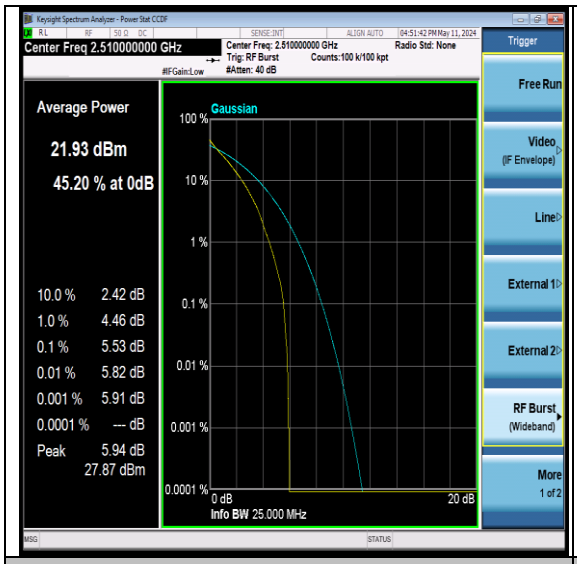
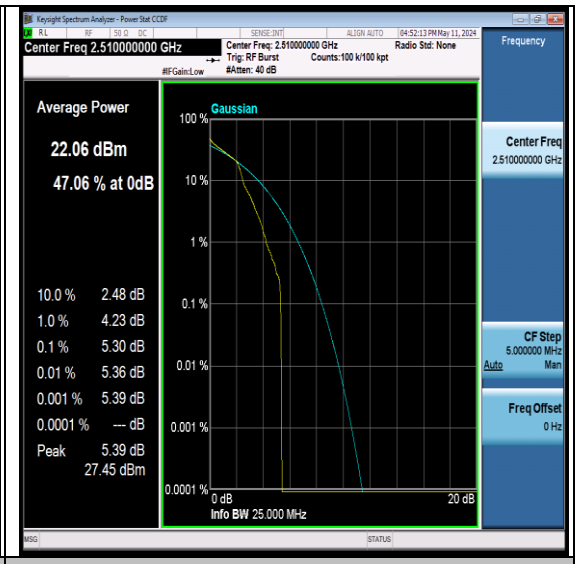
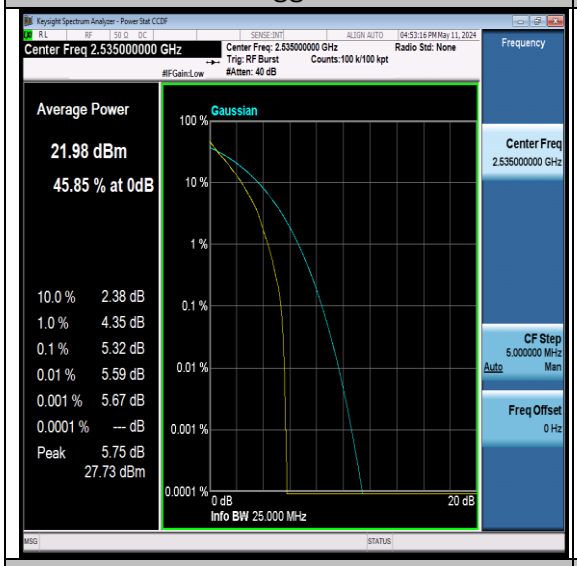
TEST GRAPHS



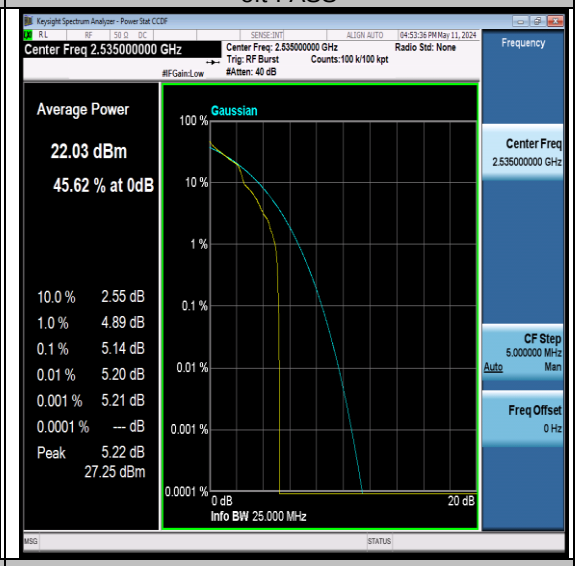
NTNV-N7-PC3-15-20-L-DFT-QPSK-Outer_Full-PASS



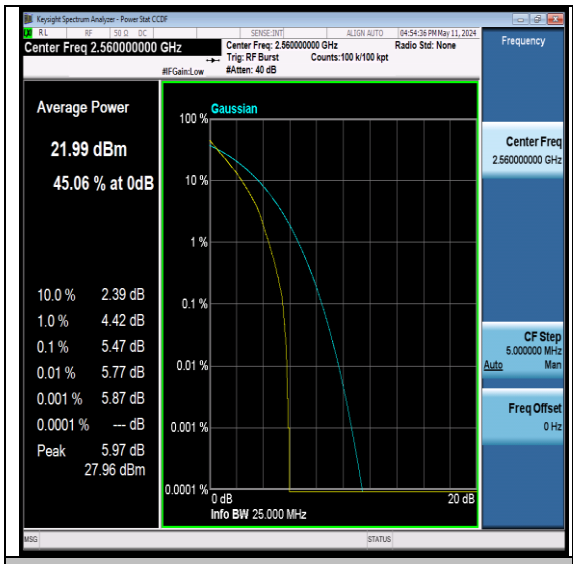
NTNV-N7-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-PASS



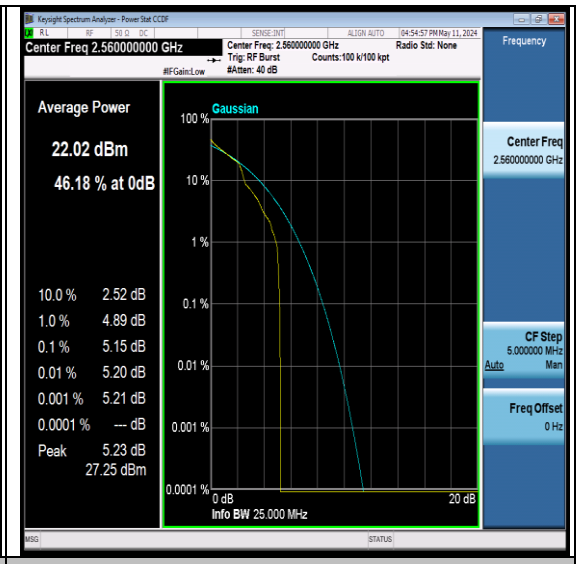
NTNV-N7-PC3-15-20-M-DFT-QPSK-Outer_Full-PASS



NTNV-N7-PC3-15-20-M-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-N7-PC3-15-20-H-DFT-QPSK-Outer_Full-PASS



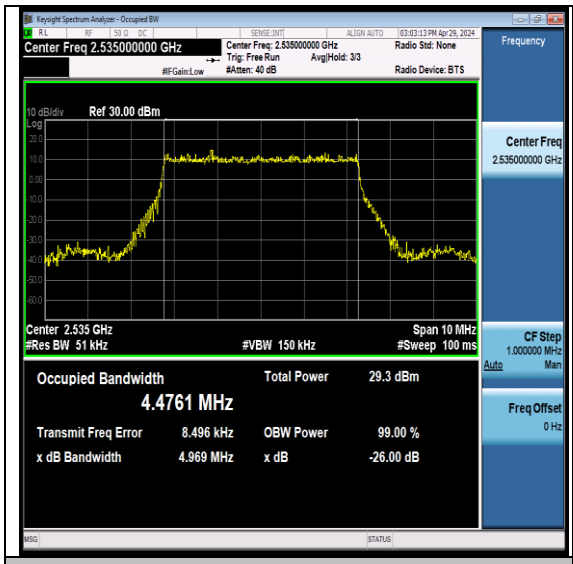
NTNV-N7-PC3-15-20-H-DFT-QPSK-Edge_1RB_Left-PASS

1.1.1

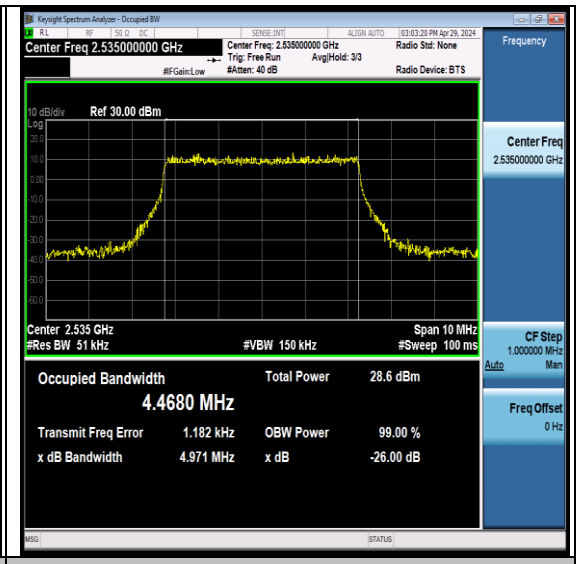
26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N7	15	5	DFT-PI2BPSK	M	Outer_Full	4.4761	4.969	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	4.4680	4.971	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	4.4572	4.915	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	4.4805	5.006	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	4.4785	4.978	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	8.9145	9.607	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	8.9242	9.671	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	8.9309	9.534	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	8.9020	9.432	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	8.9183	9.469	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	13.400	14.33	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	13.381	14.16	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	13.397	14.21	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	13.403	14.29	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	13.407	14.30	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	17.881	18.99	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	17.870	18.87	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	17.883	18.88	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	17.884	18.84	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	17.867	18.76	PASS

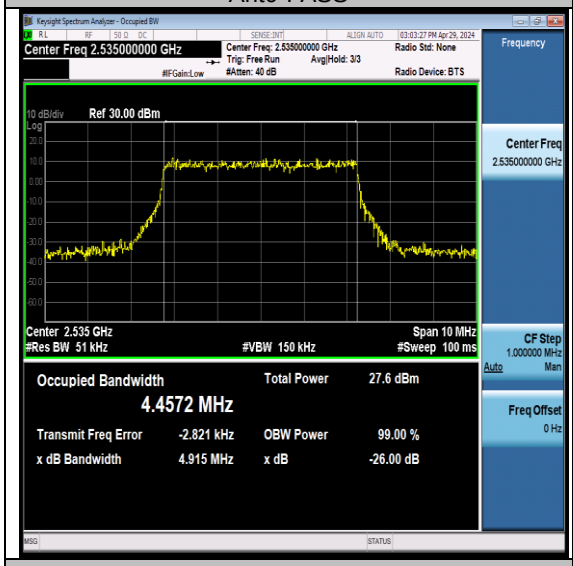
TEST GRAPHS



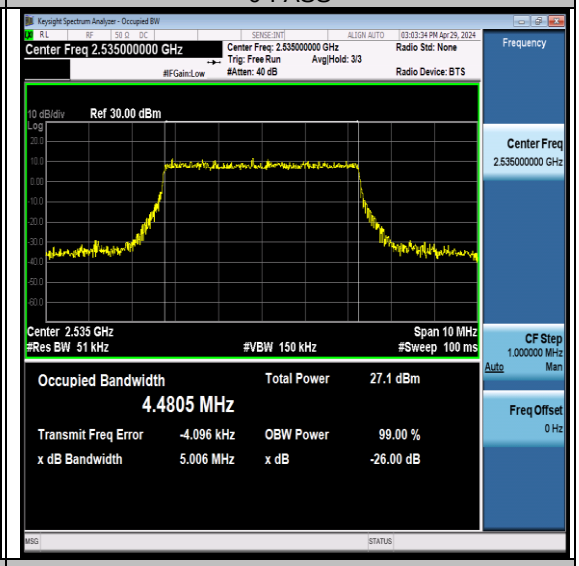
NTNV-N7-PC3-15-5-M-DFT-PI2BPSK-Outer_Full-Ant0-PASS



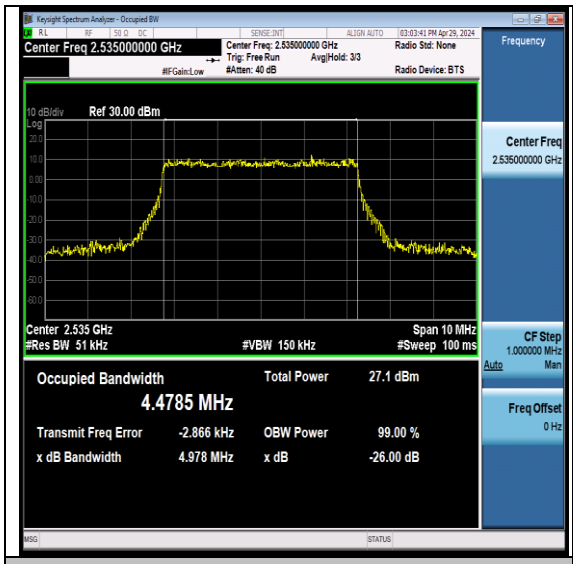
NTNV-N7-PC3-15-5-M-DFT-QPSK-Outer_Full-Ant0-PASS



NTNV-N7-PC3-15-5-M-DFT-16QAM-Outer_Full-Ant0-PASS



NTNV-N7-PC3-15-5-M-DFT-64QAM-Outer_Full-Ant0-PASS



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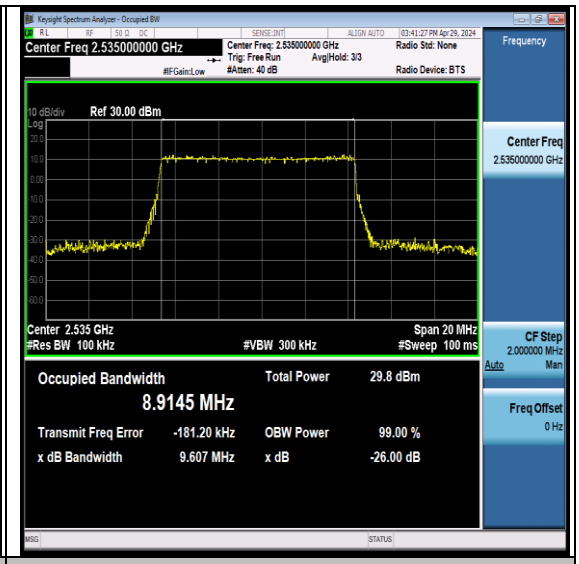

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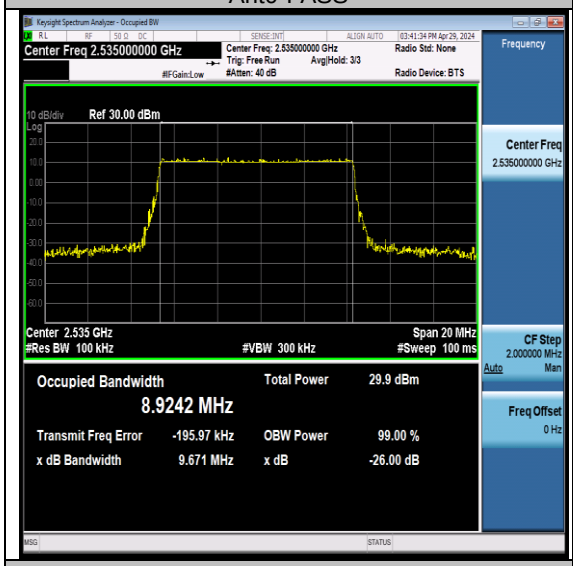

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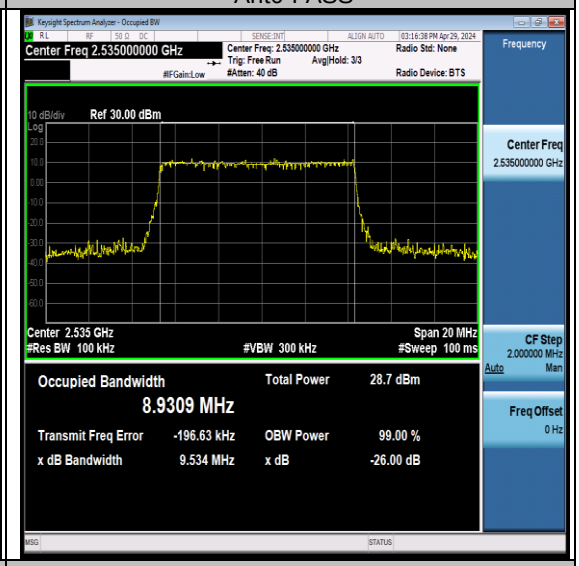

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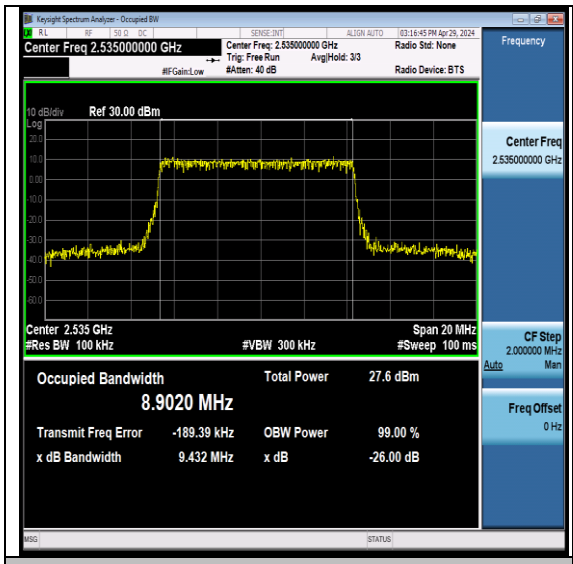

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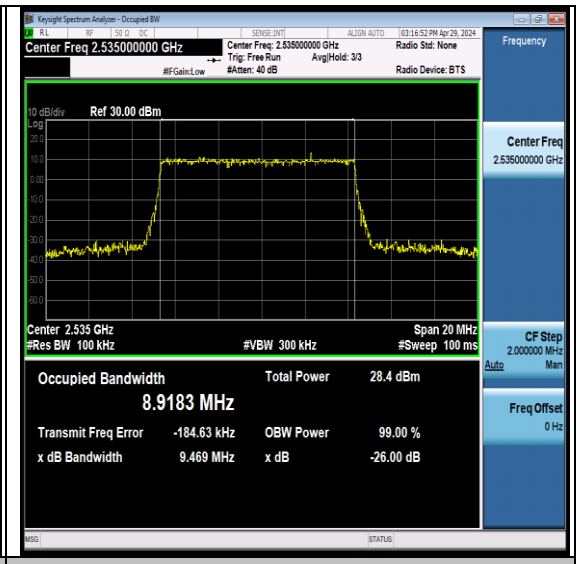

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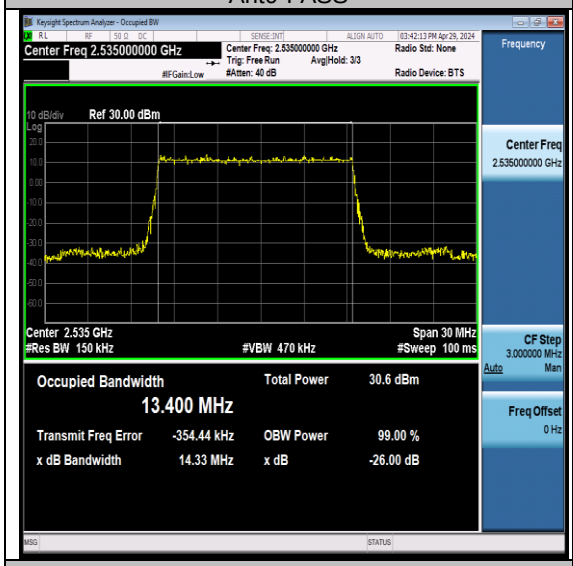

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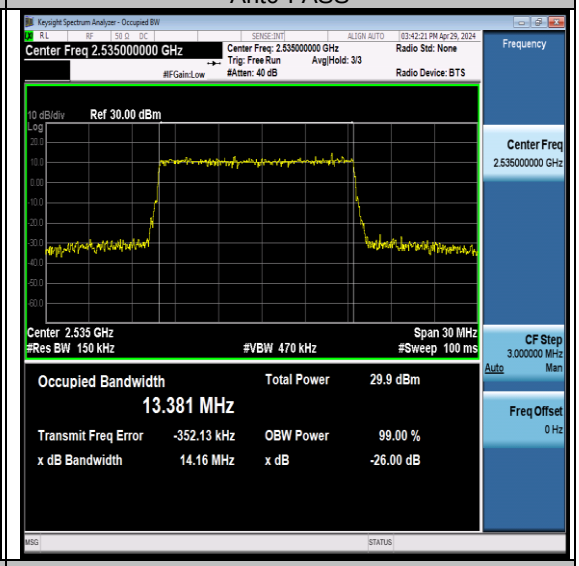

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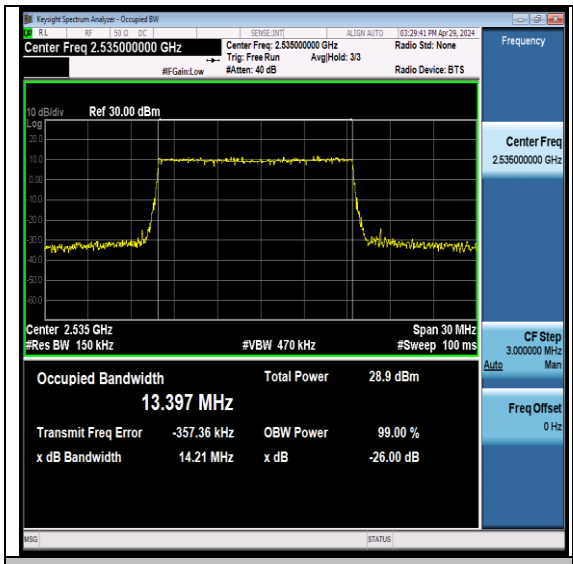

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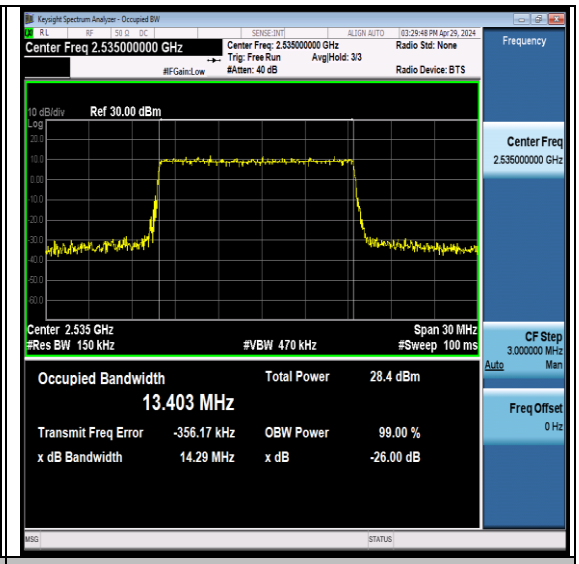

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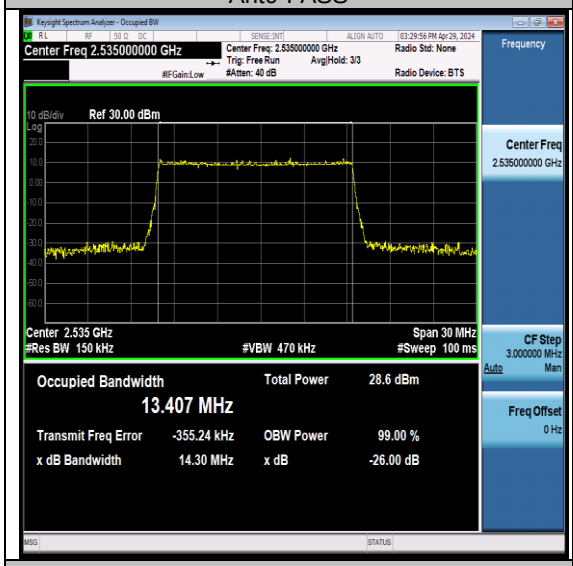

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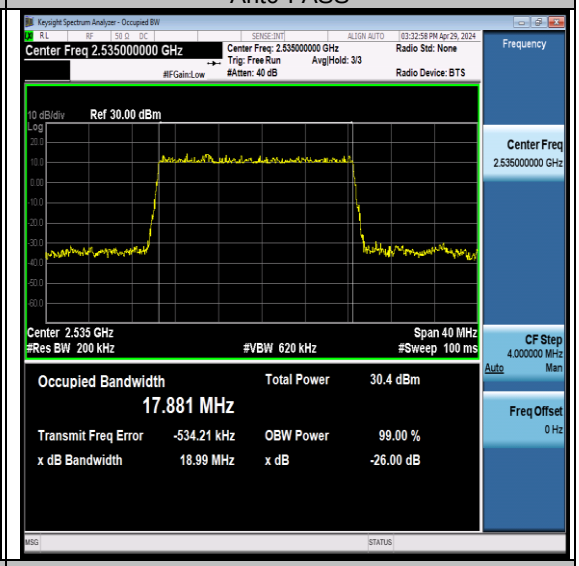

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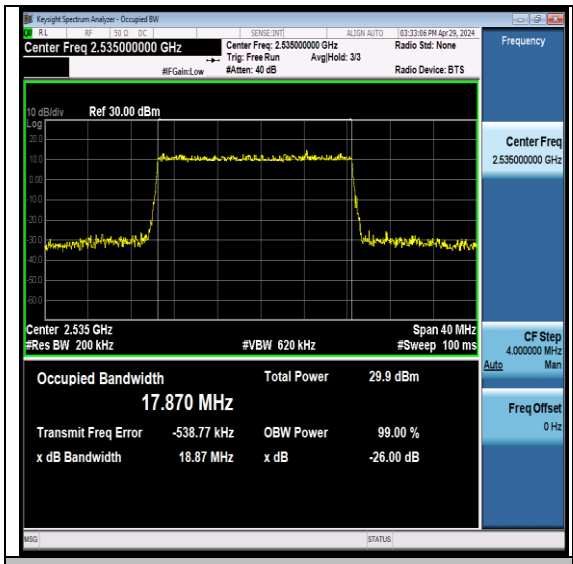
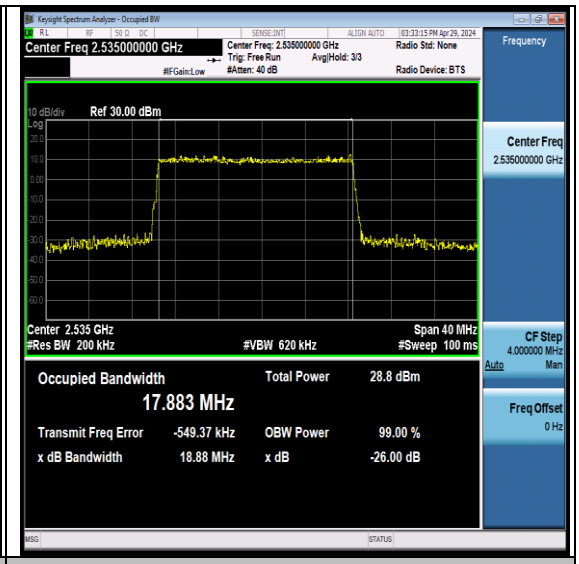
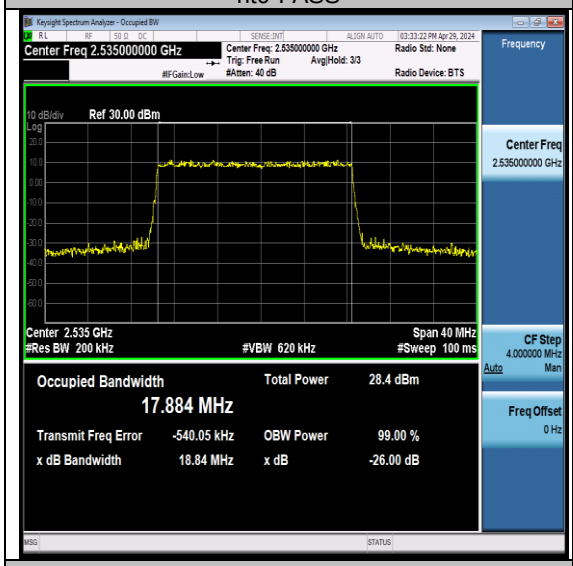


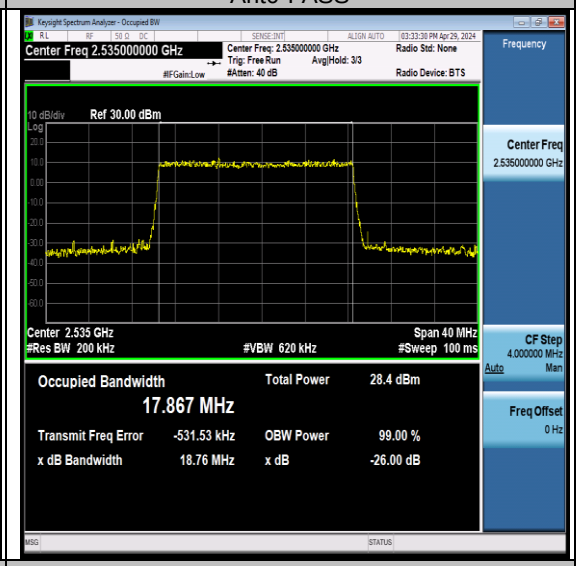
NTNV-N7-PC3-15-20-M-DFT-QPSK-Outer_Full-Ant0-PASS



NTNV-N7-PC3-15-20-M-DFT-16QAM-Outer_Full-Ant0-PASS



NTNV-N7-PC3-15-20-M-DFT-64QAM-Outer_Full-Ant0-PASS



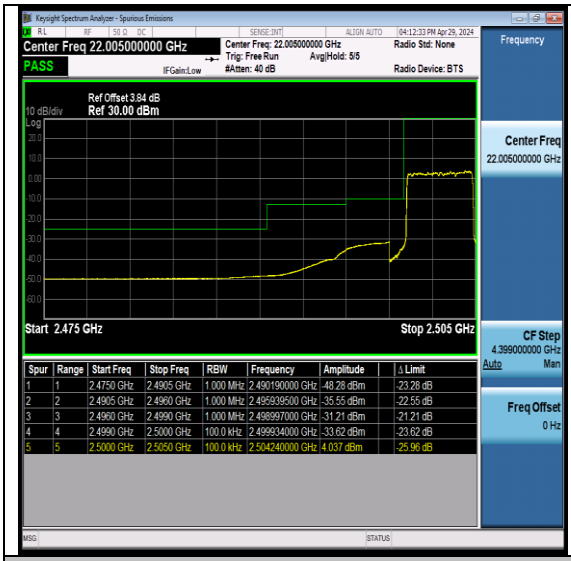
NTNV-N7-PC3-15-20-M-DFT-256QAM-Outer_Full-Ant0-PASS

BAND EDGE FOR SA

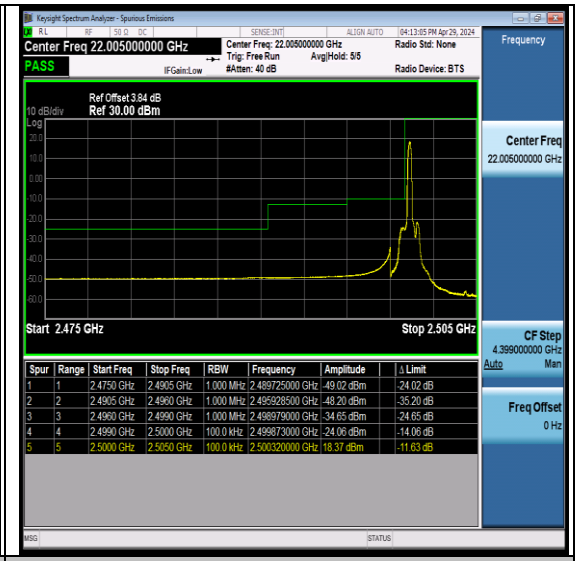
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N7	15	5	DFT-QPSK	L	Outer_Full	-31.21	PASS
N7	15	5	DFT-QPSK	L	Edge_1RB_Left	-24.06	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	-40.12	PASS
N7	15	5	DFT-QPSK	H	Edge_1RB_Right	-24.32	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	-40.56	PASS
N7	15	10	DFT-QPSK	L	Edge_1RB_Left	-21.56	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	-40.87	PASS
N7	15	10	DFT-QPSK	H	Edge_1RB_Right	-21.86	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	-37.98	PASS
N7	15	20	DFT-QPSK	L	Edge_1RB_Left	-21.08	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	-47.78	PASS
N7	15	20	DFT-QPSK	H	Edge_1RB_Right	-21.83	PASS

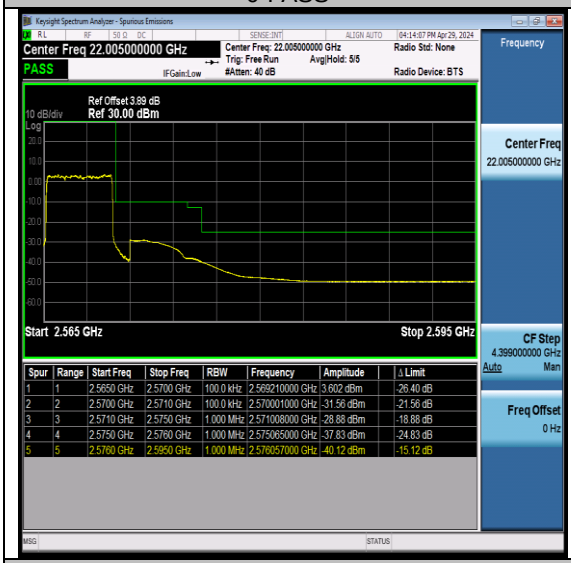
TEST GRAPHS



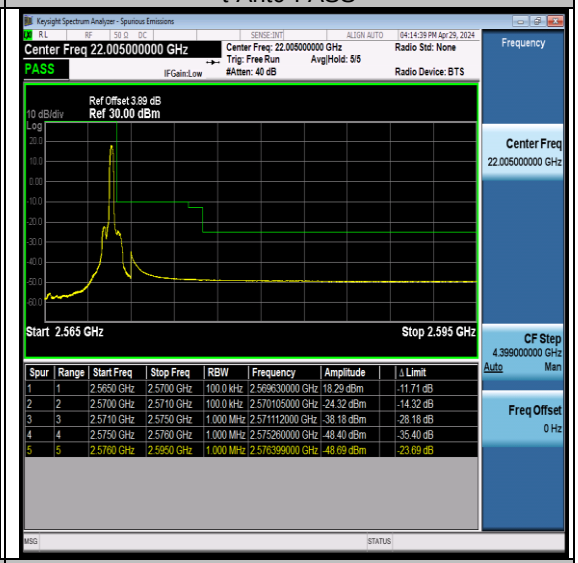
NTNV-N7-PC3-15-5-L-DFT-QPSK-Outer_Full-Ant0-PASS



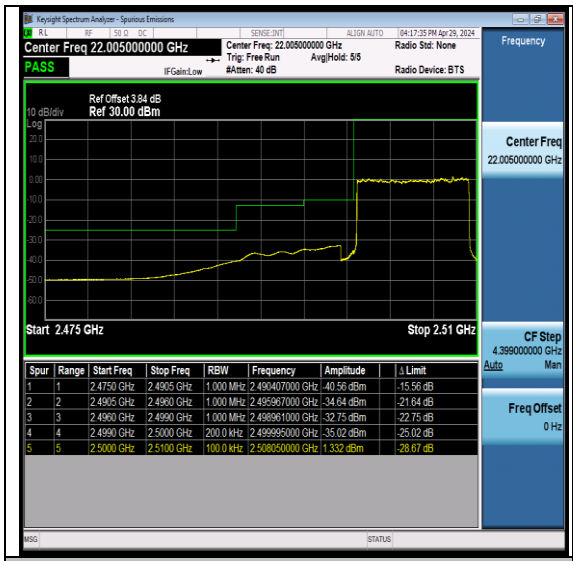
NTNV-N7-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



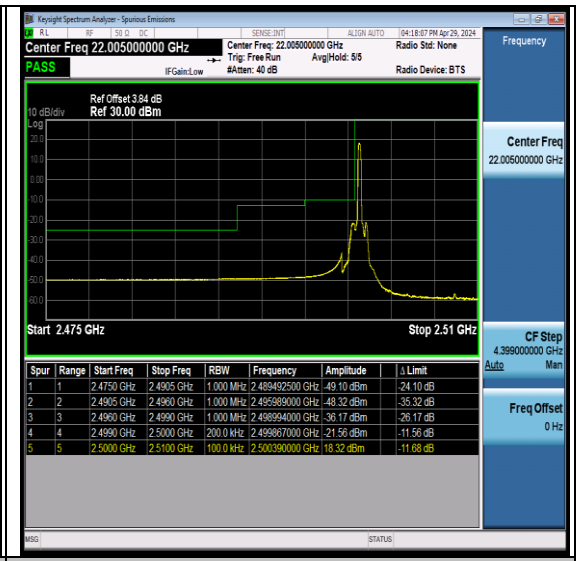
NTNV-N7-PC3-15-5-H-DFT-QPSK-Outer_Full-Ant0-PASS



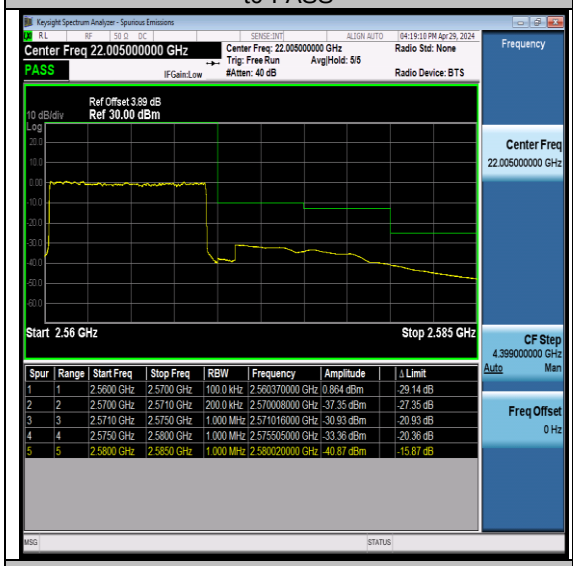
NTNV-N7-PC3-15-5-H-DFT-QPSK-Edge_1RB_Right-Ant0-PASS



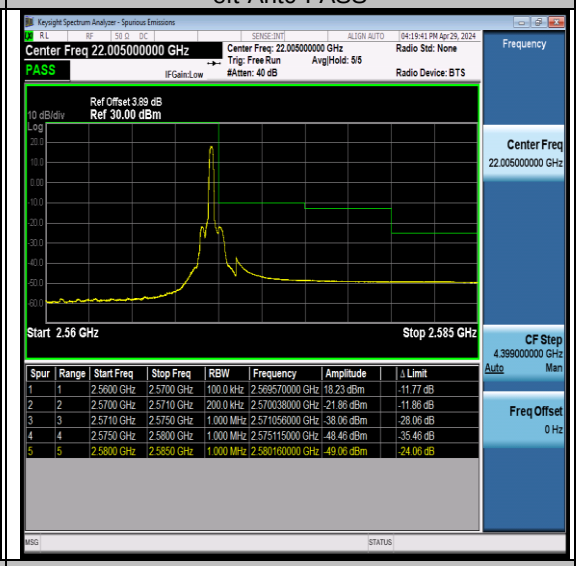
NTNV-N7-PC3-15-10-L-DFT-QPSK-Outer_Full-Ant0-PASS



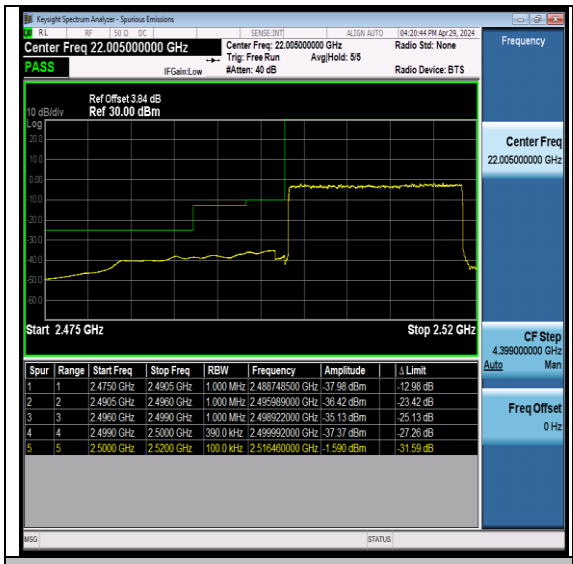
NTNV-N7-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



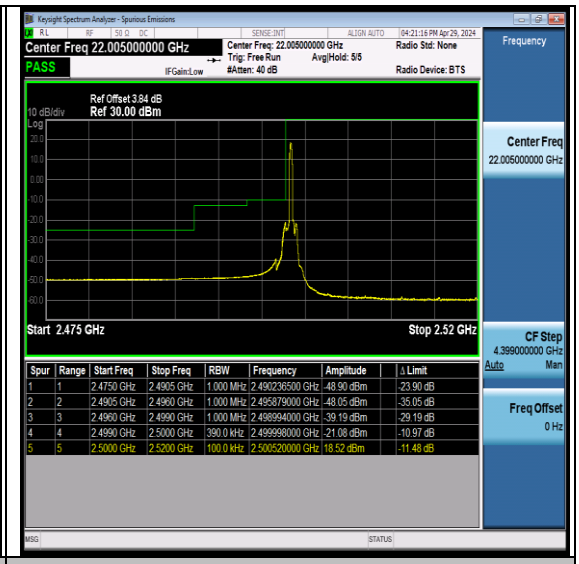
NTNV-N7-PC3-15-10-H-DFT-QPSK-Outer_Full-Ant0-PASS



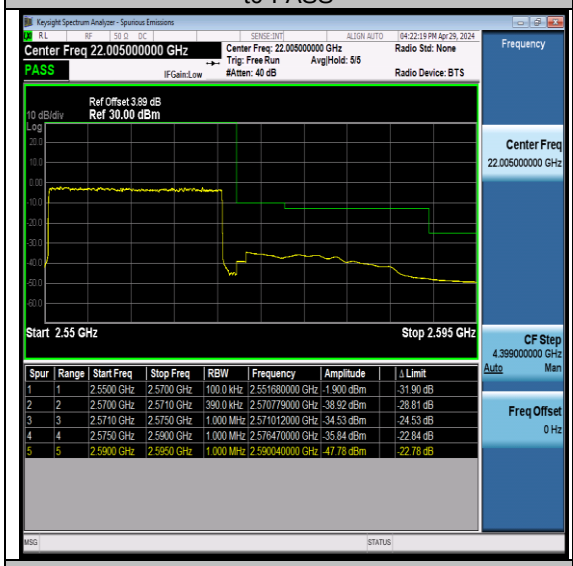
NTNV-N7-PC3-15-10-H-DFT-QPSK-Edge_1RB_Right-Ant0-PASS



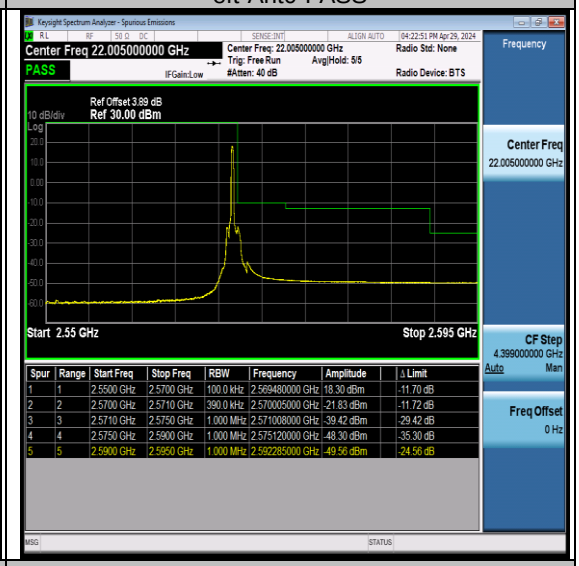
NTNV-N7-PC3-15-20-L-DFT-QPSK-Outer_Full-Ant0-PASS



NTNV-N7-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



NTNV-N7-PC3-15-20-H-DFT-QPSK-Outer_Full-Ant0-PASS



NTNV-N7-PC3-15-20-H-DFT-QPSK-Edge_1RB_Right-Ant0-PASS

CONDUCTED SPURIOUS EMISSION FOR SA
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N7	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-49.24	-25	PASS
N7	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	27000	-32.21	-25	PASS
N7	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-49.26	-25	PASS
N7	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	27000	-32.46	-25	PASS
N7	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-49.28	-25	PASS
N7	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	27000	-32.32	-25	PASS
N7	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-49.23	-25	PASS
N7	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	27000	-32.27	-25	PASS
N7	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-49.21	-25	PASS
N7	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	27000	-32.27	-25	PASS
N7	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-49.21	-25	PASS
N7	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	27000	-32.47	-25	PASS
N7	15	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-49.15	-25	PASS
N7	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	27000	-32.20	-25	PASS
N7	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-49.18	-25	PASS
N7	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	27000	-32.37	-25	PASS
N7	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-49.26	-25	PASS
N7	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	27000	-32.33	-25	PASS

TEST GRAPHS

NTNV-N7-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-10-M-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-10-M-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-10-H-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-10-H-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-20-M-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-20-M-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

NTNV-N7-PC3-15-20-H-DFT-QPSK-Edge_1RB_Left-Ant0-PASS	NTNV-N7-PC3-15-20-H-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

FREQUENCY STABILITY FOR SA
TEST RESULT

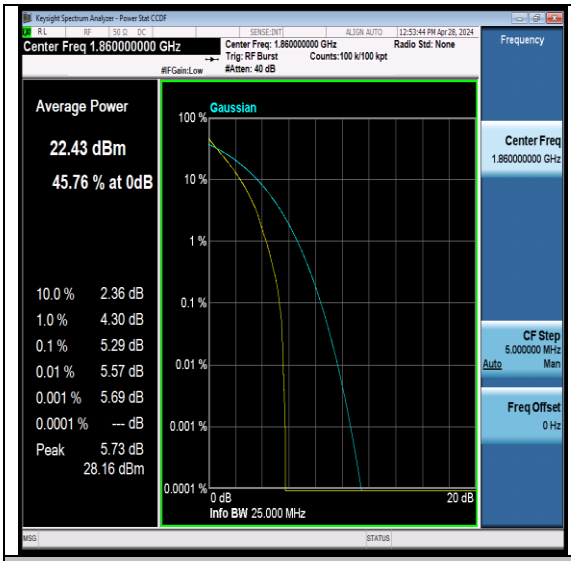
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N7	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-4.953000	-0.001973	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-6.177000	-0.002461	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	VH	NT	-6.295000	-0.002508	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	-30	-5.345000	-0.002129	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	-20	-6.414000	-0.002555	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	-10	-5.906000	-0.002353	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	0	-5.546000	-0.002210	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	10	-7.392000	-0.002945	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	20	-5.827000	-0.002322	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	30	-9.379000	-0.003737	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	40	-7.657000	-0.003051	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	50	-6.697000	-0.002668	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-7.872000	-0.003105	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-3.280000	-0.001294	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-6.254000	-0.002467	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-6.807000	-0.002685	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-6.055000	-0.002389	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-7.579000	-0.002990	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	0	-7.071000	-0.002789	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	10	-5.898000	-0.002327	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	20	-7.798000	-0.003076	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	30	-6.076000	-0.002397	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	40	-5.646000	-0.002227	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	50	-7.298000	-0.002879	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	VL	NT	-2.660000	-0.001039	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-2.192000	-0.000856	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	VH	NT	-1.259000	-0.000492	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	-30	-4.150000	-0.001621	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	-20	-1.378000	-0.000538	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	-10	-3.142000	-0.001227	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	0	-4.522000	-0.001766	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	10	-5.512000	-0.002153	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	20	-3.492000	-0.001364	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	30	-6.892000	-0.002692	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	40	-1.873000	-0.000732	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	50	-4.556000	-0.001780	PASS

N25(INCLUDING N2)

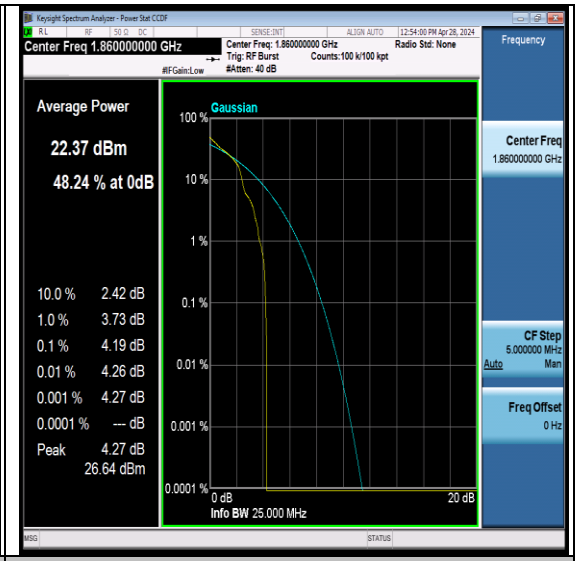
PEAK-TO-AVERAGE RATIO(CCDF)
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N25	15	20	DFT-QPSK	L	Outer_Full	5.29	≤13	PASS
N25	15	20	DFT-QPSK	L	Edge_1RB_Left	4.19	≤13	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	5.45	≤13	PASS
N25	15	20	DFT-QPSK	M	Edge_1RB_Left	4.44	≤13	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	5.59	≤13	PASS
N25	15	20	DFT-QPSK	H	Edge_1RB_Left	5.52	≤13	PASS

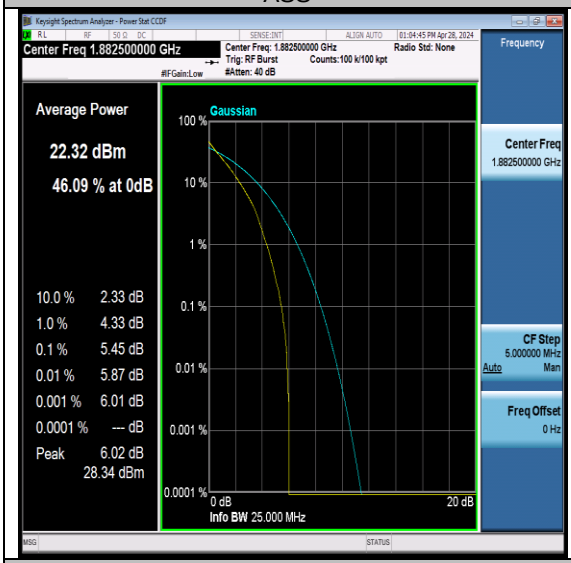
TEST GRAPHS



NTNV-N25-PC3-15-20-L-DFT-QPSK-Outer_Full-PASS

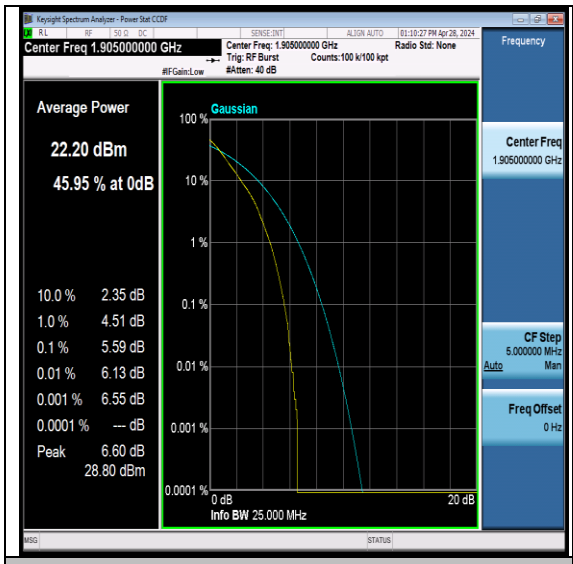


NTNV-N25-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-PASS

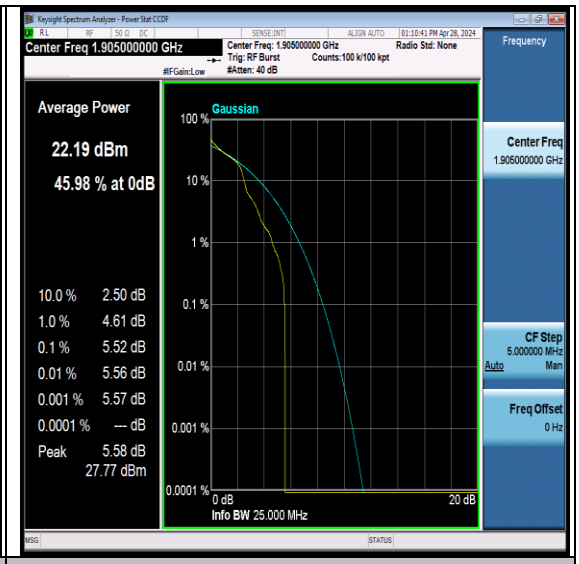


NTNV-N25-PC3-15-20-M-DFT-QPSK-Outer_Full-PASS

NTNV-N25-PC3-15-20-M-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-N25-PC3-15-20-H-DFT-QPSK-Outer_Full-PASS



NTNV-N25-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
N25	15	5	DFT-PI2BPSK	M	Outer_Full	4.4728	4.982	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	4.4612	4.975	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	4.4675	4.913	PASS
N25	15	5	DFT-64QAM	M	Outer_Full	4.4693	5.055	PASS
N25	15	5	DFT-256QAM	M	Outer_Full	4.4765	4.952	PASS
N25	15	10	DFT-PI2BPSK	M	Outer_Full	8.9122	9.539	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	8.8999	9.585	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	8.9128	9.571	PASS
N25	15	10	DFT-64QAM	M	Outer_Full	8.9337	9.734	PASS
N25	15	10	DFT-256QAM	M	Outer_Full	8.9159	9.592	PASS
N25	15	15	DFT-PI2BPSK	M	Outer_Full	13.404	14.30	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	13.404	14.31	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	13.403	14.25	PASS
N25	15	15	DFT-64QAM	M	Outer_Full	13.383	14.18	PASS
N25	15	15	DFT-256QAM	M	Outer_Full	13.400	14.12	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	17.863	18.75	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	17.868	18.76	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	17.867	18.83	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	17.877	18.83	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	17.883	18.80	PASS