



Report No.: SUHR/2022/1000606

Rev.: 01

Page: 1 of 69

# Appendix



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## Effective (Isotropic) Radiated Power Output Data for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.82	25.32	33	PASS
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.71	25.21	33	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	23.87	25.37	33	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	23.89	25.39	33	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Right	23.80	25.30	33	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	23.84	25.34	33	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	23.94	25.44	33	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Right	23.82	25.32	33	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	22.86	24.36	33	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Left	22.10	23.60	33	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Right	22.01	23.51	33	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	22.34	23.84	33	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Left	20.39	21.89	33	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Right	20.37	21.87	33	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	20.28	21.78	33	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.71	25.21	33	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.67	25.17	33	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	23.72	25.22	33	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	23.73	25.23	33	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Right	23.69	25.19	33	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	23.74	25.24	33	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	23.77	25.27	33	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Right	23.78	25.28	33	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	22.73	24.23	33	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Left	21.86	23.36	33	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Right	21.80	23.30	33	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	22.23	23.73	33	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Left	20.32	21.82	33	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Right	20.29	21.79	33	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	20.24	21.74	33	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.41	24.91	33	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.40	24.90	33	PASS



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N2	15	5	DFT-PI2BPSK	H	Outer_Full	23.43	24.93	33	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Left	23.44	24.94	33	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Right	23.40	24.90	33	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	23.40	24.90	33	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Left	23.49	24.99	33	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Right	23.52	25.02	33	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	22.39	23.89	33	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Left	21.54	23.04	33	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Right	21.50	23.00	33	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	21.97	23.47	33	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Left	20.02	21.52	33	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Right	19.96	21.46	33	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	19.88	21.38	33	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.85	25.35	33	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.76	25.26	33	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	23.79	25.29	33	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Left	23.94	25.44	33	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Right	23.72	25.22	33	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	23.85	25.35	33	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Left	23.98	25.48	33	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Right	23.78	25.28	33	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	22.83	24.33	33	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Left	22.17	23.67	33	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Right	21.97	23.47	33	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	22.31	23.81	33	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Left	20.42	21.92	33	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Right	20.32	21.82	33	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	20.35	21.85	33	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.73	25.23	33	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.82	25.32	33	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	23.80	25.30	33	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Left	23.69	25.19	33	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Right	23.78	25.28	33	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	23.76	25.26	33	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Left	23.75	25.25	33	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Right	23.86	25.36	33	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	22.77	24.27	33	PASS



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N2	15	10	DFT-64QAM	M	Inner_1RB_Left	21.98	23.48	33	PASS
N2	15	10	DFT-64QAM	M	Inner_1RB_Right	22.06	23.56	33	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	22.33	23.83	33	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Left	20.36	21.86	33	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Right	20.41	21.91	33	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	20.28	21.78	33	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.56	25.06	33	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.51	25.01	33	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	23.52	25.02	33	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Left	23.58	25.08	33	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Right	23.46	24.96	33	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	23.47	24.97	33	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Left	23.62	25.12	33	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Right	23.51	25.01	33	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	22.49	23.99	33	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Left	21.79	23.29	33	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Right	21.77	23.27	33	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	21.94	23.44	33	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Left	20.11	21.61	33	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Right	20.01	21.51	33	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	20.00	21.50	33	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.60	25.10	33	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.44	24.94	33	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	23.67	25.17	33	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Left	23.65	25.15	33	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Right	23.48	24.98	33	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	23.65	25.15	33	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Left	23.56	25.06	33	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Right	23.38	24.88	33	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	22.64	24.14	33	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Left	21.89	23.39	33	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Right	21.70	23.20	33	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	22.15	23.65	33	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Left	20.28	21.78	33	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Right	20.12	21.62	33	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	20.16	21.66	33	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.51	25.01	33	PASS



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N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.53	25.03	33	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	23.69	25.19	33	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Left	23.52	25.02	33	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Right	23.57	25.07	33	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	23.70	25.20	33	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	23.55	25.05	33	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Right	23.62	25.12	33	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	22.66	24.16	33	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Left	21.79	23.29	33	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Right	21.89	23.39	33	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	22.15	23.65	33	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Left	20.19	21.69	33	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Right	20.39	21.89	33	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	20.22	21.72	33	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.22	24.72	33	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.08	24.58	33	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	23.34	24.84	33	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	23.30	24.80	33	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Right	23.14	24.64	33	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	23.38	24.88	33	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	23.23	24.73	33	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Right	23.03	24.53	33	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	22.35	23.85	33	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Left	21.49	22.99	33	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Right	21.40	22.90	33	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	21.85	23.35	33	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Left	19.90	21.40	33	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Right	19.87	21.37	33	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	19.94	21.44	33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.66	25.16	33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.44	24.94	33	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	23.64	25.14	33	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	23.74	25.24	33	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	23.47	24.97	33	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	23.69	25.19	33	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	23.66	25.16	33	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Right	23.31	24.81	33	PASS



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Table with 10 columns: Test ID, Modulation, Bandwidth, Modulation, Constellation, Test Method, SNR, SNR, SNR, Result. Rows include various DFT and DFT-PI2BPSK tests with results like PASS.



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## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N2	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.01	≤13	PASS
N2	15	20	CP-256QAM	L	Outer_Full	100%	0.00	8.62	≤13	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.12	≤13	PASS
N2	15	20	CP-256QAM	M	Outer_Full	100%	0.00	8.67	≤13	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	7.88	≤13	PASS
N2	15	20	CP-256QAM	H	Outer_Full	100%	0.00	8.81	≤13	PASS



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Test Graphs



1-N2-15-20-L-1-DFT-256QAM-Outer\_Full-100@0-Ant  
t1-8.01-100%-0.00-8.01-PASS-≤13



1-N2-15-20-L-2-CP-256QAM-Outer\_Full-106@0-Ant  
1-8.62-100%-0.00-8.62-PASS-≤13



1-N2-15-20-M-1-DFT-256QAM-Outer\_Full-100@0-A  
nt1-8.12-100%-0.00-8.12-PASS-≤13



1-N2-15-20-M-2-CP-256QAM-Outer\_Full-106@0-Ant  
t1-8.67-100%-0.00-8.67-PASS-≤13



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1-N2-15-20-H-1-DFT-256QAM-Outer\_Full-100@0-An  
t1-7.88-100%-0.00-7.88-PASS-≤13



1-N2-15-20-H-2-CP-256QAM-Outer\_Full-106@0-An  
t1-8.81-100%-0.00-8.81-PASS-≤13



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## Modulation characteristics for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N2	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-256QAM	M	Outer_Full	see graph	PASS



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Test Graphs

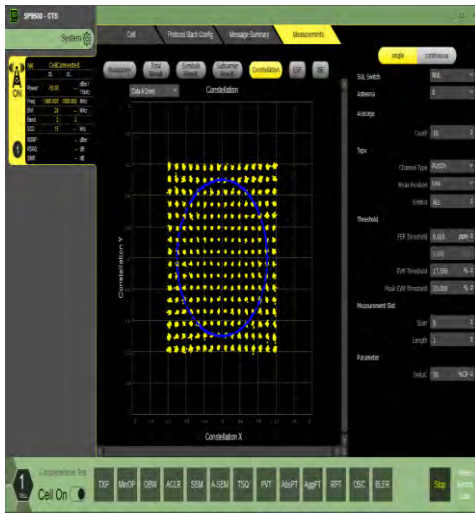
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<p>1-N2-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant 1-see graph-PASS</p>	<p>1-N2-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant 1-see graph-PASS</p>



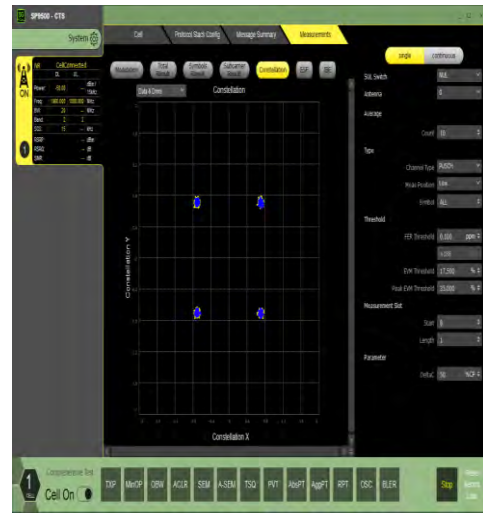
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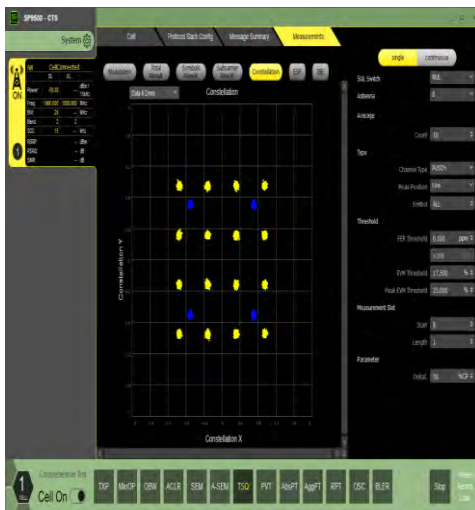




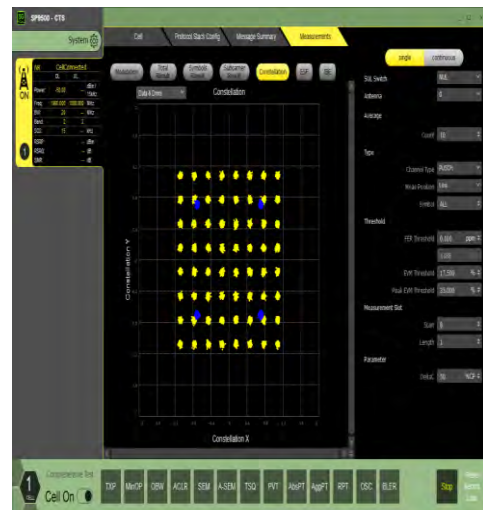
1-N2-15-20-M-5-DFT-256QAM-Outer\_Full-100@0-Ant1-see graph-PASS



1-N2-15-20-M-6-CP-QPSK-Outer\_Full-106@0-Ant1-see graph-PASS



1-N2-15-20-M-7-CP-16QAM-Outer\_Full-106@0-Ant1-see graph-PASS

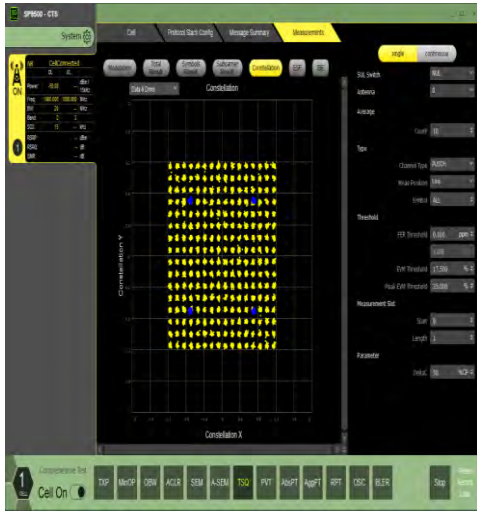


1-N2-15-20-M-8-CP-64QAM-Outer\_Full-106@0-Ant1-see graph-PASS



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1-N2-15-20-M-9-CP-256QAM-Outer\_Full-106@0-Ant  
1-see graph-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
N2	15	5	DFT-QPSK	L	Outer_Full	4.4735	4.854	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	4.4683	4.873	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	4.4624	4.910	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	4.4744	4.864	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	4.4676	4.856	PASS
N2	15	5	CP-QPSK	L	Outer_Full	4.4649	4.908	PASS
N2	15	5	CP-16QAM	L	Outer_Full	4.4664	4.894	PASS
N2	15	5	CP-64QAM	L	Outer_Full	4.4633	4.896	PASS
N2	15	5	CP-256QAM	L	Outer_Full	4.4645	4.848	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	4.4772	4.874	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	4.4766	4.867	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	4.4641	4.880	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	4.4714	4.857	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	4.4710	4.829	PASS
N2	15	5	CP-QPSK	M	Outer_Full	4.4668	4.886	PASS
N2	15	5	CP-16QAM	M	Outer_Full	4.4646	4.850	PASS
N2	15	5	CP-64QAM	M	Outer_Full	4.4597	4.955	PASS
N2	15	5	CP-256QAM	M	Outer_Full	4.4672	4.848	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	4.4726	4.861	PASS
N2	15	5	DFT-PI2BPSK	H	Outer_Full	4.4705	4.885	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	4.4561	4.837	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	4.4743	4.872	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	4.4663	4.870	PASS
N2	15	5	CP-QPSK	H	Outer_Full	4.4669	4.928	PASS
N2	15	5	CP-16QAM	H	Outer_Full	4.4749	4.911	PASS
N2	15	5	CP-64QAM	H	Outer_Full	4.4648	4.885	PASS
N2	15	5	CP-256QAM	H	Outer_Full	4.4670	4.845	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	8.9017	9.540	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	8.9154	9.497	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	8.9394	9.562	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	8.9204	9.416	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	8.9130	9.447	PASS



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N2	15	10	CP-QPSK	L	Outer_Full	9.2960	9.958	PASS
N2	15	10	CP-16QAM	L	Outer_Full	9.2720	9.932	PASS
N2	15	10	CP-64QAM	L	Outer_Full	9.2921	9.866	PASS
N2	15	10	CP-256QAM	L	Outer_Full	9.2840	9.794	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	8.9017	9.568	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	8.8960	9.442	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	8.9405	9.538	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	8.9270	9.378	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	8.9129	9.482	PASS
N2	15	10	CP-QPSK	M	Outer_Full	9.2893	9.921	PASS
N2	15	10	CP-16QAM	M	Outer_Full	9.2908	9.886	PASS
N2	15	10	CP-64QAM	M	Outer_Full	9.3047	9.939	PASS
N2	15	10	CP-256QAM	M	Outer_Full	9.2921	9.855	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	8.9137	9.484	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	8.9058	9.454	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	8.9330	9.469	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	8.9072	9.429	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	8.9154	9.455	PASS
N2	15	10	CP-QPSK	H	Outer_Full	9.2949	9.881	PASS
N2	15	10	CP-16QAM	H	Outer_Full	9.2774	9.847	PASS
N2	15	10	CP-64QAM	H	Outer_Full	9.2936	9.925	PASS
N2	15	10	CP-256QAM	H	Outer_Full	9.2860	9.825	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	13.412	14.07	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	13.382	14.13	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	13.416	14.15	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	13.411	14.14	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	13.411	14.10	PASS
N2	15	15	CP-QPSK	L	Outer_Full	14.089	14.87	PASS
N2	15	15	CP-16QAM	L	Outer_Full	14.071	14.84	PASS
N2	15	15	CP-64QAM	L	Outer_Full	14.091	14.78	PASS
N2	15	15	CP-256QAM	L	Outer_Full	14.099	14.83	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	13.416	14.15	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	13.386	14.12	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	13.417	14.11	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	13.383	14.10	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	13.428	14.16	PASS
N2	15	15	CP-QPSK	M	Outer_Full	14.106	14.87	PASS



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N2	15	15	CP-16QAM	M	Outer_Full	14.082	14.79	PASS
N2	15	15	CP-64QAM	M	Outer_Full	14.075	14.79	PASS
N2	15	15	CP-256QAM	M	Outer_Full	14.079	14.88	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	13.424	14.06	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	13.381	14.11	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	13.409	14.15	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	13.396	14.09	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	13.394	14.15	PASS
N2	15	15	CP-QPSK	H	Outer_Full	14.104	14.85	PASS
N2	15	15	CP-16QAM	H	Outer_Full	14.078	14.82	PASS
N2	15	15	CP-64QAM	H	Outer_Full	14.103	14.75	PASS
N2	15	15	CP-256QAM	H	Outer_Full	14.091	14.82	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	17.861	18.72	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	17.884	18.70	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	17.866	18.70	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	17.866	18.70	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	17.843	18.64	PASS
N2	15	20	CP-QPSK	L	Outer_Full	18.887	19.74	PASS
N2	15	20	CP-16QAM	L	Outer_Full	18.909	19.79	PASS
N2	15	20	CP-64QAM	L	Outer_Full	18.892	19.75	PASS
N2	15	20	CP-256QAM	L	Outer_Full	18.914	19.76	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	17.857	18.70	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	17.858	18.76	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	17.848	18.65	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	17.822	18.68	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	17.809	18.63	PASS
N2	15	20	CP-QPSK	M	Outer_Full	18.867	19.70	PASS
N2	15	20	CP-16QAM	M	Outer_Full	18.887	19.80	PASS
N2	15	20	CP-64QAM	M	Outer_Full	18.875	19.77	PASS
N2	15	20	CP-256QAM	M	Outer_Full	18.874	19.66	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	17.854	18.70	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	17.856	18.67	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	17.844	18.67	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	17.849	18.70	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	17.816	18.63	PASS
N2	15	20	CP-QPSK	H	Outer_Full	18.880	19.73	PASS
N2	15	20	CP-16QAM	H	Outer_Full	18.891	19.75	PASS



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Report No.: SUHR/2022/1000606

Rev.: 01

Page: 17 of 69

N2	15	20	CP-64QAM	H	Outer_Full	18.856	19.71	PASS
N2	15	20	CP-256QAM	H	Outer_Full	18.891	19.68	PASS



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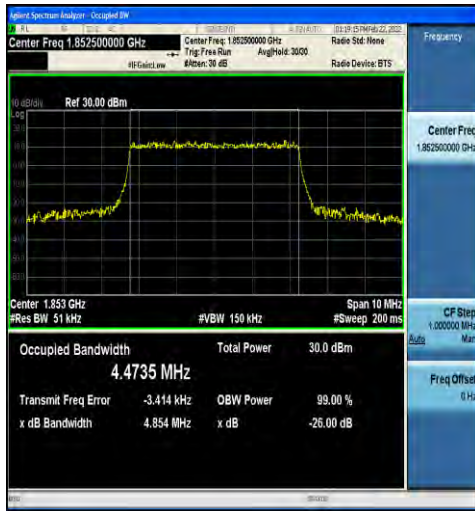
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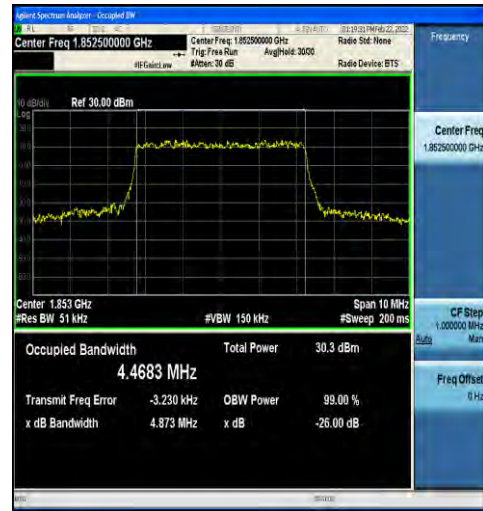
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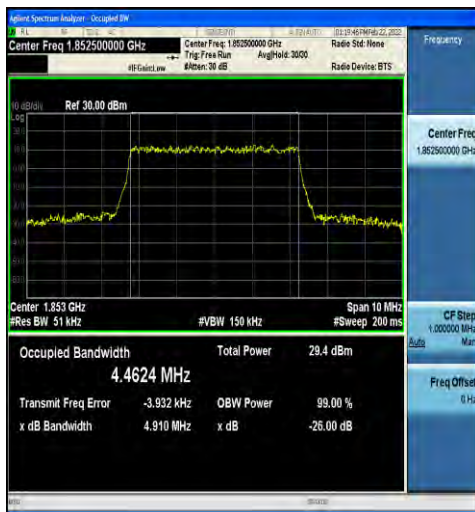
Test Graphs



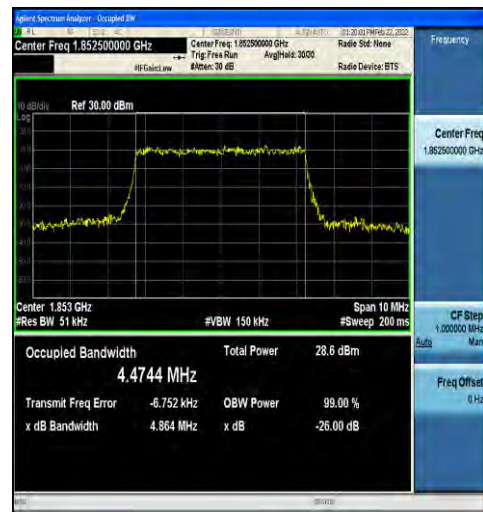
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4735-4.854-≤5-PASS



1-N2-15-5-L-2-DFT-P12BPSK-Outer\_Full-25@0-Ant1  
-4.4683-4.873-≤5-PASS



1-N2-15-5-L-3-DFT-16QAM-Outer\_Full-25@0-Ant1-  
4.4624-4.910-≤5-PASS

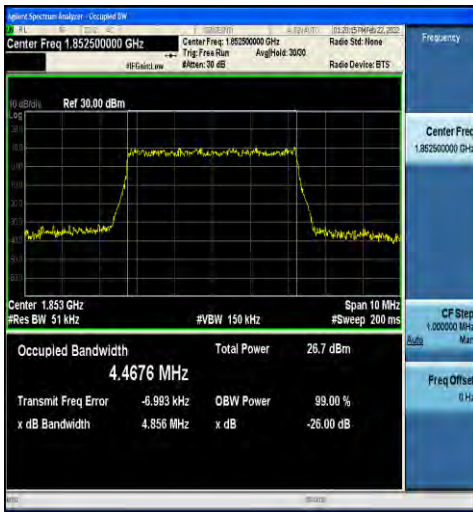


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.4744-4.864-≤5-PASS

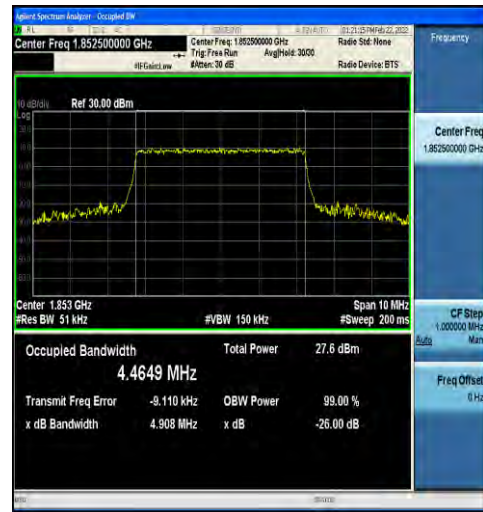


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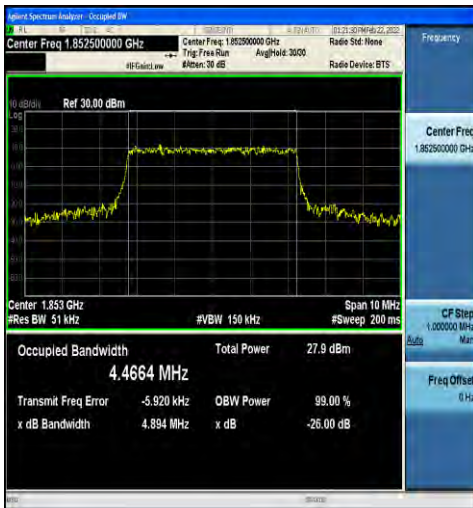
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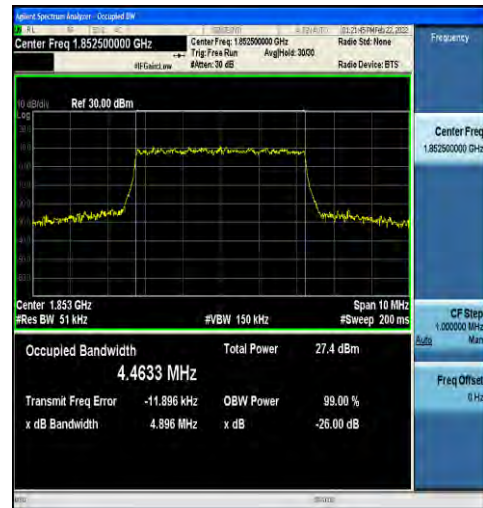
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-4.4676-4.856-≤5-PASS



1-N2-15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.4  
649-4.908-≤5-PASS



1-N2-15-5-L-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.  
4664-4.894-≤5-PASS



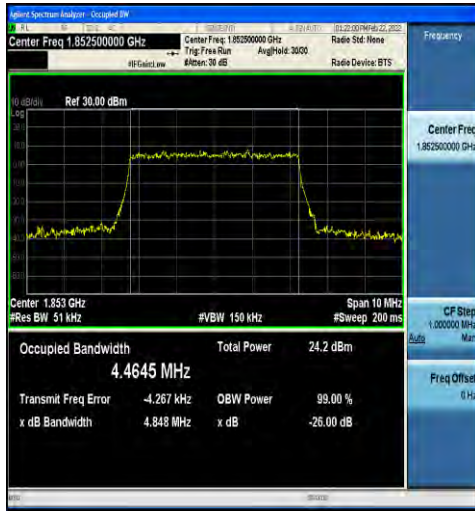
1-N2-15-5-L-8-CP-64QAM-Outer\_Full-25@0-Ant1-4.  
4633-4.896-≤5-PASS



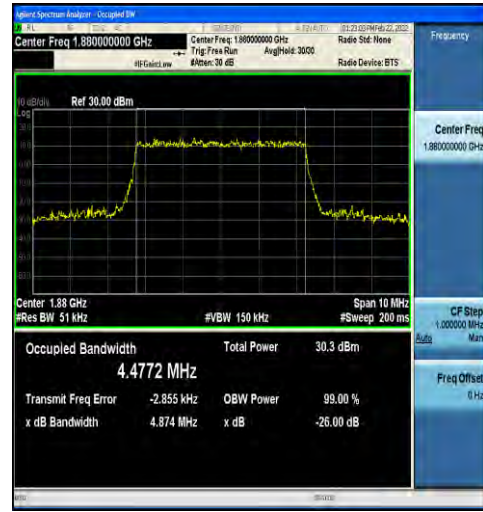
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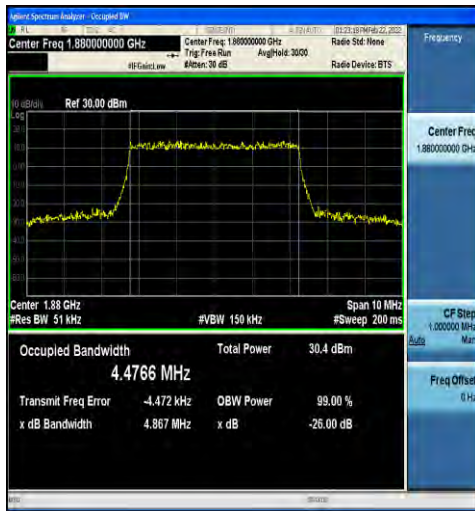




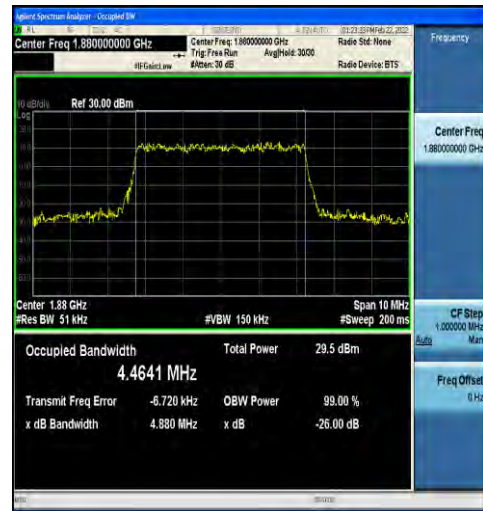
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1-N2-15-5-M-1-DFT-QPSK-Outer\_Full-25@0-Ant1-4.4772-4.874-≤5-PASS



1-N2-15-5-M-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-4.4766-4.867-≤5-PASS



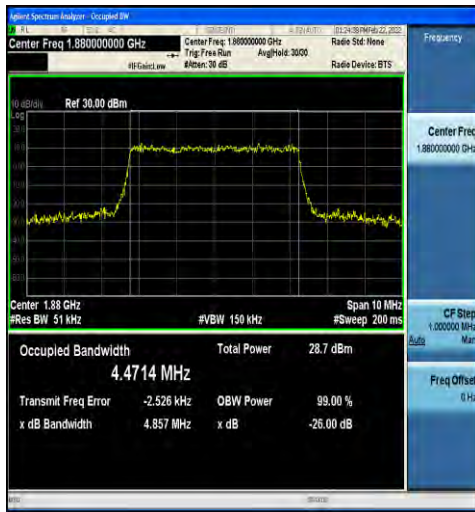
1-N2-15-5-M-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.4641-4.880-≤5-PASS



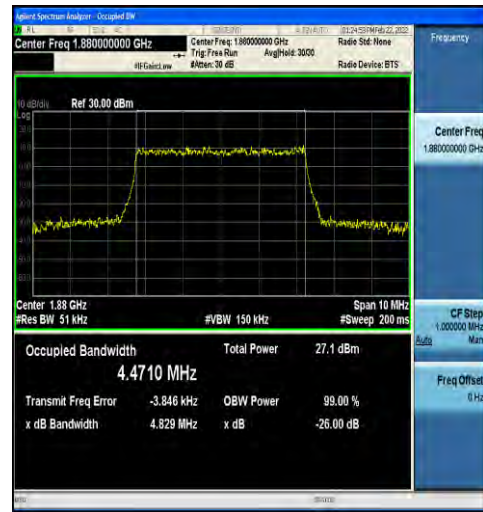
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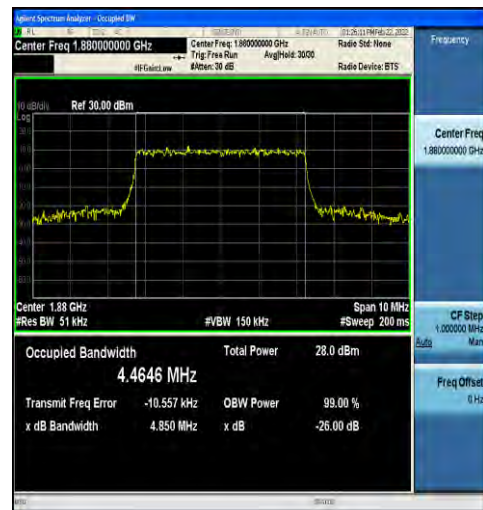
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1-N2-15-5-M-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.4710-4.829-≤5-PASS



1-N2-15-5-M-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.4668-4.886-≤5-PASS

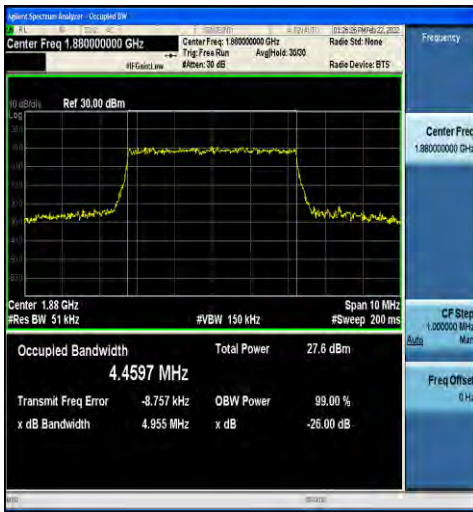


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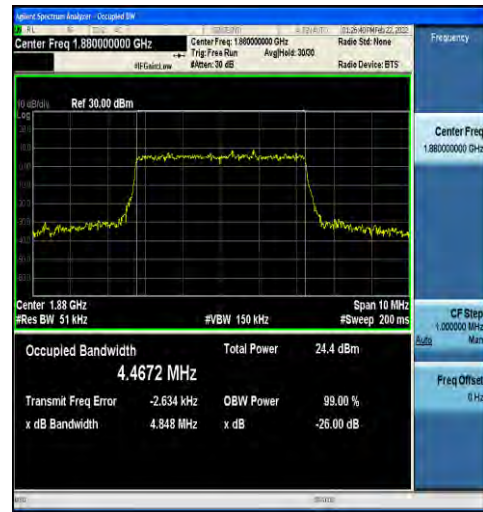


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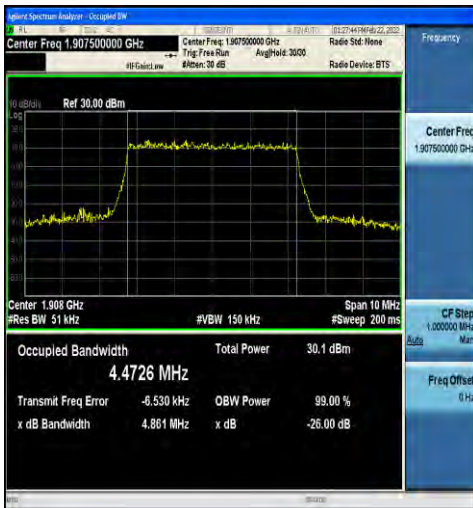
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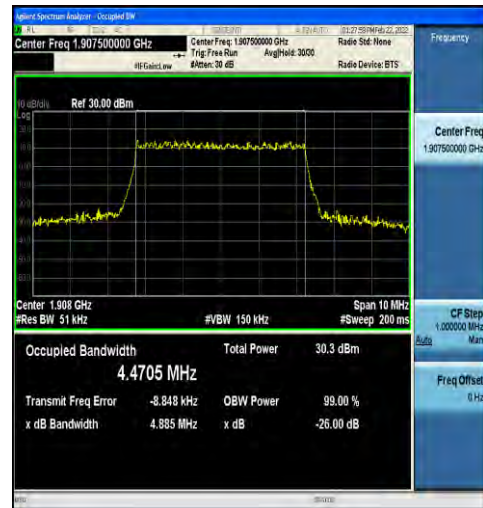
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4.4597-4.955-≤5-PASS



1-N2-15-5-M-9-CP-256QAM-Outer\_Full-25@0-Ant1-4  
4.4672-4.848-≤5-PASS



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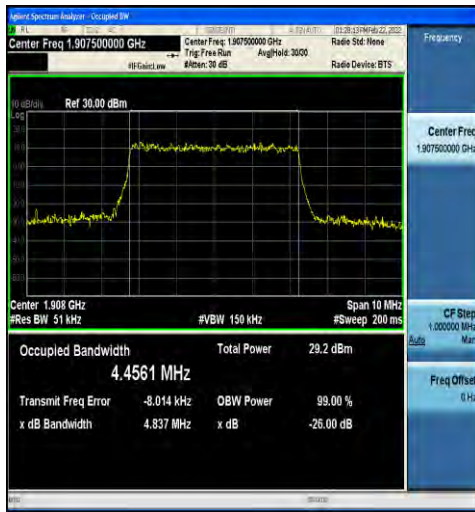
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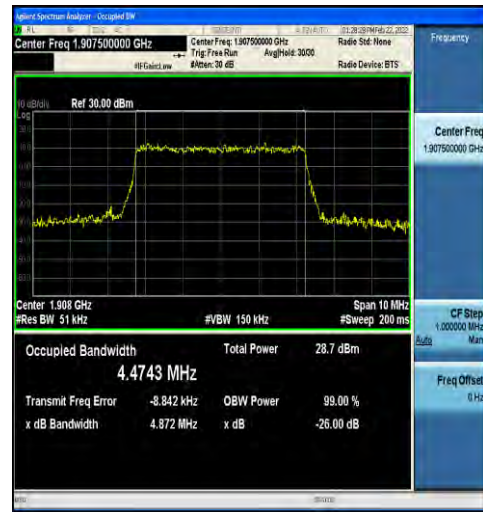
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1-N2-15-5-H-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.4561-4.837-≤5-PASS



1-N2-15-5-H-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.4743-4.872-≤5-PASS



1-N2-15-5-H-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.4663-4.870-≤5-PASS

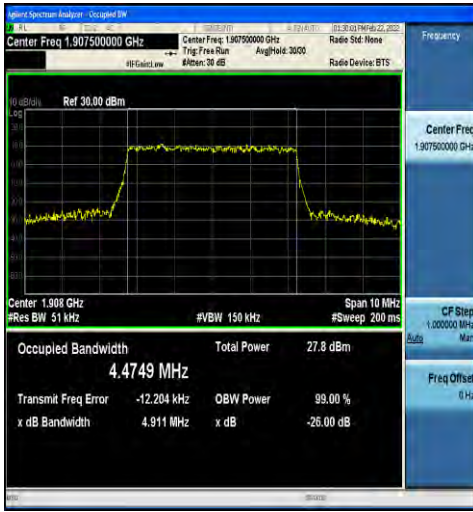


1-N2-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.4669-4.928-≤5-PASS

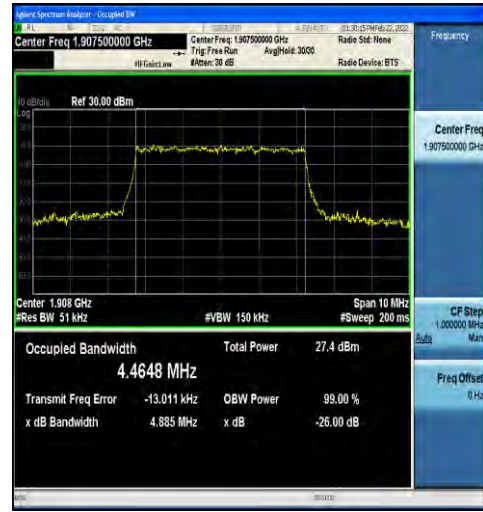


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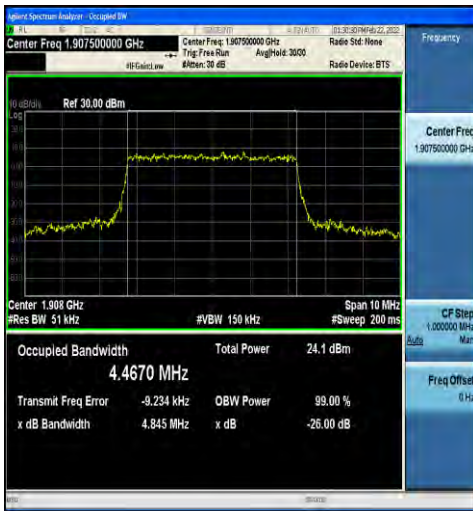
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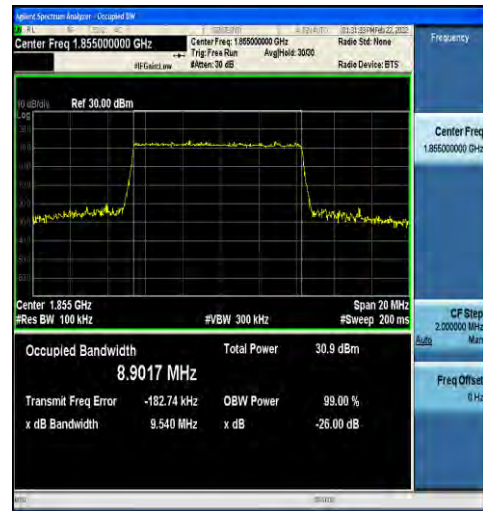
1-N2-15-5-H-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.  
4749-4.911-≤5-PASS



1-N2-15-5-H-8-CP-64QAM-Outer\_Full-25@0-Ant1-4.  
4648-4.885-≤5-PASS



1-N2-15-5-H-9-CP-256QAM-Outer\_Full-25@0-Ant1-4.  
4.4670-4.845-≤5-PASS



1-N2-15-10-L-1-DFT-QPSK-Outer\_Full-50@0-Ant1-8  
.9017-9.540-≤10-PASS



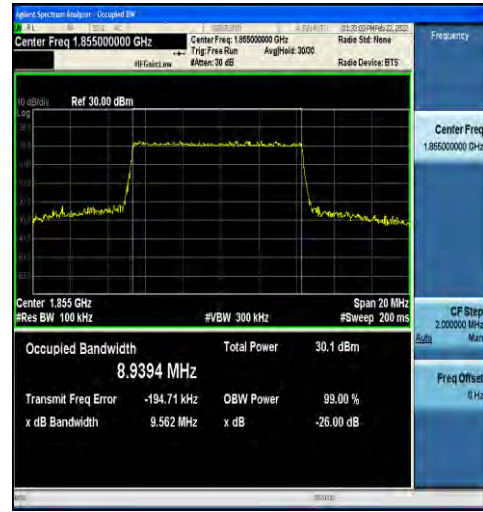
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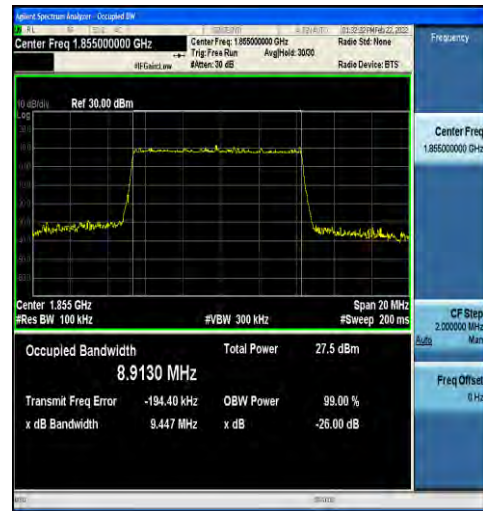
1-N2-15-10-L-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant  
1-8.9154-9.497-≤10-PASS



1-N2-15-10-L-3-DFT-16QAM-Outer\_Full-50@0-Ant1  
8.9394-9.562-≤10-PASS



1-N2-15-10-L-4-DFT-64QAM-Outer\_Full-50@0-Ant1  
-8.9204-9.416-≤10-PASS



1-N2-15-10-L-5-DFT-256QAM-Outer\_Full-50@0-Ant  
1-8.9130-9.447-≤10-PASS

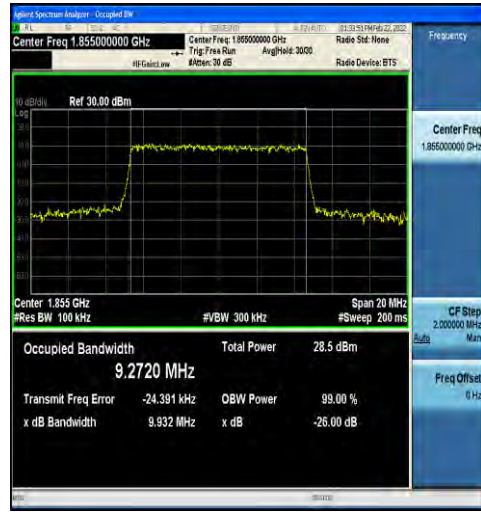


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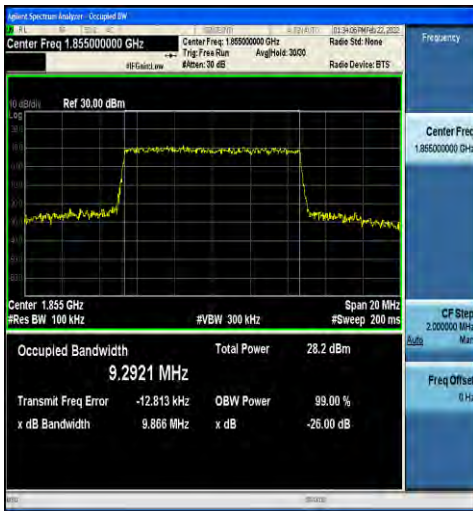
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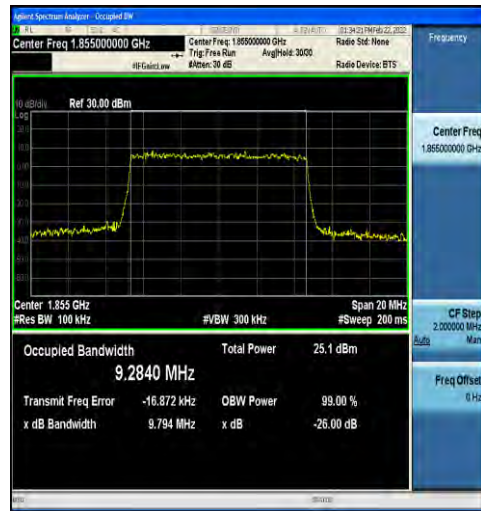
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2960-9.958-≤10-PASS



1-N2-15-10-L-7-CP-16QAM-Outer\_Full-52@0-Ant1-9  
.2720-9.932-≤10-PASS



1-N2-15-10-L-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.  
9.2921-9.866-≤10-PASS



1-N2-15-10-L-9-CP-256QAM-Outer\_Full-52@0-Ant1-9.  
9.2840-9.794-≤10-PASS

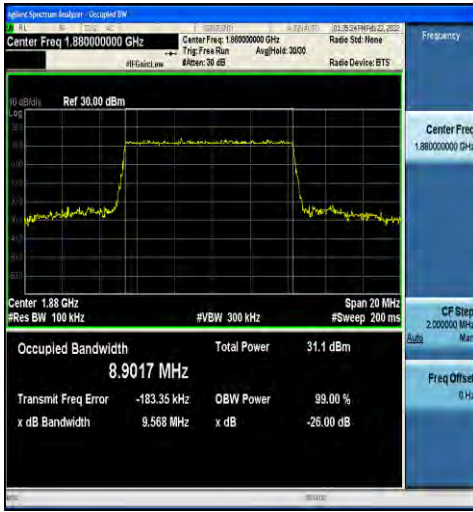


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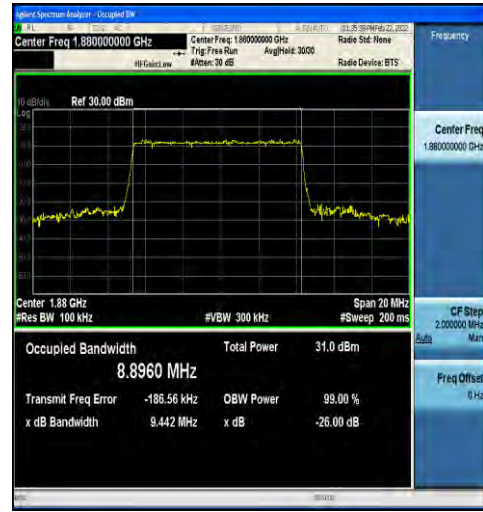
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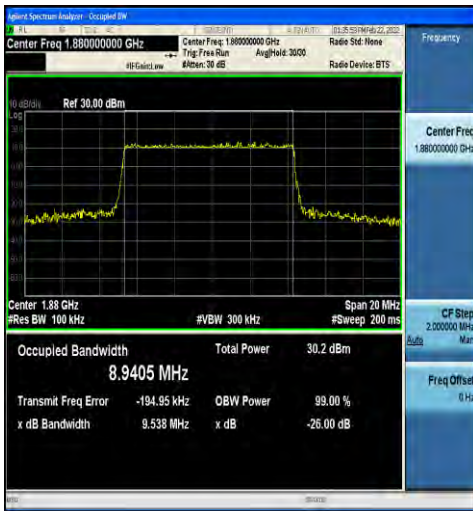




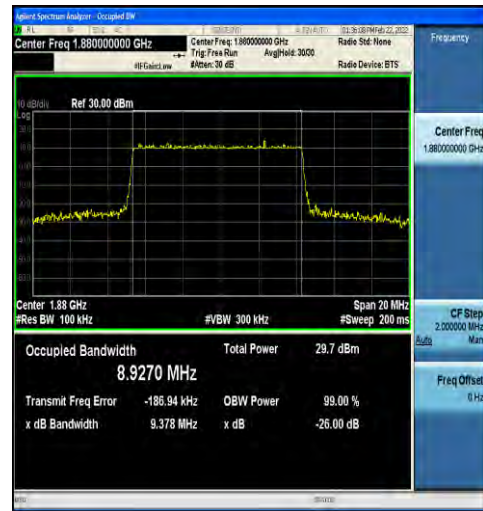
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1-N2-15-10-M-2-DFT-PI2BPSK-Outer\_Full-50@0-An t1-8.8960-9.442-≤10-PASS



1-N2-15-10-M-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.9405-9.538-≤10-PASS

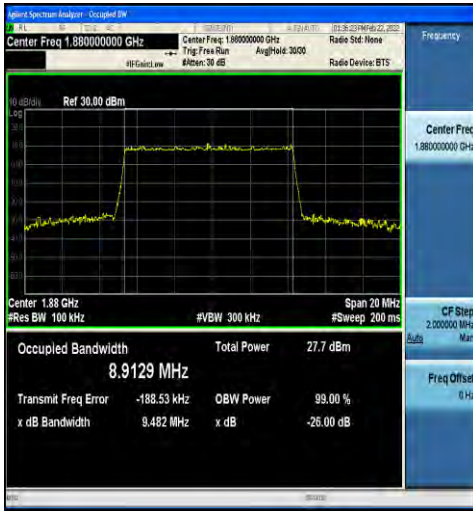


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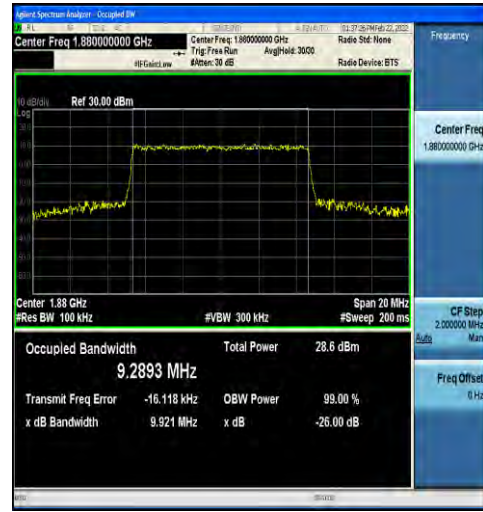


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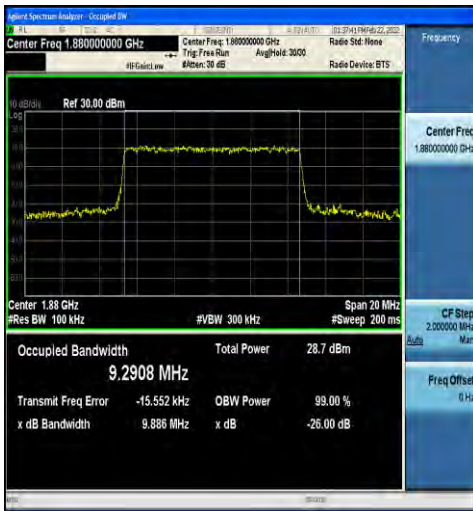
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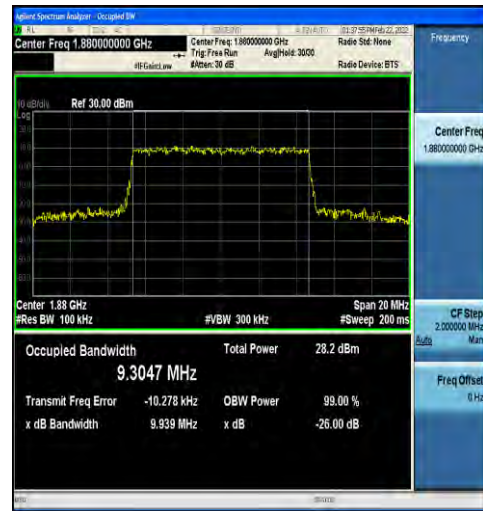
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1-8.9129-9.482-≤10-PASS



1-N2-15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.  
2893-9.921-≤10-PASS



1-N2-15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant1-  
9.2908-9.886-≤10-PASS



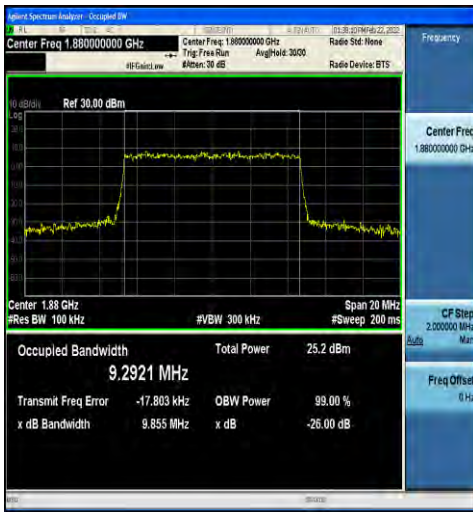
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9.3047-9.939-≤10-PASS



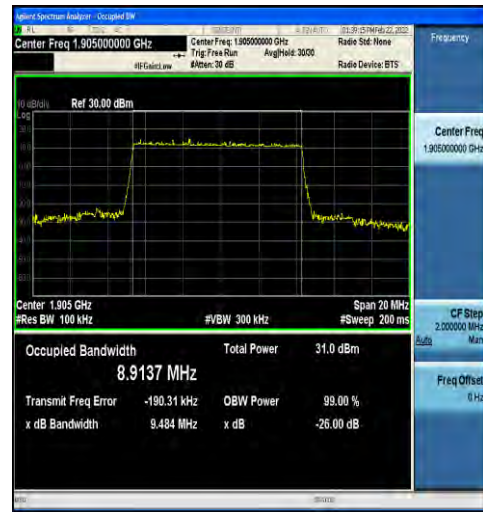
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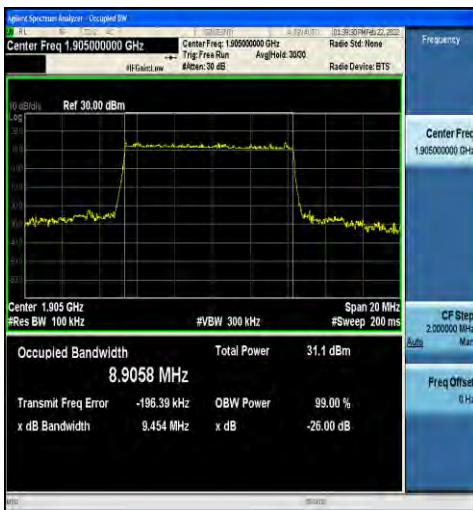




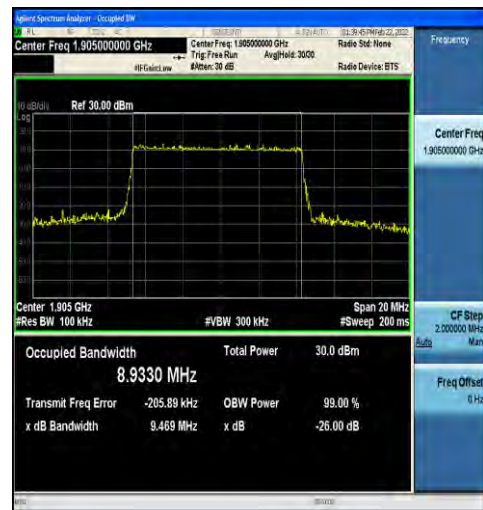
1-N2-15-10-M-9-CP-256QAM-Outer\_Full-52@0-Ant  
1-9.2921-9.855-≤10-PASS



1-N2-15-10-H-1-DFT-QPSK-Outer\_Full-50@0-Ant1  
8.9137-9.484-≤10-PASS



1-N2-15-10-H-2-DFT-P12BPSK-Outer\_Full-50@0-An  
t1-8.9058-9.454-≤10-PASS

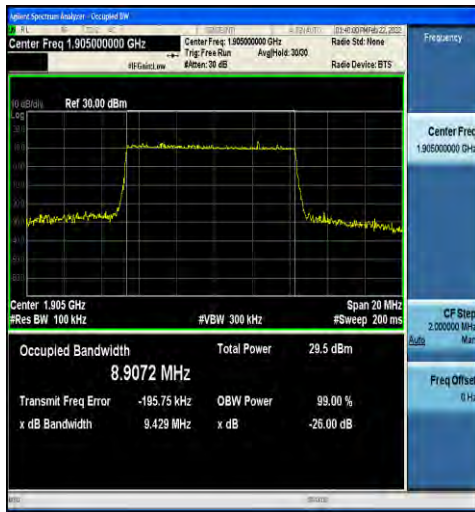


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-8.9330-9.469-≤10-PASS

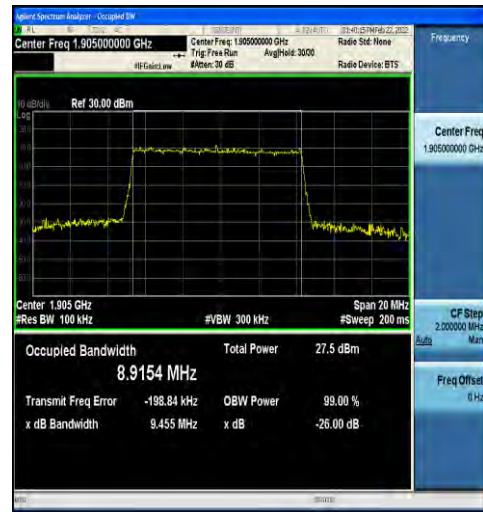


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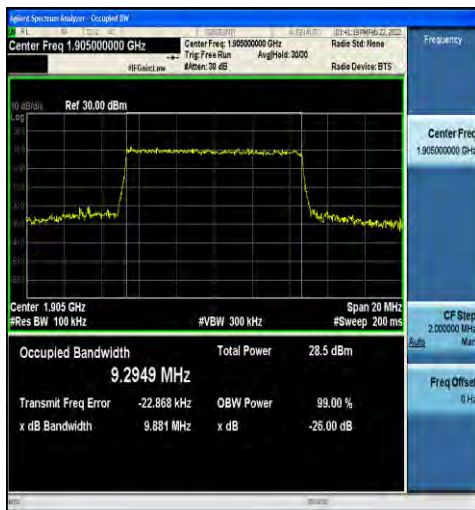
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1-N2-15-10-H-4-DFT-64QAM-Outer\_Full-50@0-Ant1  
-8.9072-9.429-≤10-PASS



1-N2-15-10-H-5-DFT-256QAM-Outer\_Full-50@0-Ant  
1-8.9154-9.455-≤10-PASS



1-N2-15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.  
2949-9.881-≤10-PASS



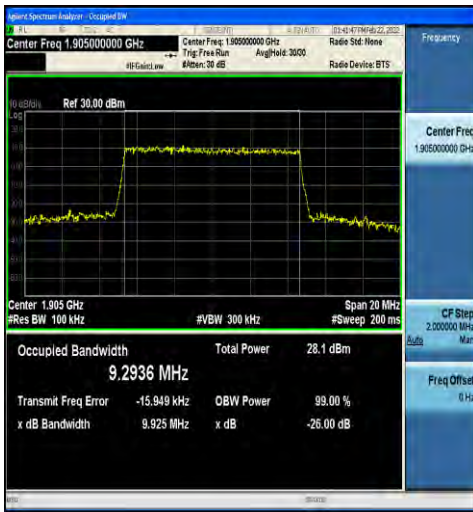
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9.2774-9.847-≤10-PASS



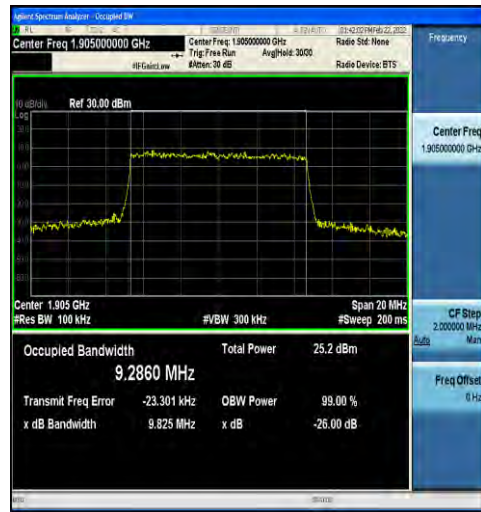
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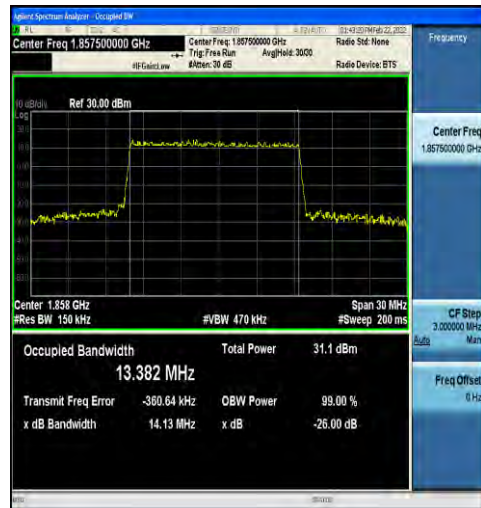
1-N2-15-10-H-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.2936-9.925-≤10-PASS



1-N2-15-10-H-9-CP-256QAM-Outer\_Full-52@0-Ant1-9.2860-9.825-≤10-PASS



1-N2-15-15-L-1-DFT-QPSK-Outer\_Full-75@0-Ant1-3.412-14.07-≤15-PASS



1-N2-15-15-L-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.382-14.13-≤15-PASS



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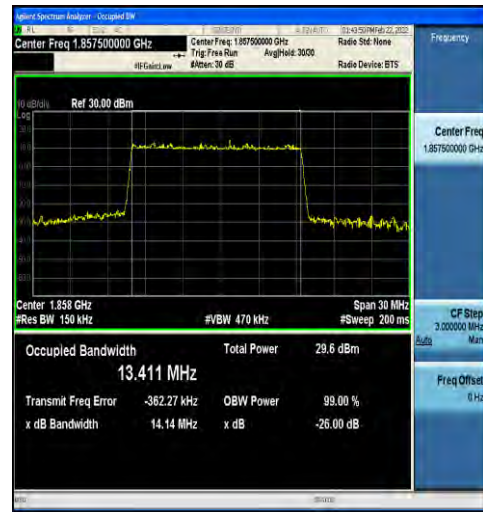
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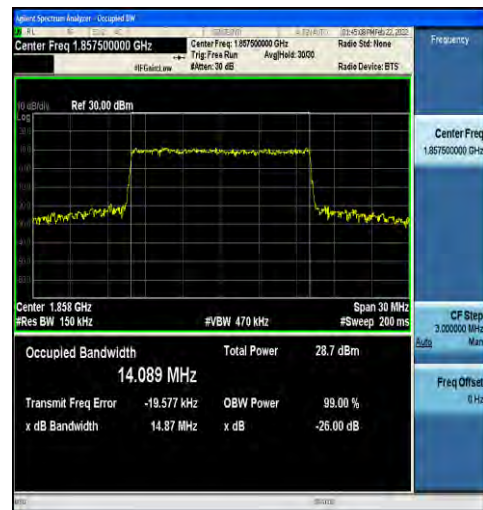
1-N2-15-15-L-3-DFT-16QAM-Outer\_Full-75@0-Ant1  
-13.416-14.15≤15-PASS



1-N2-15-15-L-4-DFT-64QAM-Outer\_Full-75@0-Ant1-  
13.411-14.14≤15-PASS



1-N2-15-15-L-5-DFT-256QAM-Outer\_Full-75@0-Ant  
1-13.411-14.10≤15-PASS



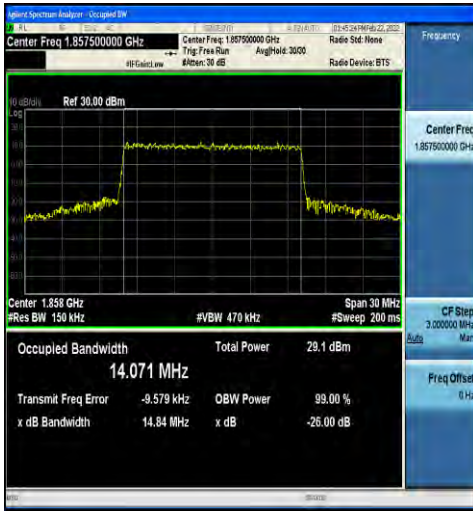
1-N2-15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant1-14  
.089-14.87≤15-PASS



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1-N2-15-15-L-7-CP-16QAM-Outer\_Full-79@0-Ant1-14.071-14.84-≤15-PASS



1-N2-15-15-L-8-CP-64QAM-Outer\_Full-79@0-Ant1-14.091-14.78-≤15-PASS



1-N2-15-15-L-9-CP-256QAM-Outer\_Full-79@0-Ant1-14.099-14.83-≤15-PASS

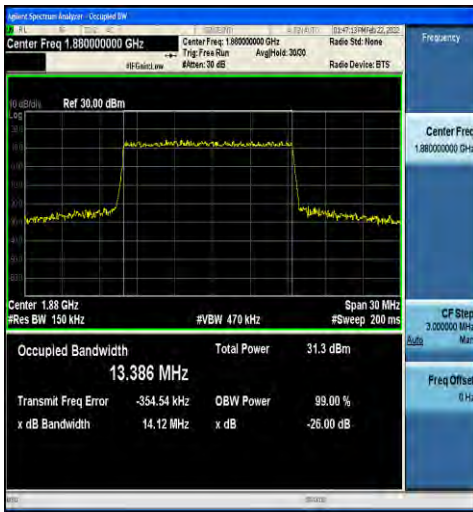


1-N2-15-15-M-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.416-14.15-≤15-PASS

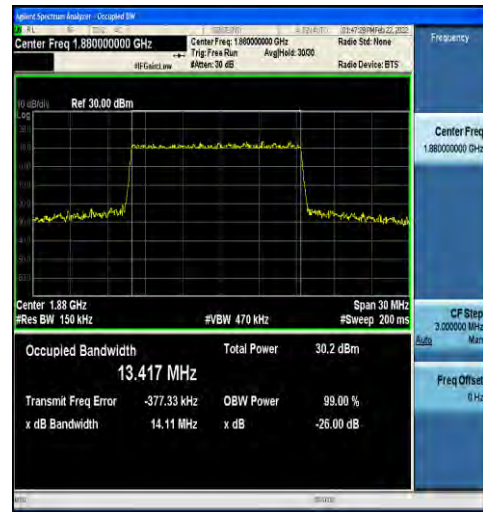


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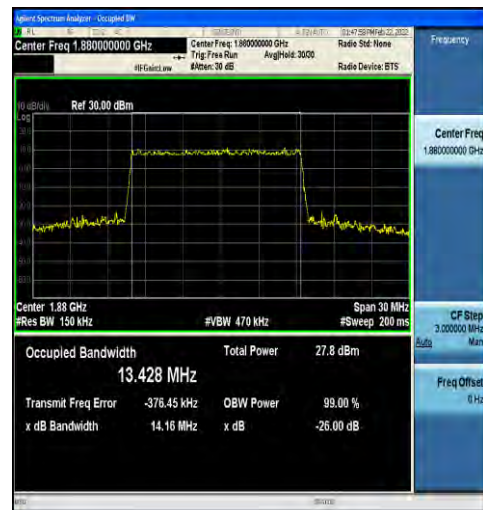
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t1-13.386-14.12-≤15-PASS



1-N2-15-15-M-3-DFT-16QAM-Outer\_Full-75@0-Ant1  
-13.417-14.11-≤15-PASS



1-N2-15-15-M-4-DFT-64QAM-Outer\_Full-75@0-Ant1  
-13.383-14.10-≤15-PASS



1-N2-15-15-M-5-DFT-256QAM-Outer\_Full-75@0-Ant  
1-13.428-14.16-≤15-PASS

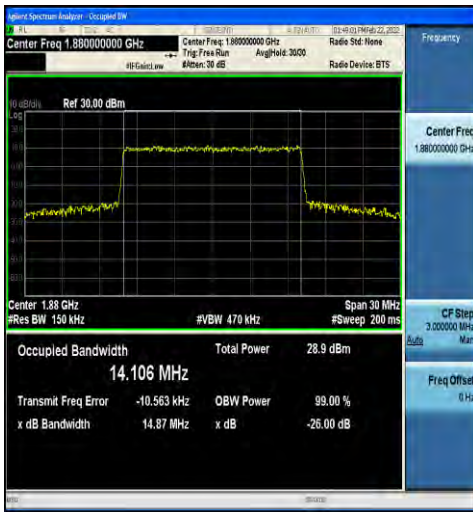


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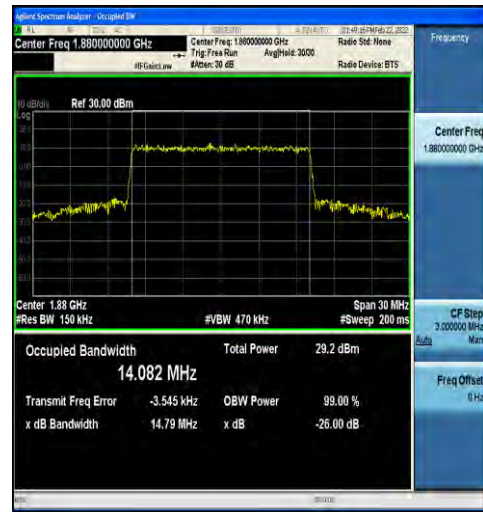
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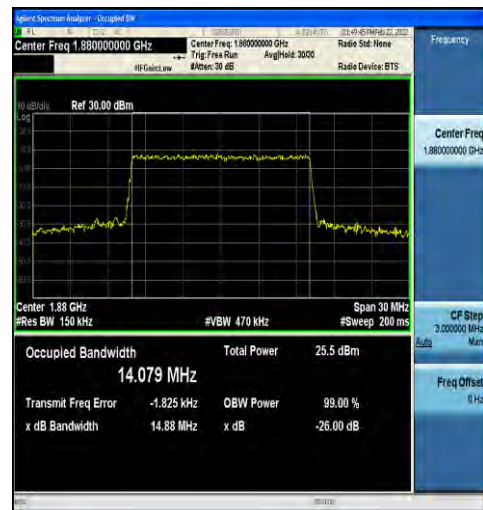
1-N2-15-15-M-6-CP-QPSK-Outer\_Full-79@0-Ant1-1  
4.106-14.87-≤15-PASS



1-N2-15-15-M-7-CP-16QAM-Outer\_Full-79@0-Ant1-1  
14.082-14.79-≤15-PASS



1-N2-15-15-M-8-CP-64QAM-Outer\_Full-79@0-Ant1-1  
14.075-14.79-≤15-PASS



1-N2-15-15-M-9-CP-256QAM-Outer\_Full-79@0-Ant1-1  
-14.079-14.88-≤15-PASS



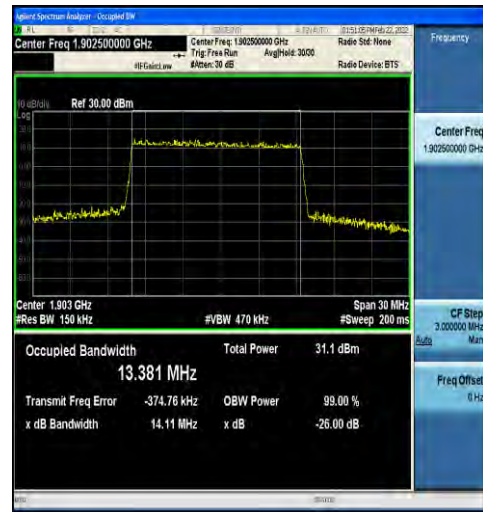
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1-N2-15-15-H-1-DFT-QPSK-Outer\_Full-75@0-Ant1-  
13.424-14.06-≤15-PASS



1-N2-15-15-H-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant  
1-13.381-14.11-≤15-PASS



1-N2-15-15-H-3-DFT-16QAM-Outer\_Full-75@0-Ant1  
-13.409-14.15-≤15-PASS



1-N2-15-15-H-4-DFT-64QAM-Outer\_Full-75@0-Ant1  
-13.396-14.09-≤15-PASS



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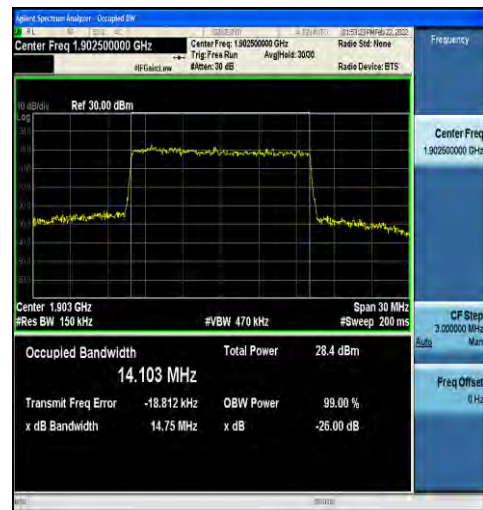
1-N2-15-15-H-5-DFT-256QAM-Outer\_Full-75@0-Ant  
1-13.394-14.15-≤15-PASS



1-N2-15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant1-1  
4.104-14.85-≤15-PASS



1-N2-15-15-H-7-CP-16QAM-Outer\_Full-79@0-Ant1-  
14.078-14.82-≤15-PASS



1-N2-15-15-H-8-CP-64QAM-Outer\_Full-79@0-Ant1-  
14.103-14.75-≤15-PASS



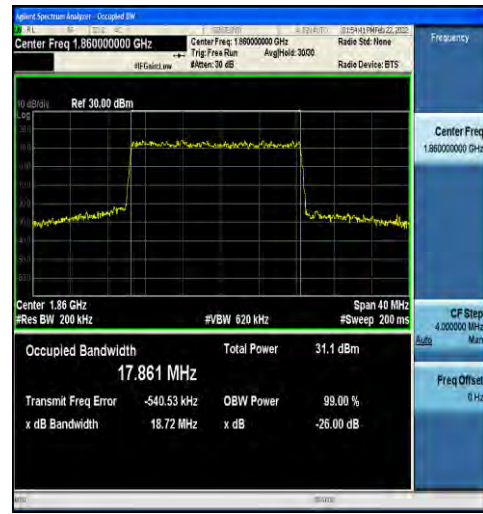
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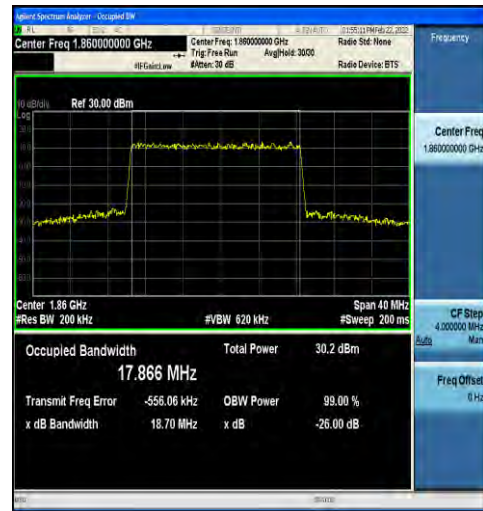
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-14.091-14.82-≤15-PASS



1-N2-15-20-L-1-DFT-QPSK-Outer\_Full-100@0-Ant1-  
17.861-18.72-≤20-PASS



1-N2-15-20-L-2-DFT-PI2BPSK-Outer\_Full-100@0-A  
nt1-17.884-18.70-≤20-PASS



1-N2-15-20-L-3-DFT-16QAM-Outer\_Full-100@0-Ant  
1-17.866-18.70-≤20-PASS



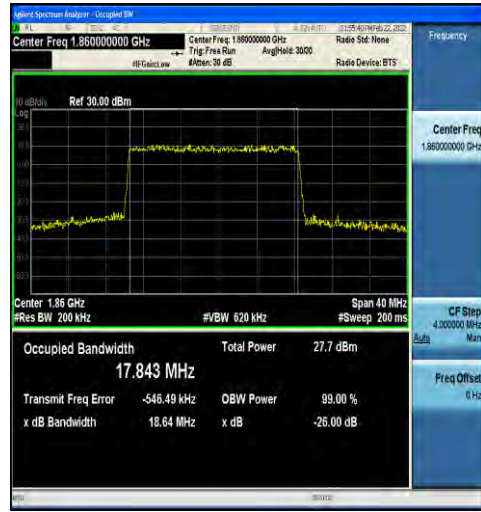
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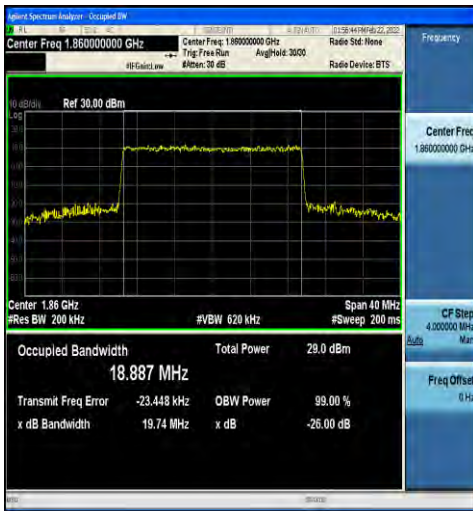




1-N2-15-20-L-4-DFT-64QAM-Outer\_Full-100@0-Ant  
1-17.866-18.70-≤20-PASS



1-N2-15-20-L-5-DFT-256QAM-Outer\_Full-100@0-An  
t1-17.843-18.64-≤20-PASS



1-N2-15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant1  
18.887-19.74-≤20-PASS



1-N2-15-20-L-7-CP-16QAM-Outer\_Full-106@0-Ant1  
18.909-19.79-≤20-PASS



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1-N2-15-20-L-8-CP-64QAM-Outer\_Full-106@0-Ant1  
-18.892-19.75-≤20-PASS



1-N2-15-20-L-9-CP-256QAM-Outer\_Full-106@0-Ant1  
1-18.914-19.76-≤20-PASS



1-N2-15-20-M-1-DFT-QPSK-Outer\_Full-100@0-Ant1  
-17.857-18.70-≤20-PASS



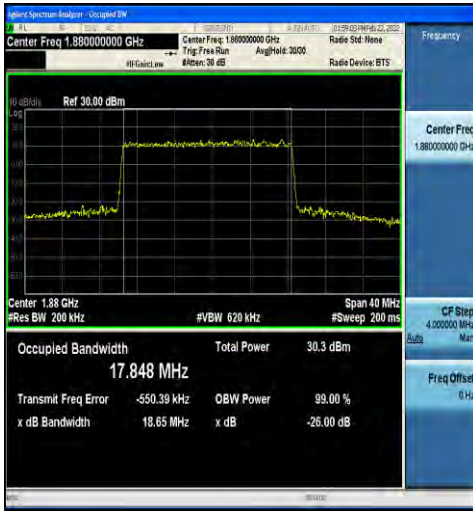
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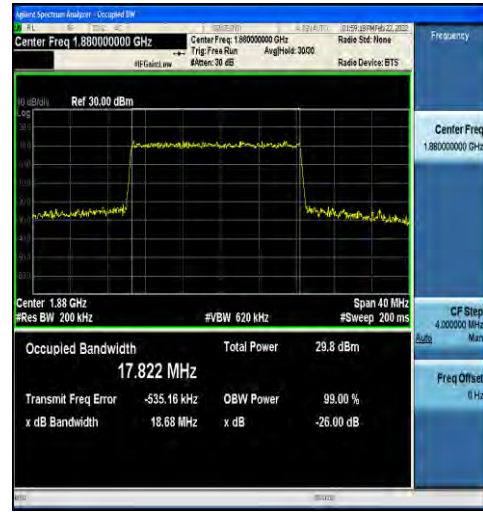
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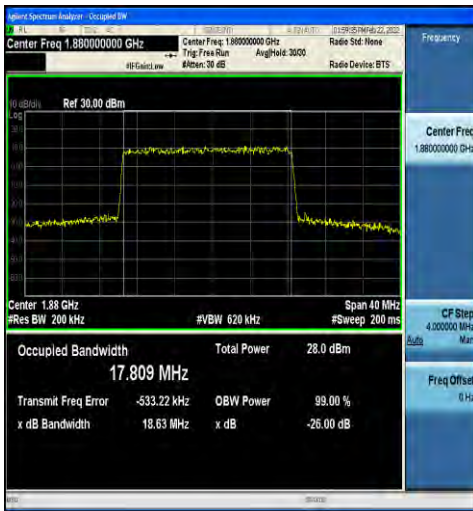




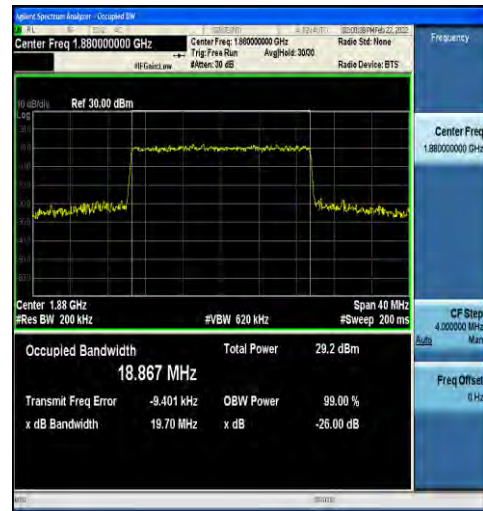
1-N2-15-20-M-3-DFT-16QAM-Outer\_Full-100@0-Ant  
1-17.848-18.65-≤20-PASS



1-N2-15-20-M-4-DFT-64QAM-Outer\_Full-100@0-Ant  
1-17.822-18.68-≤20-PASS



1-N2-15-20-M-5-DFT-256QAM-Outer\_Full-100@0-A  
nt1-17.809-18.63-≤20-PASS



1-N2-15-20-M-6-CP-QPSK-Outer\_Full-106@0-Ant1  
18.867-19.70-≤20-PASS



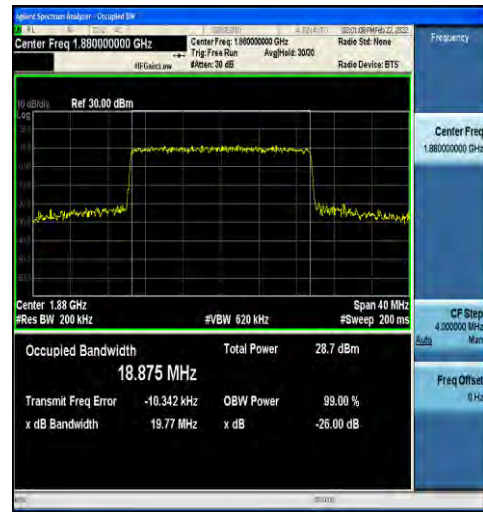
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1-N2-15-20-M-7-CP-16QAM-Outer\_Full-106@0-Ant  
1-18.887-19.80-≤20-PASS



1-N2-15-20-M-8-CP-64QAM-Outer\_Full-106@0-Ant1  
-18.875-19.77-≤20-PASS



1-N2-15-20-M-9-CP-256QAM-Outer\_Full-106@0-An  
t1-18.874-19.66-≤20-PASS



1-N2-15-20-H-1-DFT-QPSK-Outer\_Full-100@0-Ant1  
-17.854-18.70-≤20-PASS



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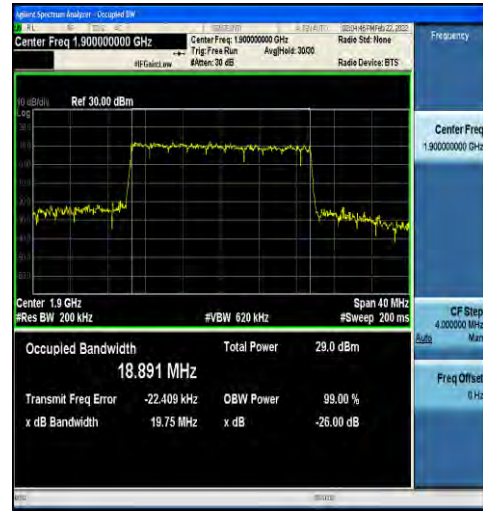
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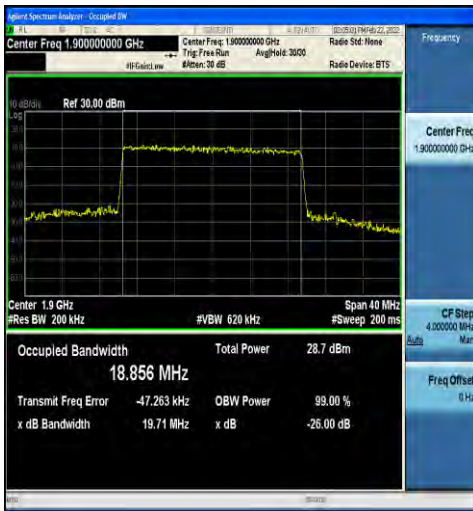




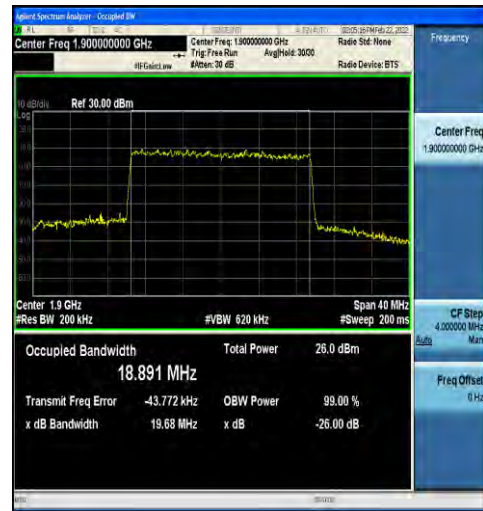
1-N2-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-  
-18.880-19.73-≤20-PASS



1-N2-15-20-H-7-CP-16QAM-Outer\_Full-106@0-Ant1  
-18.891-19.75-≤20-PASS



1-N2-15-20-H-8-CP-64QAM-Outer\_Full-106@0-Ant1  
-18.856-19.71-≤20-PASS



1-N2-15-20-H-9-CP-256QAM-Outer\_Full-106@0-Ant  
1-18.891-19.68-≤20-PASS



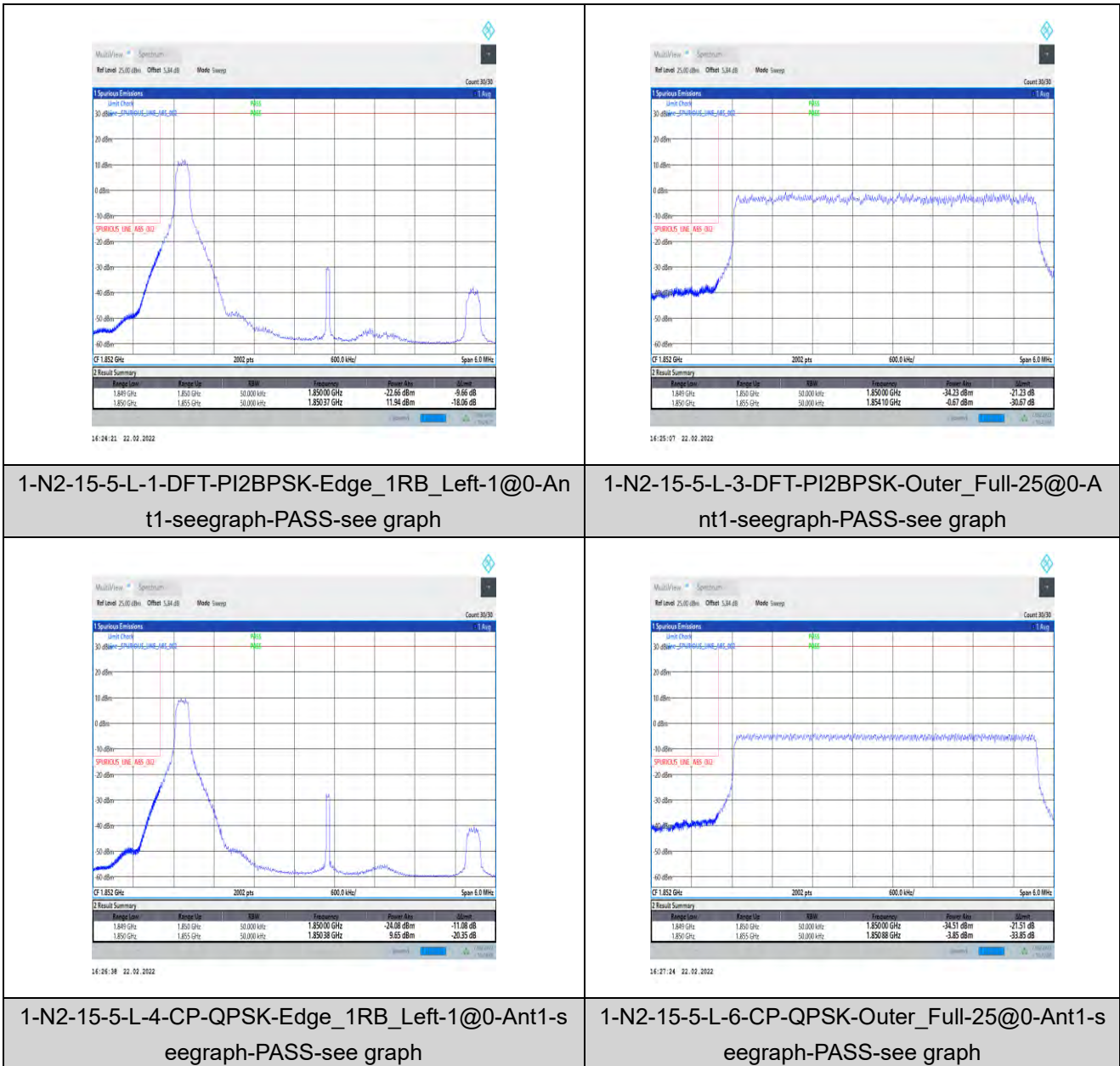
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## Band Edge for SA

### Test Graphs



1-N2-15-5-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph

1-N2-15-5-L-3-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-seegraph-PASS-see graph

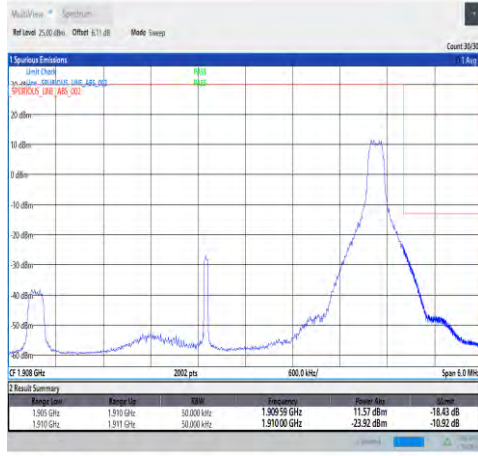
1-N2-15-5-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph

1-N2-15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant1-seegraph-PASS-see graph

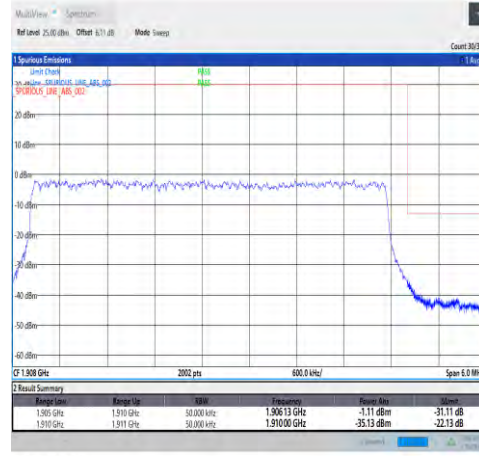


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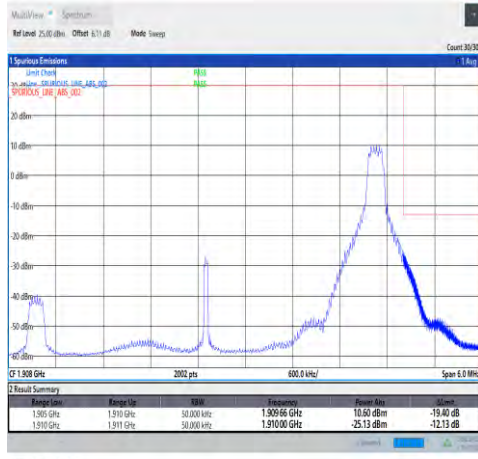
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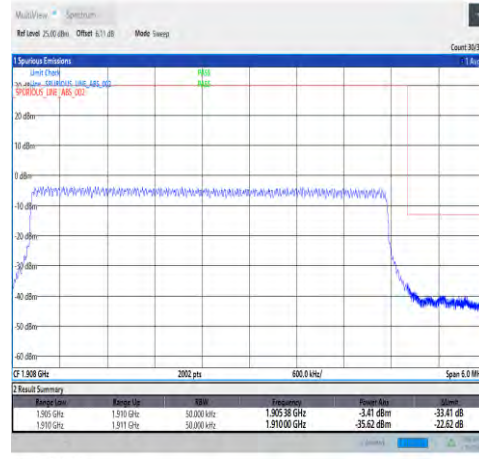
1-N2-15-5-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@24-Ant1-seegraph-PASS-see graph



1-N2-15-5-H-3-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-seegraph-PASS-see graph



1-N2-15-5-H-5-CP-QPSK-Edge\_1RB\_Right-1@24-Ant1-seegraph-PASS-see graph



1-N2-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-seegraph-PASS-see graph

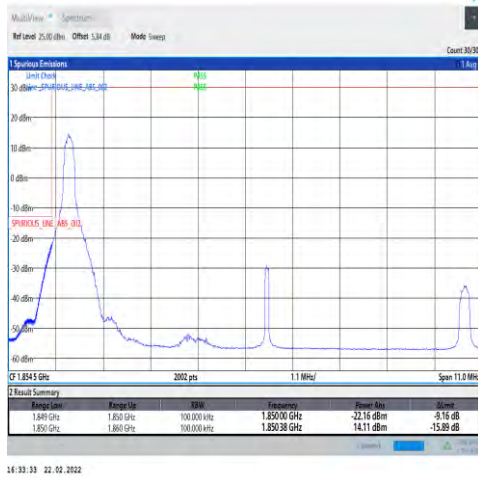


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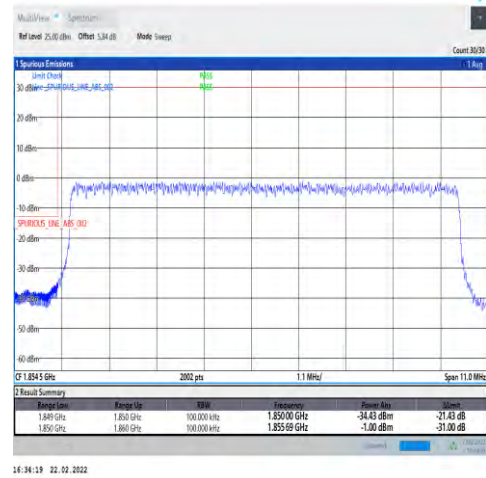
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1-N2-15-10-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-A  
nt1-seegraph-PASS-see graph



1-N2-15-10-L-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-seegraph-PASS-see graph



1-N2-15-10-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph



1-N2-15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant1-seegraph-PASS-see graph

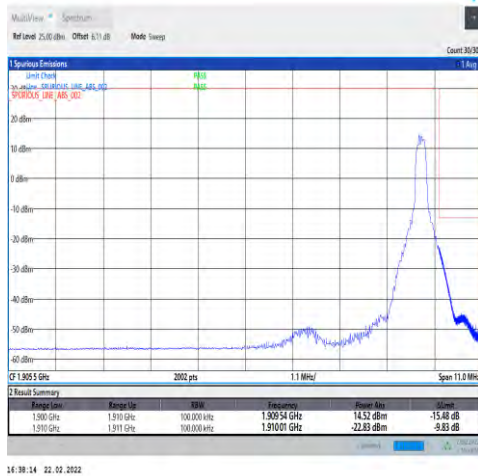


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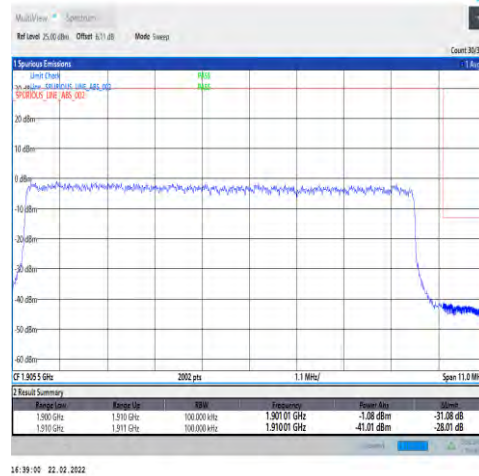
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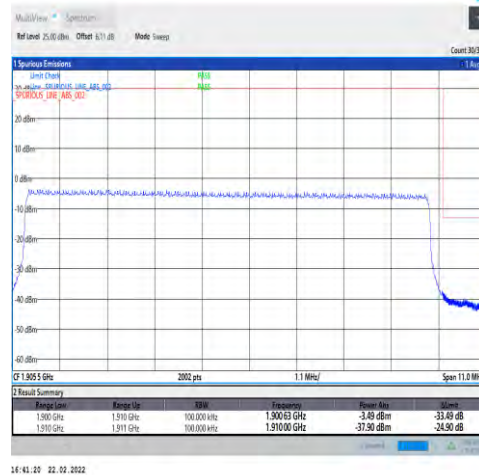
1-N2-15-10-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@5  
1-Ant1-seegraph-PASS-see graph



1-N2-15-10-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-seegraph-PASS-see graph



1-N2-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-An  
t1-seegraph-PASS-see graph



1-N2-15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1  
-seegraph-PASS-see graph



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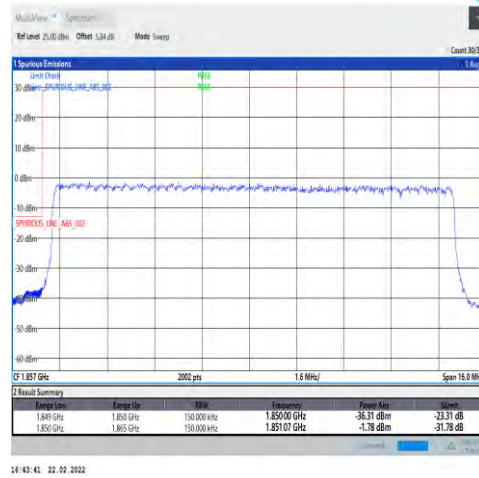
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1-N2-15-15-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-A  
nt1-seegraph-PASS-see graph



1-N2-15-15-L-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-seegraph-PASS-see graph



1-N2-15-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph



1-N2-15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant1-seegraph-PASS-see graph

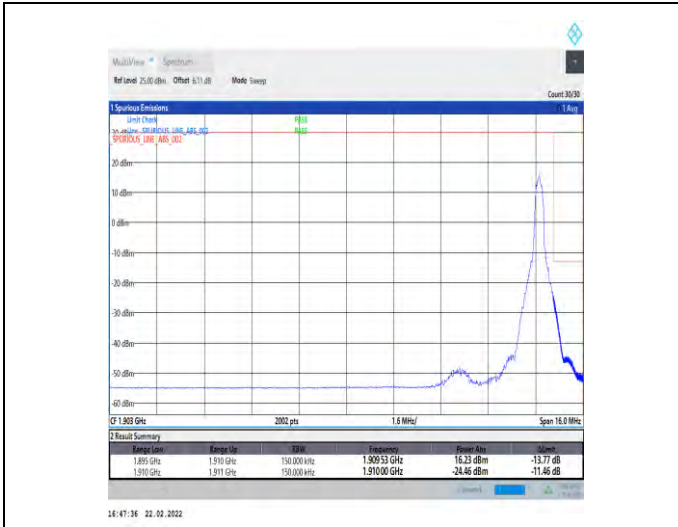


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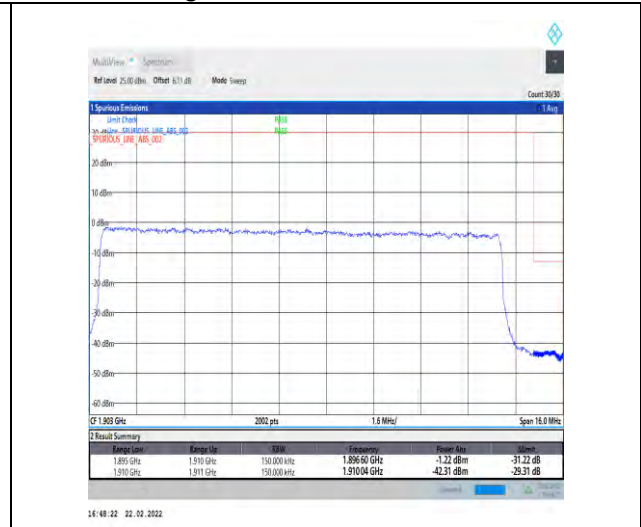
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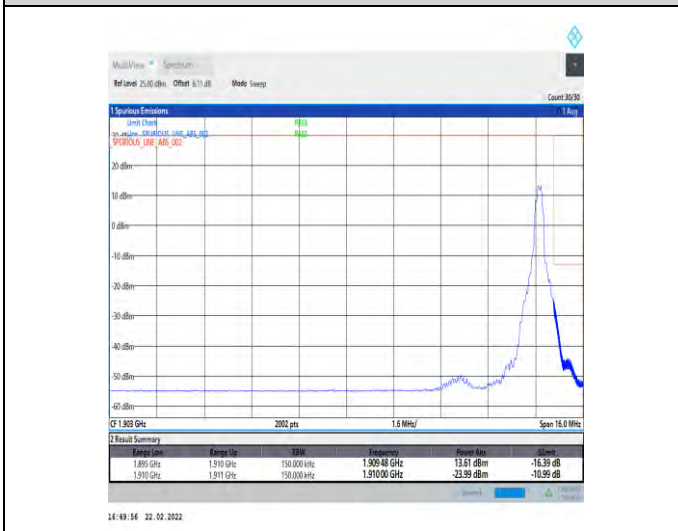




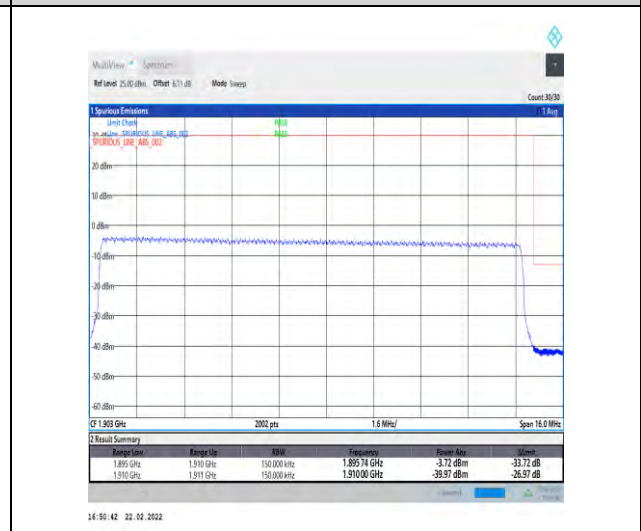
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8-Ant1-seegraph-PASS-see graph



1-N2-15-15-H-3-DFT-PI2BPSK-Outer\_Full-75@0-  
Ant1-seegraph-PASS-see graph



1-N2-15-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@78-An  
t1-seegraph-PASS-see graph



1-N2-15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant1  
-seegraph-PASS-see graph



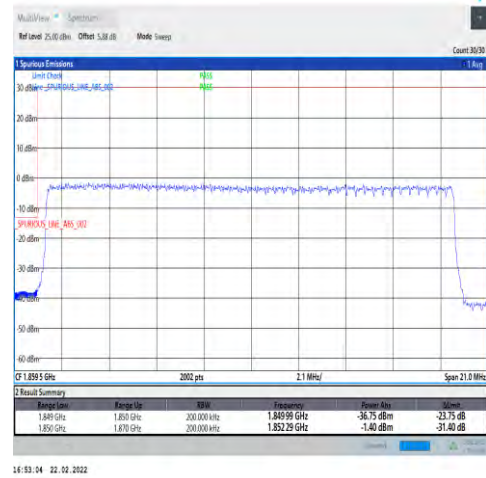
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1-N2-15-20-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-A  
nt1-seegraph-PASS-see graph



1-N2-15-20-L-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-seegraph-PASS-see graph



1-N2-15-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph



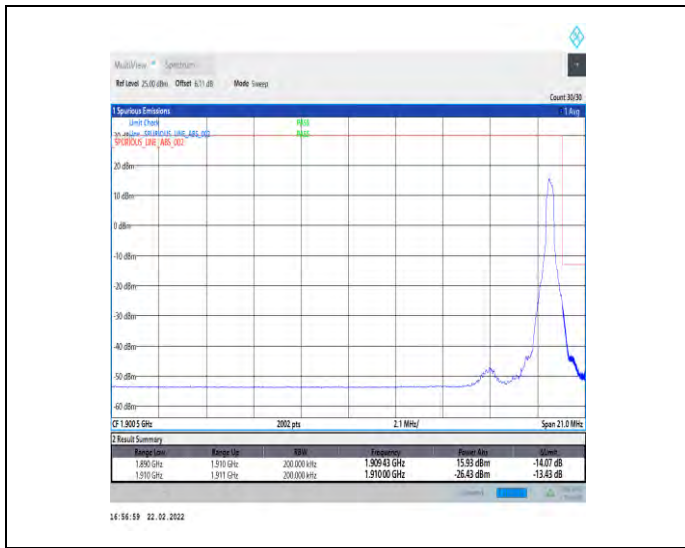
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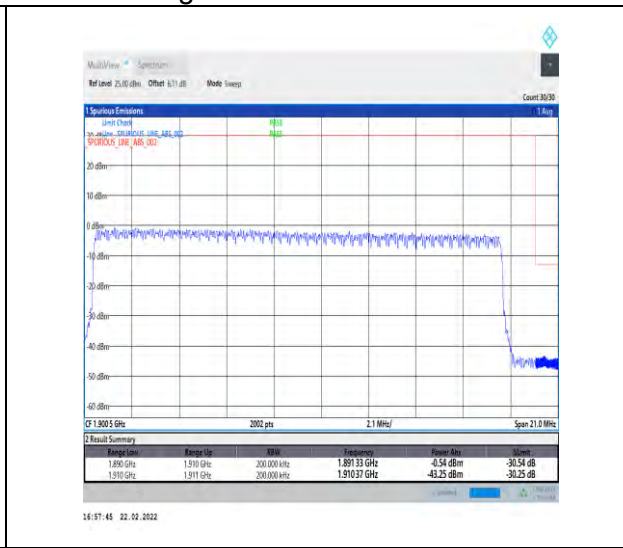
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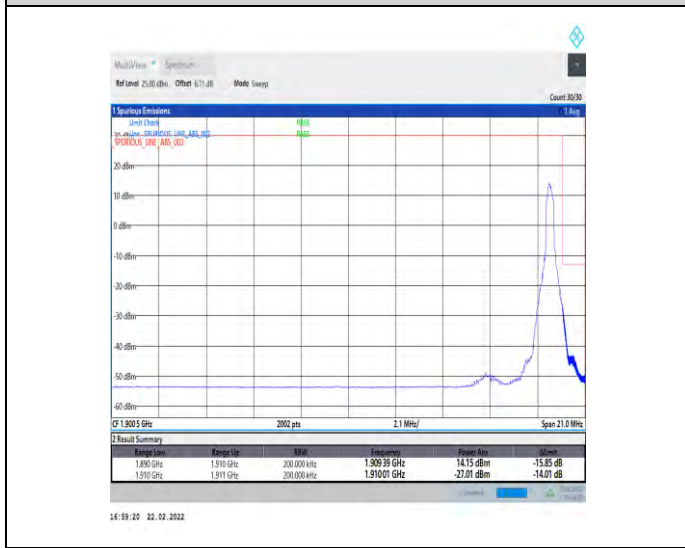
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1-N2-15-20-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@105-Ant1-seegraph-PASS-see graph



1-N2-15-20-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-seegraph-PASS-see graph



1-N2-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant1-seegraph-PASS-see graph



1-N2-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-seegraph-PASS-see graph



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## Conducted Spurious Emission for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	0.009	0.15	-65.78	-43	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	0.15	30	-72.24	-33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	30	1000	-59.75	-23	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	1000	3000	-42.27	-13	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	3000	12000	-49.14	-13	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	12000	20000	-38.98	-13	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	0.009	0.15	-60.17	-43	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	0.15	30	-71.50	-33	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	30	1000	-59.76	-23	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	1000	3000	-42.03	-13	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	3000	12000	-49.06	-13	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	12000	20000	-38.61	-13	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	0.009	0.15	-63.66	-43	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	0.15	30	-70.96	-33	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	30	1000	-59.68	-23	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	1000	3000	-42.16	-13	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	3000	12000	-48.92	-13	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	12000	20000	-38.62	-13	PASS



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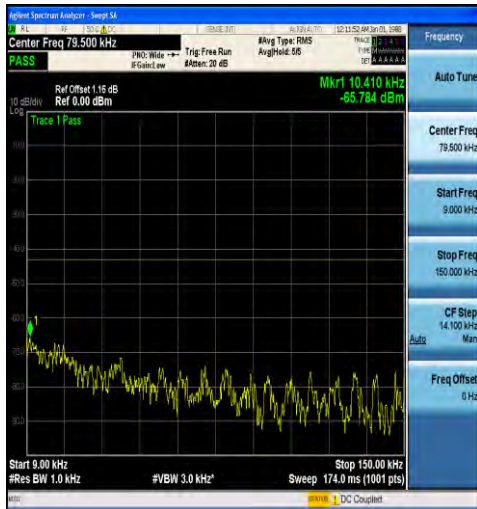
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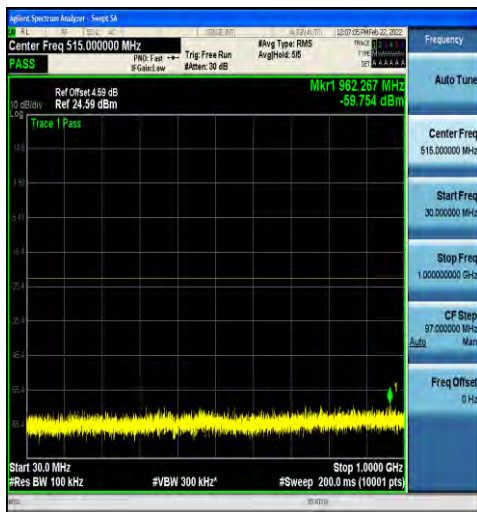
Test Graphs



1-N2-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1  
 -0.009-0.15-Ant1--65.78--43-PASS



1-N2-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-  
 0.15-30-Ant1--72.24--33-PASS



1-N2-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1  
 -30-1000-Ant1--59.75--23-PASS



1-N2-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-  
 1000-3000-Ant1--42.27--13-PASS



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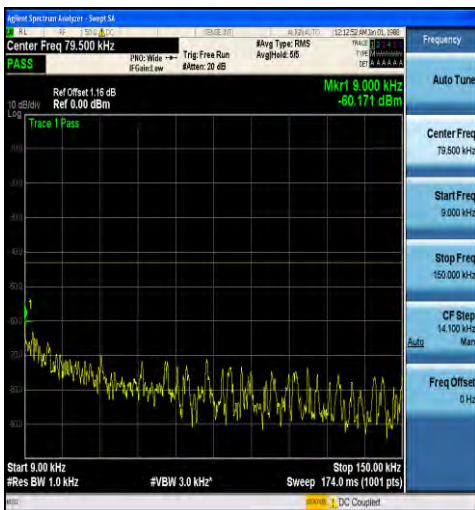
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1-N2-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1  
-3000-12000-Ant1--49.14--13-PASS



1-N2-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1  
-12000-20000-Ant1--38.98--13-PASS



1-N2-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1  
1-0.009-0.15-Ant1--60.17--43-PASS



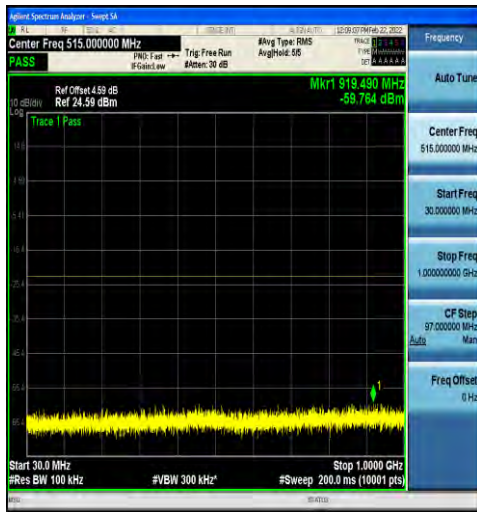
1-N2-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1  
-0.15-30-Ant1--71.50--33-PASS



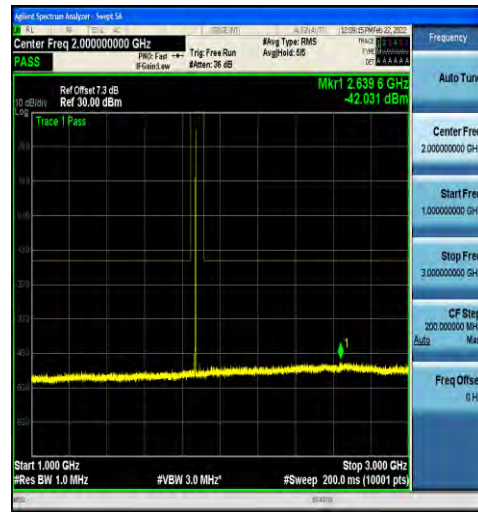
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1-N2-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-30-1000-Ant1--59.76--23-PASS



1-N2-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1  
-1000-3000-Ant1--42.03--13-PASS



1-N2-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-3000-12000-Ant1--49.06--13-PASS



1-N2-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1  
-12000-20000-Ant1--38.61--13-PASS



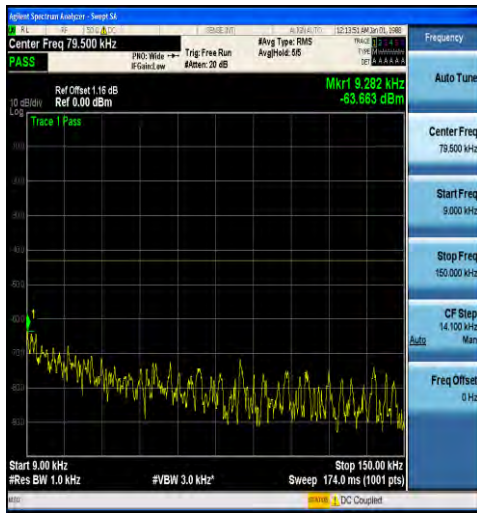
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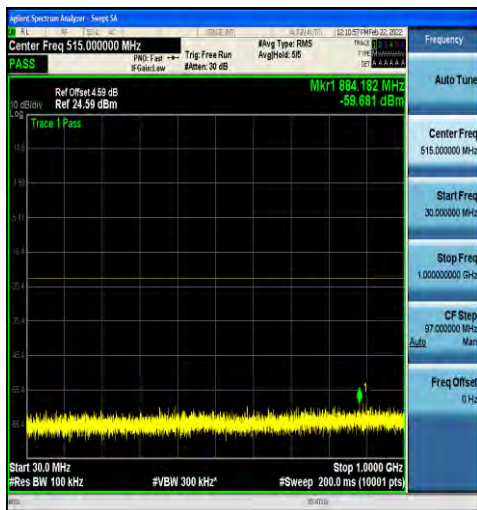




1-N2-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
 1-0.009-0.15-Ant1--63.66--43-PASS



1-N2-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1  
 -0.15-30-Ant1--70.96--33-PASS



1-N2-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
 1-30-1000-Ant1--59.68--23-PASS



1-N2-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1  
 -1000-3000-Ant1--42.16--13-PASS

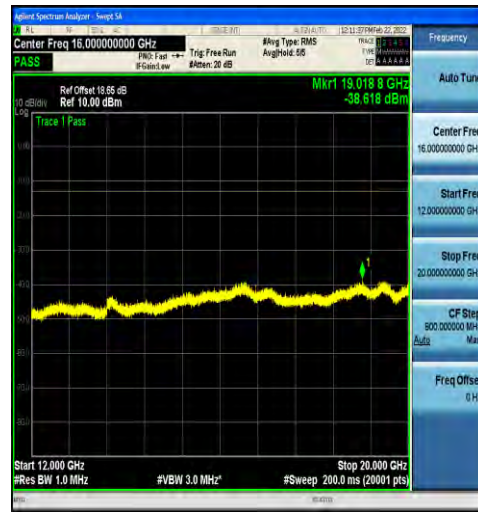


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1-N2-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-3000-12000-Ant1--48.92--13-PASS



1-N2-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1  
-12000-20000-Ant1--38.62--13-PASS



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## Field Strength of Spurious Radiation

Test Band =NR\_SA\_Band 2 \_ TM1

Test Channel =Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	47.28	-111.07	-63.79	-13.00	50.79	165	357	Horizontal
2	5553.27	50.98	-106.36	-55.38	-13.00	42.38	142	313	Horizontal
3	7404.36	49.04	-100.78	-51.74	-13.00	38.74	199	180	Horizontal
4	9255.45	47.17	-95.08	-47.91	-13.00	34.91	135	262	Horizontal
5	11106.54	41.56	-91.12	-49.56	-13.00	36.56	177	296	Horizontal
6	12957.63	41.61	-90.60	-48.99	-13.00	35.99	201	279	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	46.79	-111.07	-64.28	-13.00	51.28	188	357	Vertical
2	5553.27	49.35	-106.36	-57.01	-13.00	44.01	194	62	Vertical
3	7404.36	47.75	-100.78	-53.03	-13.00	40.03	165	0	Vertical
4	9255.45	47.10	-95.08	-47.98	-13.00	34.98	254	312	Vertical
5	11106.54	43.08	-91.12	-48.04	-13.00	35.04	174	145	Vertical
6	12957.63	43.02	-90.60	-47.58	-13.00	34.58	305	278	Vertical



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Test Band =NR\_SA\_Band 2 \_ TM1

Test Channel =Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	47.61	-110.86	-63.25	-13.00	50.25	166	64	Horizontal
2	5613.27	49.08	-106.14	-57.06	-13.00	44.06	194	311	Horizontal
3	7484.36	47.33	-100.43	-53.10	-13.00	40.10	182	180	Horizontal
4	9355.45	45.83	-94.96	-49.13	-13.00	36.13	311	228	Horizontal
5	11226.54	41.79	-90.95	-49.16	-13.00	36.16	148	131	Horizontal
6	13097.63	42.47	-90.07	-47.60	-13.00	34.60	172	2	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	47.94	-110.86	-62.92	-13.00	49.92	165	0	Vertical
2	5613.27	48.76	-106.14	-57.38	-13.00	44.38	148	112	Vertical
3	7484.36	47.56	-100.43	-52.87	-13.00	39.87	194	357	Vertical
4	9355.45	48.57	-94.96	-46.39	-13.00	33.39	123	45	Vertical
5	11226.54	42.47	-90.95	-48.48	-13.00	35.48	172	295	Vertical
6	13097.63	42.74	-90.07	-47.33	-13.00	34.33	222	176	Vertical



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Test Band =NR\_SA\_Band 2 \_ TM1

Test Channel =High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	50.21	-110.66	-60.45	-13.00	47.45	223	291	Horizontal
2	5673.27	48.80	-105.88	-57.08	-13.00	44.08	265	25	Horizontal
3	7564.36	47.08	-100.01	-52.93	-13.00	39.93	298	77	Horizontal
4	9455.45	44.69	-94.86	-50.17	-13.00	37.17	174	14	Horizontal
5	11346.54	42.16	-91.44	-49.28	-13.00	36.28	254	77	Horizontal
6	13237.63	43.84	-90.49	-46.65	-13.00	33.65	123	0	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	48.80	-110.66	-61.86	-13.00	48.86	111	246	Vertical
2	5673.27	49.22	-105.88	-56.66	-13.00	43.66	255	179	Vertical
3	7564.36	49.05	-100.01	-50.96	-13.00	37.96	234	0	Vertical
4	9455.45	45.39	-94.86	-49.47	-13.00	36.47	184	311	Vertical
5	11346.54	41.42	-91.44	-50.02	-13.00	37.02	171	131	Vertical
6	13237.63	42.56	-90.49	-47.93	-13.00	34.93	190	131	Vertical



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Test Band = \_5A\_n2A TM1

Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	49.88	-110.79	-60.91	-13.00	47.91	198	56	Horizontal
2	5553.2700	48.60	-107.44	-58.84	-13.00	45.84	142	344	Horizontal
3	7404.3600	47.82	-102.17	-54.35	-13.00	41.35	126	273	Horizontal
4	9255.4500	44.93	-97.11	-52.18	-13.00	39.18	235	331	Horizontal
5	11106.5400	42.36	-94.10	-51.74	-13.00	38.74	199	144	Horizontal
6	12957.6300	41.21	-92.71	-51.50	-13.00	38.50	142	42	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	48.86	-110.79	-61.93	-13.00	48.93	148	245	Vertical
2	5553.2700	48.63	-107.44	-58.81	-13.00	45.81	195	14	Vertical
3	7404.3600	49.22	-102.17	-52.95	-13.00	39.95	124	144	Vertical
4	9255.4500	45.79	-97.11	-51.32	-13.00	38.32	175	216	Vertical
5	11106.5400	42.11	-94.10	-51.99	-13.00	38.99	123	302	Vertical
6	12957.6300	40.46	-92.71	-52.25	-13.00	39.25	263	187	Vertical



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Test Band = \_5A\_n2A TM1

Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	50.93	-110.82	-59.89	-13.00	46.89	125	157	Horizontal
2	5613.2700	48.77	-107.23	-58.46	-13.00	45.46	189	258	Horizontal
3	7484.3600	46.78	-101.99	-55.21	-13.00	42.21	234	299	Horizontal
4	9355.4500	45.01	-96.81	-51.80	-13.00	38.80	166	299	Horizontal
5	11226.5400	43.84	-93.55	-49.71	-13.00	36.71	182	230	Horizontal
6	13097.6300	40.87	-92.39	-51.52	-13.00	38.52	134	359	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	49.20	-110.82	-61.62	-13.00	48.62	194	3	Vertical
2	5613.2700	48.43	-107.23	-58.80	-13.00	45.80	235	69	Vertical
3	7484.3600	48.43	-101.99	-53.56	-13.00	40.56	145	255	Vertical
4	9355.4500	44.49	-96.81	-52.32	-13.00	39.32	177	349	Vertical
5	11226.5400	42.97	-93.55	-50.58	-13.00	37.58	223	15	Vertical
6	13097.6300	42.18	-92.39	-50.21	-13.00	37.21	199	240	Vertical



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**Test Band = \_5A\_n2A TM1**

**Test Channel = High**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	49.40	-110.84	-61.44	-13.00	48.44	148	3	Horizontal
2	5673.2700	49.22	-106.88	-57.66	-13.00	44.66	169	42	Horizontal
3	7564.3600	47.40	-101.86	-54.46	-13.00	41.46	125	359	Horizontal
4	9455.4500	45.27	-96.84	-51.57	-13.00	38.57	148	359	Horizontal
5	11346.5400	42.03	-93.55	-51.52	-13.00	38.52	166	356	Horizontal
6	13237.6300	41.38	-92.37	-50.99	-13.00	37.99	237	228	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	50.93	-110.84	-59.91	-13.00	46.91	184	352	Vertical
2	5673.2700	48.87	-106.88	-58.01	-13.00	45.01	168	286	Vertical
3	7564.3600	47.51	-101.86	-54.35	-13.00	41.35	132	15	Vertical
4	9455.4500	45.34	-96.84	-51.50	-13.00	38.50	177	228	Vertical
5	11346.5400	41.23	-93.55	-52.32	-13.00	39.32	128	100	Vertical
6	13237.6300	39.72	-92.37	-52.65	-13.00	39.65	144	199	Vertical



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Test Band = \_12A\_n2A TM1

Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	50.59	-110.79	-60.20	-13.00	47.20	184	314	Horizontal
2	5898	56.69	-106.29	-49.60	-13.00	36.60	199	71	Horizontal
3	7404.3600	48.30	-102.17	-53.87	-13.00	40.87	254	185	Horizontal
4	9830.25	51.41	-96.43	-45.02	-13.00	32.02	168	13	Horizontal
5	11796.75	49.42	-93.45	-44.03	-13.00	31.03	175	342	Horizontal
6	12957.6300	41.08	-92.71	-51.63	-13.00	38.63	122	85	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	48.42	-110.79	-62.37	-13.00	49.37	158	244	Vertical
2	5898	56.71	-106.29	-49.58	-13.00	36.58	125	258	Vertical
3	7404.3600	48.25	-102.17	-53.92	-13.00	40.92	133	99	Vertical
4	9830.25	50.26	-96.43	-46.17	-13.00	33.17	235	128	Vertical
5	11796.75	46.76	-93.45	-46.69	-13.00	33.69	241	157	Vertical
6	12957.6300	40.35	-92.71	-52.36	-13.00	39.36	199	330	Vertical



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Test Band = \_12A\_n2A TM1

Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	49.48	-110.82	-61.34	-13.00	48.34	178	128	Horizontal
2	5898	55.96	-106.29	-50.33	-13.00	37.33	194	243	Horizontal
3	7484.3600	47.10	-101.99	-54.89	-13.00	41.89	102	271	Horizontal
4	9830.25	50.76	-96.43	-45.67	-13.00	32.67	255	360	Horizontal
5	11796.75	49.66	-93.45	-43.79	-13.00	30.79	135	357	Horizontal
6	13097.6300	41.09	-92.39	-51.30	-13.00	38.30	199	257	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	50.61	-110.82	-60.21	-13.00	47.21	148	314	Vertical
2	5613.2700	50.09	-107.23	-57.14	-13.00	44.14	125	257	Vertical
3	7484.3600	47.16	-101.99	-54.83	-13.00	41.83	235	350	Vertical
4	9355.4500	45.04	-96.81	-51.77	-13.00	38.77	145	257	Vertical
5	11226.5400	42.95	-93.55	-50.60	-13.00	37.60	199	141	Vertical
6	13097.6300	40.75	-92.39	-51.64	-13.00	38.64	221	72	Vertical



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Test Band = \_12A\_n2A TM1

Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	50.17	-110.84	-60.67	-13.00	47.67	148	351	Horizontal
2	5673.2700	48.91	-106.88	-57.97	-13.00	44.97	156	29	Horizontal
3	7564.3600	47.63	-101.86	-54.23	-13.00	41.23	239	57	Horizontal
4	9455.4500	44.37	-96.84	-52.47	-13.00	39.47	191	351	Horizontal
5	11346.5400	41.65	-93.55	-51.90	-13.00	38.90	172	144	Horizontal
6	13237.6300	41.21	-92.37	-51.16	-13.00	38.16	184	360	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	49.42	-110.84	-61.42	-13.00	48.42	233	313	Vertical
2	5673.2700	49.93	-106.88	-56.95	-13.00	43.95	142	227	Vertical
3	7564.3600	46.55	-101.86	-55.31	-13.00	42.31	188	352	Vertical
4	9455.4500	44.34	-96.84	-52.50	-13.00	39.50	165	284	Vertical
5	11346.5400	41.72	-93.55	-51.83	-13.00	38.83	192	360	Vertical
6	13237.6300	40.67	-92.37	-51.70	-13.00	38.70	209	3	Vertical



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## 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
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	2.850000	0.001516	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	5.665000	0.003013	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	4.296000	0.002285	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VH	NT	1.882000	0.001001	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VN	NT	1.669000	0.000888	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VL	NT	1.448000	0.000770	PASS



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Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	6.172000	0.003283	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	5.530000	0.002941	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	3.404000	0.001811	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	4.440000	0.002362	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	4.968000	0.002643	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	6.101000	0.003245	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	4.669000	0.002484	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	6.160000	0.003277	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	4.236000	0.002253	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-30	1.510000	0.000803	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-20	1.740000	0.000926	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-10	0.315000	0.000168	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	0	2.008000	0.001068	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	10	1.047000	0.000557	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	20	1.637000	0.000871	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	30	0.780000	0.000415	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	40	3.049000	0.001622	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	50	-0.299000	-0.000159	PASS

The End



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