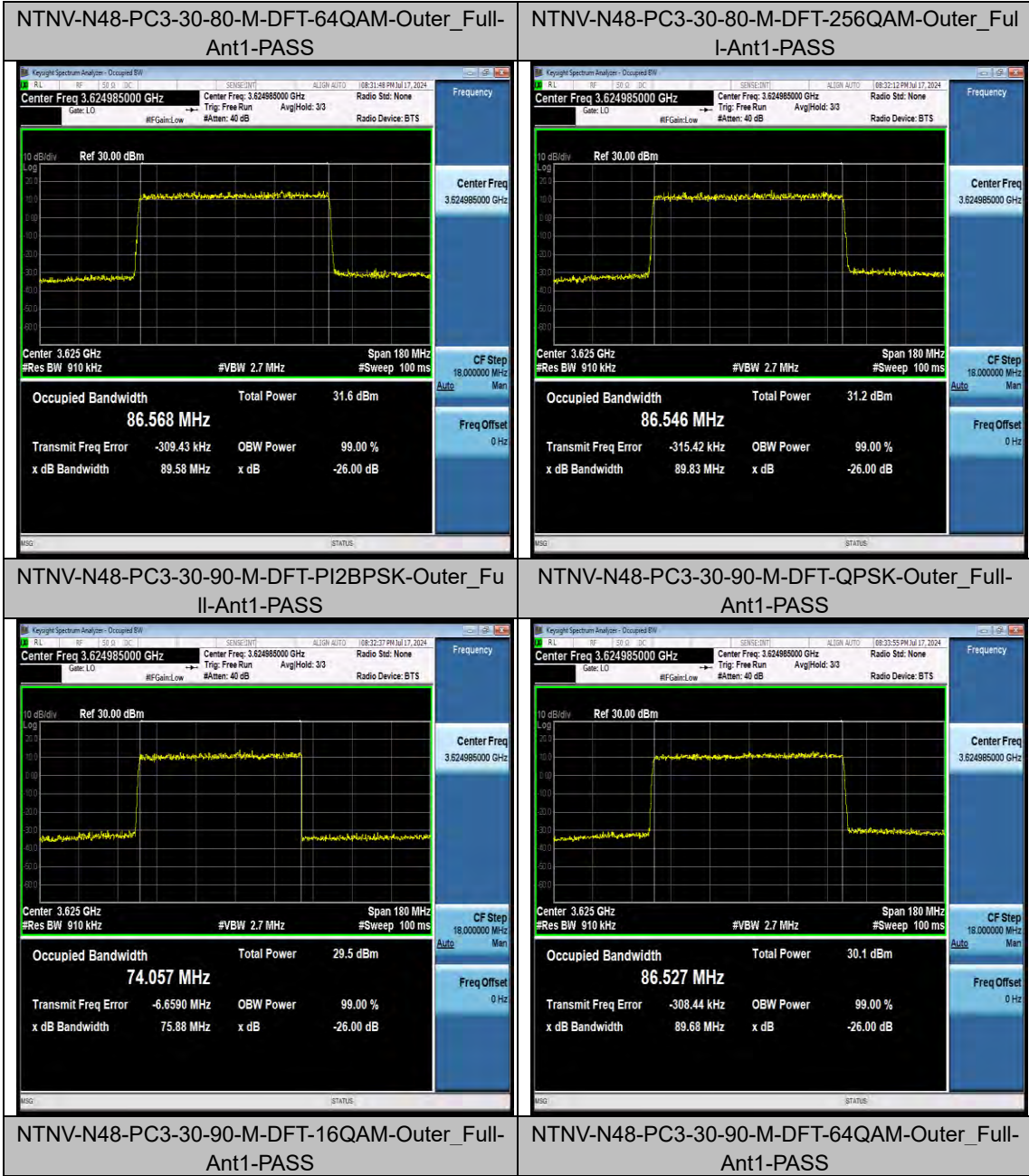
NTNV-N48-PC3-30-80-M-DFT-16QAM-Outer_Full-Ant1-PASS



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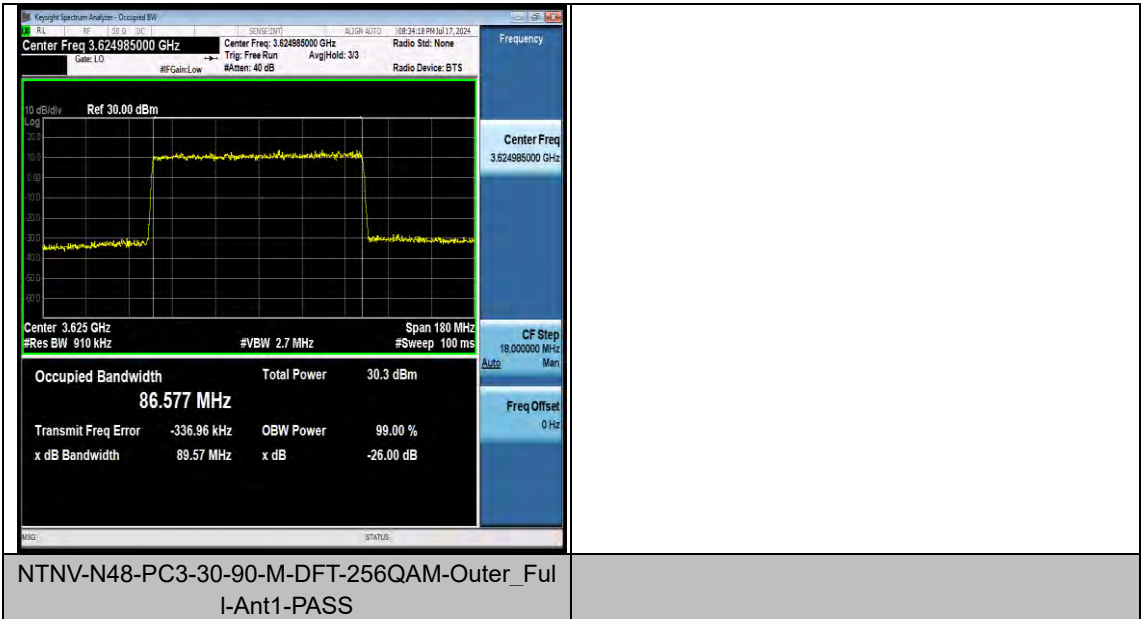
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ACLR FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N48	30	30	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	30	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	30	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	30	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	30	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	30	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	30	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	30	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	30	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS
N48	30	30	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS
N48	30	30	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	30	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	30	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	30	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	30	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	30	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	30	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	30	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	60	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	60	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	60	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	60	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	60	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	60	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	60	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	60	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	60	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS
N48	30	60	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS
N48	30	60	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	60	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	60	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	60	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	60	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	60	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	60	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	60	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	100	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	100	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	100	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	100	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	100	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	100	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	100	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	100	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	100	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS



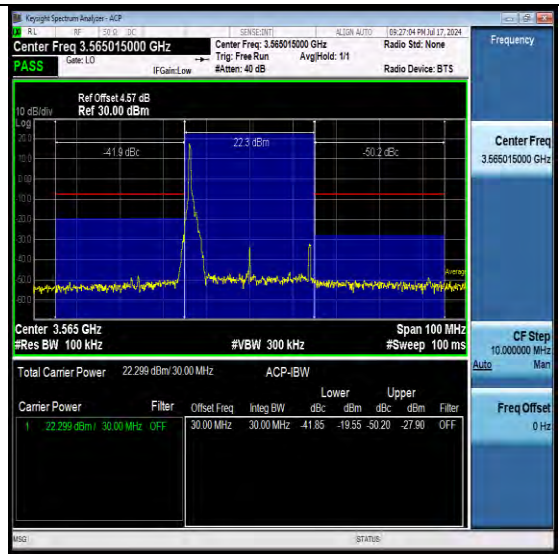
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N48	30	100	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	100	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	100	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	100	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	100	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	100	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	10	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	10	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	10	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
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N48	30	10	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	10	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	10	DFT-QPSK	M	Outer_Full	≤-30	PASS
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N48	30	10	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	10	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	10	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	10	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	10	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
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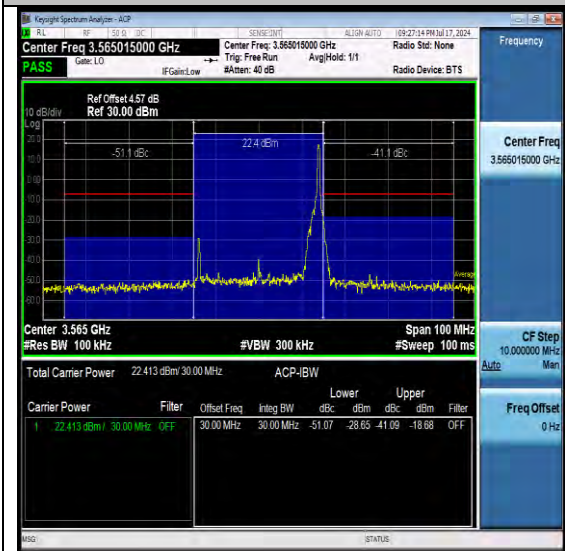
TEST GRAPHS



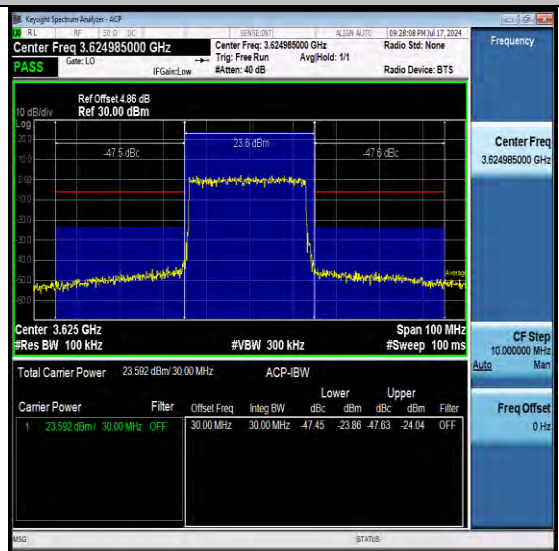
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NTNV-N48-PC3-30-30-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N48-PC3-30-30-L-DFT-QPSK-Edge_1RB_Right-Ant1-PASS

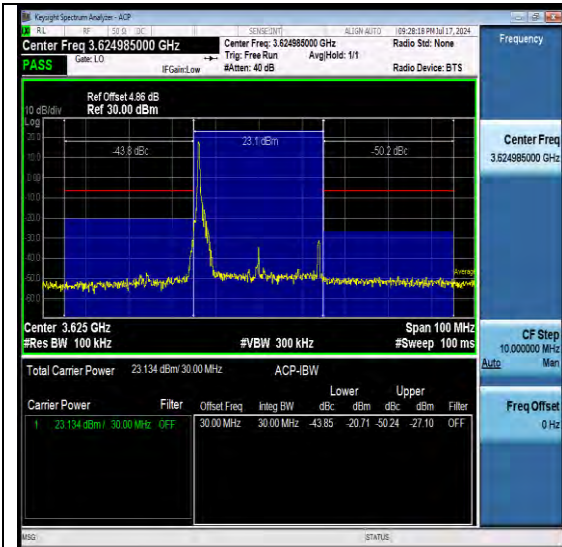


NTNV-N48-PC3-30-30-M-DFT-QPSK-Outer_Full-Ant1-PASS



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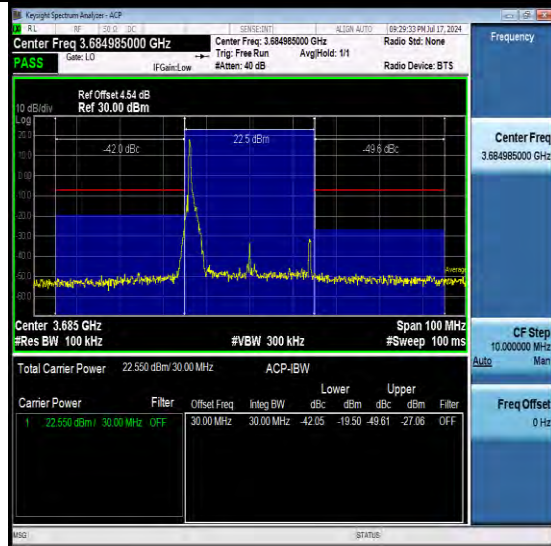
NTNV-N48-PC3-30-30-M-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



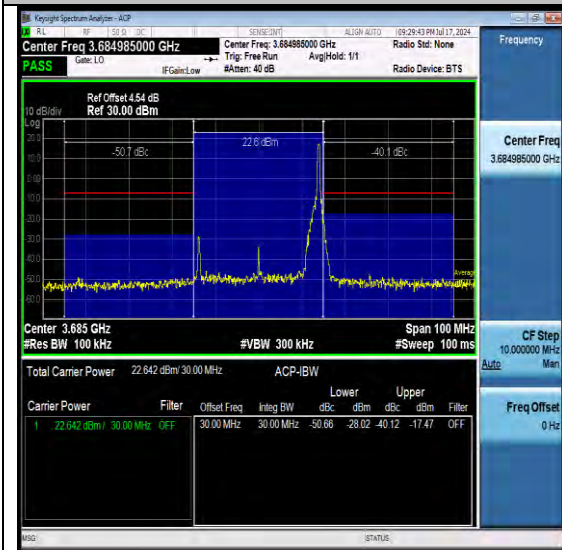
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Right-Ant1-PASS



NTNV-N48-PC3-30-30-H-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N48-PC3-30-30-H-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



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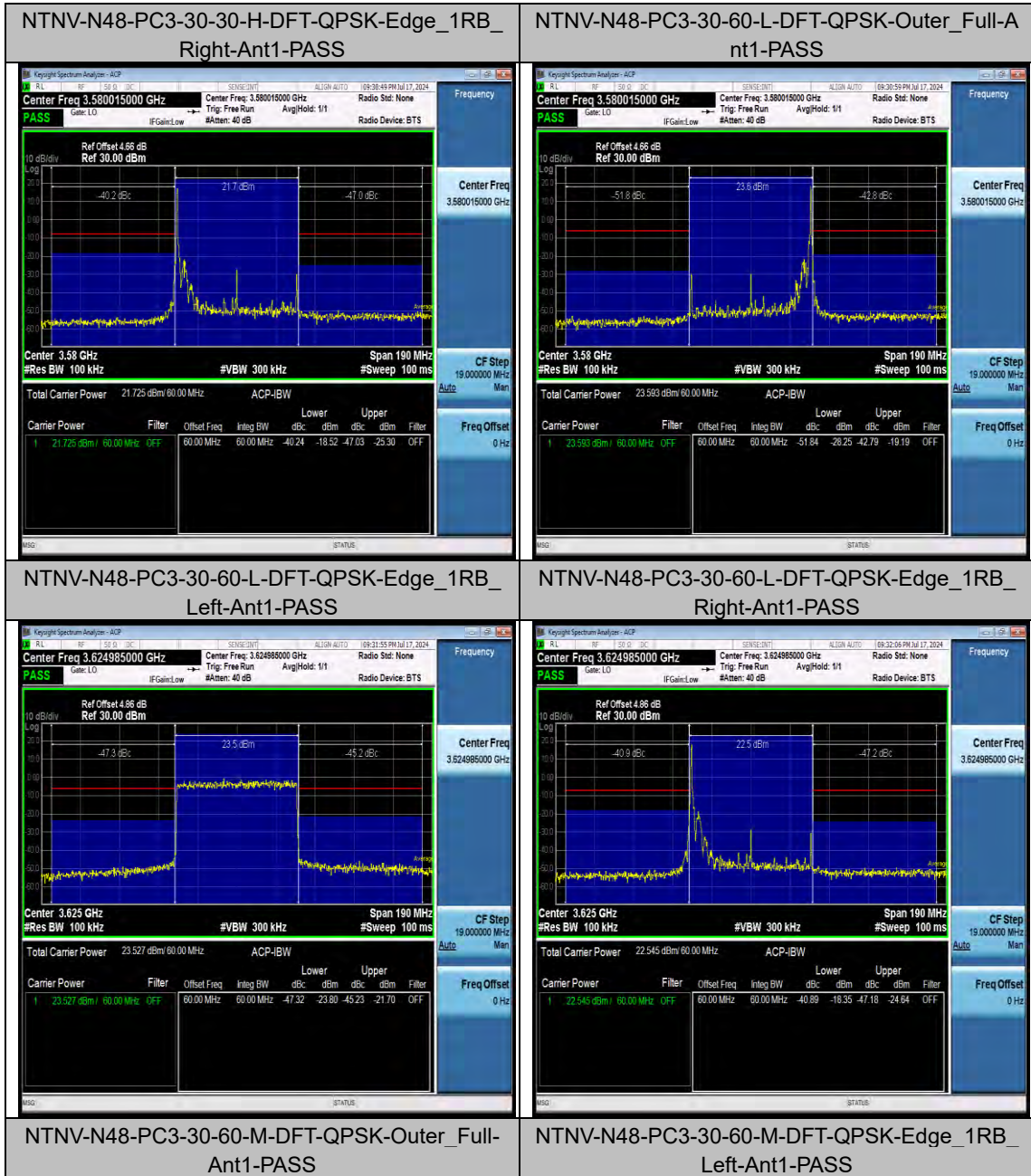
Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com



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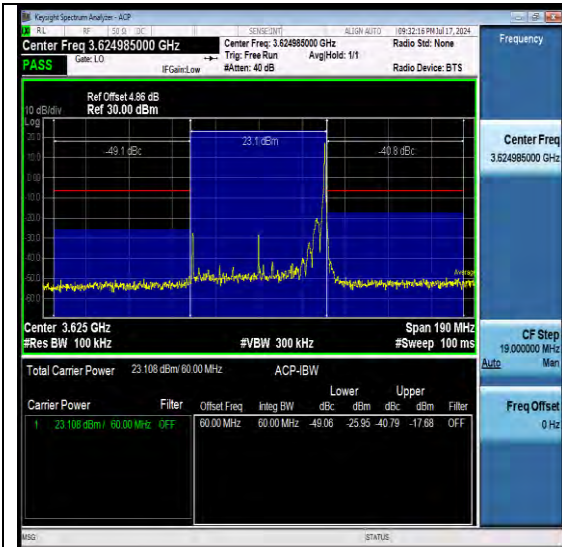
Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

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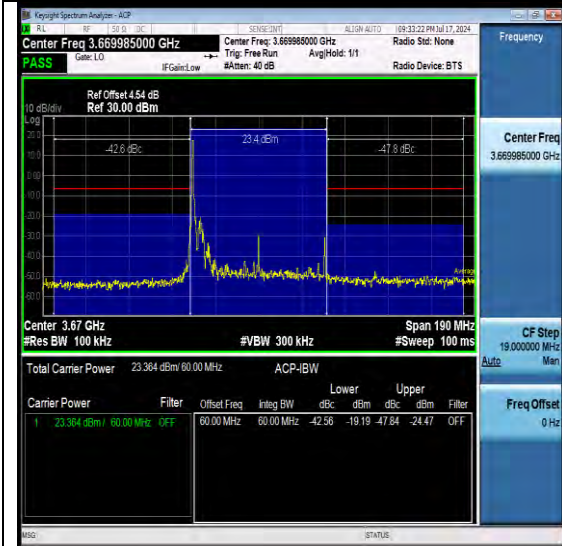
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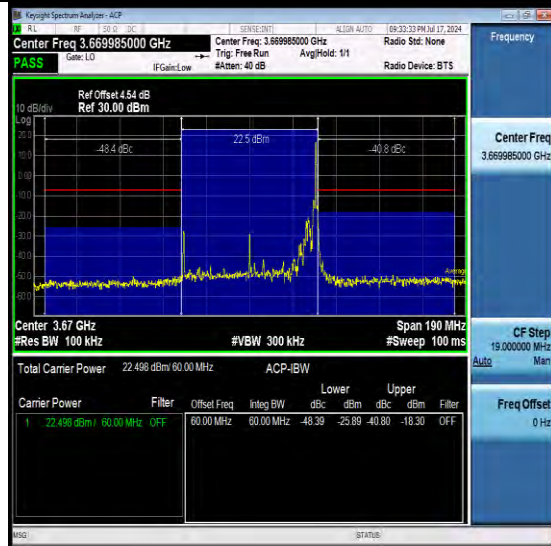
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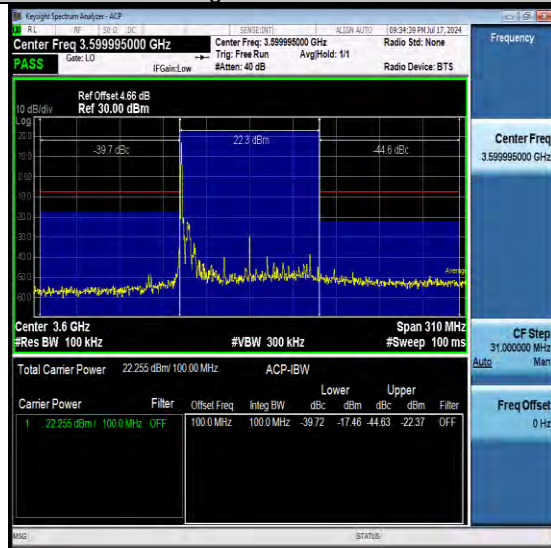
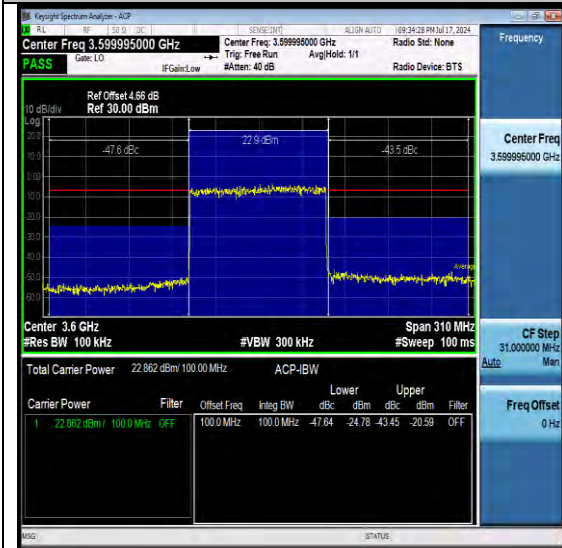
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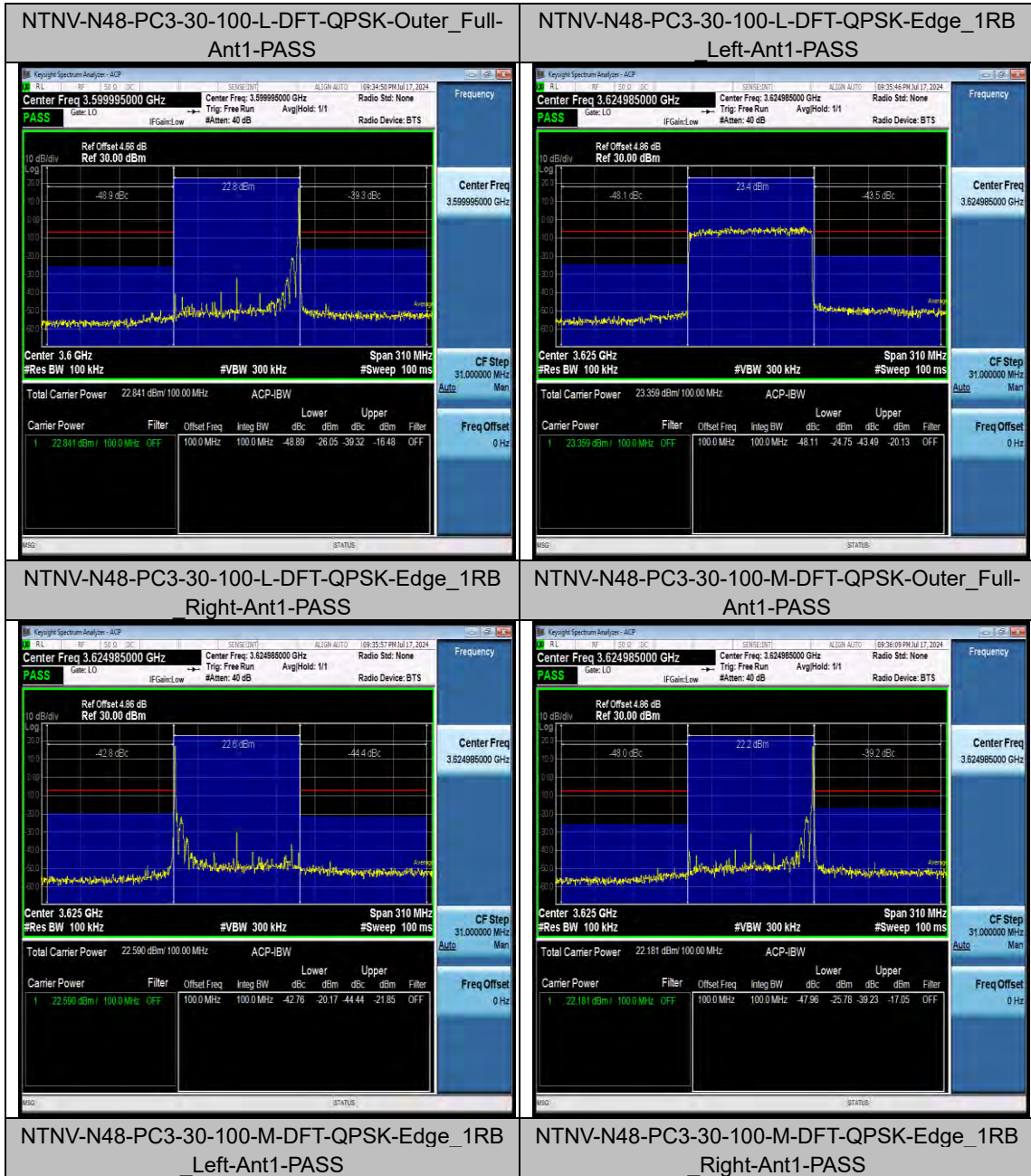
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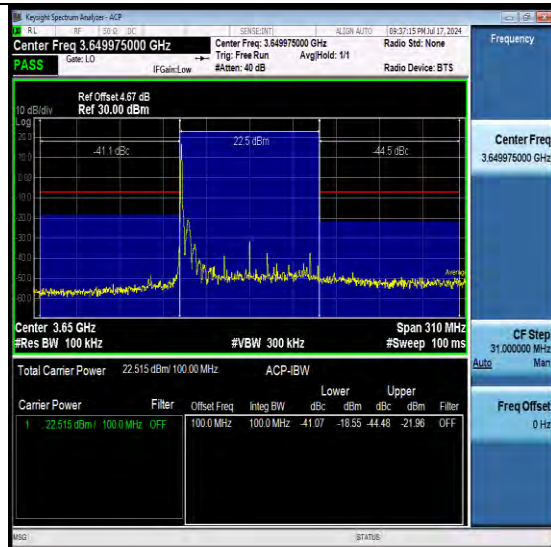


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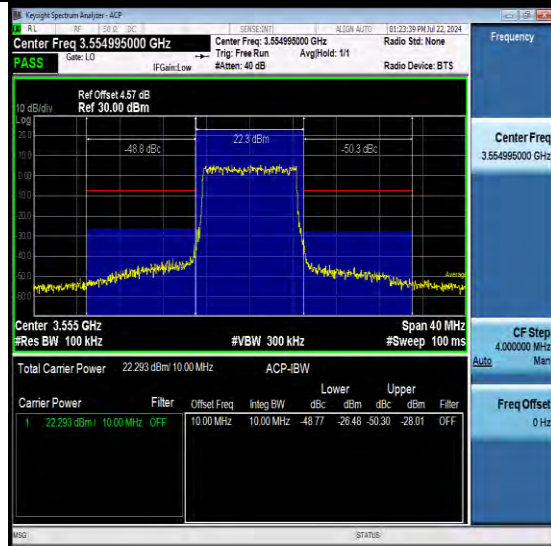
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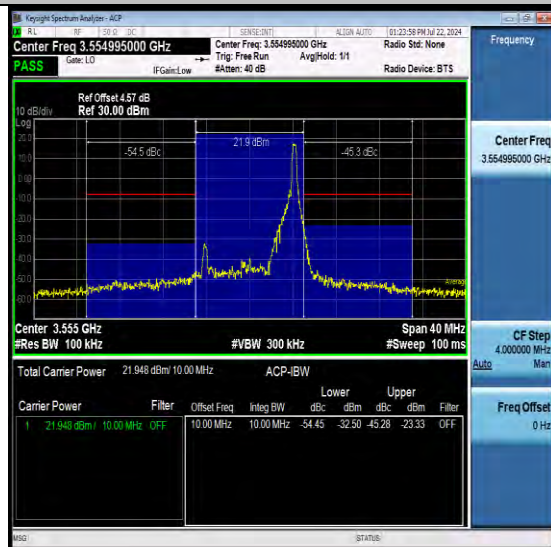
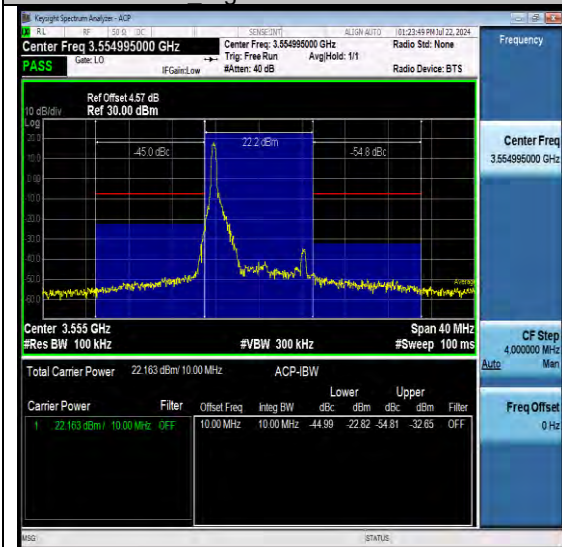
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NTNV-N48-PC3-30-100-H-DFT-QPSK-Edge_1RB Right-Ant1-PASS



NTNV-N48-PC3-30-10-L-DFT-QPSK-Outer_Full-Ant1-PASS



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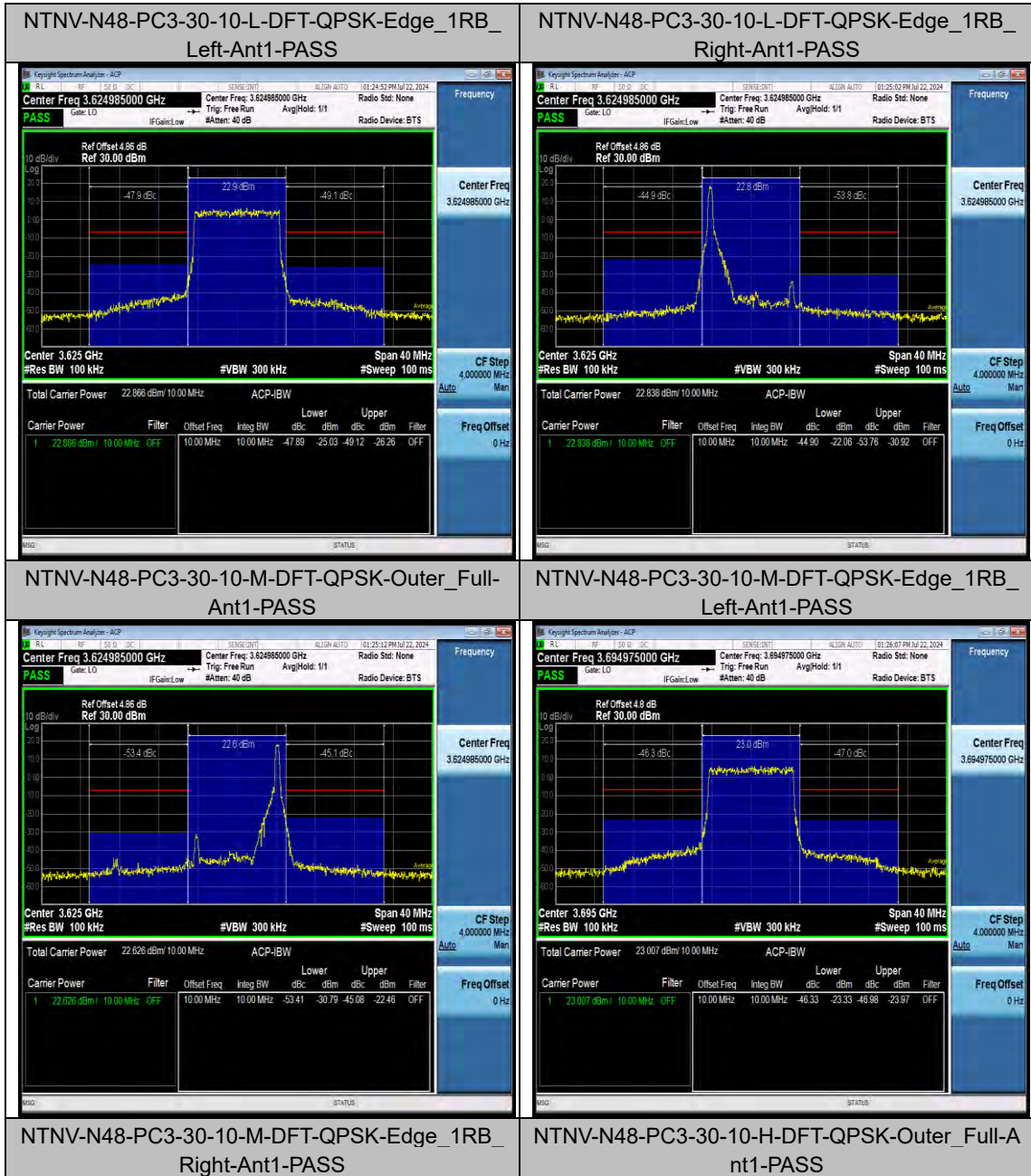
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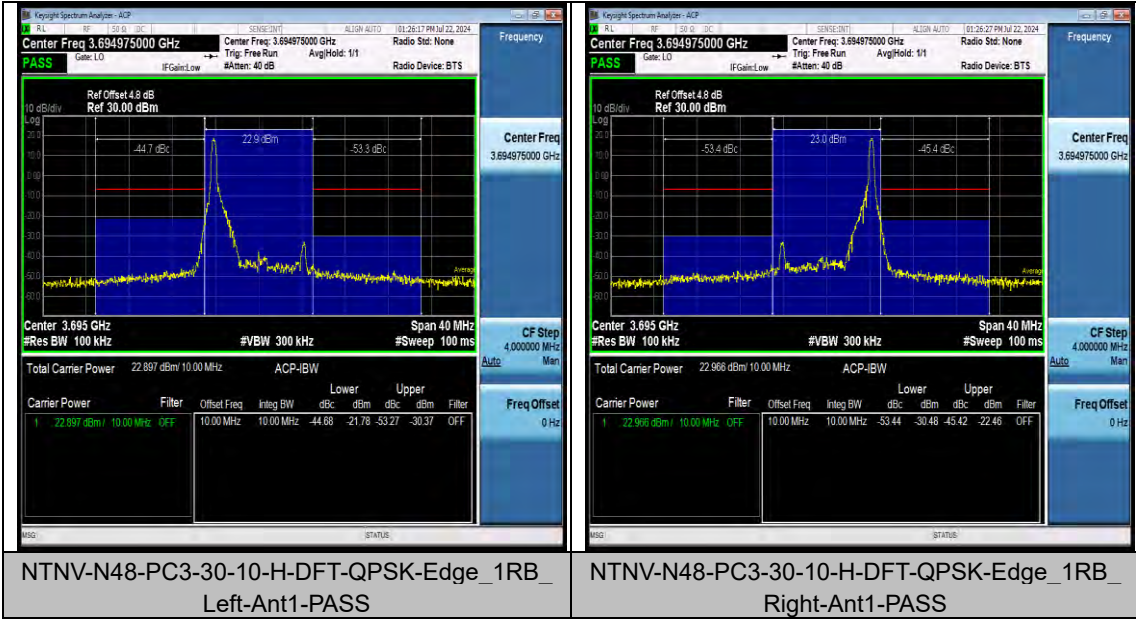
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NTNV-N48-PC3-30-10-H-DFT-QPSK-Edge_1RB_
Left-Ant1-PASS

NTNV-N48-PC3-30-10-H-DFT-QPSK-Edge_1RB_
Right-Ant1-PASS

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BAND EDGE FOR SA TEST RESULT

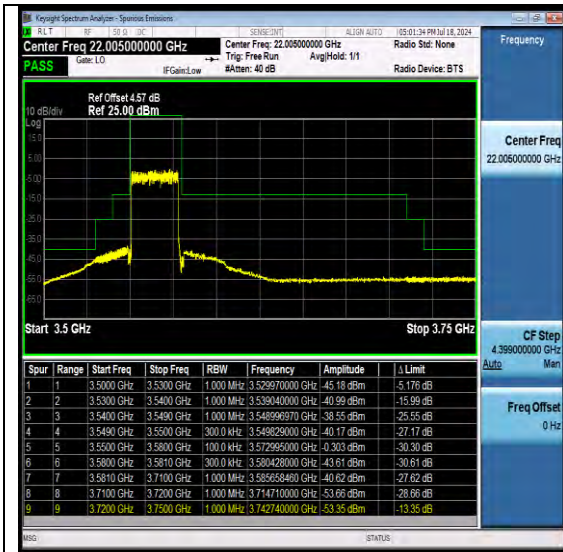
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N48	30	30	DFT-QPSK	L	Outer_Full	-45.18	PASS
N48	30	30	DFT-QPSK	L	Edge_1RB_Left	-51.40	PASS
N48	30	30	DFT-QPSK	L	Edge_1RB_Right	-46.40	PASS
N48	30	30	DFT-QPSK	M	Outer_Full	-53.46	PASS
N48	30	30	DFT-QPSK	H	Outer_Full	-41.87	PASS
N48	30	60	DFT-QPSK	L	Outer_Full	-47.32	PASS
N48	30	60	DFT-QPSK	M	Outer_Full	-49.45	PASS
N48	30	60	DFT-QPSK	H	Outer_Full	-43.20	PASS
N48	30	100	DFT-QPSK	L	Outer_Full	-45.10	PASS
N48	30	100	DFT-QPSK	M	Outer_Full	-43.16	PASS
N48	30	100	DFT-QPSK	H	Outer_Full	-42.77	PASS
N48	30	30	DFT-QPSK	M	Edge_1RB_Left	-53.15	PASS
N48	30	30	DFT-QPSK	H	Edge_1RB_Left	-46.32	PASS
N48	30	60	DFT-QPSK	L	Edge_1RB_Left	-51.39	PASS
N48	30	60	DFT-QPSK	M	Edge_1RB_Left	-53.27	PASS
N48	30	60	DFT-QPSK	H	Edge_1RB_Left	-48.24	PASS
N48	30	100	DFT-QPSK	L	Edge_1RB_Left	-44.43	PASS
N48	30	100	DFT-QPSK	M	Edge_1RB_Left	-51.75	PASS
N48	30	100	DFT-QPSK	H	Edge_1RB_Left	-43.90	PASS
N48	30	30	DFT-QPSK	M	Edge_1RB_Right	-53.16	PASS
N48	30	30	DFT-QPSK	H	Edge_1RB_Right	-49.31	PASS
N48	30	60	DFT-QPSK	L	Edge_1RB_Right	-51.42	PASS
N48	30	60	DFT-QPSK	M	Edge_1RB_Right	-53.25	PASS
N48	30	60	DFT-QPSK	H	Edge_1RB_Right	-46.96	PASS
N48	30	100	DFT-QPSK	L	Edge_1RB_Right	-46.66	PASS
N48	30	100	DFT-QPSK	M	Edge_1RB_Right	-45.34	PASS
N48	30	100	DFT-QPSK	H	Edge_1RB_Right	-43.28	PASS
N48	30	10	DFT-QPSK	L	Outer_Full	-54.01	PASS
N48	30	10	DFT-QPSK	L	Edge_1RB_Left	-53.74	PASS
N48	30	10	DFT-QPSK	L	Edge_1RB_Right	-54.24	PASS
N48	30	10	DFT-QPSK	M	Outer_Full	-53.86	PASS
N48	30	10	DFT-QPSK	M	Edge_1RB_Left	-53.34	PASS
N48	30	10	DFT-QPSK	M	Edge_1RB_Right	-53.64	PASS
N48	30	10	DFT-QPSK	H	Outer_Full	-54.33	PASS
N48	30	10	DFT-QPSK	H	Edge_1RB_Left	-53.95	PASS
N48	30	10	DFT-QPSK	H	Edge_1RB_Right	-53.47	PASS



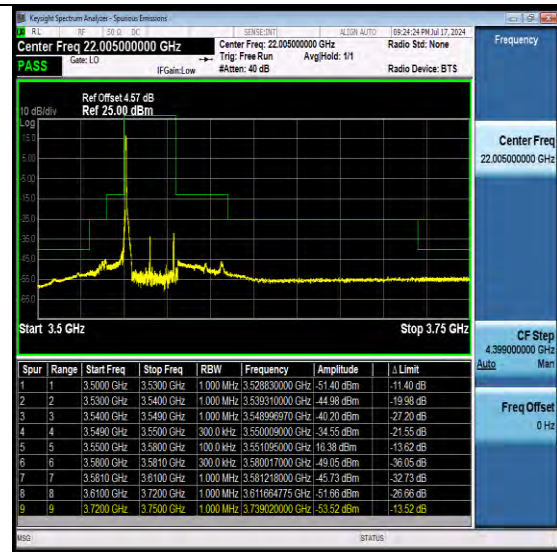
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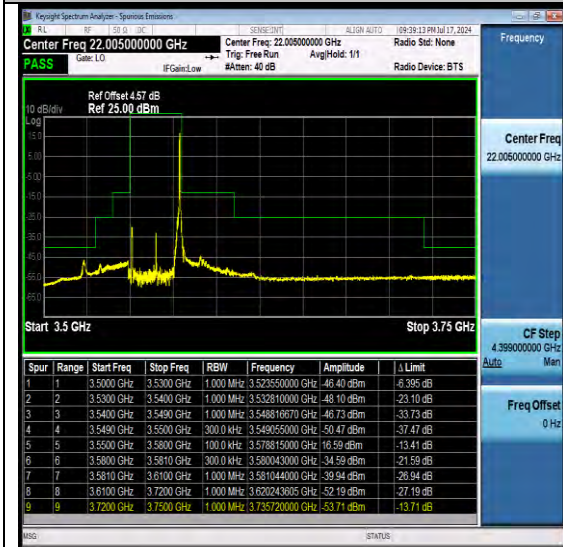
TEST GRAPHS



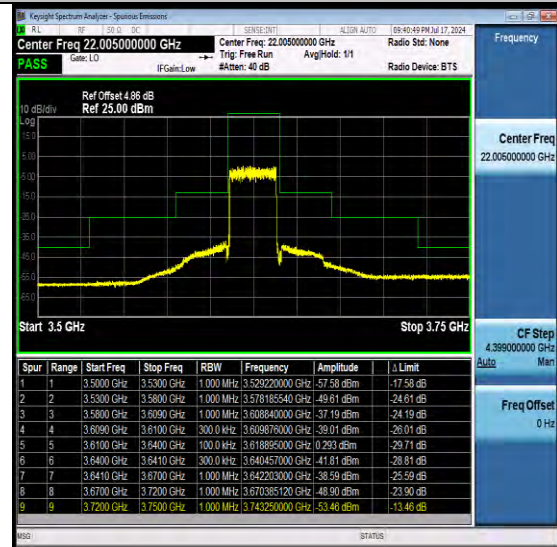
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nt1-PASS



NTVN-N48-PC3-30-30-L-DFT-QPSK-Edge_1RB_
Left-Ant1-PASS



NTVN-N48-PC3-30-30-L-DFT-QPSK-Edge_1RB_
Right-Ant1-PASS



NTVN-N48-PC3-30-30-M-DFT-QPSK-Outer_Full-
Ant1-PASS

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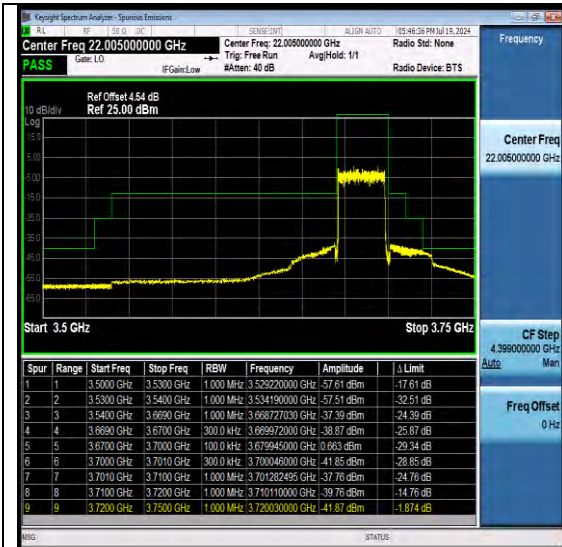
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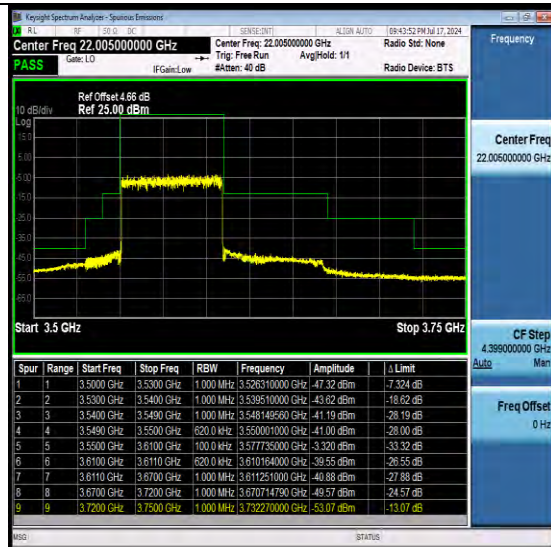


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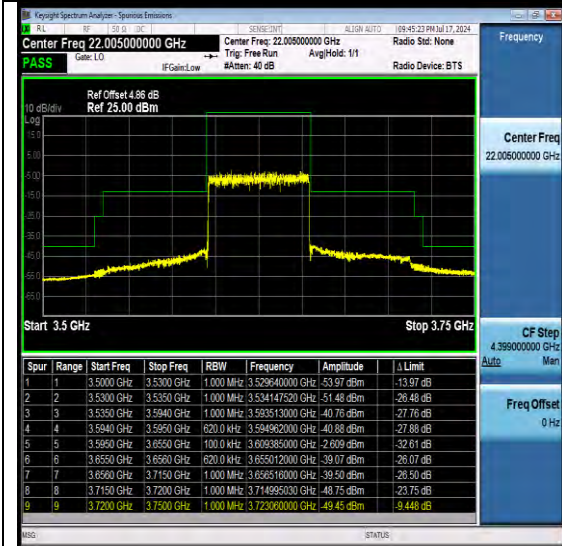
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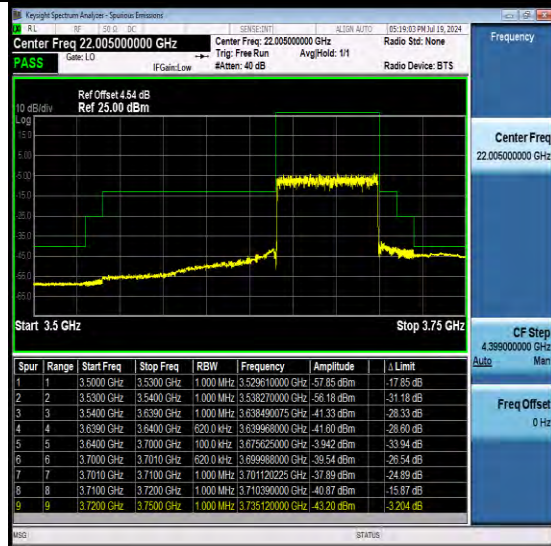
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nt1-PASS



NTNV-N48-PC3-30-60-L-DFT-QPSK-Outer_Full-A
nt1-PASS



NTNV-N48-PC3-30-60-M-DFT-QPSK-Outer_Full-A
Ant1-PASS



NTNV-N48-PC3-30-60-H-DFT-QPSK-Outer_Full-A
nt1-PASS



NTNV-N48-PC3-30-60-M-DFT-QPSK-Outer_Full-A
Ant1-PASS



NTNV-N48-PC3-30-60-H-DFT-QPSK-Outer_Full-A
nt1-PASS

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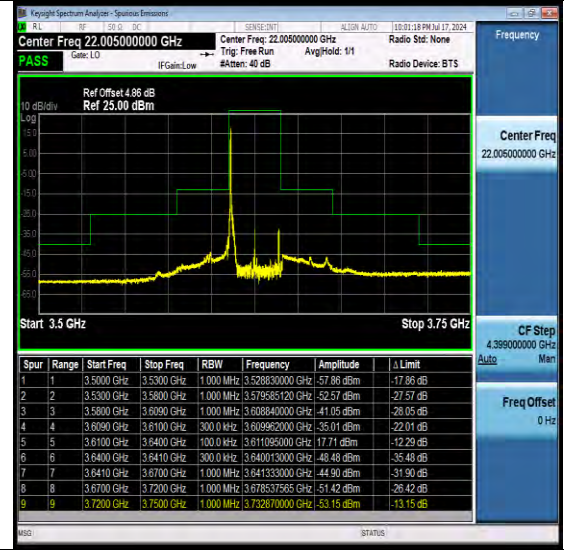
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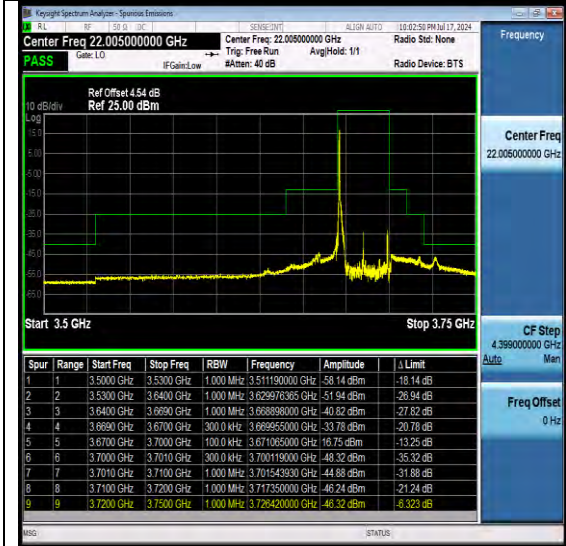
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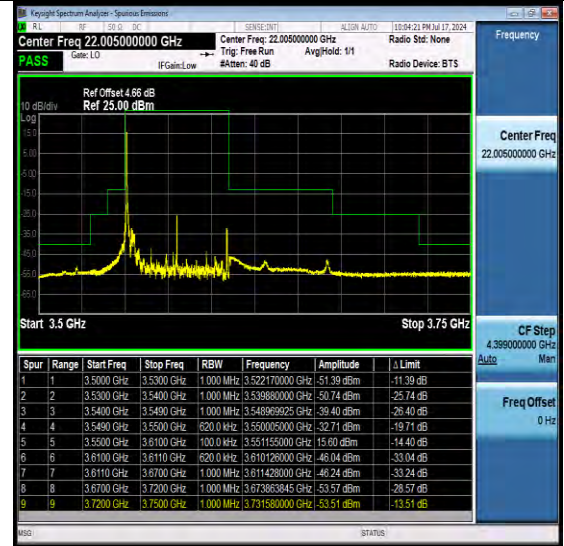
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NTNV-N48-PC3-30-100-H-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N48-PC3-30-30-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N48-PC3-30-30-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N48-PC3-30-60-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

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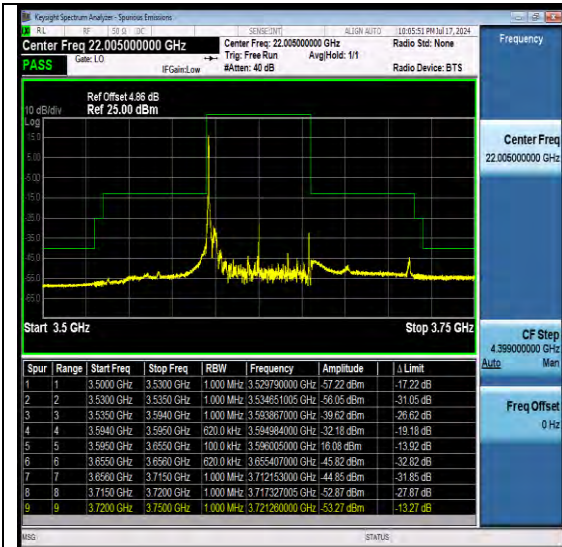
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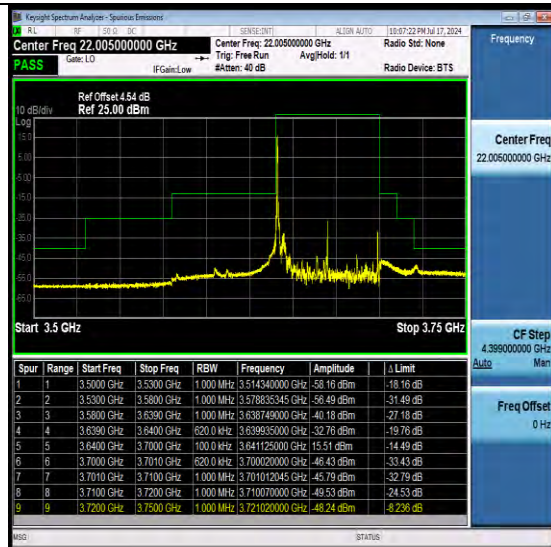


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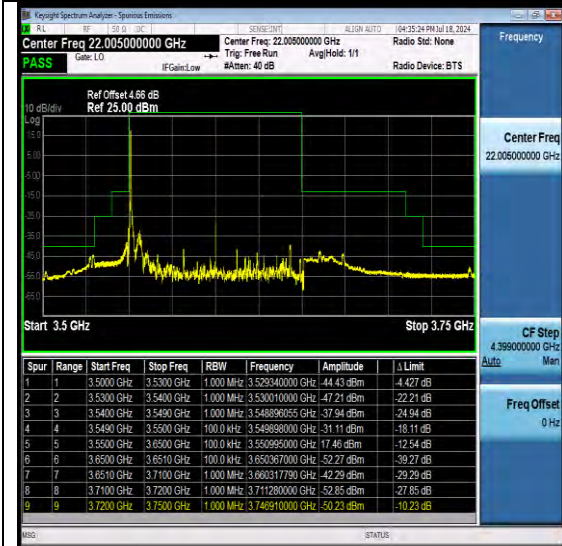
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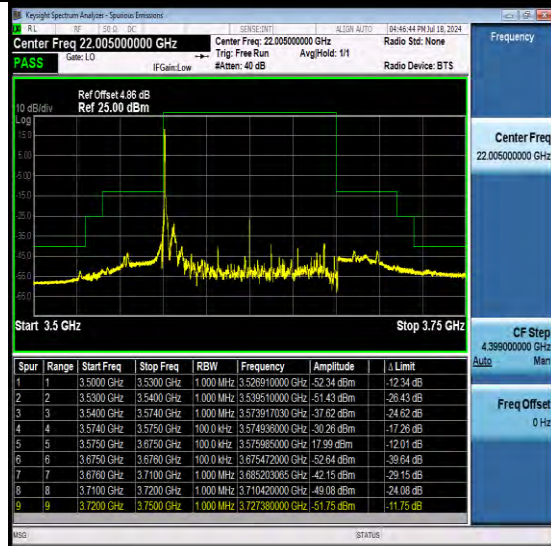
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Left-Ant1-PASS



NTNV-N48-PC3-30-60-H-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



NTNV-N48-PC3-30-100-L-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



NTNV-N48-PC3-30-100-M-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



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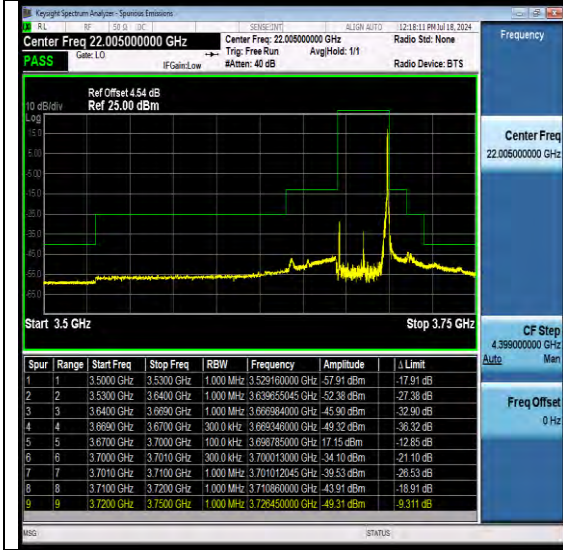
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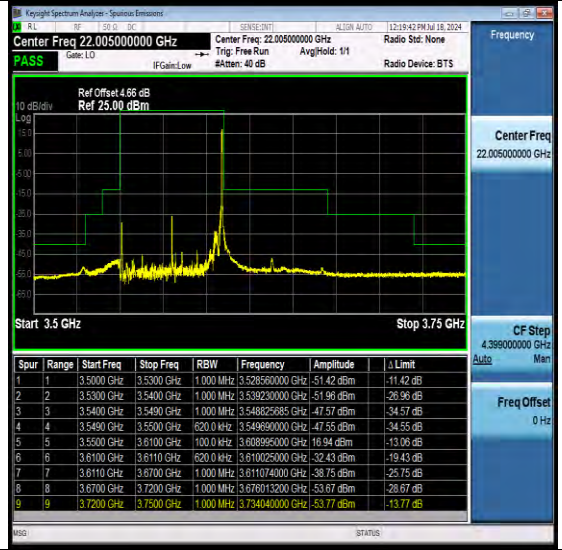
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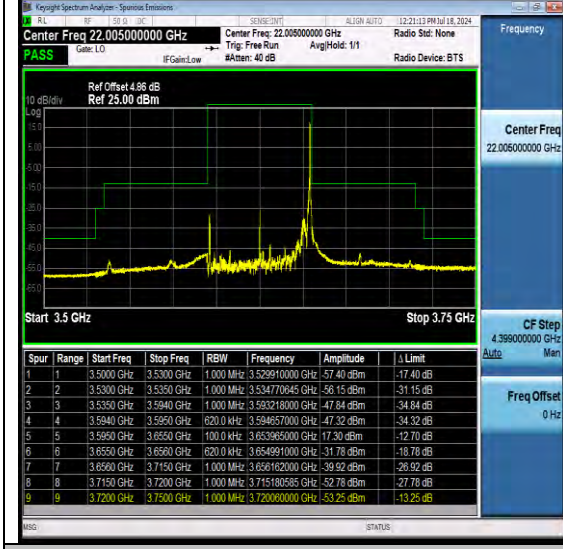
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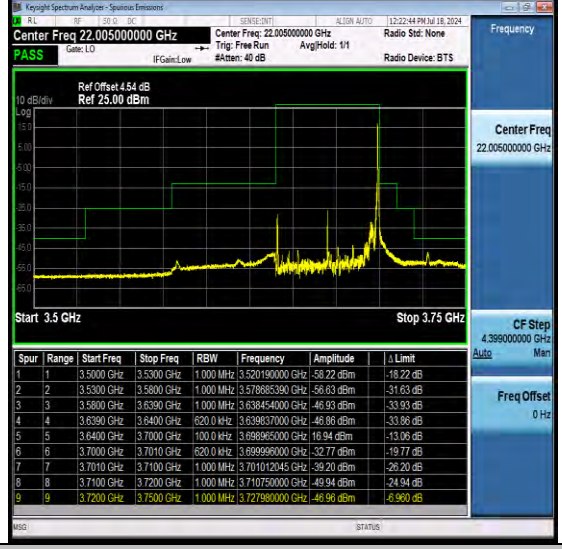
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NTNV-N48-PC3-30-60-L-DFT-QPSK-Edge_1RB_ Right-Ant1-PASS



NTNV-N48-PC3-30-60-M-DFT-QPSK-Edge_1RB_ Right-Ant1-PASS

NTNV-N48-PC3-30-60-H-DFT-QPSK-Edge_1RB_ Right-Ant1-PASS

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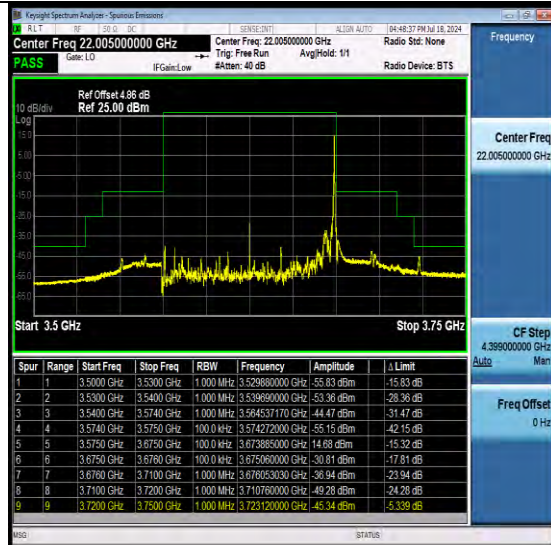


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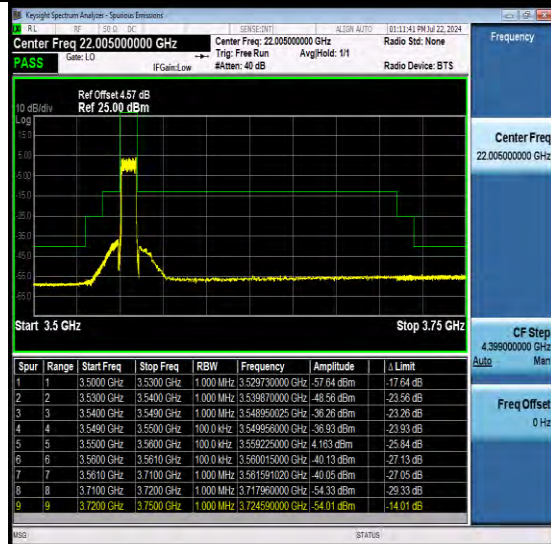
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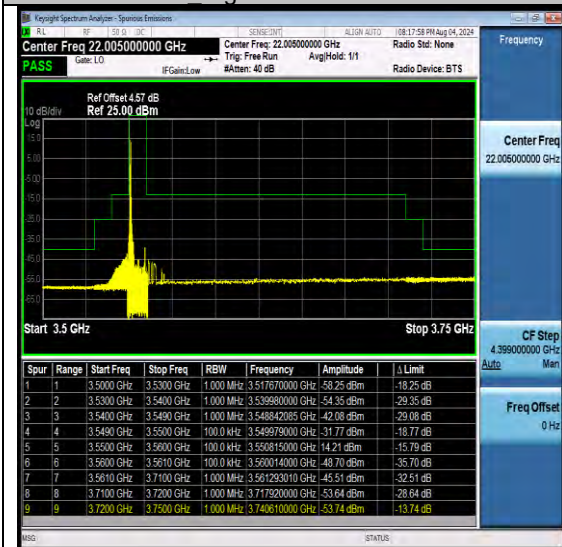
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NTNV-N48-PC3-30-100-H-DFT-QPSK-Edge_1RB Right-Ant1-PASS



NTNV-N48-PC3-30-10-L-DFT-QPSK-Outer_Full-Ant1-PASS



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