

**N5****PEAK-TO-AVERAGE RATIO FOR SA****PEAK-TO-AVERAGE RATIO(CCDF)****TEST RESULT**

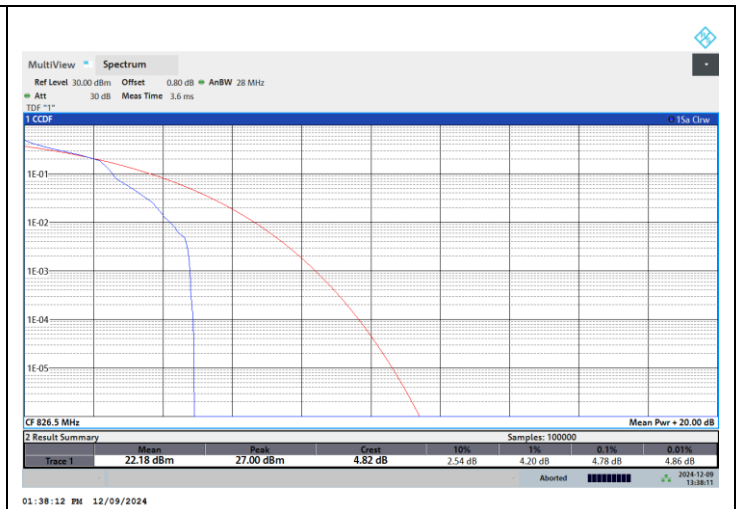
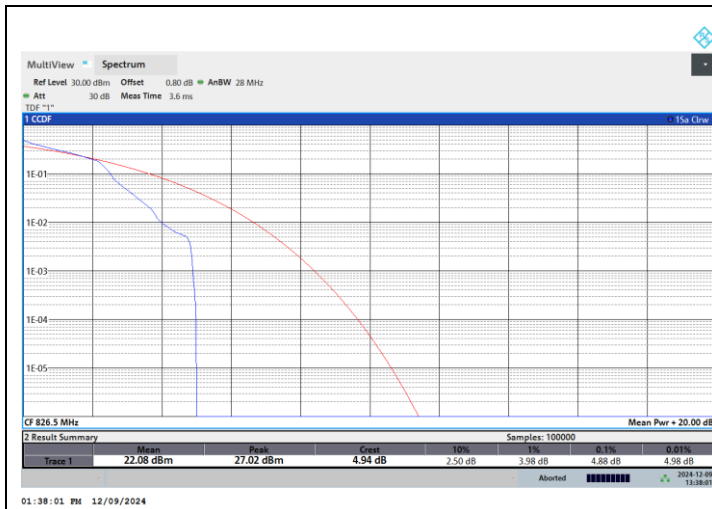
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	4.88	≤13	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	4.78	≤13	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	5.00	≤13	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Left	4.90	≤13	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	5.10	≤13	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Left	5.10	≤13	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	4.22	≤13	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	4.80	≤13	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	4.78	≤13	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Left	4.86	≤13	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	4.68	≤13	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Left	4.60	≤13	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	4.86	≤13	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Left	4.86	≤13	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	4.82	≤13	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Left	4.70	≤13	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	4.90	≤13	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Left	4.92	≤13	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	4.16	≤13	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	4.18	≤13	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	4.06	≤13	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Left	4.14	≤13	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	4.14	≤13	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Left	4.14	≤13	PASS



BUREAU
VERITAS

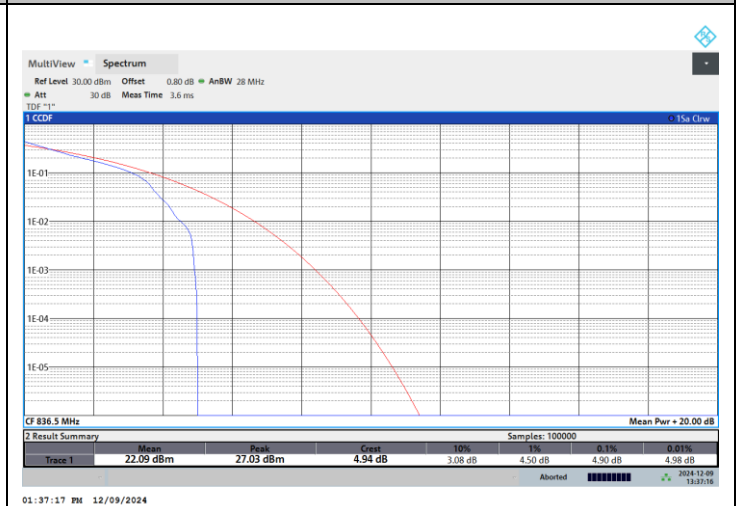
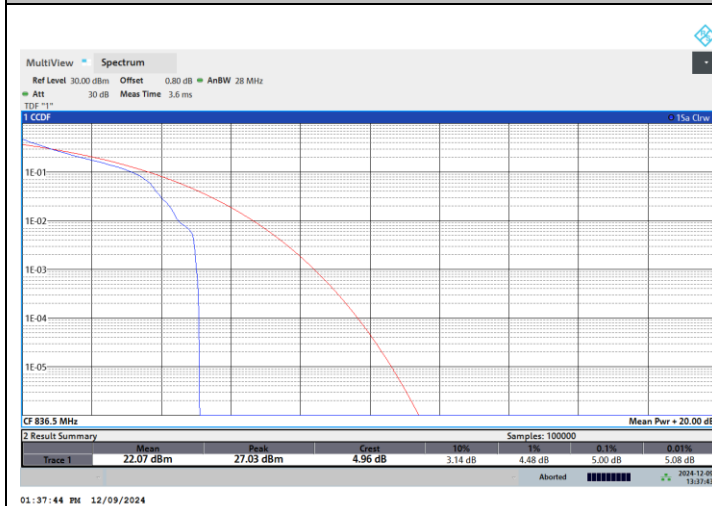
Test Report No.: PSU-QSU2411180418

TEST GRAPHS



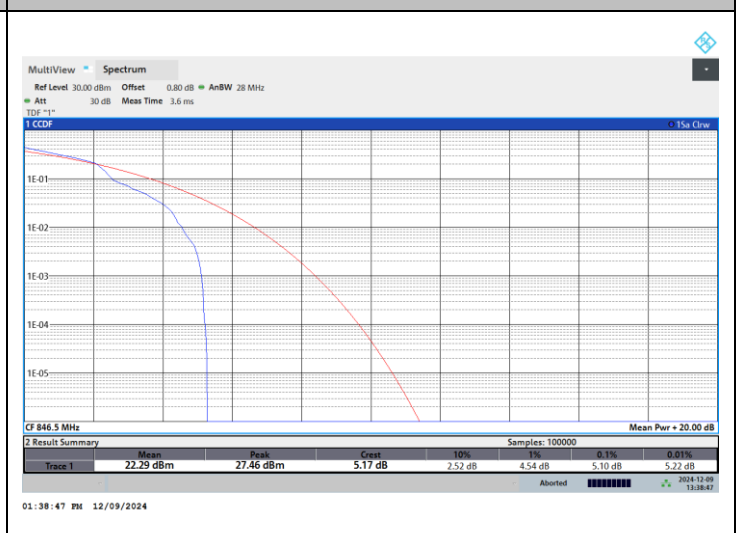
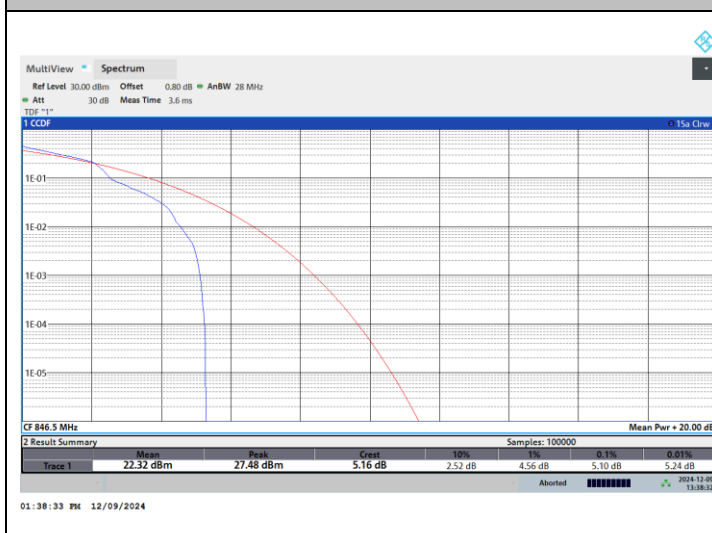
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NTNV-N5-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-N5-PC3-15-5-M-DFT-QPSK-Outer_Full-PASS

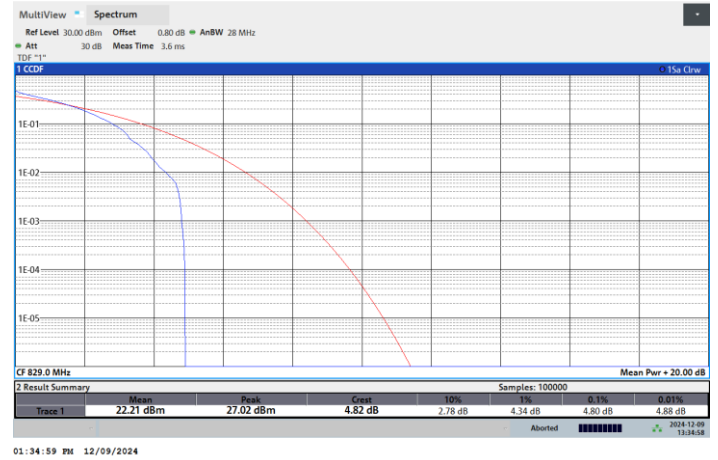
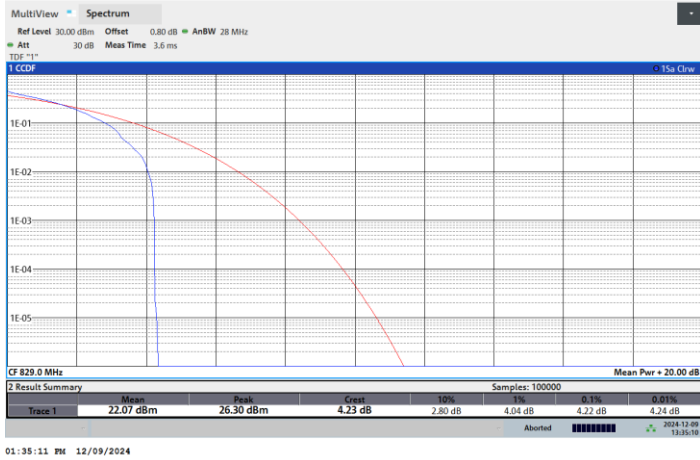
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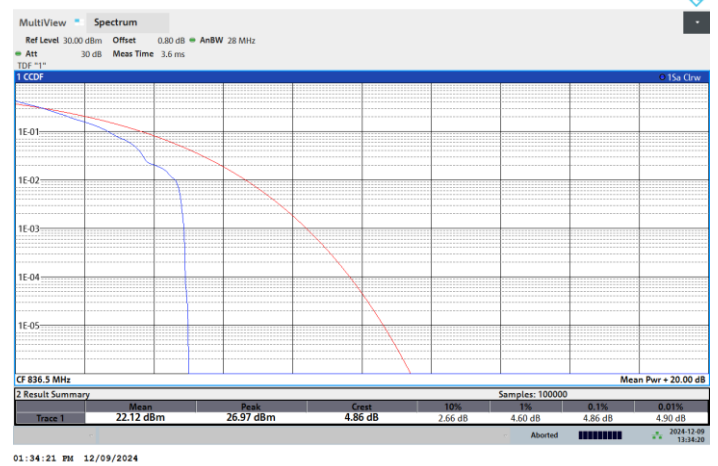
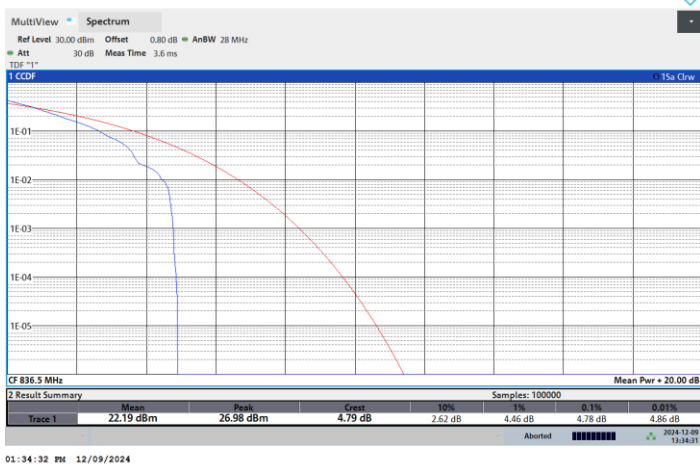
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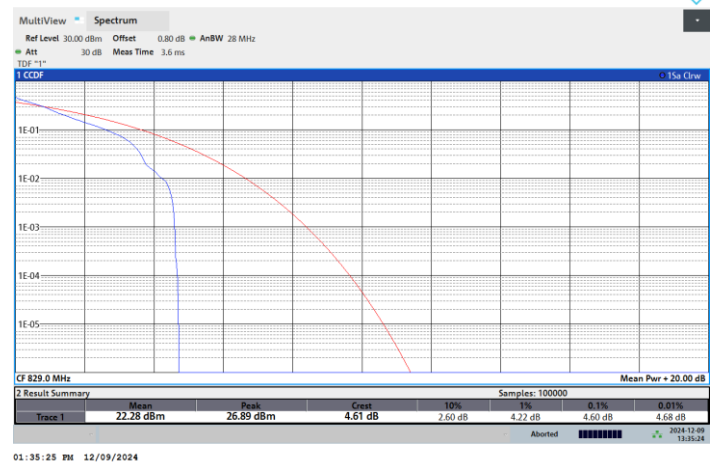
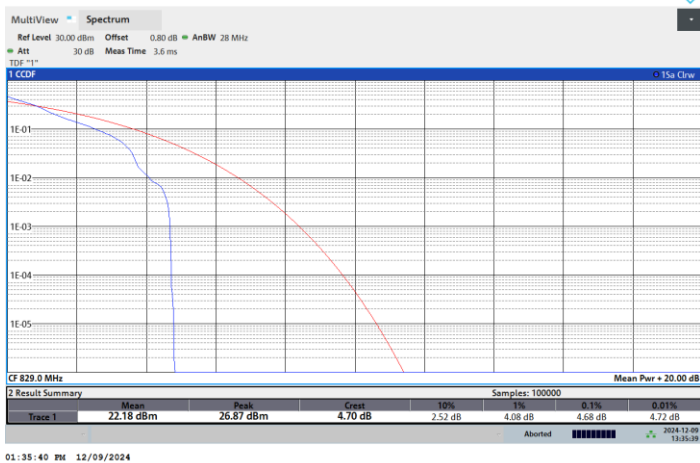
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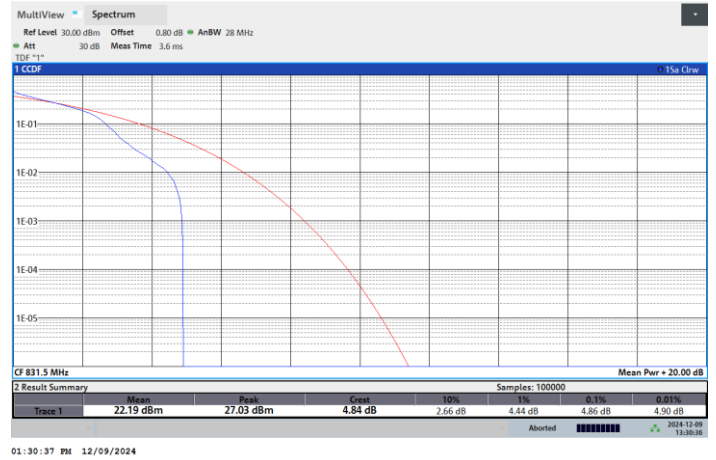
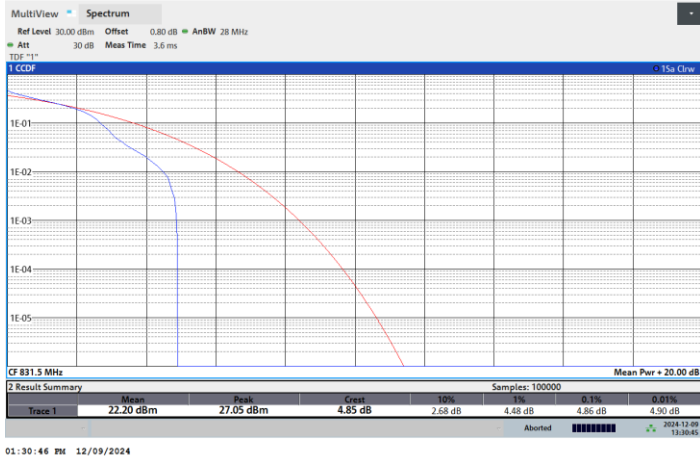
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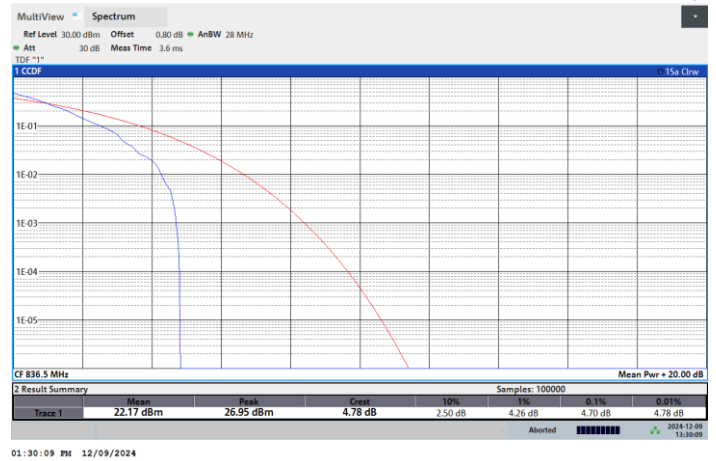
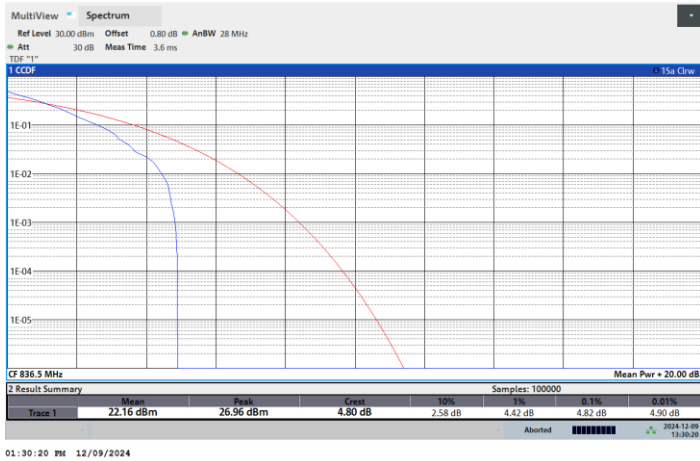
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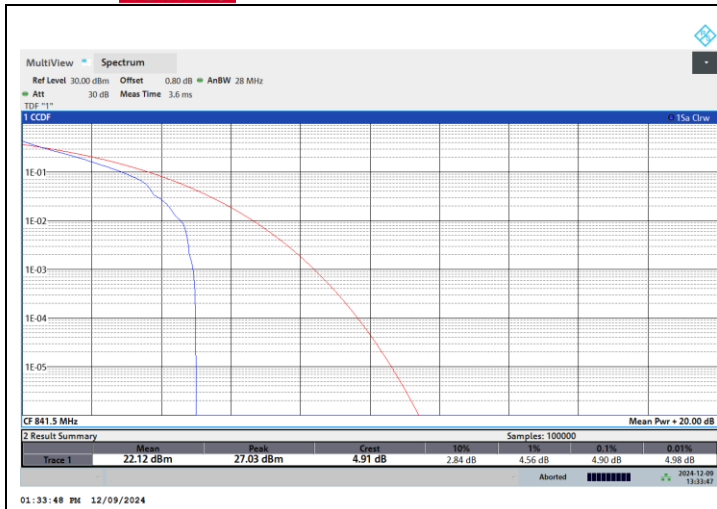
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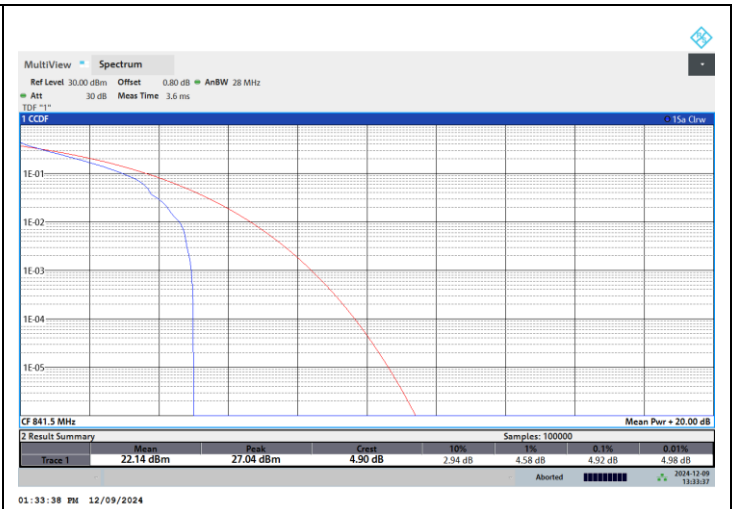


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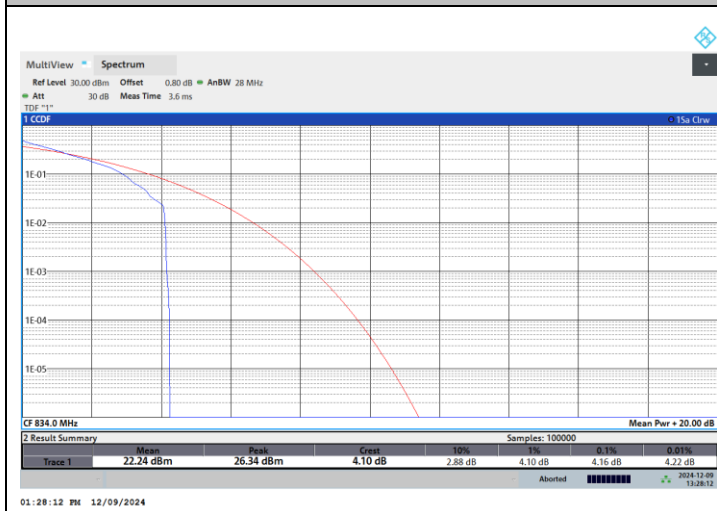
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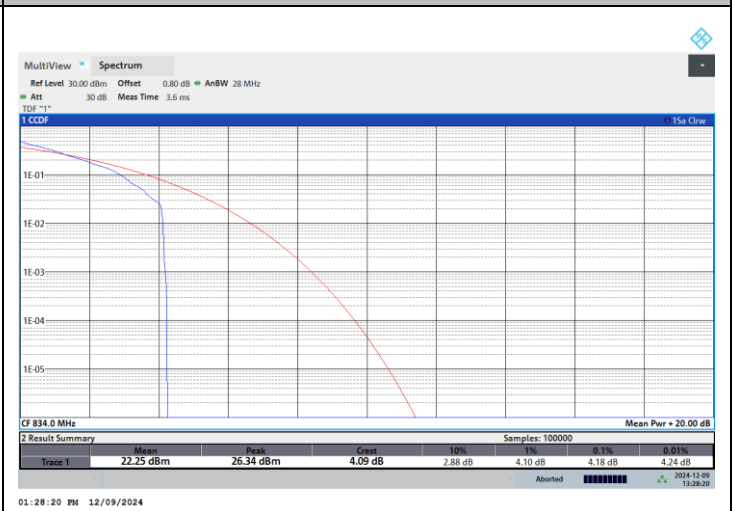
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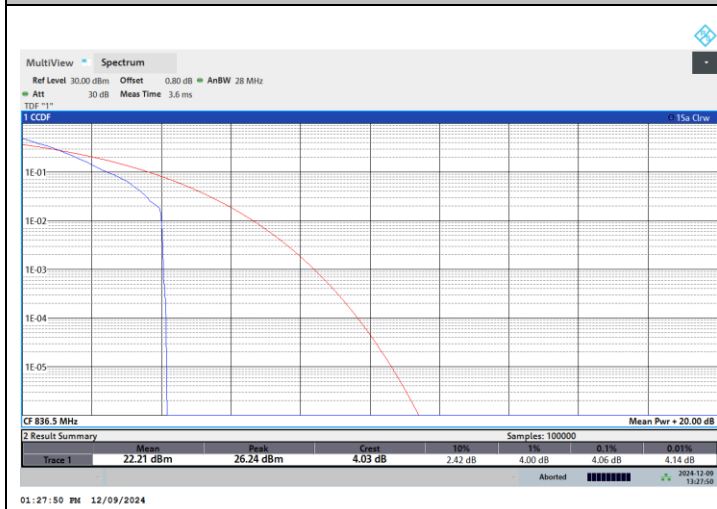
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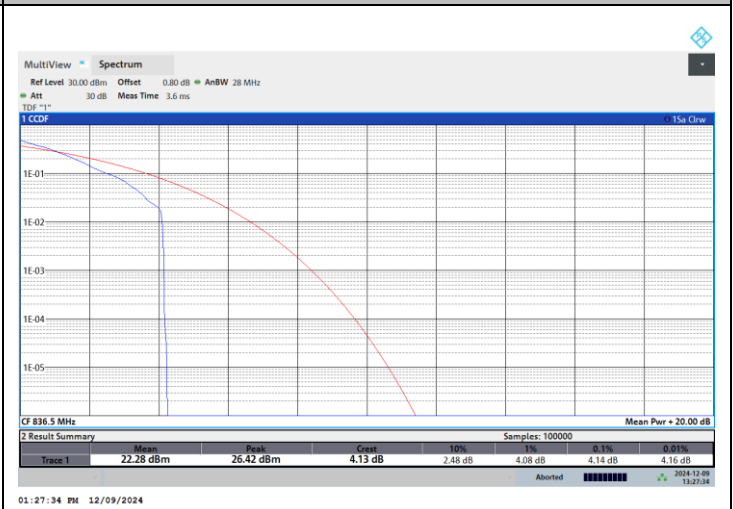
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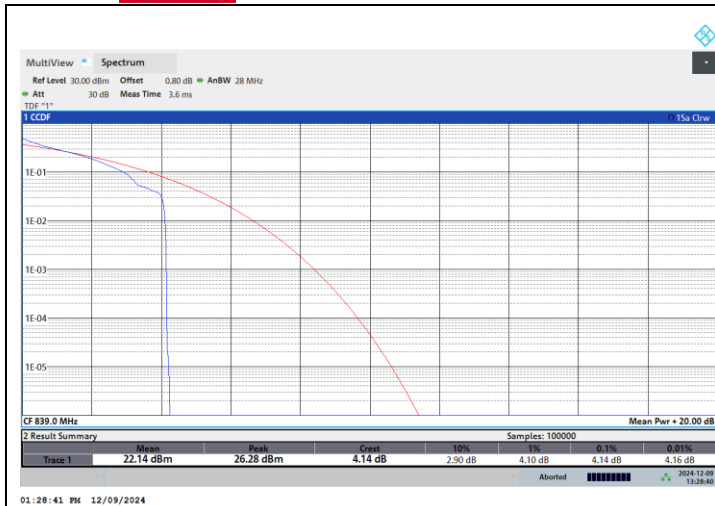
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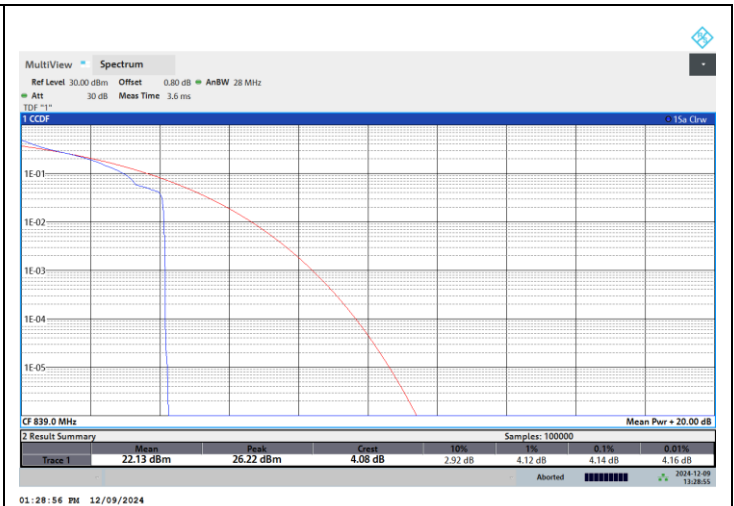
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NTNV-N5-PC3-15-20-M-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-N5-PC3-15-20-H-DFT-QPSK-Outer_Full-PASS



NTNV-N5-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
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.4871	4.942	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	4.4627	4.946	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.4662	5.092	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.4748	5.064	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.4706	4.921	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	8.9168	9.632	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	8.9042	9.665	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.9250	9.573	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	8.9248	9.523	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	8.9176	9.609	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	13.400	14.31	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	13.394	14.29	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.402	14.18	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	13.394	14.20	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	13.400	14.36	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	17.856	18.79	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.883	18.80	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	17.887	18.80	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	17.868	18.73	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	17.866	18.80	PASS



TEST GRAPHS

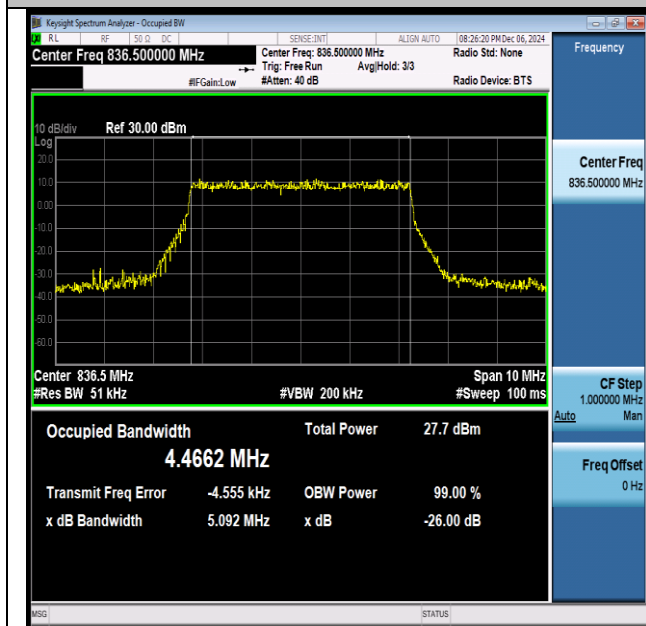


NTNV-N5-PC3-15-5-M-DFT-PI2BPSK-Outter_Full-Ant1-

PASS



NTNV-N5-PC3-15-5-M-DFT-QPSK-Outter_Full-Ant1-PASS



NTNV-N5-PC3-15-5-M-DFT-16QAM-Outter_Full-Ant1-PASS



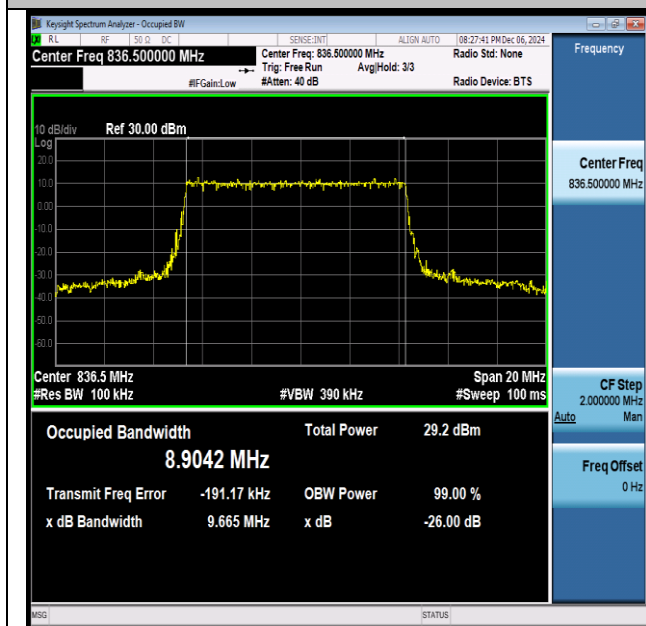
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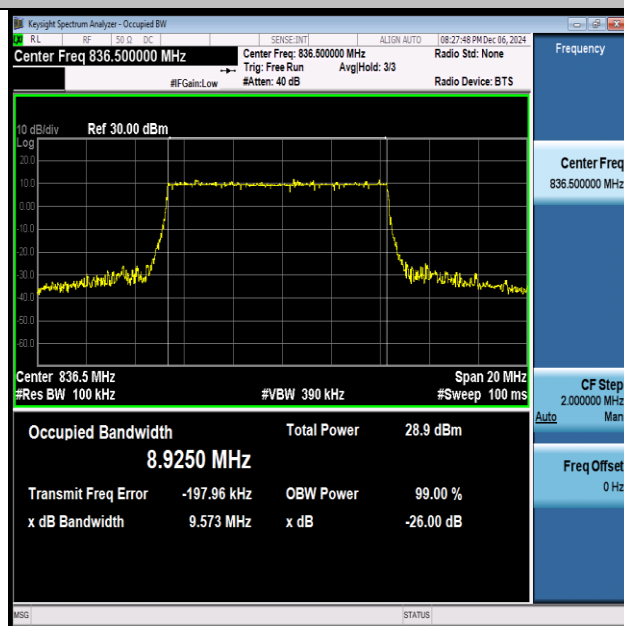
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NTNV-N5-PC3-15-10-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS



NTNV-N5-PC3-15-10-M-DFT-QPSK-Outer_Full-Ant1-PASS

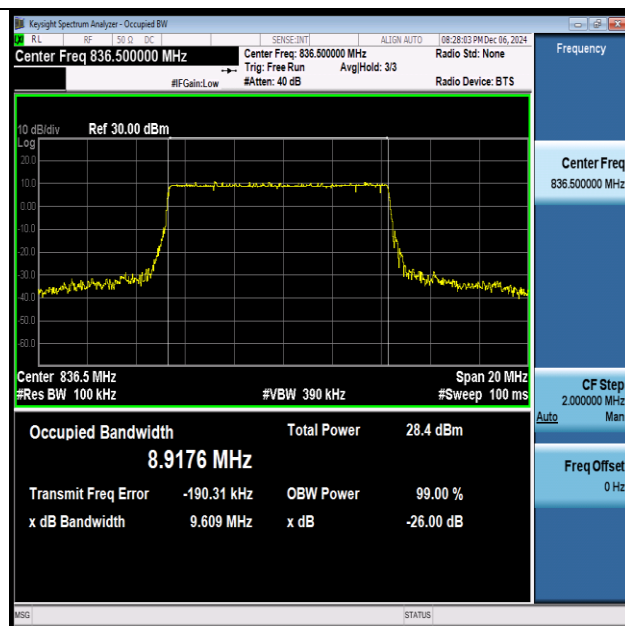


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PASS

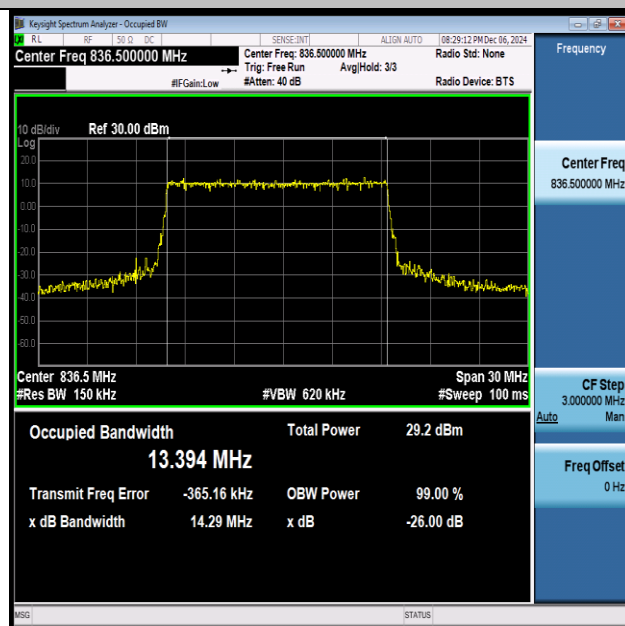


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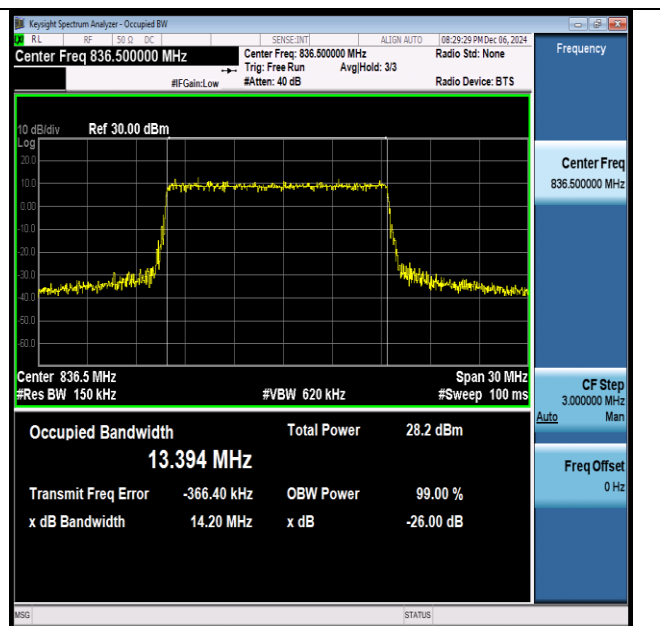


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PASS



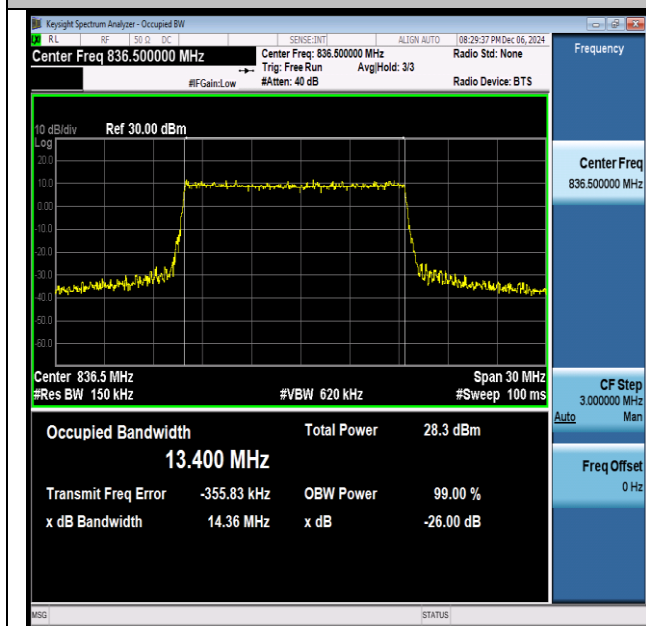
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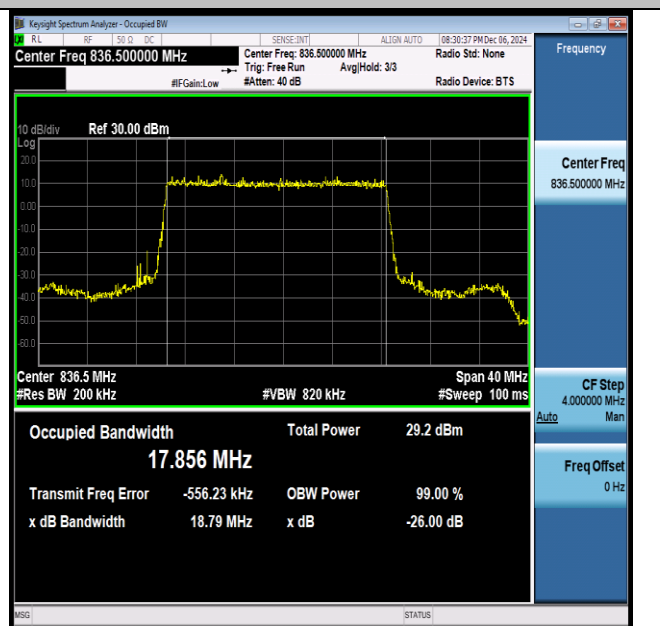
PASS

NTNV-N5-PC3-15-15-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-N5-PC3-15-15-M-DFT-256QAM-Outer_Full-Ant1-

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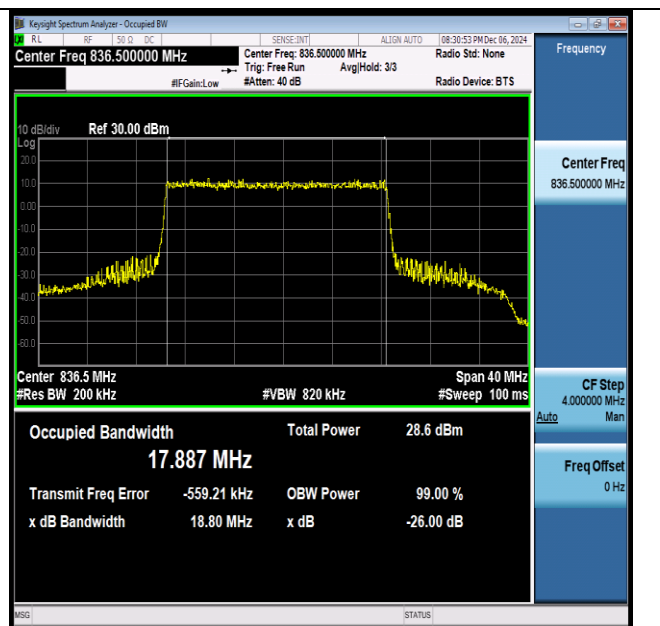


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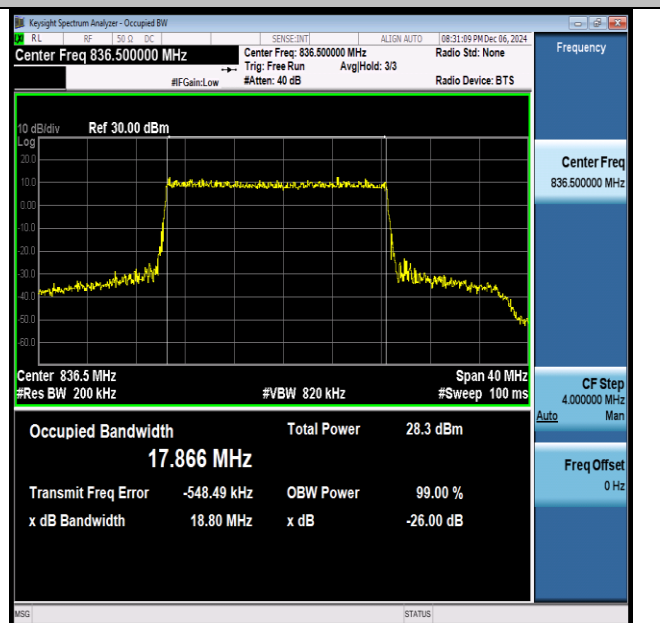
BUREAU
VERITAS

Test Report No.: PSU-QSU2411180418



NTNV-N5-PC3-15-20-M-DFT-QPSK-Outer_Full-Ant1-PASS

NTNV-N5-PC3-15-20-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-N5-PC3-15-20-M-DFT-64QAM-Outer_Full-Ant1-

PASS

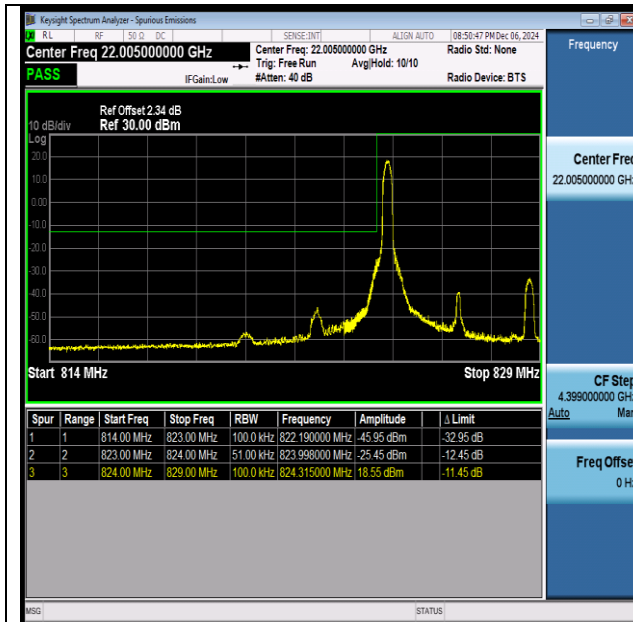
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**BAND EDGE FOR SA****TEST RESULT**

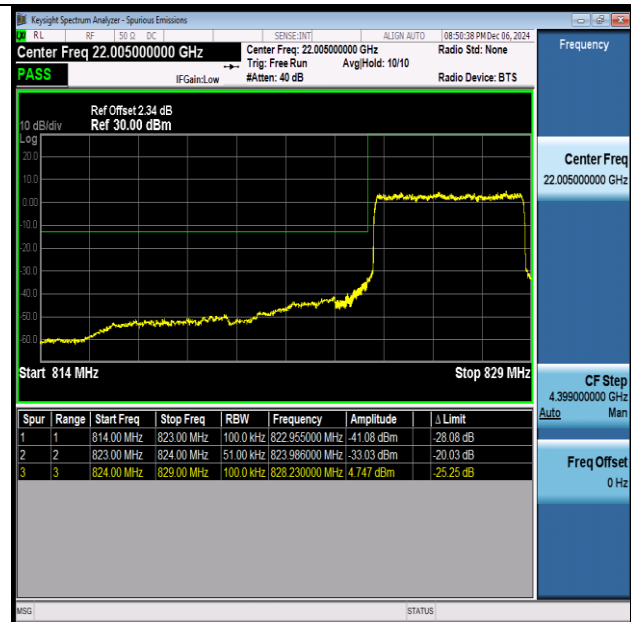
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	-25.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	-33.03	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Right	-24.18	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	-31.36	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	-29.83	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	-35.92	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Right	-29.33	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	-38.81	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Left	-33.12	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	-35.18	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Right	-32.74	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	-38.15	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	-35.88	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	-36.22	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Right	-35.86	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	-37.89	PASS



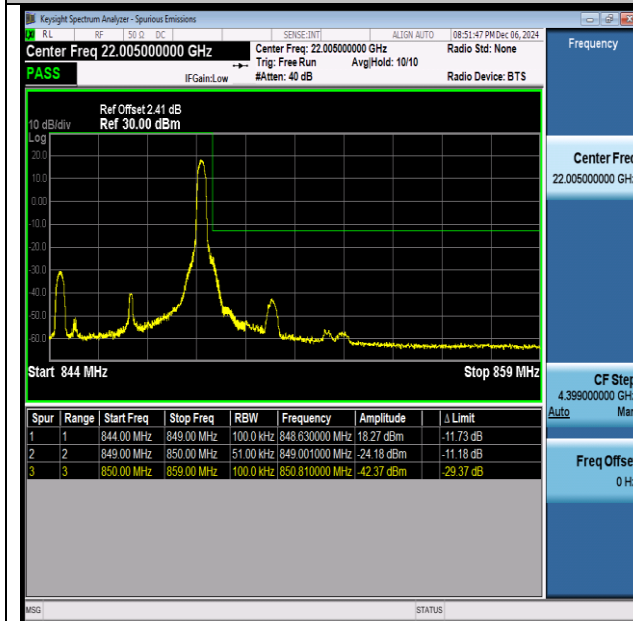
TEST GRAPHS



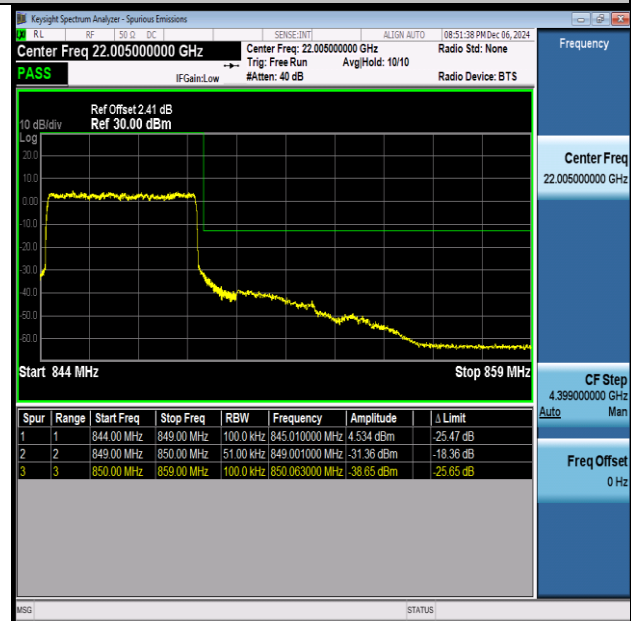
NTN-N5-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



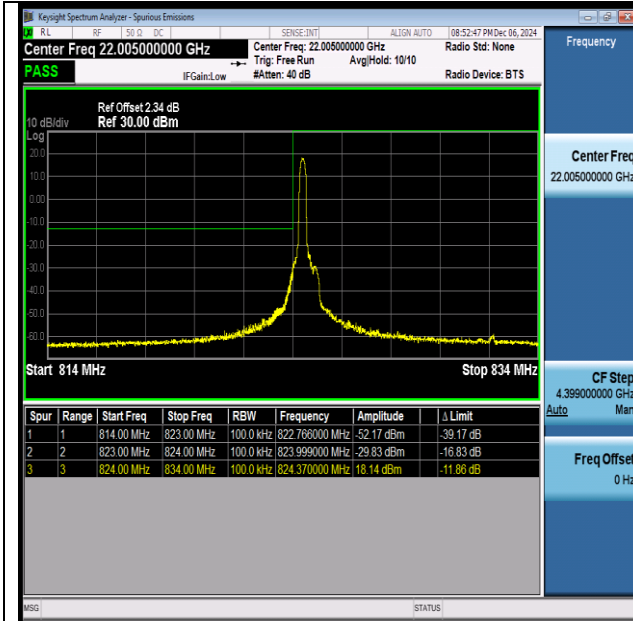
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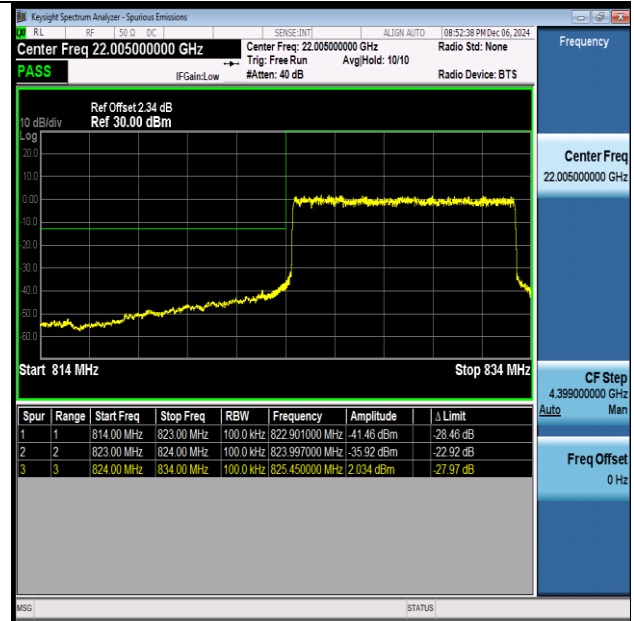
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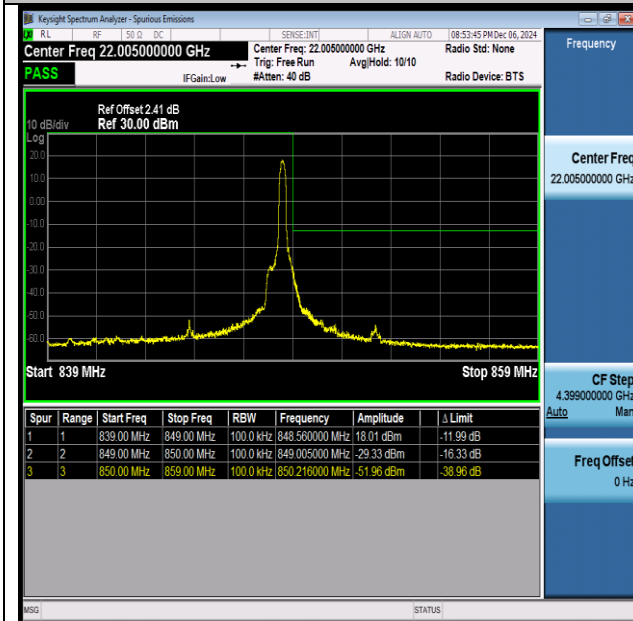
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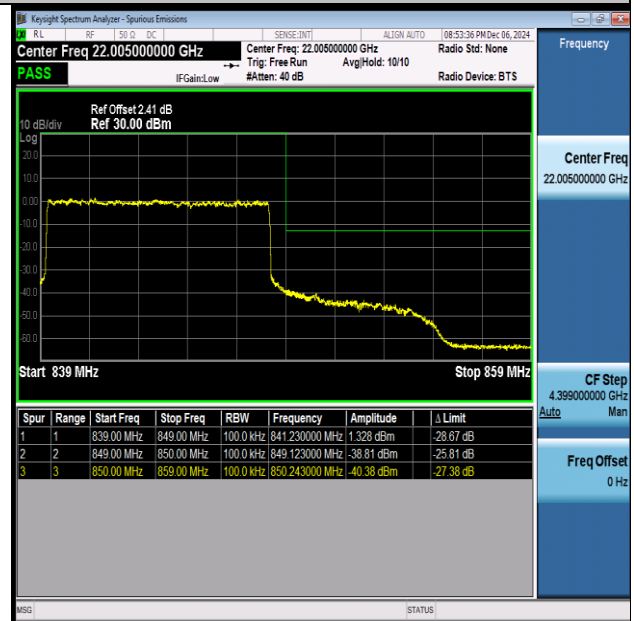
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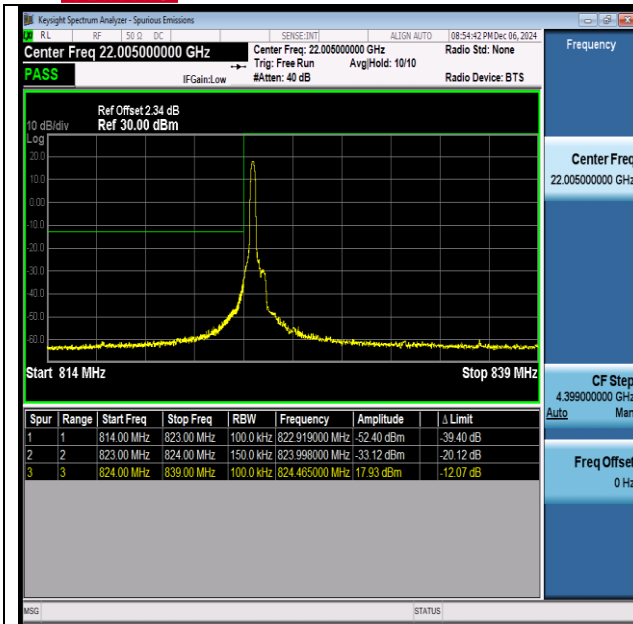
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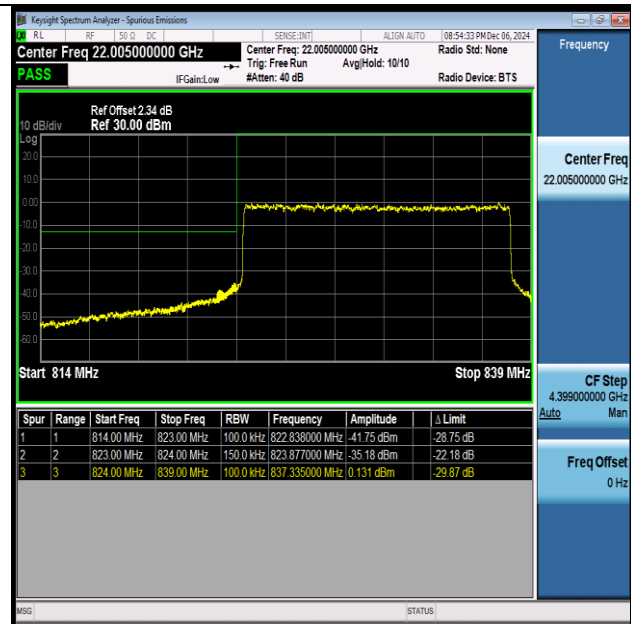
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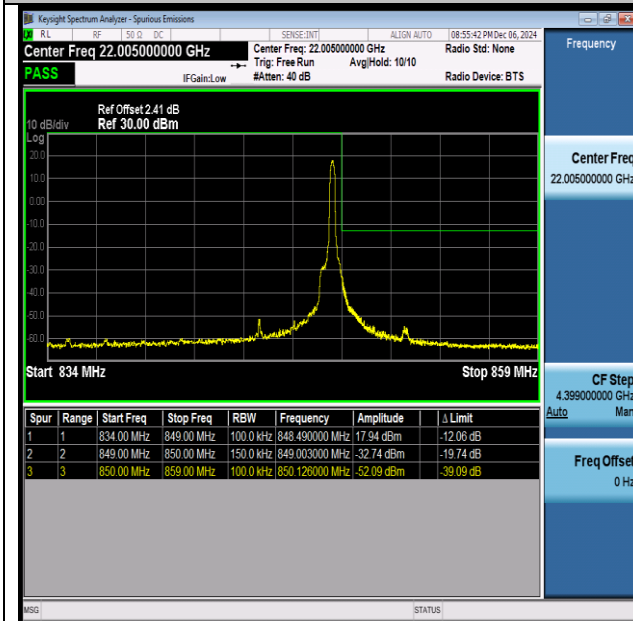
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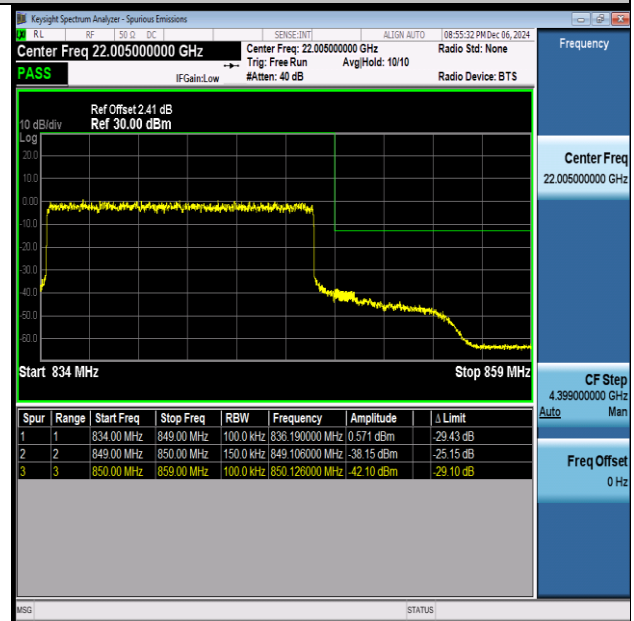
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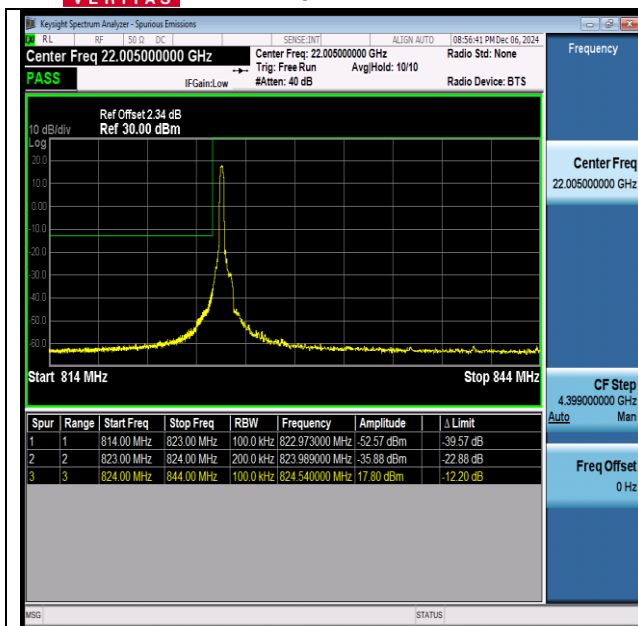
NTNV-N5-PC3-15-15-L-DFT-QPSK-Outer_Full-Ant1-PASS



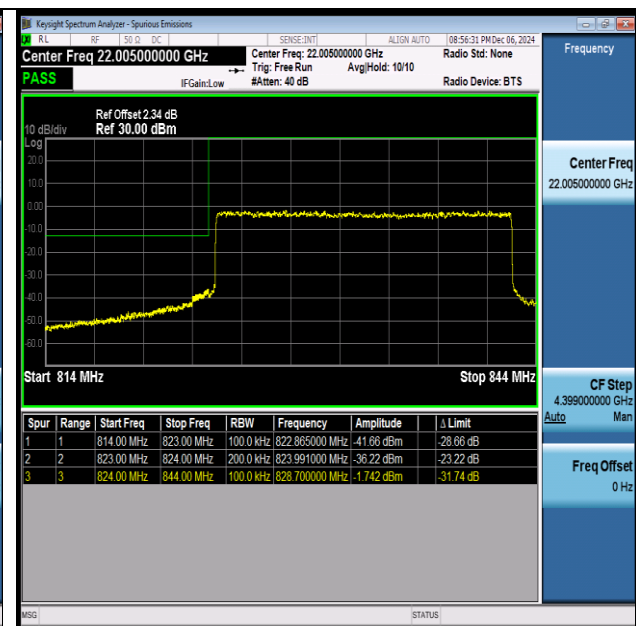
NTNV-N5-PC3-15-15-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



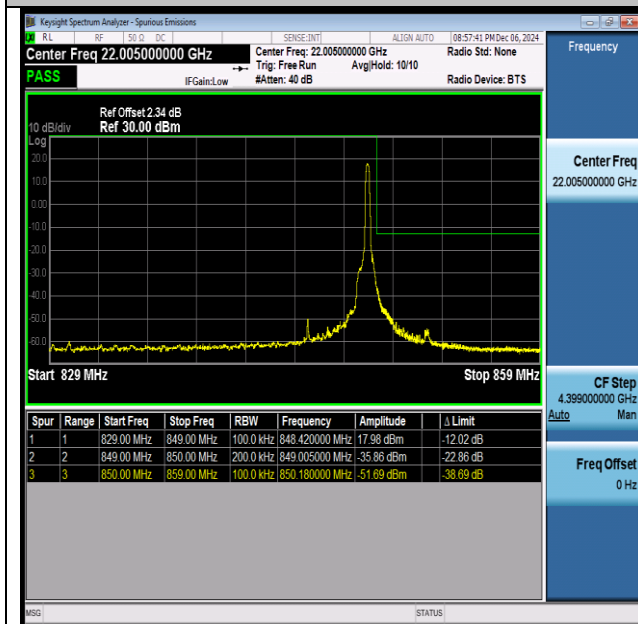
NTNV-N5-PC3-15-15-H-DFT-QPSK-Outer_Full-Ant1-PASS



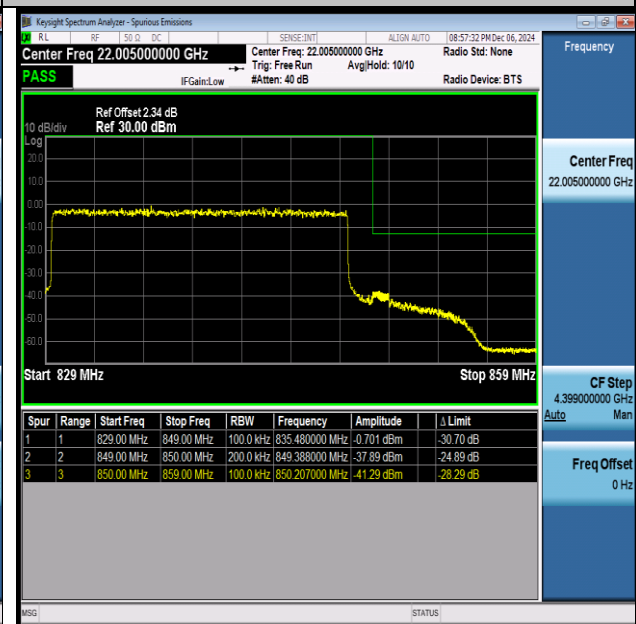
NTNV-N5-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N5-PC3-15-20-L-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N5-PC3-15-20-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



NTNV-N5-PC3-15-20-H-DFT-QPSK-Outer_Full-Ant1-PASS



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TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-38.45	-13	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	9000	-39.83	-13	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-57.43	-13	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	9000	-39.84	-13	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-55.97	-13	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	9000	-39.72	-13	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-37.95	-13	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	9000	-39.63	-13	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-57.64	-13	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	9000	-39.80	-13	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.11	-13	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	9000	-39.80	-13	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Left	30	1000	-46.71	-13	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Left	1000	9000	-39.64	-13	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Left	30	1000	-57.15	-13	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Left	1000	9000	-39.81	-13	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.14	-13	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Left	1000	9000	-39.82	-13	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.37	-13	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	9000	-39.73	-13	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-55.66	-13	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	9000	-39.78	-13	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.32	-13	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	9000	-39.75	-13	PASS