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Reference No.: W7L-P23120020RF09

Test Graphs



NTNV-N13-PC3-15-10-M-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-N13-PC3-15-10-M-DFT-QPSK-Outer_Full-PASS



NTNV-N13-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-N13-PC3-15-5-L-DFT-QPSK-Outer_Full-PASS

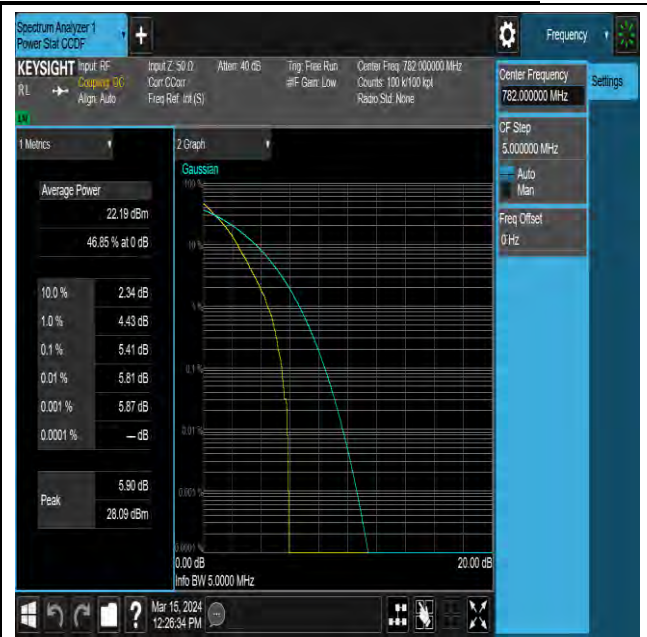


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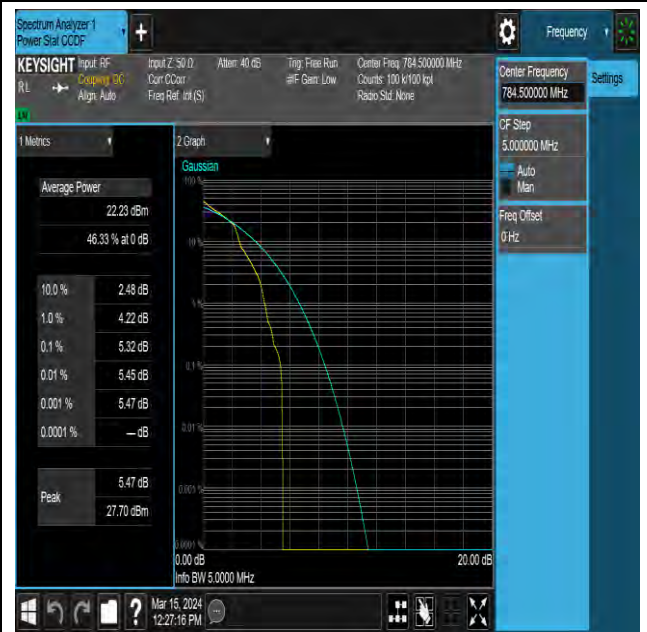
NTNV-N13-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-N13-PC3-15-5-M-DFT-QPSK-Outer_Full-PASS



NTNV-N13-PC3-15-5-H-DFT-QPSK-Outer_Full-PASS



NTNV-N13-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-PASS

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**26dB Bandwidth and Occupied Bandwidth for SA****Test Result**

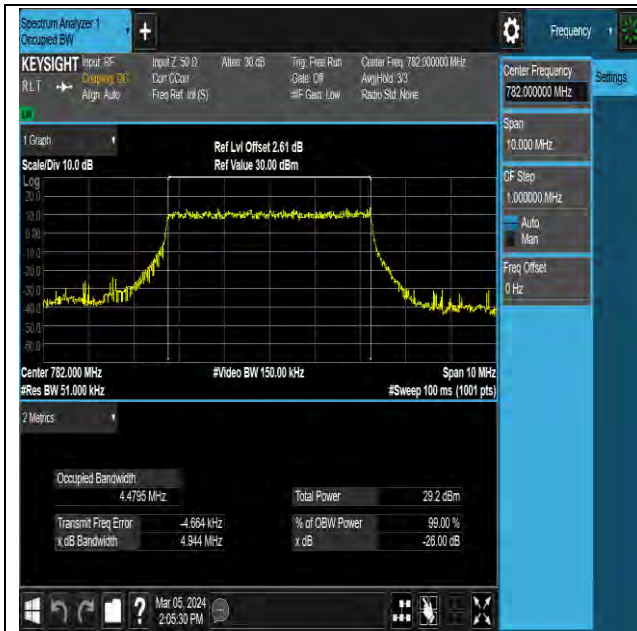
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N13	15	5	DFT-PI2BPSK	M	Outer_Full	4.4795	4.944	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	4.4624	4.938	PASS
N13	15	5	DFT-16QAM	M	Outer_Full	4.4600	4.986	PASS
N13	15	5	DFT-64QAM	M	Outer_Full	4.4626	4.925	PASS
N13	15	5	DFT-256QAM	M	Outer_Full	4.4565	4.955	PASS
N13	15	10	DFT-PI2BPSK	M	Outer_Full	8.9251	9.560	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	8.9031	9.682	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	8.9358	9.592	PASS
N13	15	10	DFT-64QAM	M	Outer_Full	8.9079	9.586	PASS
N13	15	10	DFT-256QAM	M	Outer_Full	8.9035	9.654	PASS



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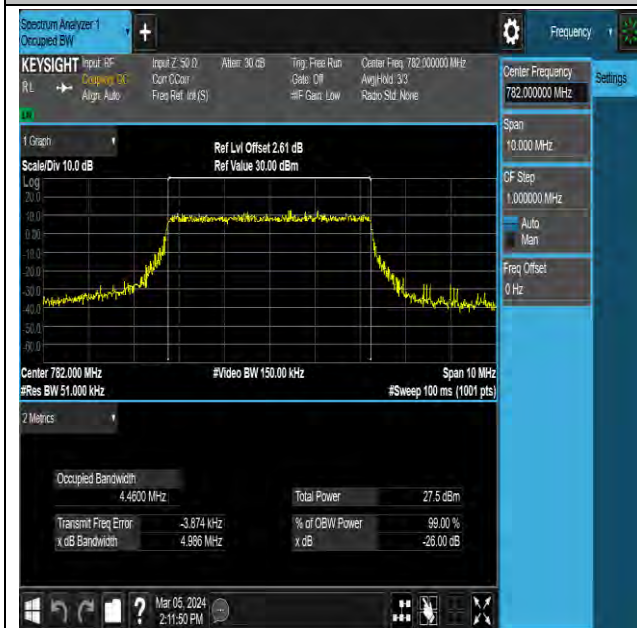
Test Graphs



NTNV-N13-PC3-15-5-M-DFT-PI2BPSK-Outter_Full-Ant0-
PASS



NTNV-N13-PC3-15-5-M-DFT-QPSK-Outter_Full-Ant0-
PASS



NTNV-N13-PC3-15-5-M-DFT-16QAM-Outter_Full-Ant0-
PASS

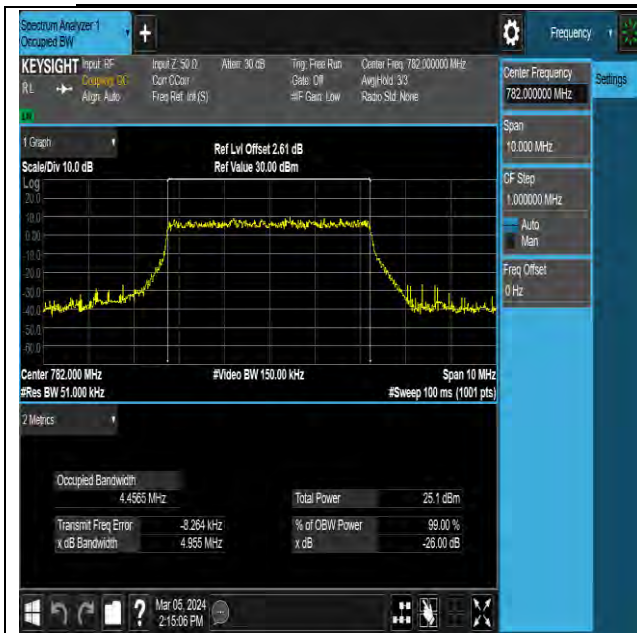


NTNV-N13-PC3-15-5-M-DFT-64QAM-Outter_Full-Ant0-
PASS



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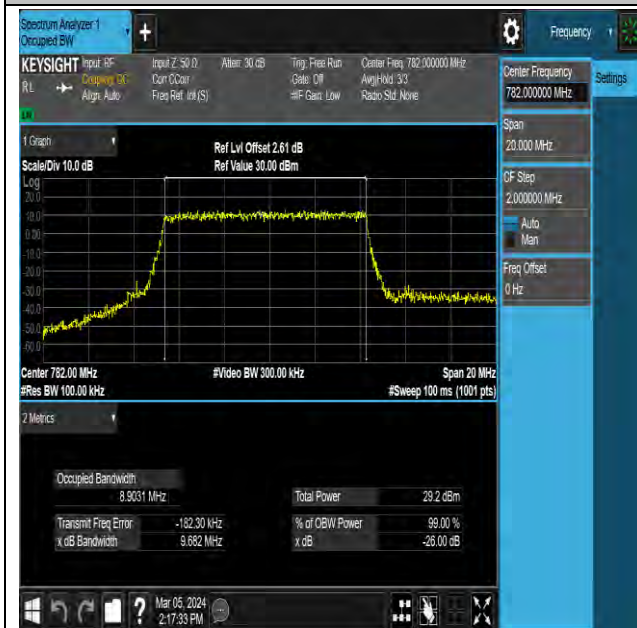
Reference No.: W7L-P23120020RF09



NTNV-N13-PC3-15-5-M-DFT-256QAM-Outer_Full-Ant0-
PASS



NTNV-N13-PC3-15-10-M-DFT-PI2BPSK-Outer_Full-Ant0-
PASS



NTNV-N13-PC3-15-10-M-DFT-QPSK-Outer_Full-Ant0-
PASS

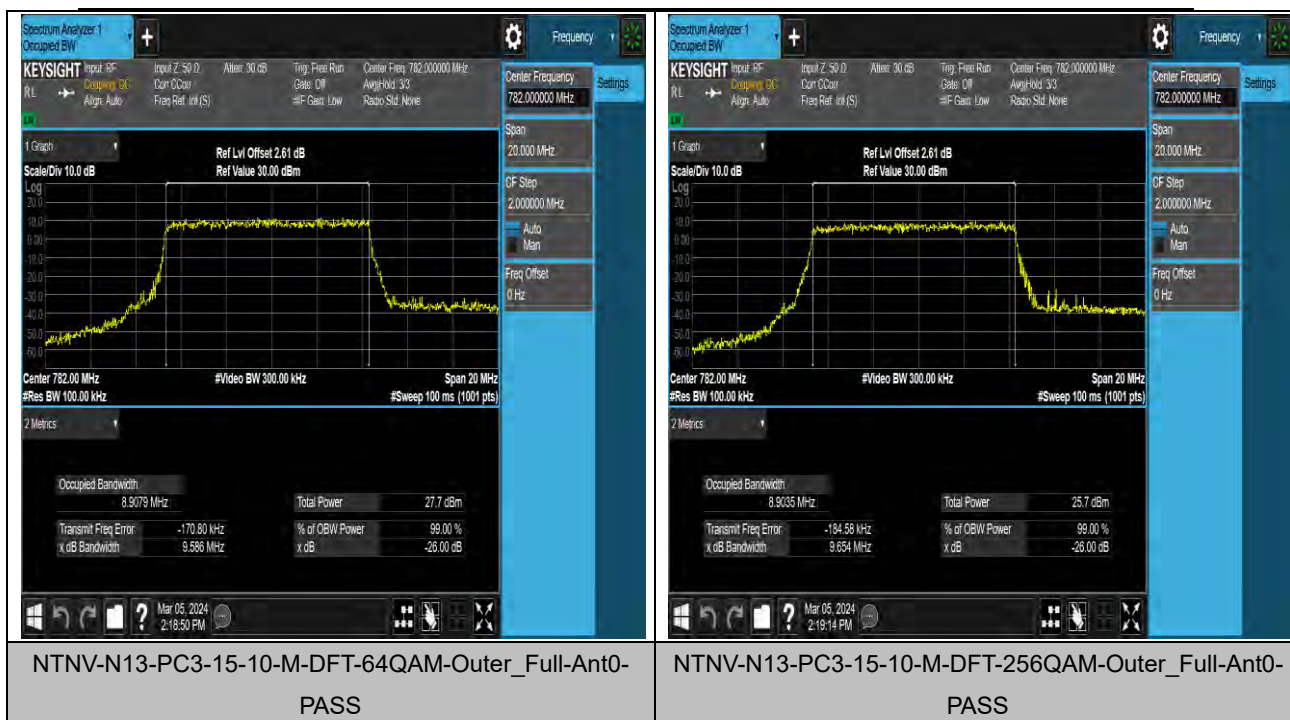


NTNV-N13-PC3-15-10-M-DFT-16QAM-Outer_Full-Ant0-
PASS



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**Band Edge for SA****Test Result**

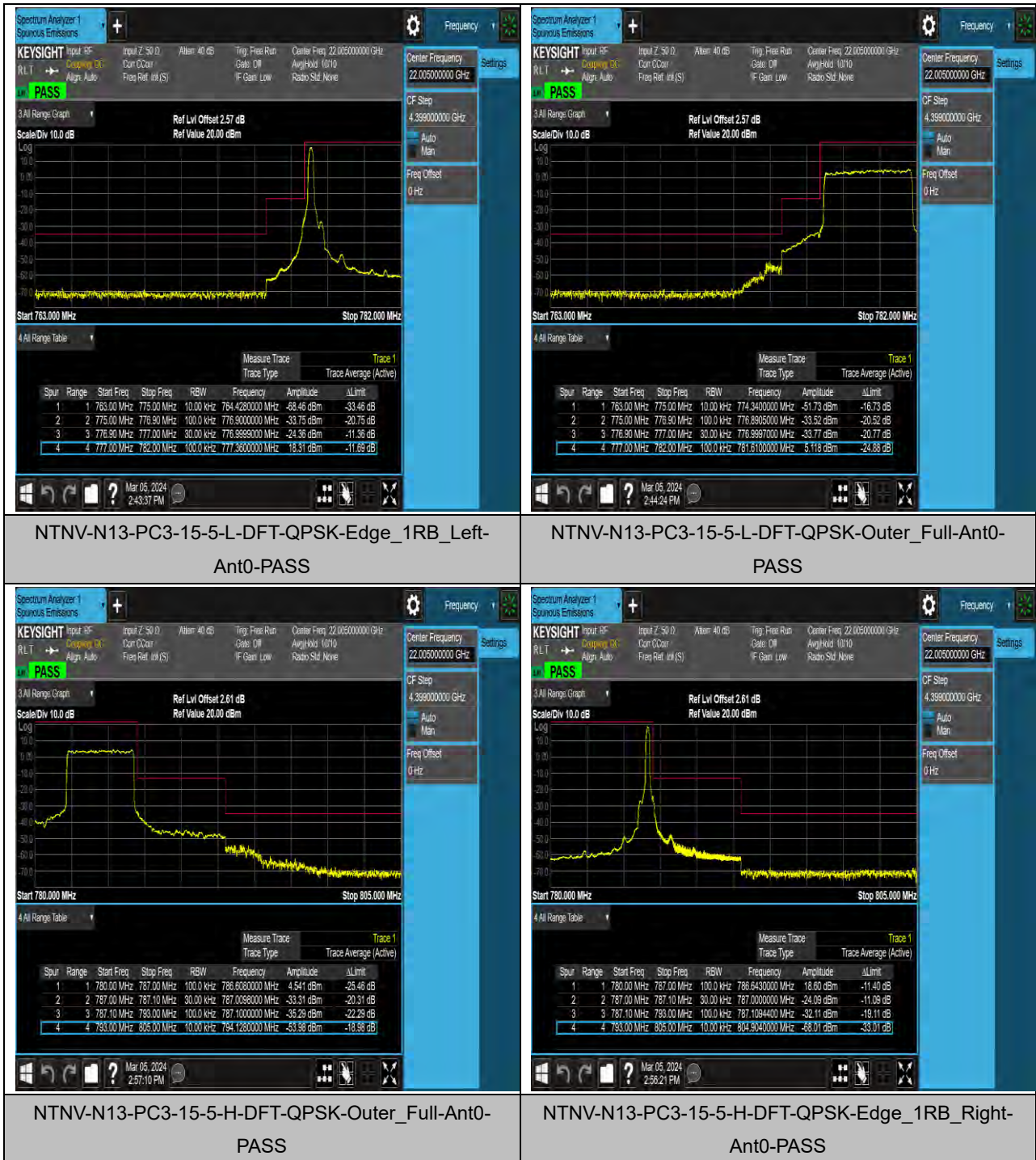
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N13	15	5	DFT-QPSK	L	Edge_1RB_Left	-24.36	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	-51.73	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	-53.98	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Right	-24.09	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Left	-27.56	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Right	-27.89	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	-50.19	PASS



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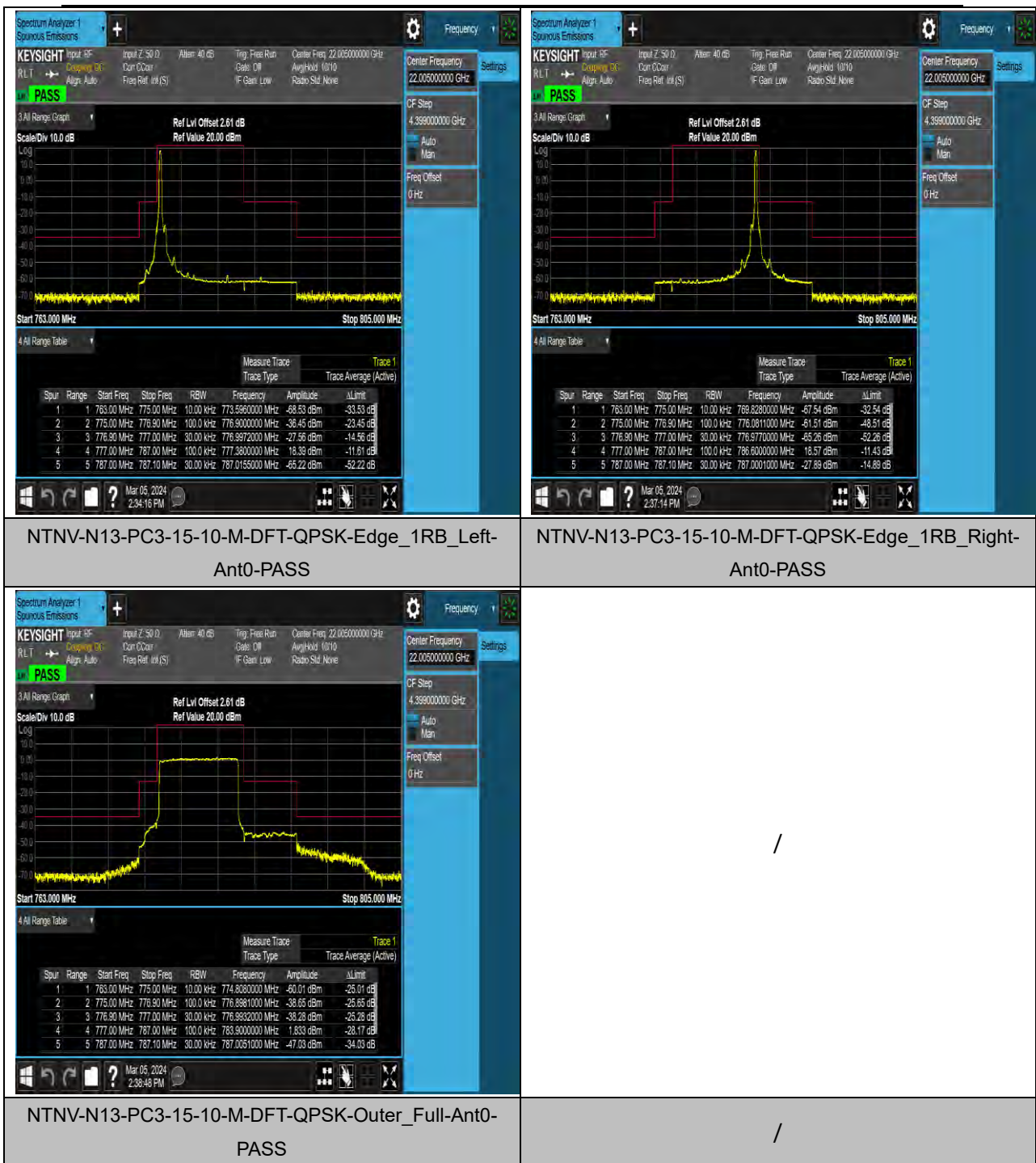
Test Graphs





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Reference No.: W7L-P23120020RF09

Conducted Spurious Emission for SA

Test Result

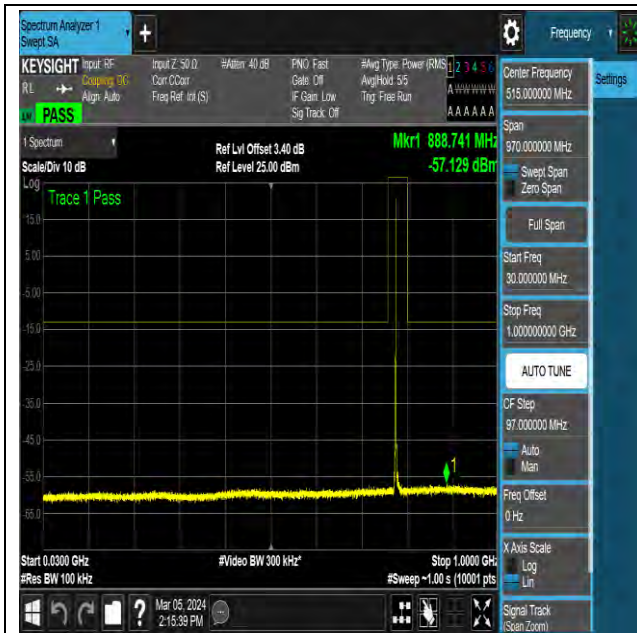
Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N13	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-57.13	-13	PASS
N13	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	8000	-39.98	-13	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-57.16	-13	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	8000	-39.90	-13	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.10	-13	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	8000	-40.05	-13	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-57.18	-13	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	8000	-39.98	-13	PASS



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Reference No.: W7L-P23120020RF09

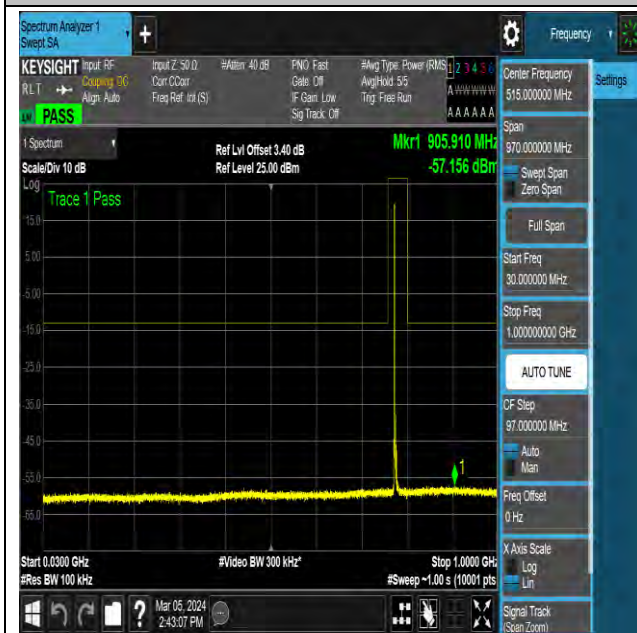
Test Graphs



NTNV-N13-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



NTNV-N13-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



NTNV-N13-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS

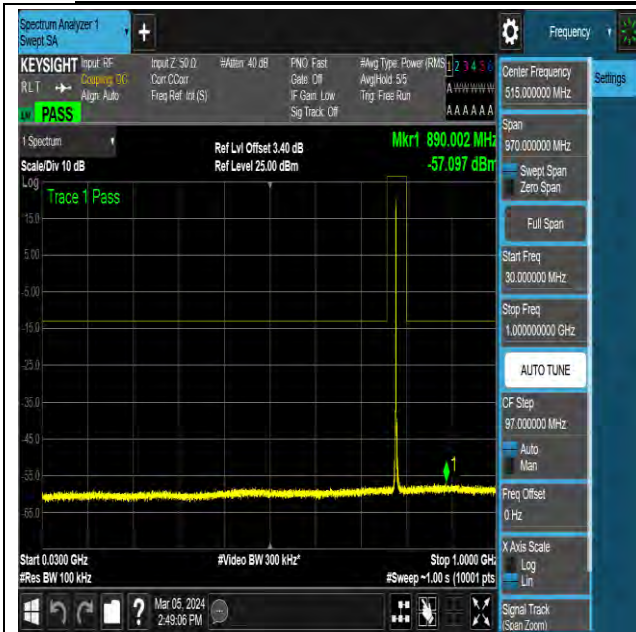


NTNV-N13-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



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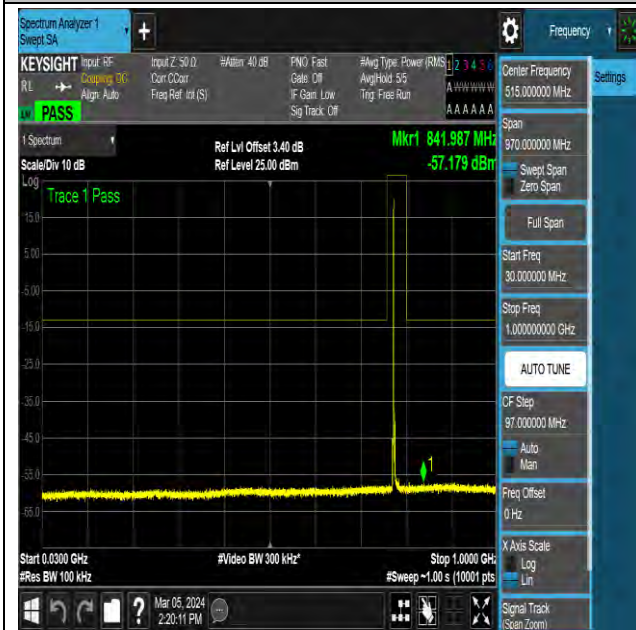
Reference No.: W7L-P23120020RF09



NTNV-N13-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



NTNV-N13-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



NTNV-N13-PC3-15-10-M-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



NTNV-N13-PC3-15-10-M-DFT-QPSK-Edge_1RB_Left-
Ant0-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)	Verdict
N13	15	5	DFT-QPSK	L	Outer_Full	VL	NT	1.000000	0.001283	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	VN	NT	13.000000	0.016677	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	VH	NT	19.000000	0.024375	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	VL	NT	7.000000	0.008951	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	VN	NT	13.000000	0.016624	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	VH	NT	7.000000	0.008951	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	VL	NT	11.000000	0.014022	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	VN	NT	5.000000	0.006373	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	VH	NT	17.000000	0.021670	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N13	15	5	DFT-QPSK	L	Outer_Full	NV	-30	6.000000	0.007697	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	NV	-20	18.000000	0.023092	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	NV	-10	2.000000	0.002566	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	NV	0	15.000000	0.019243	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	NV	10	5.000000	0.006414	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	NV	20	18.000000	0.023092	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	NV	30	1.000000	0.001283	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	NV	40	14.000000	0.017960	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	NV	50	8.000000	0.010263	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	NV	-30	9.000000	0.011509	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	NV	-20	3.000000	0.003836	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	NV	-10	16.000000	0.020460	PASS



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N13	15	5	DFT-QPSK	M	Outer_Full	NV	0	18.000000	0.023018	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	NV	10	12.000000	0.015345	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	NV	20	14.000000	0.017903	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	NV	30	15.000000	0.019182	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	NV	40	18.000000	0.023018	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	NV	50	11.000000	0.014066	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	NV	-30	1.000000	0.001275	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	NV	-20	13.000000	0.016571	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	NV	-10	7.000000	0.008923	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	NV	0	16.000000	0.020395	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	NV	10	19.000000	0.024219	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	NV	20	13.000000	0.016571	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	NV	30	6.000000	0.007648	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	NV	40	9.000000	0.011472	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	NV	50	2.000000	0.002549	PASS

**N25(Including n2)****Peak-to-Average Ratio(CCDF)****Test Result**

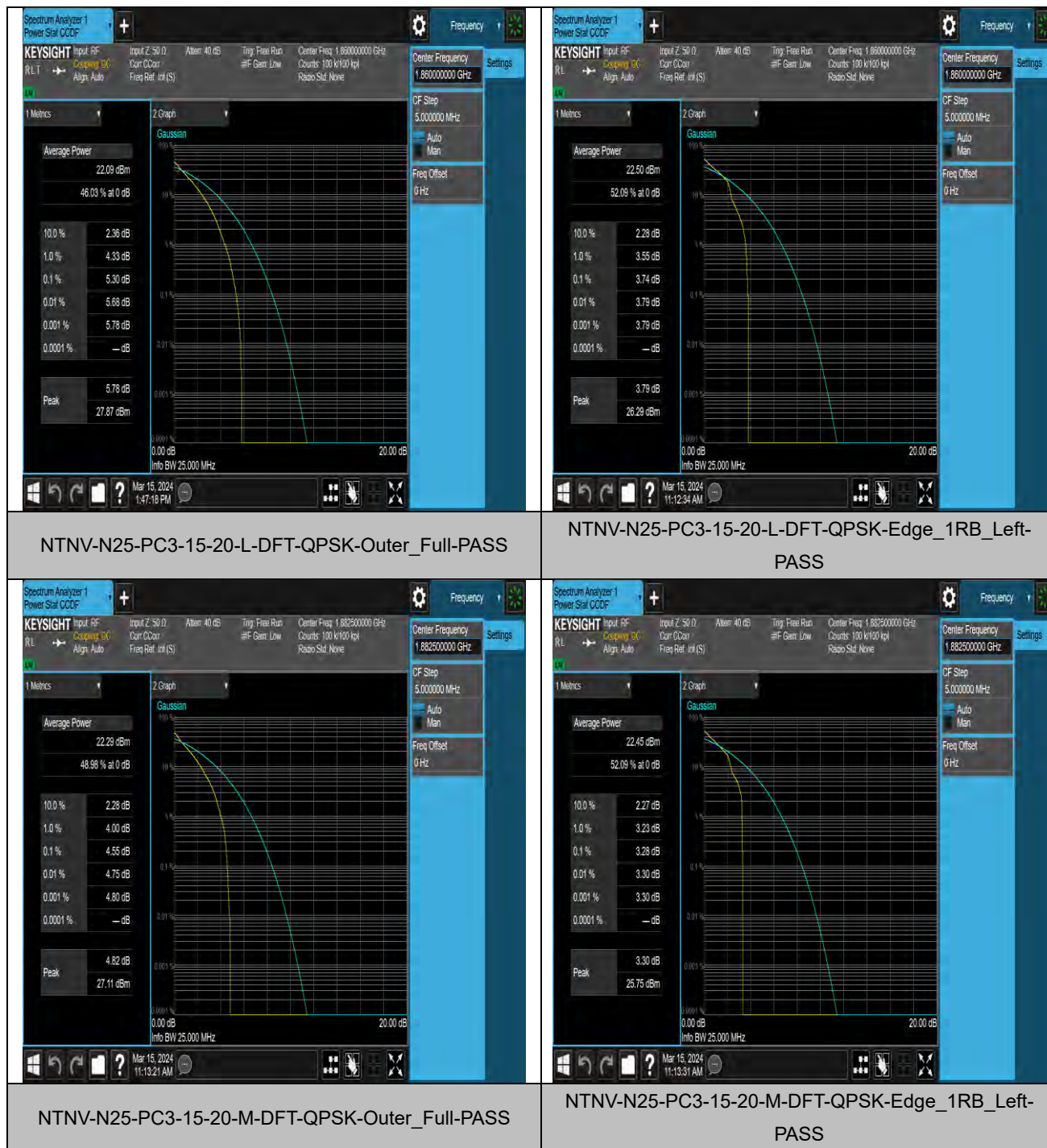
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N25	15	20	DFT-QPSK	L	Outer_Full	5.30	≤13	PASS
N25	15	20	DFT-QPSK	L	Edge_1RB_Left	3.74	≤13	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	4.55	≤13	PASS
N25	15	20	DFT-QPSK	M	Edge_1RB_Left	3.28	≤13	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	4.54	≤13	PASS
N25	15	20	DFT-QPSK	H	Edge_1RB_Left	4.04	≤13	PASS



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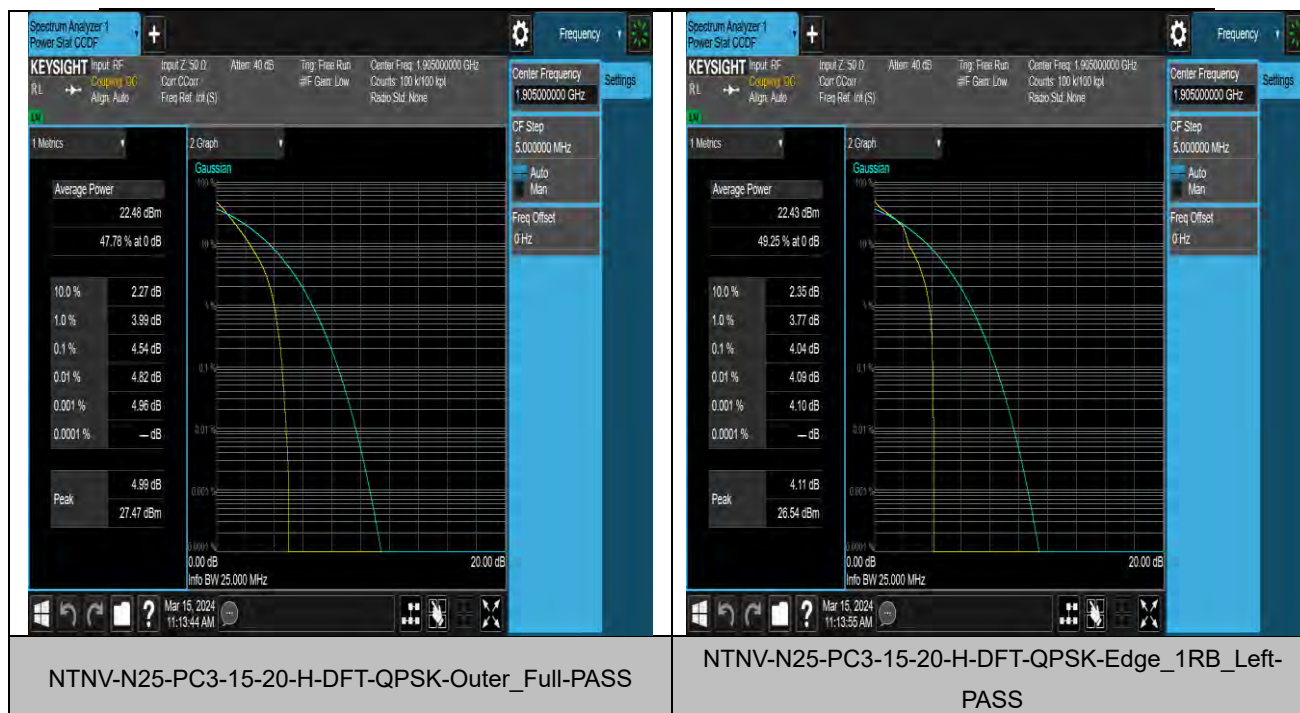
Test Graphs





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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	4.4802	4.947	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	4.4567	4.933	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	4.4742	4.890	PASS
N25	15	5	DFT-64QAM	M	Outer_Full	4.4721	4.969	PASS
N25	15	5	DFT-256QAM	M	Outer_Full	4.4659	4.995	PASS
N25	15	10	DFT-Pi2BPSK	M	Outer_Full	8.9065	9.518	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	8.9238	9.559	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	8.9297	9.542	PASS
N25	15	10	DFT-64QAM	M	Outer_Full	8.9198	9.734	PASS
N25	15	10	DFT-256QAM	M	Outer_Full	8.9143	9.556	PASS
N25	15	15	DFT-Pi2BPSK	M	Outer_Full	13.402	14.28	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	13.386	14.23	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	13.395	14.35	PASS
N25	15	15	DFT-64QAM	M	Outer_Full	13.371	14.19	PASS
N25	15	15	DFT-256QAM	M	Outer_Full	13.394	14.23	PASS
N25	15	20	DFT-Pi2BPSK	M	Outer_Full	17.835	18.78	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	17.859	19.02	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	17.882	18.78	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	17.861	19.19	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	17.879	20.00	PASS
N25	15	25	DFT-Pi2BPSK	M	Outer_Full	22.862	23.90	PASS
N25	15	25	DFT-QPSK	M	Outer_Full	22.772	23.82	PASS
N25	15	25	DFT-16QAM	M	Outer_Full	22.822	24.40	PASS
N25	15	25	DFT-64QAM	M	Outer_Full	22.840	25.33	PASS
N25	15	25	DFT-256QAM	M	Outer_Full	22.845	24.07	PASS
N25	15	30	DFT-Pi2BPSK	M	Outer_Full	28.541	29.74	PASS
N25	15	30	DFT-QPSK	M	Outer_Full	28.534	29.76	PASS
N25	15	30	DFT-16QAM	M	Outer_Full	28.473	29.70	PASS
N25	15	30	DFT-64QAM	M	Outer_Full	28.532	29.80	PASS
N25	15	30	DFT-256QAM	M	Outer_Full	28.513	29.76	PASS
N25	15	40	DFT-Pi2BPSK	M	Outer_Full	38.567	40.30	PASS
N25	15	40	DFT-QPSK	M	Outer_Full	38.574	41.16	PASS



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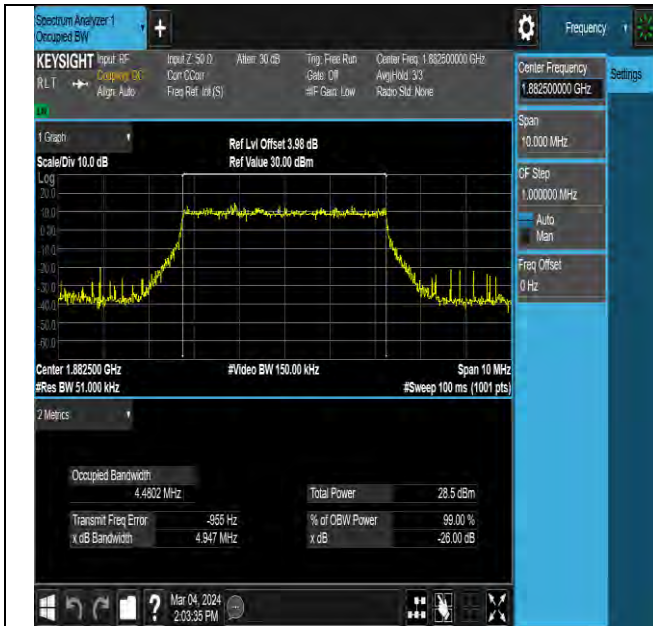
N25	15	40	DFT-16QAM	M	Outer_Full	38.483	40.17	PASS
N25	15	40	DFT-64QAM	M	Outer_Full	38.554	40.23	PASS
N25	15	40	DFT-256QAM	M	Outer_Full	38.550	40.25	PASS



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NTNV-N25-PC3-15-5-M-DFT-PI2BPSK-Outer_Full-Ant0-PASS



NTNV-N25-PC3-15-5-M-DFT-QPSK-Outer_Full-Ant0-PASS



NTNV-N25-PC3-15-5-M-DFT-16QAM-Outer_Full-Ant0-PASS

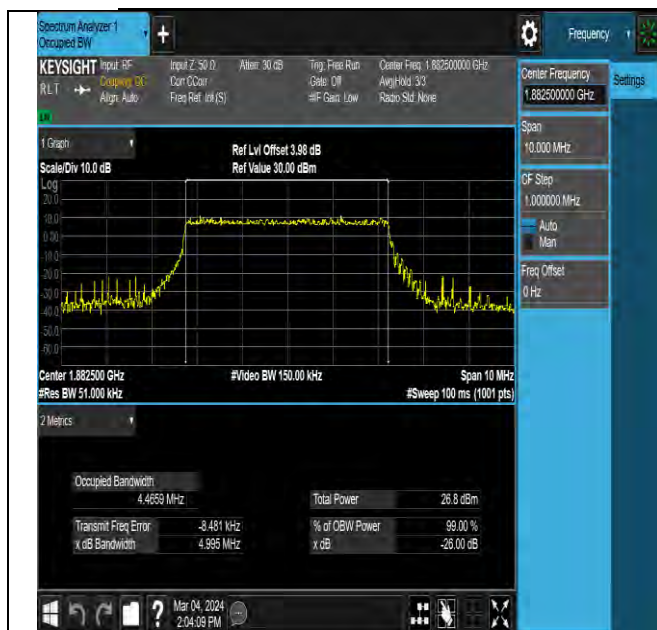


NTNV-N25-PC3-15-5-M-DFT-64QAM-Outer_Full-Ant0-PASS

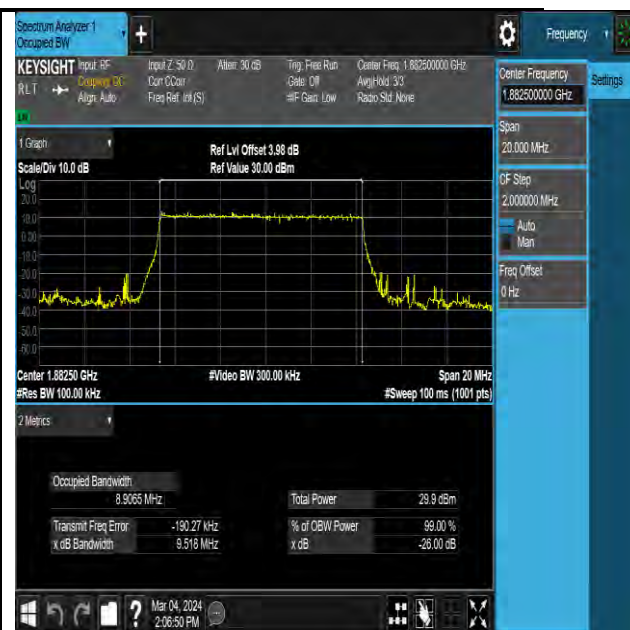


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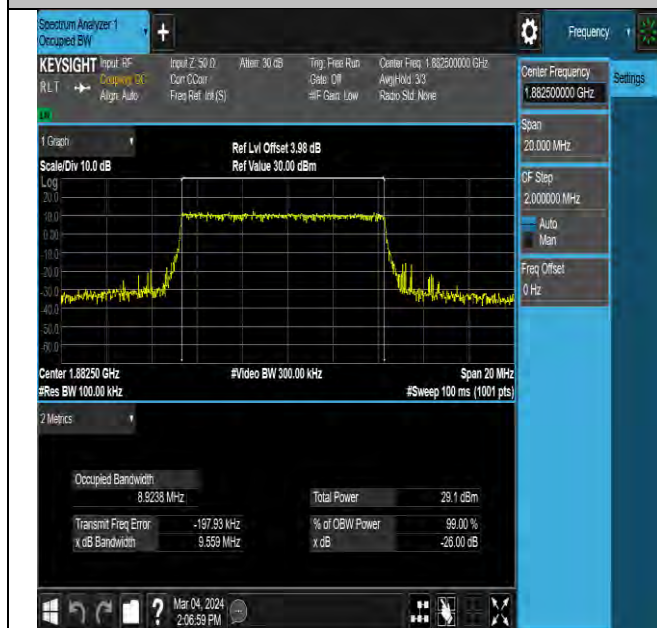
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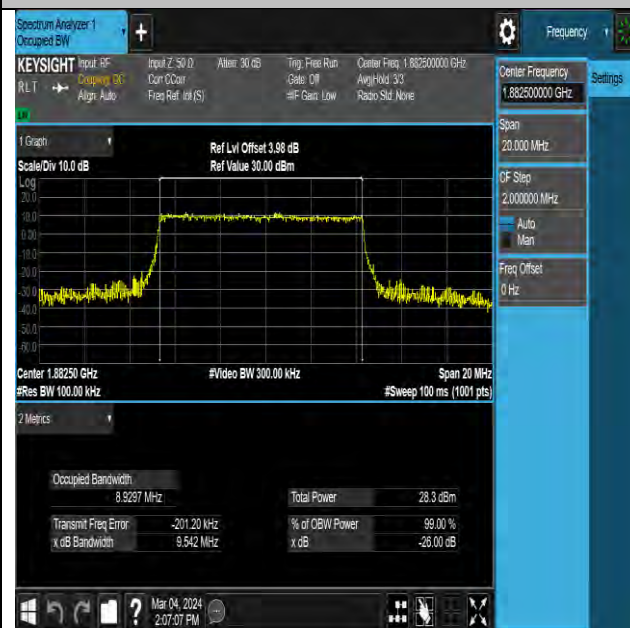
NTN-N25-PC3-15-5-M-DFT-256QAM-Outer_Full-Ant0-PASS



NTN-N25-PC3-15-10-M-DFT-PI2BPSK-Outer_Full-Ant0-PASS



NTN-N25-PC3-15-10-M-DFT-QPSK-Outer_Full-Ant0-PASS



NTN-N25-PC3-15-10-M-DFT-16QAM-Outer_Full-Ant0-PASS

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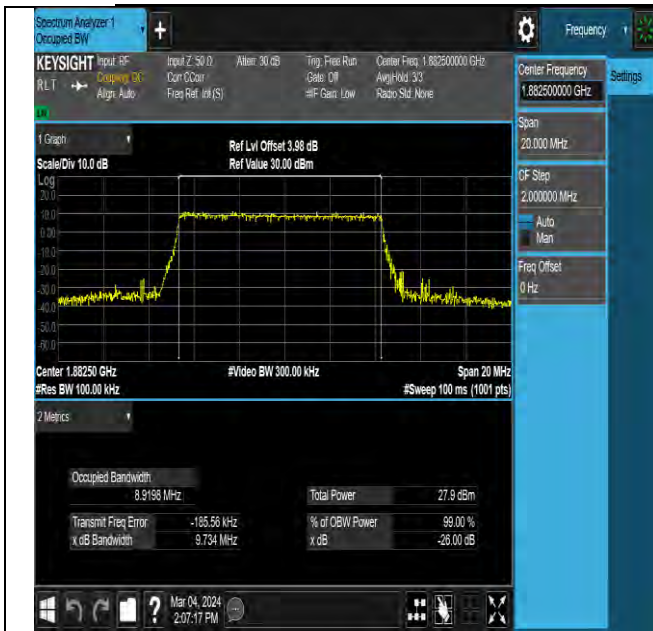
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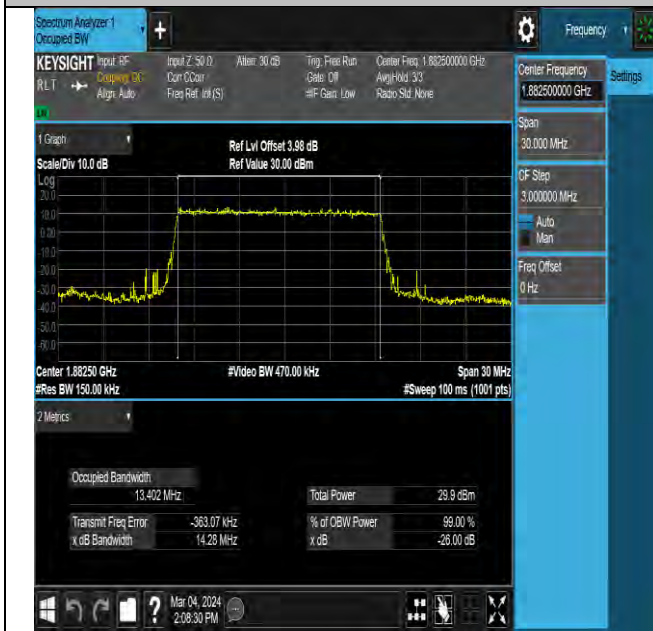
Reference No.: W7L-P23120020RF09



NTNV-N25-PC3-15-10-M-DFT-64QAM-Outer_Full-Ant0-
PASS



NTNV-N25-PC3-15-10-M-DFT-256QAM-Outer_Full-Ant0-
PASS



NTNV-N25-PC3-15-15-M-DFT-PI2BPSK-Outer_Full-Ant0-
PASS

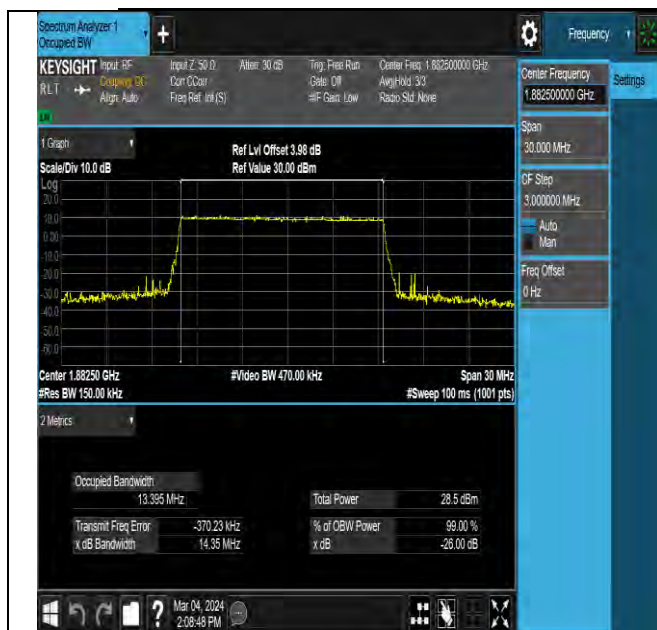


NTNV-N25-PC3-15-15-M-DFT-QPSK-Outer_Full-Ant0-
PASS

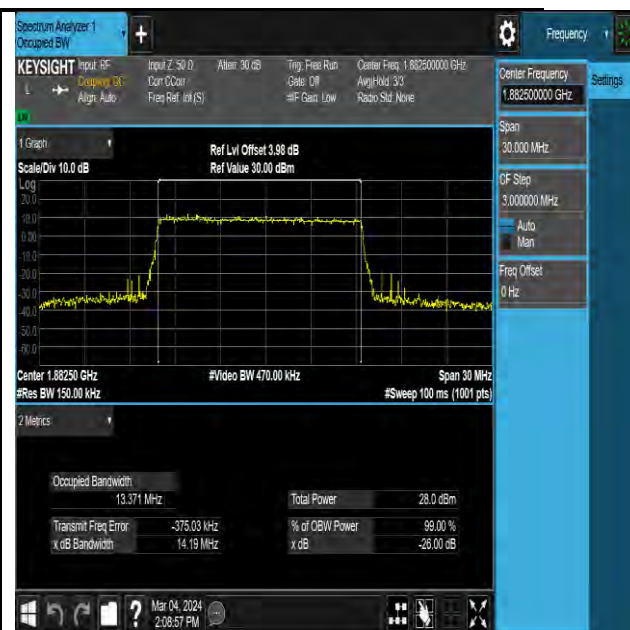


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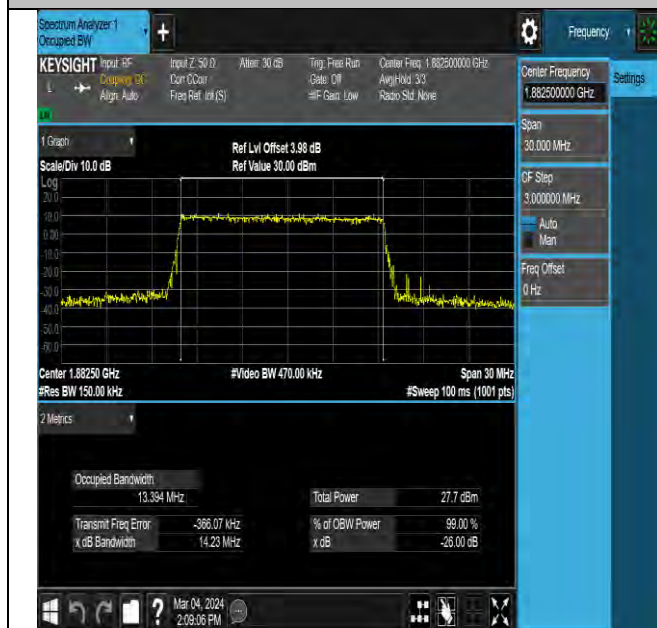
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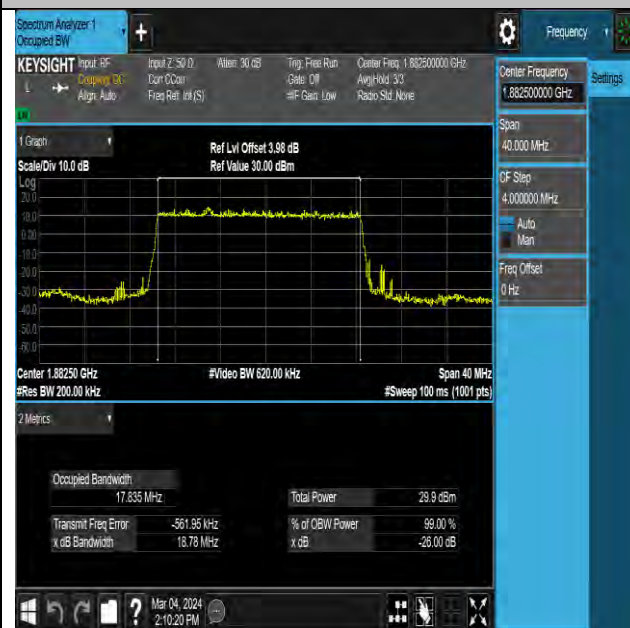
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PASS



NTNV-N25-PC3-15-15-M-DFT-64QAM-Outer_Full-Ant0-
PASS



NTNV-N25-PC3-15-15-M-DFT-256QAM-Outer_Full-Ant0-
PASS

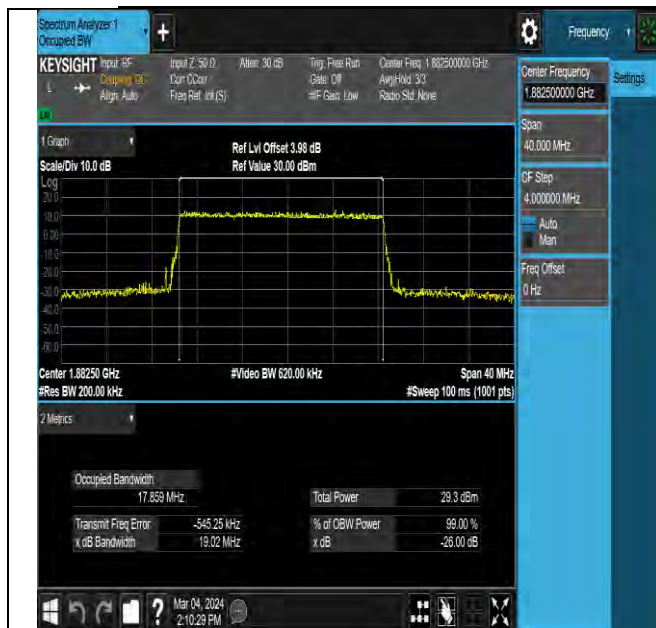


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Ant0-PASS



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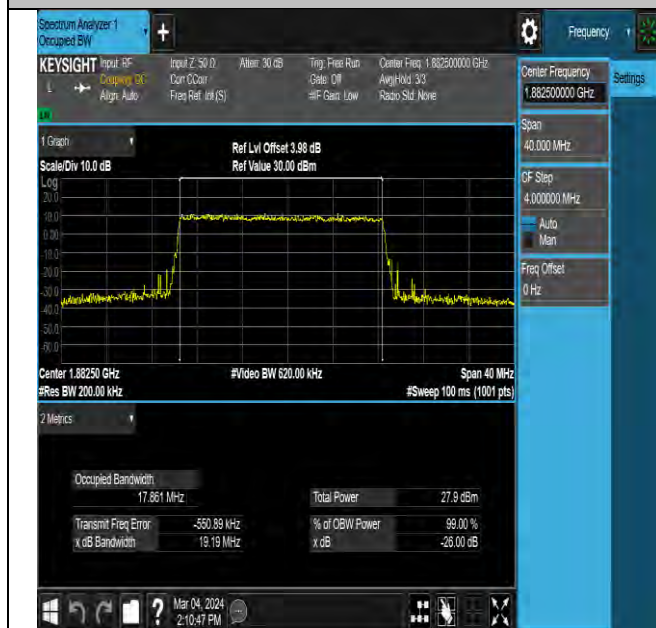
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NTNV-N25-PC3-15-20-M-DFT-16QAM-Outer_Full-Ant0-PASS



NTNV-N25-PC3-15-20-M-DFT-64QAM-Outer_Full-Ant0-PASS



NTNV-N25-PC3-15-20-M-DFT-256QAM-Outer_Full-Ant0-PASS

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Reference No.: W7L-P23120020RF09



NTNV-N25-PC3-15-25-M-DFT-P12BPSK-Outer_Full-Ant0-
PASS



NTNV-N25-PC3-15-25-M-DFT-QPSK-Outer_Full-Ant0-
PASS



NTNV-N25-PC3-15-25-M-DFT-16QAM-Outer_Full-Ant0-
PASS



NTNV-N25-PC3-15-25-M-DFT-64QAM-Outer_Full-Ant0-
PASS



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Reference No.: W7L-P23120020RF09



NTNV-N25-PC3-15-25-M-DFT-256QAM-Outer_Full-Ant0-
PASS



NTNV-N25-PC3-15-30-M-DFT-PI2BPSK-Outer_Full-
Ant0-PASS



NTNV-N25-PC3-15-30-M-DFT-QPSK-Outer_Full-Ant0-PASS



NTNV-N25-PC3-15-30-M-DFT-16QAM-Outer_Full-Ant0-
PASS

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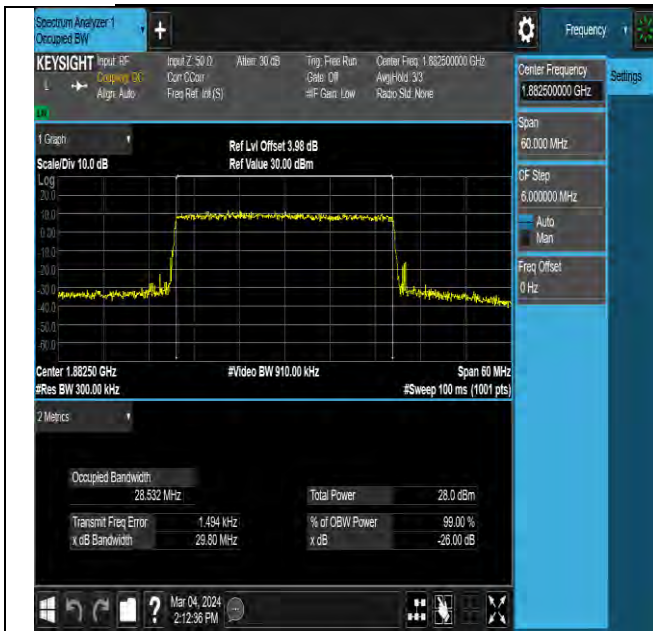
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
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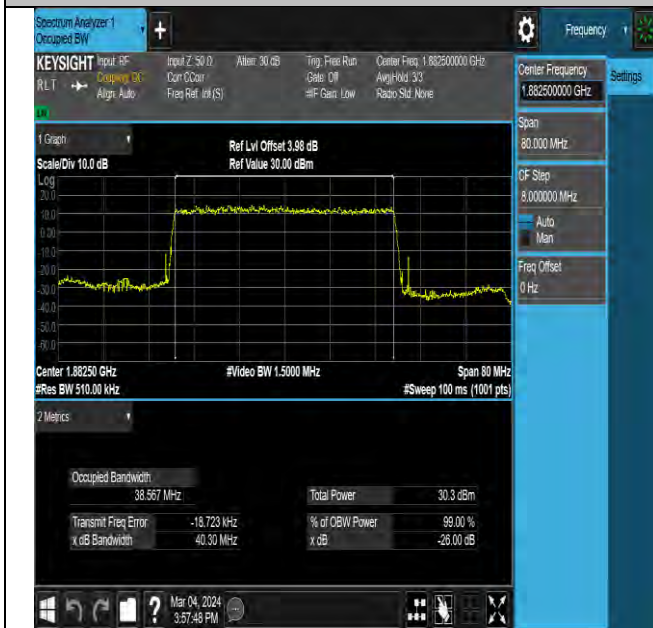
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NTNV-N25-PC3-15-30-M-DFT-64QAM-Outer_Full-Ant0-
PASS



NTNV-N25-PC3-15-30-M-DFT-256QAM-Outer_Full-Ant0-
PASS



NTNV-N25-PC3-15-40-M-DFT-PI2BPSK-Outer_Full-Ant0-
PASS



NTNV-N25-PC3-15-40-M-DFT-QPSK-Outer_Full-Ant0-
PASS

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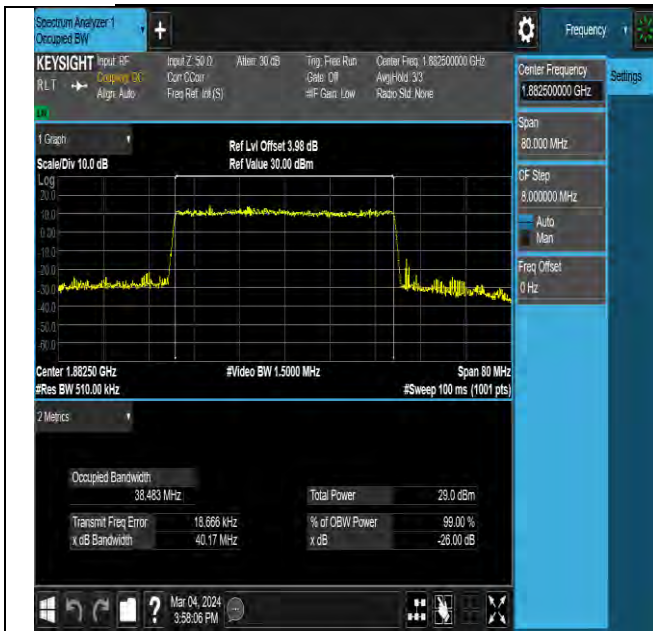
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
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Reference No.: W7L-P23120020RF09



NTNV-N25-PC3-15-40-M-DFT-16QAM-Outer_Full-Ant0-
PASS



NTNV-N25-PC3-15-40-M-DFT-64QAM-Outer_Full-Ant0-
PASS



NTNV-N25-PC3-15-40-M-DFT-256QAM-Outer_Full-Ant0-
PASS

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Band Edge for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N25	15	5	DFT-QPSK	L	Outer_Full	-33.45	PASS
N25	15	5	DFT-QPSK	L	Edge_1RB_Left	-25.04	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	-32.08	PASS
N25	15	5	DFT-QPSK	H	Edge_1RB_Right	-26.86	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	-33.32	PASS
N25	15	20	DFT-QPSK	L	Edge_1RB_Left	-35.53	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	-36.98	PASS
N25	15	20	DFT-QPSK	H	Edge_1RB_Right	-36.65	PASS
N25	15	40	DFT-QPSK	L	Outer_Full	-31.59	PASS
N25	15	40	DFT-QPSK	L	Edge_1RB_Left	-36.38	PASS
N25	15	40	DFT-QPSK	H	Edge_1RB_Right	-36.39	PASS



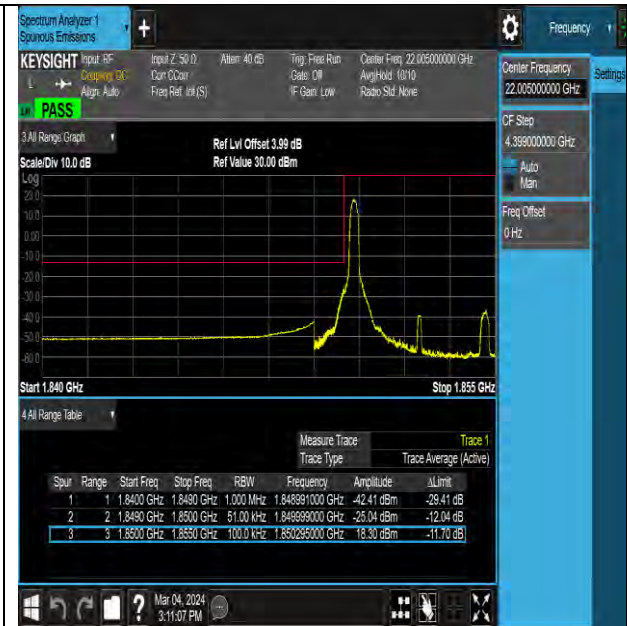
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Reference No.: W7L-P23120020RF09

Test Graphs



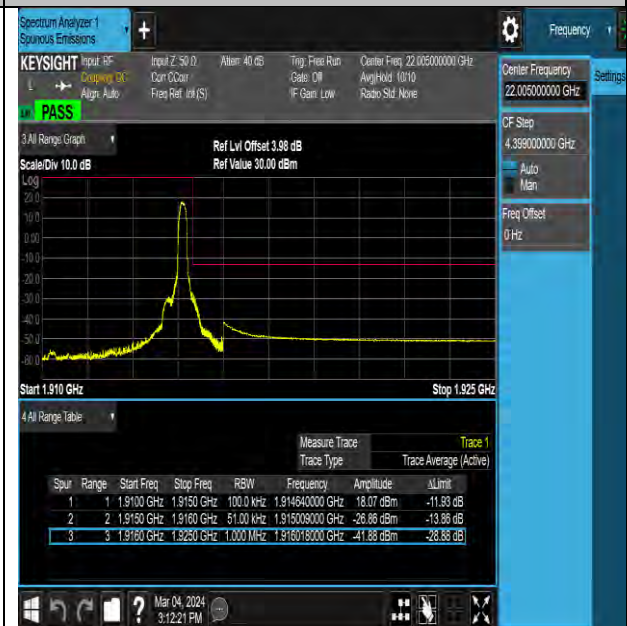
NTNV-N25-PC3-15-5-L-DFT-QPSK-Outer_Full-Ant0-PASS



NTNV-N25-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



NTNV-N25-PC3-15-5-H-DFT-QPSK-Outer_Full-Ant0-PASS

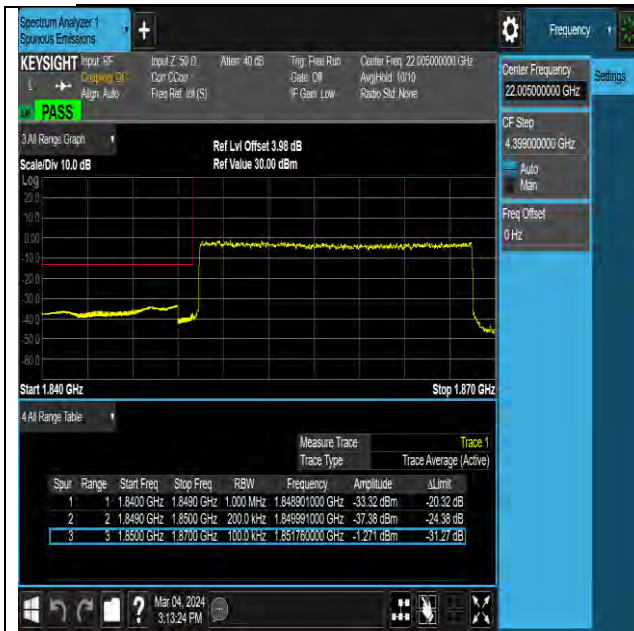


NTNV-N25-PC3-15-5-H-DFT-QPSK-Edge_1RB_Right-Ant0-PASS

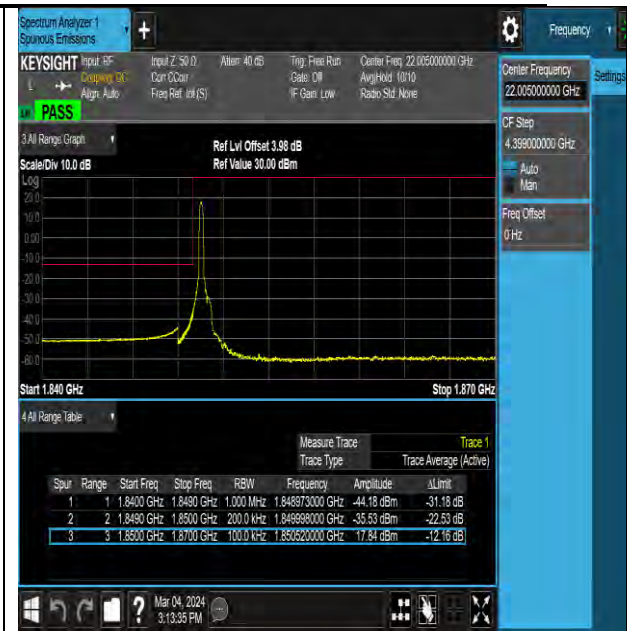


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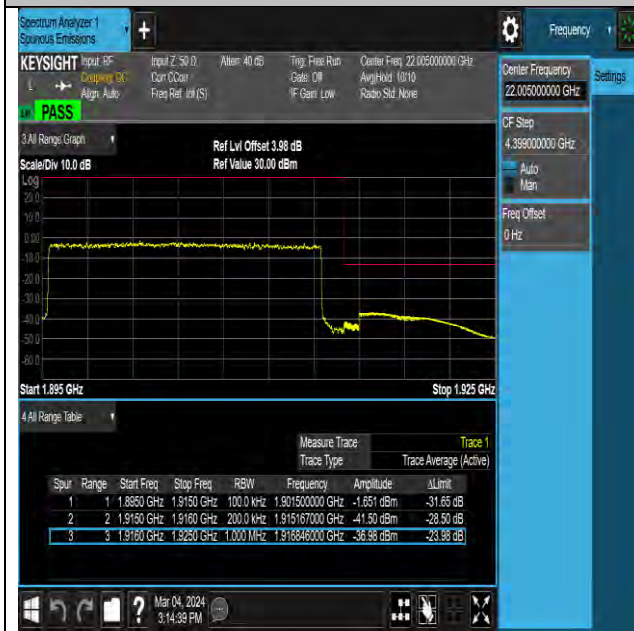
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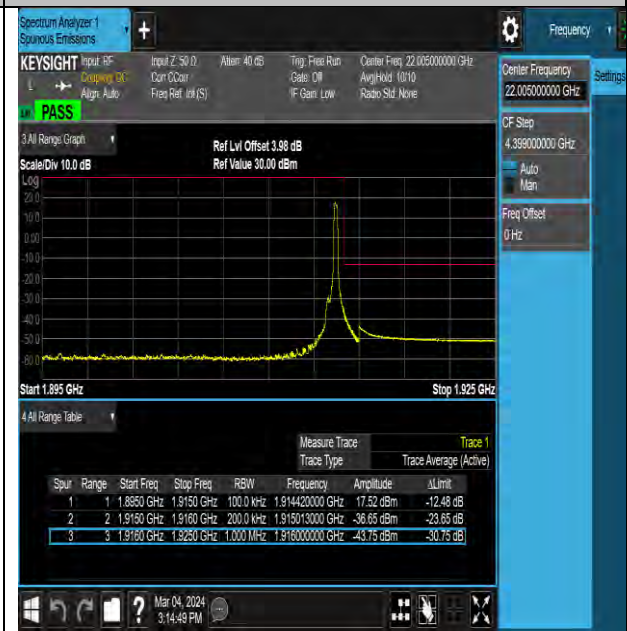
NTNV-N25-PC3-15-20-L-DFT-QPSK-Outer_Full-Ant0-
PASS



NTNV-N25-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



NTNV-N25-PC3-15-20-H-DFT-QPSK-Outer_Full-Ant0-
PASS

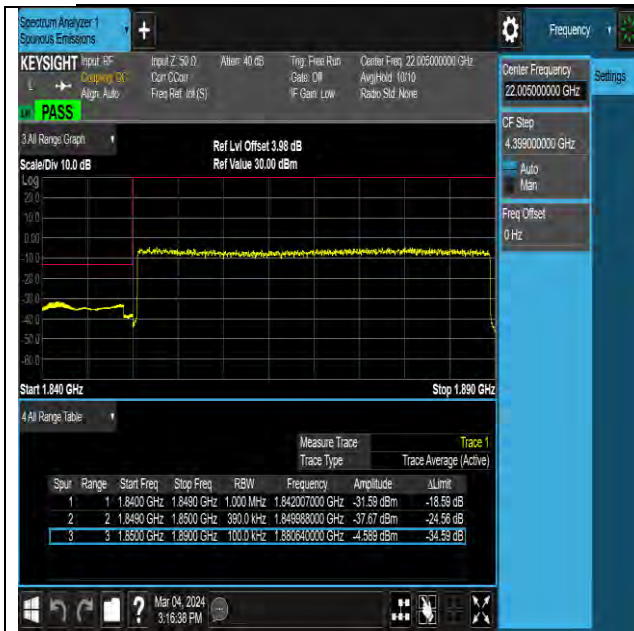


NTNV-N25-PC3-15-20-H-DFT-QPSK-
Edge_1RB_Right-Ant0-PASS

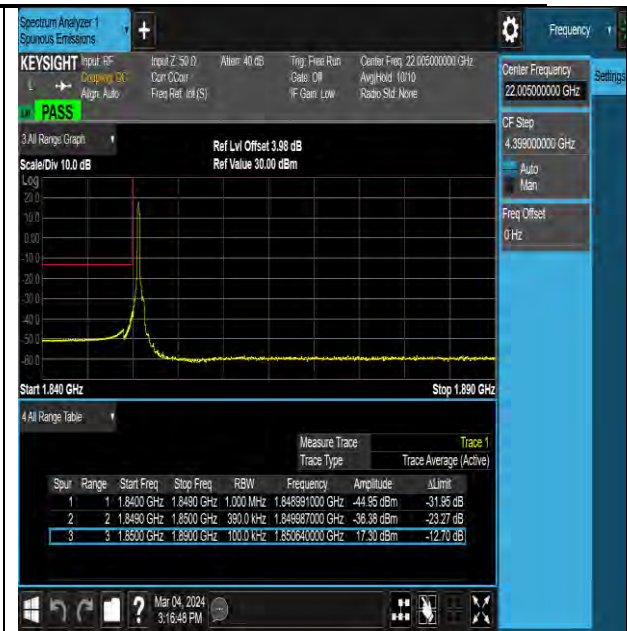


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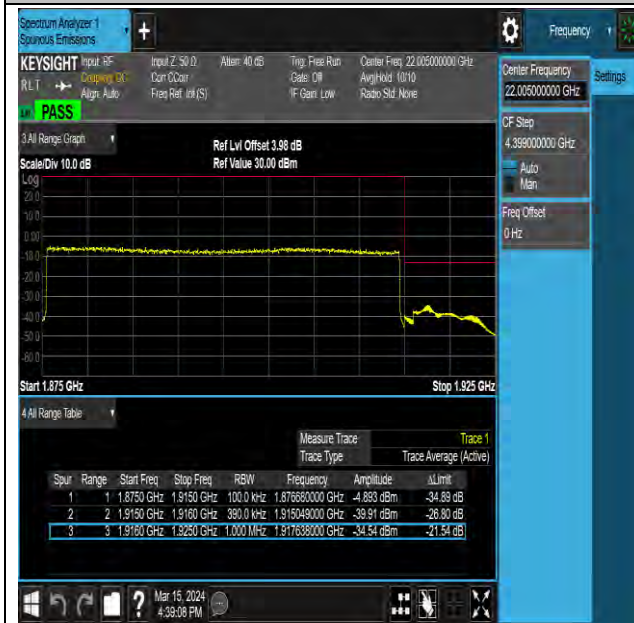
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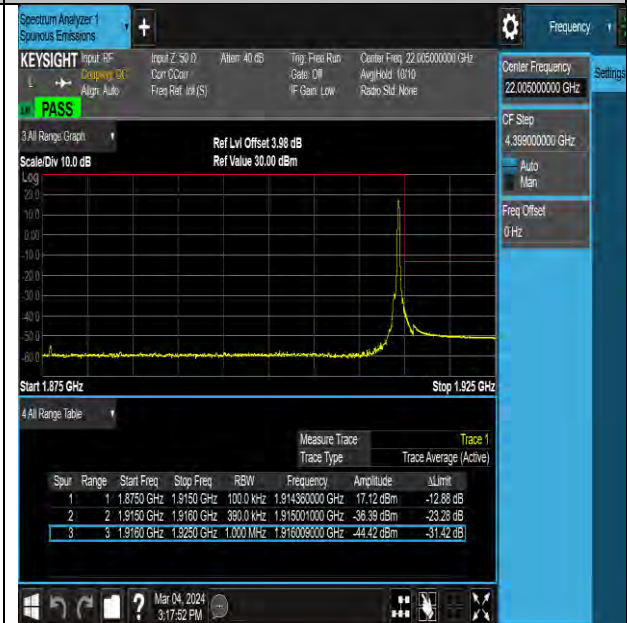
NTN-N25-PC3-15-40-L-DFT-QPSK-Outter_Full-Ant0-PASS



NTN-N25-PC3-15-40-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



NTN-N25-PC3-15-40-H-DFT-QPSK-Outter_Full-Ant0-PASS



NTN-N25-PC3-15-40-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
N25	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.37	-13	PASS
N25	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	19000	-21.41	-13	PASS
N25	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.24	-13	PASS
N25	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	19000	-36.32	-13	PASS
N25	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.42	-13	PASS
N25	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	19000	-36.28	-13	PASS
N25	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-57.19	-13	PASS
N25	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	19000	-21.43	-13	PASS
N25	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-57.18	-13	PASS
N25	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	19000	-36.23	-13	PASS
N25	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.26	-13	PASS
N25	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	19000	-36.20	-13	PASS
N25	15	15	DFT-QPSK	L	Edge_1RB_Left	30	1000	-57.07	-13	PASS
N25	15	15	DFT-QPSK	L	Edge_1RB_Left	1000	19000	-29.34	-13	PASS
N25	15	15	DFT-QPSK	M	Edge_1RB_Left	30	1000	-57.02	-13	PASS
N25	15	15	DFT-QPSK	M	Edge_1RB_Left	1000	19000	-36.21	-13	PASS
N25	15	15	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.10	-13	PASS
N25	15	15	DFT-QPSK	H	Edge_1RB_Left	1000	19000	-36.24	-13	PASS
N25	15	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.43	-13	PASS
N25	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	19000	-26.64	-13	PASS
N25	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.45	-13	PASS
N25	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	19000	-36.16	-13	PASS



Reference No.: W7L-P23120020RF09

N25	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	20000	-35.70	-13	PASS
N25	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	20000	-35.59	-13	PASS
N25	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	20000	-35.61	-13	PASS
N25	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	20000	-35.56	-13	PASS
N25	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	20000	-35.54	-13	PASS
N25	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.37	-13	PASS
N25	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	20000	-35.66	-13	PASS
N25	15	40	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.38	-13	PASS
N25	15	40	DFT-QPSK	L	Edge_1RB_Left	1000	20000	-35.57	-13	PASS
N25	15	40	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.30	-13	PASS
N25	15	40	DFT-QPSK	M	Edge_1RB_Left	1000	20000	-35.64	-13	PASS
N25	15	40	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.26	-13	PASS
N25	15	40	DFT-QPSK	H	Edge_1RB_Left	1000	20000	-35.72	-13	PASS



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Reference No.: W7L-P23120020RF09

Test Graphs



NTNV-N25-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



NTNV-N25-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



NTNV-N25-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



NTNV-N25-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-Ant0-PASS

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Reference No.: W7L-P23120020RF09



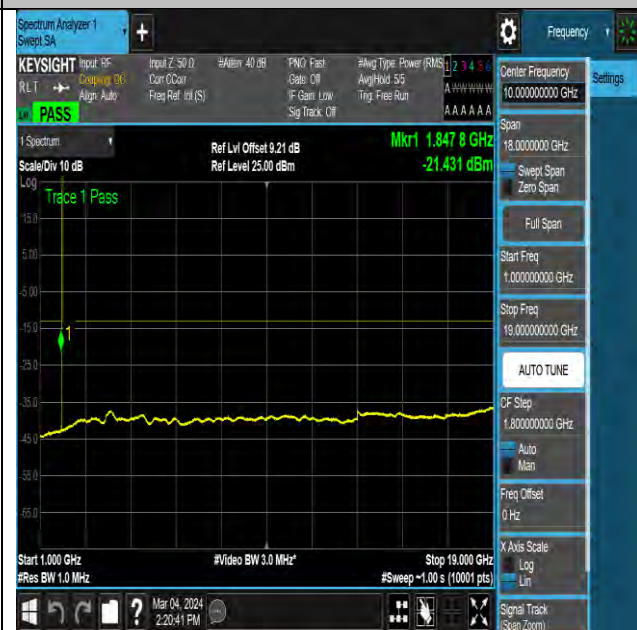
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PASS



NTNV-N25-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



NTNV-N25-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant0-
PASS



NTNV-N25-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



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Reference No.: W7L-P23120020RF09



NTNV-N25-PC3-15-10-M-DFT-QPSK-Edge_1RB_Left-Ant0-
PASS



NTNV-N25-PC3-15-10-M-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



NTNV-N25-PC3-15-10-H-DFT-QPSK-Edge_1RB_Left-Ant0-
PASS



NTNV-N25-PC3-15-10-H-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS

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Reference No.: W7L-P23120020RF09



NTNV-N25-PC3-15-15-L-DFT-QPSK-Edge_1RB_Left-Ant0-
PASS



NTNV-N25-PC3-15-15-L-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



NTNV-N25-PC3-15-15-M-DFT-QPSK-Edge_1RB_Left-Ant0-
PASS



NTNV-N25-PC3-15-15-M-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



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Reference No.: W7L-P23120020RF09



NTNV-N25-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-Ant0-
PASS



NTNV-N25-PC3-15-20-M-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



NTNV-N25-PC3-15-20-M-DFT-QPSK-Edge_1RB_Left-Ant0-
PASS



NTNV-N25-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS

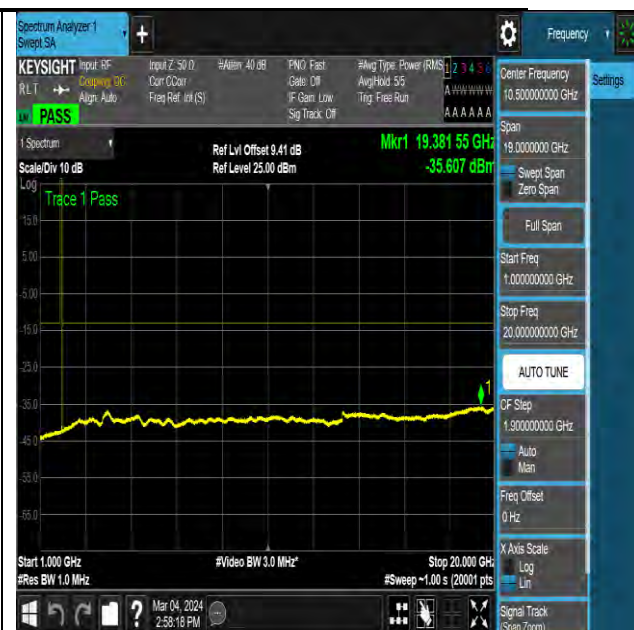


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Reference No.: W7L-P23120020RF09



NTNV-N25-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-Ant0-
PASS



NTNV-N25-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



NTNV-N25-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-Ant0-
PASS



NTNV-N25-PC3-15-20-M-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



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Reference No.: W7L-P23120020RF09



NTNV-N25-PC3-15-20-H-DFT-QPSK-Edge_1RB_Left-Ant0-
PASS



NTNV-N25-PC3-15-20-H-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



NTNV-N25-PC3-15-40-L-DFT-QPSK-Edge_1RB_Left-Ant0-
PASS



NTNV-N25-PC3-15-40-L-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



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Reference No.: W7L-P23120020RF09



NTVN-N25-PC3-15-40-M-DFT-QPSK-Edge_1RB_Left-Ant0-
PASS



NTVN-N25-PC3-15-40-M-DFT-QPSK-Edge_1RB_Left-
Ant0-PASS



NTVN-N25-PC3-15-40-H-DFT-QPSK-Edge_1RB_Left-Ant0-
PASS



NTVN-N25-PC3-15-40-H-DFT-QPSK-Edge_1RB_Left-
Ant0-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)	Verdict
N25	15	20	DFT-QPSK	L	Outer_Full	VL	NT	6.000000	0.003226	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VN	NT	19.000000	0.010215	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VH	NT	2.000000	0.001075	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VL	NT	18.000000	0.009562	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VN	NT	4.000000	0.002125	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VH	NT	10.000000	0.005312	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VL	NT	4.000000	0.002100	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VN	NT	17.000000	0.008924	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VH	NT	19.000000	0.009974	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-30	15.000000	0.008065	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-20	5.000000	0.002688	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-10	18.000000	0.009677	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	0	15.000000	0.008065	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	10	18.000000	0.009677	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	20	12.000000	0.006452	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	30	2.000000	0.001075	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	40	15.000000	0.008065	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	50	17.000000	0.009140	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-30	4.000000	0.002125	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-20	6.000000	0.003187	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-10	19.000000	0.010093	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	0	9.000000	0.004781	PASS



Reference No.: W7L-P23120020RF09

N25	15	20	DFT-QPSK	M	Outer_Full	NV	10	3.000000	0.001594	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	20	12.000000	0.006375	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	30	3.000000	0.001594	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	40	16.000000	0.008499	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	50	9.000000	0.004781	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-30	1.000000	0.000525	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-20	4.000000	0.002100	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-10	4.000000	0.002100	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	0	7.000000	0.003675	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	10	19.000000	0.009974	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	20	3.000000	0.001575	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	30	15.000000	0.007874	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	40	9.000000	0.004724	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	50	12.000000	0.006299	PASS

N26_824-849

Peak-to-Average Ratio(CCDF)

Test Result

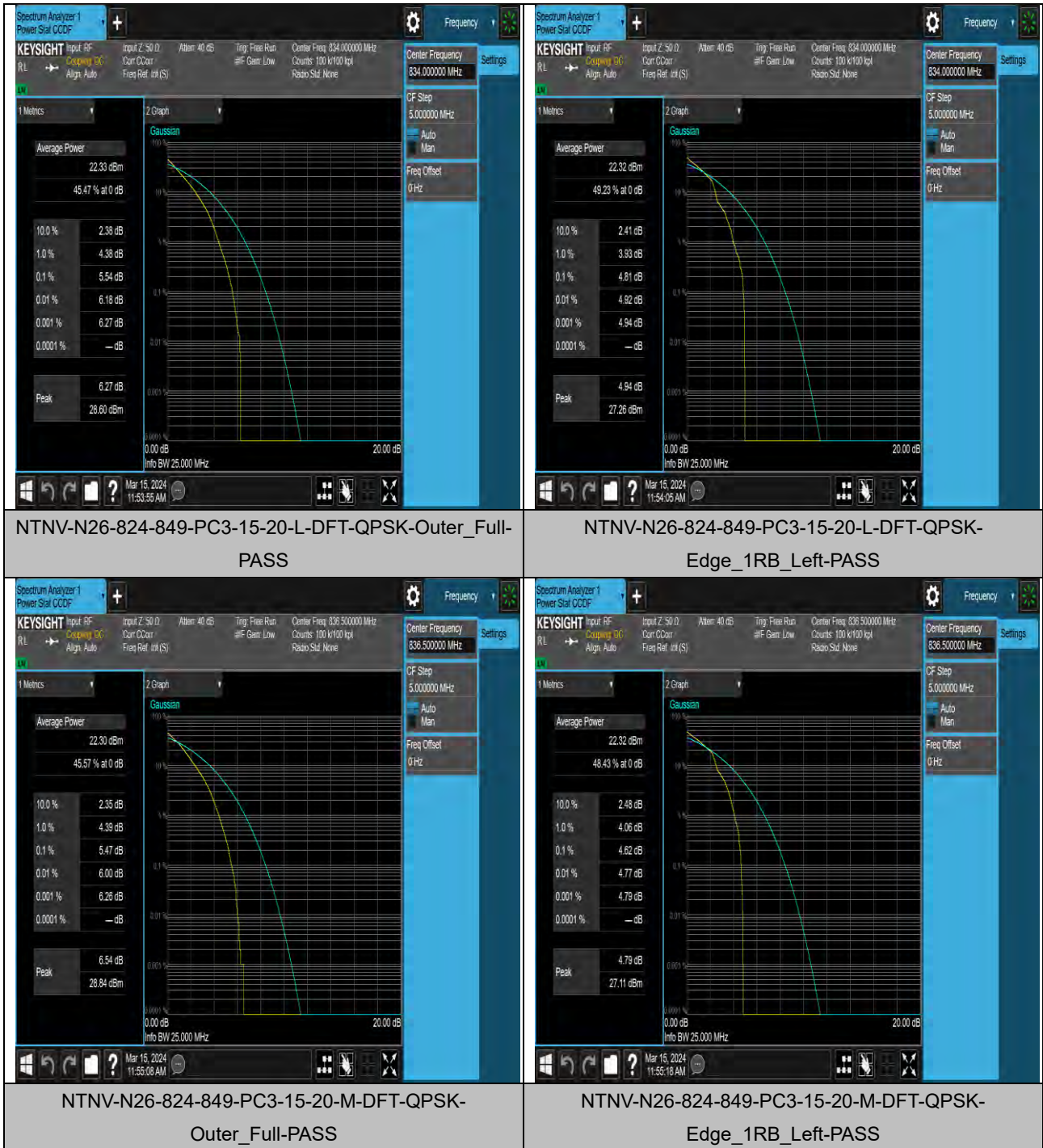
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N26-824-849	15	20	DFT-QPSK	L	Outer_Full	5.54	≤13	PASS
N26-824-849	15	20	DFT-QPSK	L	Edge_1RB_Left	4.81	≤13	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	5.47	≤13	PASS
N26-824-849	15	20	DFT-QPSK	M	Edge_1RB_Left	4.62	≤13	PASS
N26-824-849	15	20	DFT-QPSK	H	Outer_Full	5.39	≤13	PASS
N26-824-849	15	20	DFT-QPSK	H	Edge_1RB_Left	4.88	≤13	PASS



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Test Graphs



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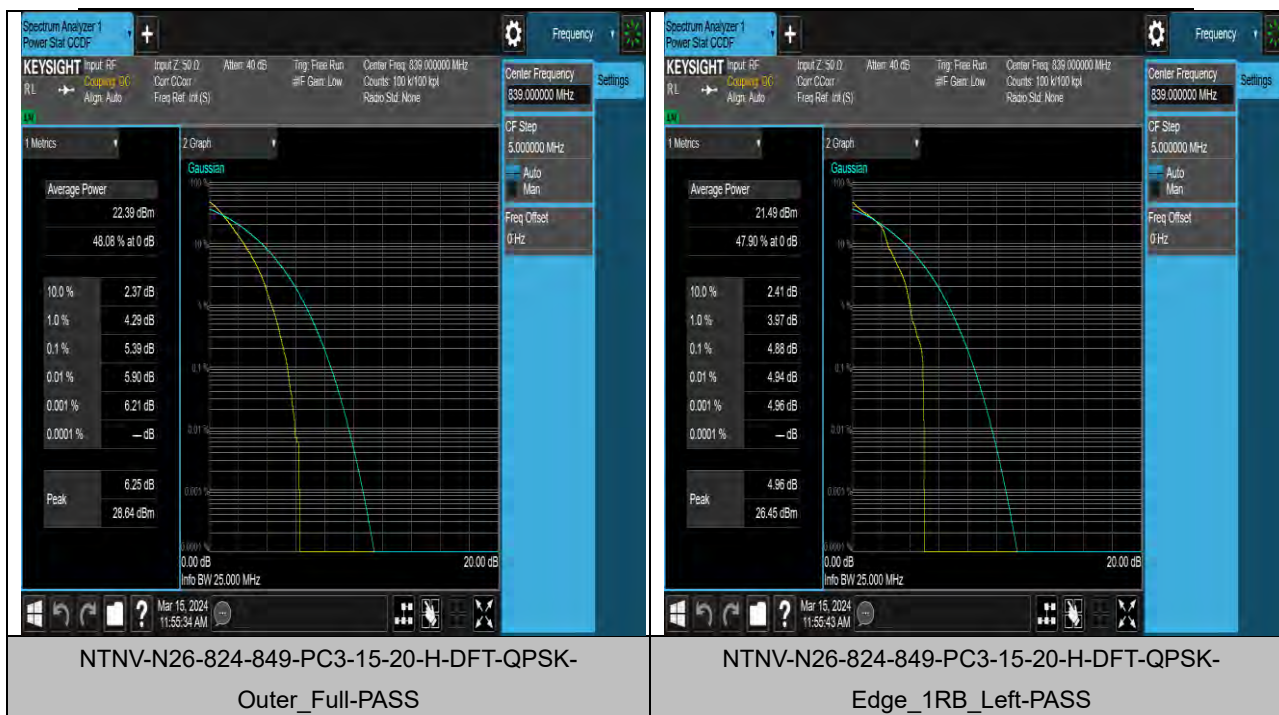
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**26dB Bandwidth and Occupied Bandwidth for SA****Test Result**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N26-824-849	15	5	DFT-PI2BPSK	M	Outer_Full	4.4802	4.967	PASS
N26-824-849	15	5	DFT-QPSK	M	Outer_Full	4.4587	4.948	PASS
N26-824-849	15	5	DFT-16QAM	M	Outer_Full	4.4630	5.013	PASS
N26-824-849	15	5	DFT-64QAM	M	Outer_Full	4.4751	5.035	PASS
N26-824-849	15	5	DFT-256QAM	M	Outer_Full	4.4723	4.984	PASS
N26-824-849	15	10	DFT-PI2BPSK	M	Outer_Full	8.9324	9.725	PASS
N26-824-849	15	10	DFT-QPSK	M	Outer_Full	8.9233	9.695	PASS
N26-824-849	15	10	DFT-16QAM	M	Outer_Full	8.9267	9.595	PASS
N26-824-849	15	10	DFT-64QAM	M	Outer_Full	8.9217	9.522	PASS
N26-824-849	15	10	DFT-256QAM	M	Outer_Full	8.9276	9.513	PASS
N26-824-849	15	15	DFT-PI2BPSK	M	Outer_Full	13.402	14.34	PASS
N26-824-849	15	15	DFT-QPSK	M	Outer_Full	13.390	14.17	PASS
N26-824-849	15	15	DFT-16QAM	M	Outer_Full	13.407	14.27	PASS
N26-824-849	15	15	DFT-64QAM	M	Outer_Full	13.413	14.28	PASS
N26-824-849	15	15	DFT-256QAM	M	Outer_Full	13.414	14.25	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	17.846	18.82	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	17.887	18.83	PASS



Reference No.: W7L-P23120020RF09

N26-824-849	15	20	DFT-16QAM	M	Outer_Full	17.913	18.85	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	17.876	18.78	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	17.877	18.77	PASS