

Report No.: SEWA2303000029RG02

Rev.: 01

Page: 1 of 73

# Appendix B.26

## NR Band n2



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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	Verdict
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.54	24.27	33	PASS
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.56	24.29	33	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	23.07	23.8	33	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	23.51	24.24	33	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Right	23.53	24.26	33	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	22.74	23.47	33	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	22.62	23.35	33	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Right	22.64	23.37	33	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	21.73	22.46	33	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Left	21.13	21.86	33	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Right	21.18	21.91	33	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	21.16	21.89	33	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Left	19.16	19.89	33	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Right	19.28	20.01	33	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	19.24	19.97	33	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.76	24.49	33	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.69	24.42	33	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	23.12	23.85	33	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	23.73	24.46	33	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Right	23.7	24.43	33	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	22.94	23.67	33	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	22.84	23.57	33	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Right	22.77	23.5	33	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	21.88	22.61	33	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Left	21.36	22.09	33	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Right	21.29	22.02	33	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	21.34	22.07	33	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Left	19.45	20.18	33	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Right	19.39	20.12	33	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	19.45	20.18	33	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.51	24.24	33	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.45	24.18	33	PASS



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Report No.: SEWA2303000029RG02

Rev.: 01

Page: 3 of 73

N2	15	5	DFT-PI2BPSK	H	Outer_Full	22.95	23.68	33	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Left	23.6	24.33	33	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Right	23.59	24.32	33	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	22.72	23.45	33	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Left	22.64	23.37	33	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Right	22.78	23.51	33	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	21.73	22.46	33	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Left	21.11	21.84	33	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Right	21.13	21.86	33	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	21.19	21.92	33	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Left	19.2	19.93	33	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Right	19.23	19.96	33	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	19.26	19.99	33	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.54	24.27	33	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.53	24.26	33	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	22.91	23.64	33	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Left	23.46	24.19	33	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Right	23.47	24.2	33	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	22.67	23.4	33	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Left	22.56	23.29	33	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Right	22.63	23.36	33	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	21.62	22.35	33	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Left	21.04	21.77	33	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Right	21.04	21.77	33	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	21.17	21.9	33	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Left	19.14	19.87	33	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Right	19.2	19.93	33	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	19.14	19.87	33	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.73	24.46	33	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.59	24.32	33	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	23.11	23.84	33	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Left	23.75	24.48	33	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Right	23.62	24.35	33	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	22.91	23.64	33	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Left	22.82	23.55	33	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Right	22.7	23.43	33	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	21.88	22.61	33	PASS



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N2	15	10	DFT-64QAM	M	Inner_1RB_Left	21.33	22.06	33	PASS
N2	15	10	DFT-64QAM	M	Inner_1RB_Right	21.23	21.96	33	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	21.39	22.12	33	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Left	19.44	20.17	33	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Right	19.3	20.03	33	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	19.37	20.1	33	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.46	24.19	33	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.44	24.17	33	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	22.96	23.69	33	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Left	23.52	24.25	33	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Right	23.52	24.25	33	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	22.7	23.43	33	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Left	22.62	23.35	33	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Right	22.68	23.41	33	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	21.6	22.33	33	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Left	21.07	21.8	33	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Right	21.07	21.8	33	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	21.18	21.91	33	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Left	19.26	19.99	33	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Right	19.22	19.95	33	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	19.11	19.84	33	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.5	24.23	33	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.48	24.21	33	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	22.95	23.68	33	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Left	23.46	24.19	33	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Right	23.58	24.31	33	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	22.67	23.4	33	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Left	22.53	23.26	33	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Right	22.64	23.37	33	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	21.64	22.37	33	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Left	21	21.73	33	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Right	21.14	21.87	33	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	21.2	21.93	33	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Left	19.13	19.86	33	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Right	19.31	20.04	33	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	19.1	19.83	33	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.71	24.44	33	PASS



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Report No.: SEWA2303000029RG02

Rev.: 01

Page: 5 of 73

N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.65	24.38	33	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	23.18	23.91	33	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Left	23.67	24.4	33	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Right	23.57	24.3	33	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	22.95	23.68	33	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	22.76	23.49	33	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Right	22.78	23.51	33	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	21.84	22.57	33	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Left	21.28	22.01	33	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Right	21.2	21.93	33	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	21.4	22.13	33	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Left	19.4	20.13	33	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Right	19.28	20.01	33	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	19.3	20.03	33	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.55	24.28	33	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.4	24.13	33	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	22.97	23.7	33	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	23.64	24.37	33	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Right	23.55	24.28	33	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	22.69	23.42	33	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	22.64	23.37	33	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Right	22.71	23.44	33	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	21.77	22.5	33	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Left	21.15	21.88	33	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Right	21.17	21.9	33	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	21.26	21.99	33	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Left	19.19	19.92	33	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Right	19.28	20.01	33	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	19.14	19.87	33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.61	24.34	33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.65	24.38	33	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	22.96	23.69	33	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	23.51	24.24	33	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	23.71	24.44	33	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	22.78	23.51	33	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	22.58	23.31	33	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Right	22.77	23.5	33	PASS



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Report No.: SEWA2303000029RG02

Rev.: 01

Page: 6 of 73

N2	15	20	DFT-16QAM	L	Outer_Full	21.77	22.5	33	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Left	21.11	21.84	33	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Right	21.27	22	33	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	21.24	21.97	33	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Left	19.19	19.92	33	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Right	19.36	20.09	33	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	19.27	20	33	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.68	24.41	33	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.61	24.34	33	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	23.16	23.89	33	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Left	23.86	24.59	33	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Right	23.69	24.42	33	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	22.96	23.69	33	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Left	23.14	23.87	33	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Right	23.06	23.79	33	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	22	22.73	33	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Left	21.77	22.5	33	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Right	21.73	22.46	33	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	21.45	22.18	33	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Left	19	19.73	33	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Right	18.93	19.66	33	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	19.45	20.18	33	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.67	24.4	33	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.54	24.27	33	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	23.11	23.84	33	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Left	23.72	24.45	33	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Right	23.58	24.31	33	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	22.83	23.56	33	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Left	22.98	23.71	33	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Right	22.85	23.58	33	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	22.01	22.74	33	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Left	21.56	22.29	33	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Right	21.36	22.09	33	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	21.52	22.25	33	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Left	18.96	19.69	33	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Right	18.94	19.67	33	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	19.25	19.98	33	PASS



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Report No.: SEWA2303000029RG02

Rev.: 01

Page: 7 of 73

## Peak-to-Average Ratio for SA

## Peak-to-Average Ratio(PAPR)

### 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	8.96	≤13	PASS
N2	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.40	≤13	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.96	≤13	PASS
N2	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.67	≤13	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.87	≤13	PASS
N2	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.61	≤13	PASS



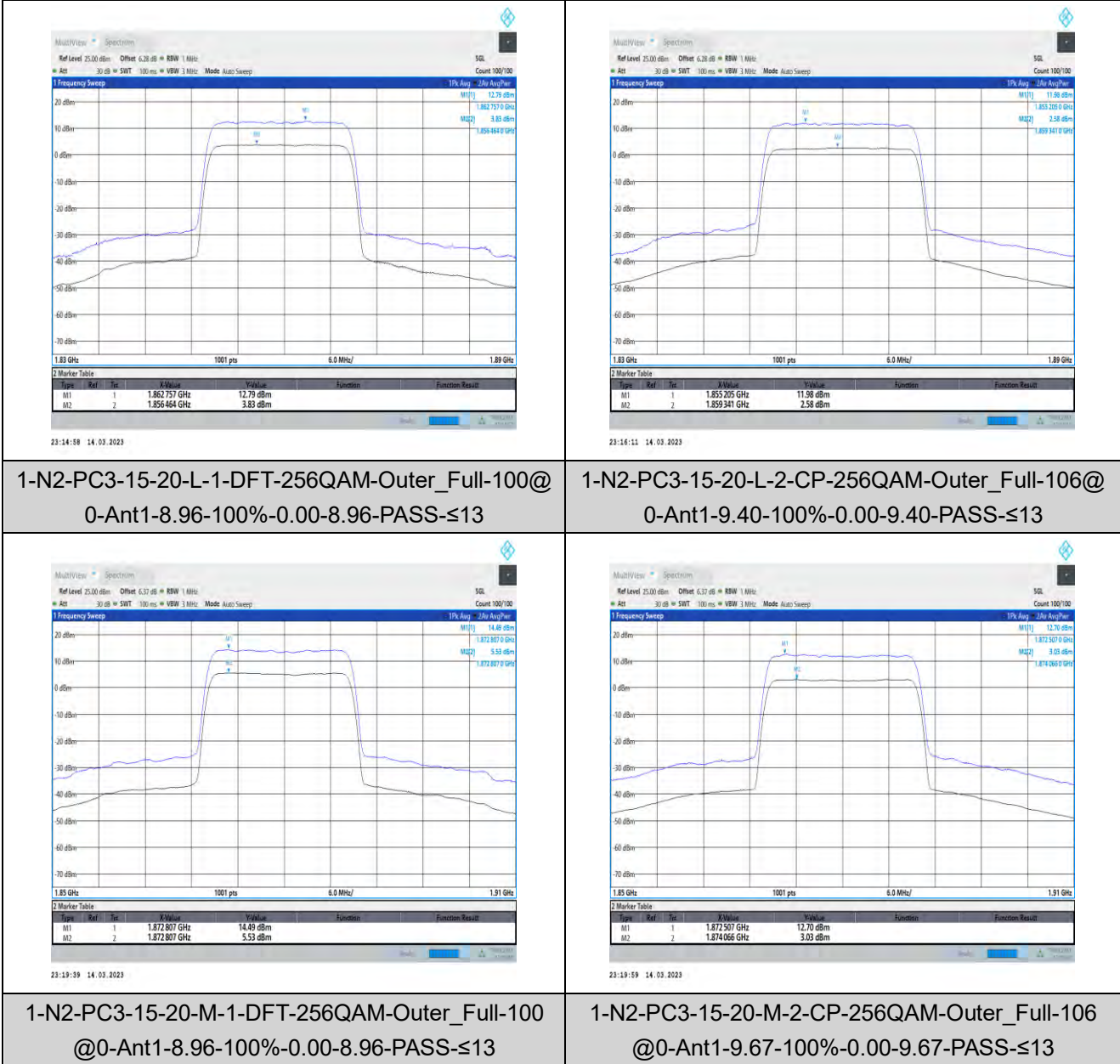
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Test Graphs



1-N2-PC3-15-20-L-1-DFT-256QAM-Outer\_Full-100@  
0-Ant1-8.96-100%-0.00-8.96-PASS-≤13

1-N2-PC3-15-20-L-2-CP-256QAM-Outer\_Full-106@  
0-Ant1-9.40-100%-0.00-9.40-PASS-≤13

1-N2-PC3-15-20-M-1-DFT-256QAM-Outer\_Full-100  
@0-Ant1-8.96-100%-0.00-8.96-PASS-≤13

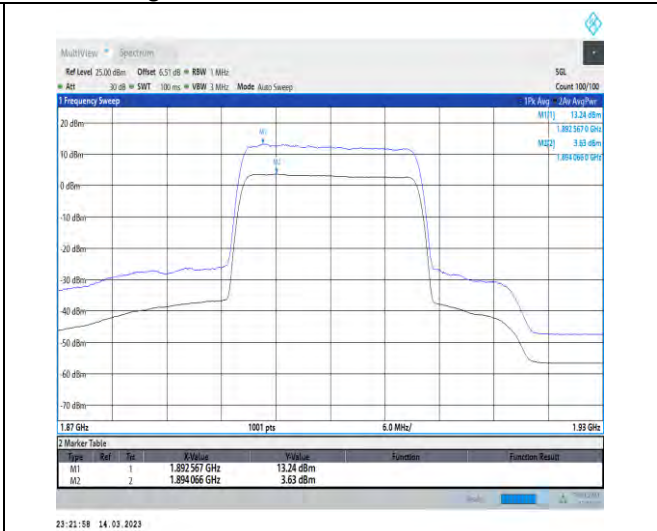
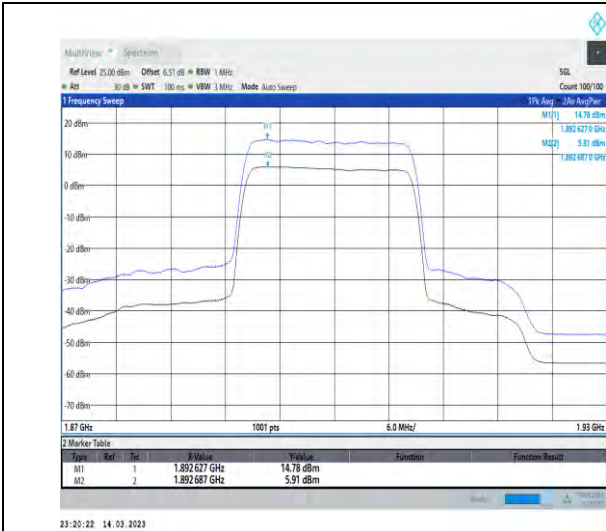
1-N2-PC3-15-20-M-2-CP-256QAM-Outer\_Full-106  
@0-Ant1-9.67-100%-0.00-9.67-PASS-≤13



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1-N2-PC3-15-20-H-1-DFT-256QAM-Outer\_Full-100 @0-Ant1-8.87-100%-0.00-8.87-PASS-≤13

1-N2-PC3-15-20-H-2-CP-256QAM-Outer\_Full-106 @0-Ant1-9.61-100%-0.00-9.61-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



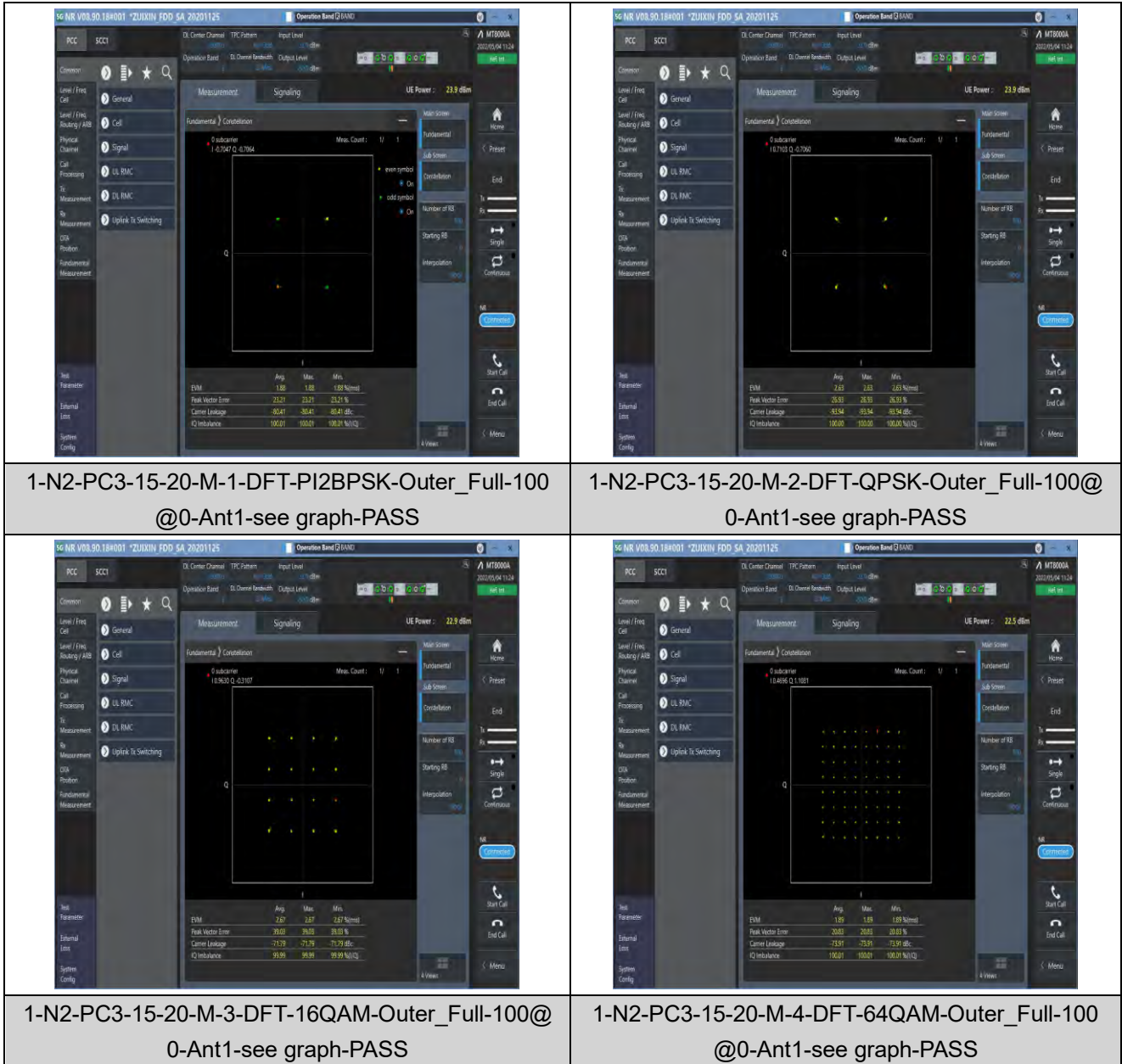
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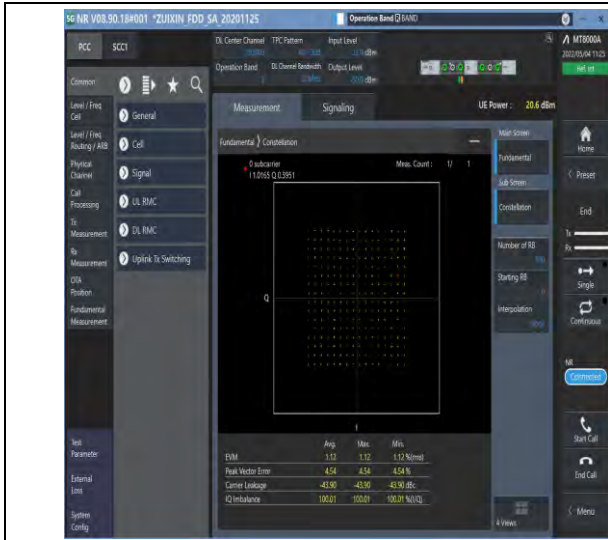
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### Test Graphs

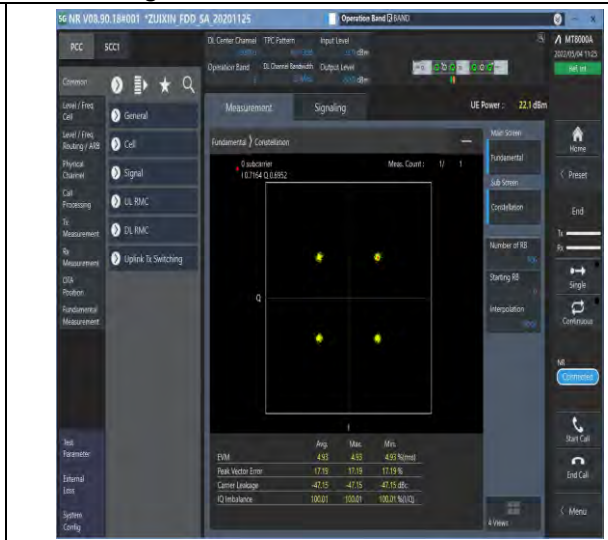


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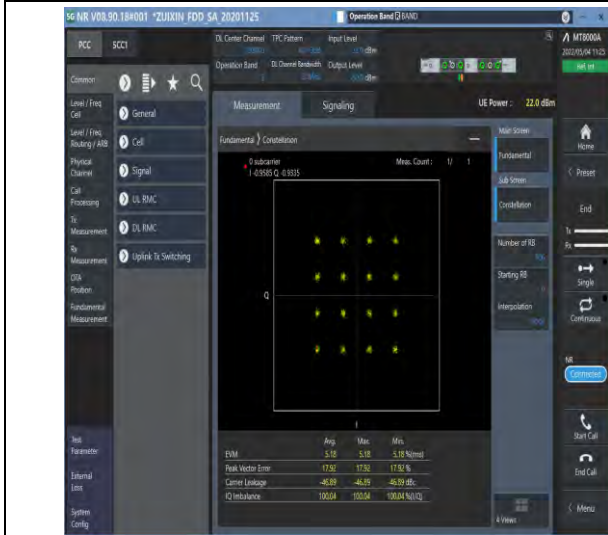
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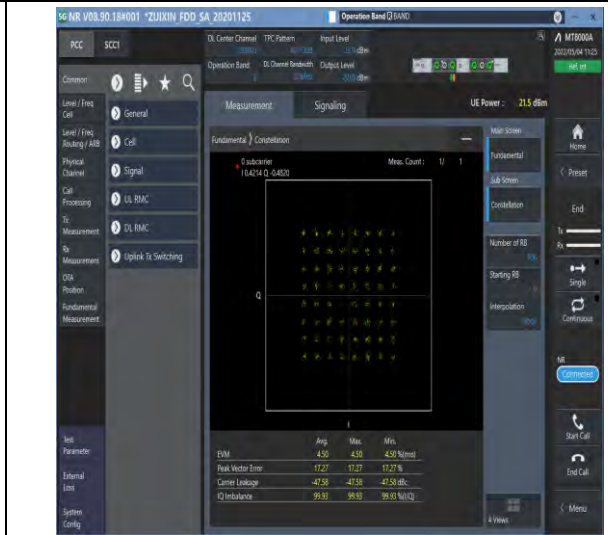
1-N2-PC3-15-20-M-5-DFT-256QAM-Outer\_Full-100 @0-Ant1-see graph-PASS



1-N2-PC3-15-20-M-6-CP-QPSK-Outer\_Full-106@0-Ant1-see graph-PASS



1-N2-PC3-15-20-M-7-CP-16QAM-Outer\_Full-106@0-Ant1-see graph-PASS



1-N2-PC3-15-20-M-8-CP-64QAM-Outer\_Full-106@0-Ant1-see graph-PASS



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<p>The screenshot shows a software interface for signal measurement. It includes a menu on the left with options like 'General', 'Cell', 'Signal', 'UL BIC', 'DL BIC', and 'Uplink Tx Switching'. The main area displays a constellation diagram for 'Fundamental' and '1-10019 Q, 1.1406'. Below the diagram is a table of measurement results:</p> <table border="1"> <thead> <tr> <th>Test Parameter</th> <th>Avg</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>EVM</td> <td>1.31</td> <td>1.31</td> <td>131.50m</td> </tr> <tr> <td>Peak Vector Error</td> <td>4.37</td> <td>4.37</td> <td>437%</td> </tr> <tr> <td>Carrier Leakage</td> <td>-43.25</td> <td>-43.25</td> <td>-43.25 dBc</td> </tr> <tr> <td>IQ Imbalance</td> <td>99.95</td> <td>99.95</td> <td>99.95 %/1Q</td> </tr> </tbody> </table>	Test Parameter	Avg	Min	Max	EVM	1.31	1.31	131.50m	Peak Vector Error	4.37	4.37	437%	Carrier Leakage	-43.25	-43.25	-43.25 dBc	IQ Imbalance	99.95	99.95	99.95 %/1Q	
Test Parameter	Avg	Min	Max																		
EVM	1.31	1.31	131.50m																		
Peak Vector Error	4.37	4.37	437%																		
Carrier Leakage	-43.25	-43.25	-43.25 dBc																		
IQ Imbalance	99.95	99.95	99.95 %/1Q																		
<p>1-N2-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@ 0-Ant1-see graph-PASS</p>																					



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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	4.45	4.770	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	4.452	4.850	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	4.472	4.790	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	4.466	4.810	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	4.464	4.840	PASS
N2	15	5	CP-QPSK	L	Outer_Full	4.469	4.860	PASS
N2	15	5	CP-16QAM	L	Outer_Full	4.475	4.800	PASS
N2	15	5	CP-64QAM	L	Outer_Full	4.466	4.870	PASS
N2	15	5	CP-256QAM	L	Outer_Full	4.48	4.810	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	4.468	4.810	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	4.454	4.790	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	4.476	4.790	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	4.484	4.830	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	4.46	4.820	PASS
N2	15	5	CP-QPSK	M	Outer_Full	4.46	4.810	PASS
N2	15	5	CP-16QAM	M	Outer_Full	4.466	4.840	PASS
N2	15	5	CP-64QAM	M	Outer_Full	4.471	4.850	PASS
N2	15	5	CP-256QAM	M	Outer_Full	4.469	4.820	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	4.458	4.830	PASS
N2	15	5	DFT-PI2BPSK	H	Outer_Full	4.465	4.840	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	4.486	4.840	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	4.48	4.840	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	4.448	4.810	PASS
N2	15	5	CP-QPSK	H	Outer_Full	4.479	4.850	PASS
N2	15	5	CP-16QAM	H	Outer_Full	4.477	4.870	PASS
N2	15	5	CP-64QAM	H	Outer_Full	4.468	4.820	PASS
N2	15	5	CP-256QAM	H	Outer_Full	4.472	4.810	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	8.937	9.440	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	8.927	9.400	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	8.93	9.440	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	8.917	9.440	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	8.929	9.420	PASS



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Report No.: SEWA2303000029RG02

Rev.: 01

Page: 15 of 73

N2	15	10	CP-QPSK	L	Outer_Full	9.278	9.760	PASS
N2	15	10	CP-16QAM	L	Outer_Full	9.276	9.840	PASS
N2	15	10	CP-64QAM	L	Outer_Full	9.301	9.760	PASS
N2	15	10	CP-256QAM	L	Outer_Full	9.284	9.760	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	8.923	9.320	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	8.938	9.380	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	8.923	9.380	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	8.918	9.480	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	8.958	9.460	PASS
N2	15	10	CP-QPSK	M	Outer_Full	9.282	9.800	PASS
N2	15	10	CP-16QAM	M	Outer_Full	9.307	9.820	PASS
N2	15	10	CP-64QAM	M	Outer_Full	9.283	9.780	PASS
N2	15	10	CP-256QAM	M	Outer_Full	9.294	9.680	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	8.954	9.440	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	8.927	9.420	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	8.901	9.380	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	8.921	9.440	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	8.93	9.420	PASS
N2	15	10	CP-QPSK	H	Outer_Full	9.281	9.780	PASS
N2	15	10	CP-16QAM	H	Outer_Full	9.306	9.800	PASS
N2	15	10	CP-64QAM	H	Outer_Full	9.3	9.720	PASS
N2	15	10	CP-256QAM	H	Outer_Full	9.309	9.760	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	13.426	14.100	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	13.417	14.040	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	13.433	14.130	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	13.415	14.040	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	13.424	14.040	PASS
N2	15	15	CP-QPSK	L	Outer_Full	14.108	14.790	PASS
N2	15	15	CP-16QAM	L	Outer_Full	14.131	14.730	PASS
N2	15	15	CP-64QAM	L	Outer_Full	14.115	14.760	PASS
N2	15	15	CP-256QAM	L	Outer_Full	14.108	14.790	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	13.449	14.070	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	13.434	14.100	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	13.424	14.130	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	13.425	14.100	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	13.421	14.040	PASS
N2	15	15	CP-QPSK	M	Outer_Full	14.132	14.820	PASS



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N2	15	15	CP-16QAM	M	Outer_Full	14.14	14.910	PASS
N2	15	15	CP-64QAM	M	Outer_Full	14.098	14.790	PASS
N2	15	15	CP-256QAM	M	Outer_Full	14.107	14.760	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	13.45	14.160	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	13.406	14.040	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	13.427	14.070	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	13.417	14.130	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	13.422	14.010	PASS
N2	15	15	CP-QPSK	H	Outer_Full	14.137	14.790	PASS
N2	15	15	CP-16QAM	H	Outer_Full	14.152	14.790	PASS
N2	15	15	CP-64QAM	H	Outer_Full	14.125	14.760	PASS
N2	15	15	CP-256QAM	H	Outer_Full	14.082	14.850	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	17.889	18.640	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	17.864	18.720	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	17.87	18.600	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	17.87	18.600	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	17.89	18.640	PASS
N2	15	20	CP-QPSK	L	Outer_Full	18.944	19.720	PASS
N2	15	20	CP-16QAM	L	Outer_Full	18.907	19.720	PASS
N2	15	20	CP-64QAM	L	Outer_Full	18.853	19.720	PASS
N2	15	20	CP-256QAM	L	Outer_Full	18.88	19.600	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	17.932	18.560	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	17.892	18.720	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	17.837	18.680	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	17.886	18.680	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	17.857	18.680	PASS
N2	15	20	CP-QPSK	M	Outer_Full	18.945	19.720	PASS
N2	15	20	CP-16QAM	M	Outer_Full	18.915	19.680	PASS
N2	15	20	CP-64QAM	M	Outer_Full	18.935	19.720	PASS
N2	15	20	CP-256QAM	M	Outer_Full	18.906	19.680	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	17.905	18.600	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	17.885	18.640	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	17.83	18.520	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	17.88	18.560	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	17.903	18.680	PASS
N2	15	20	CP-QPSK	H	Outer_Full	18.897	19.760	PASS
N2	15	20	CP-16QAM	H	Outer_Full	18.924	19.680	PASS



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Report No.: SEWA2303000029RG02

Rev.: 01

Page: 17 of 73

N2	15	20	CP-64QAM	H	Outer_Full	18.892	19.680	PASS
N2	15	20	CP-256QAM	H	Outer_Full	18.885	19.680	PASS

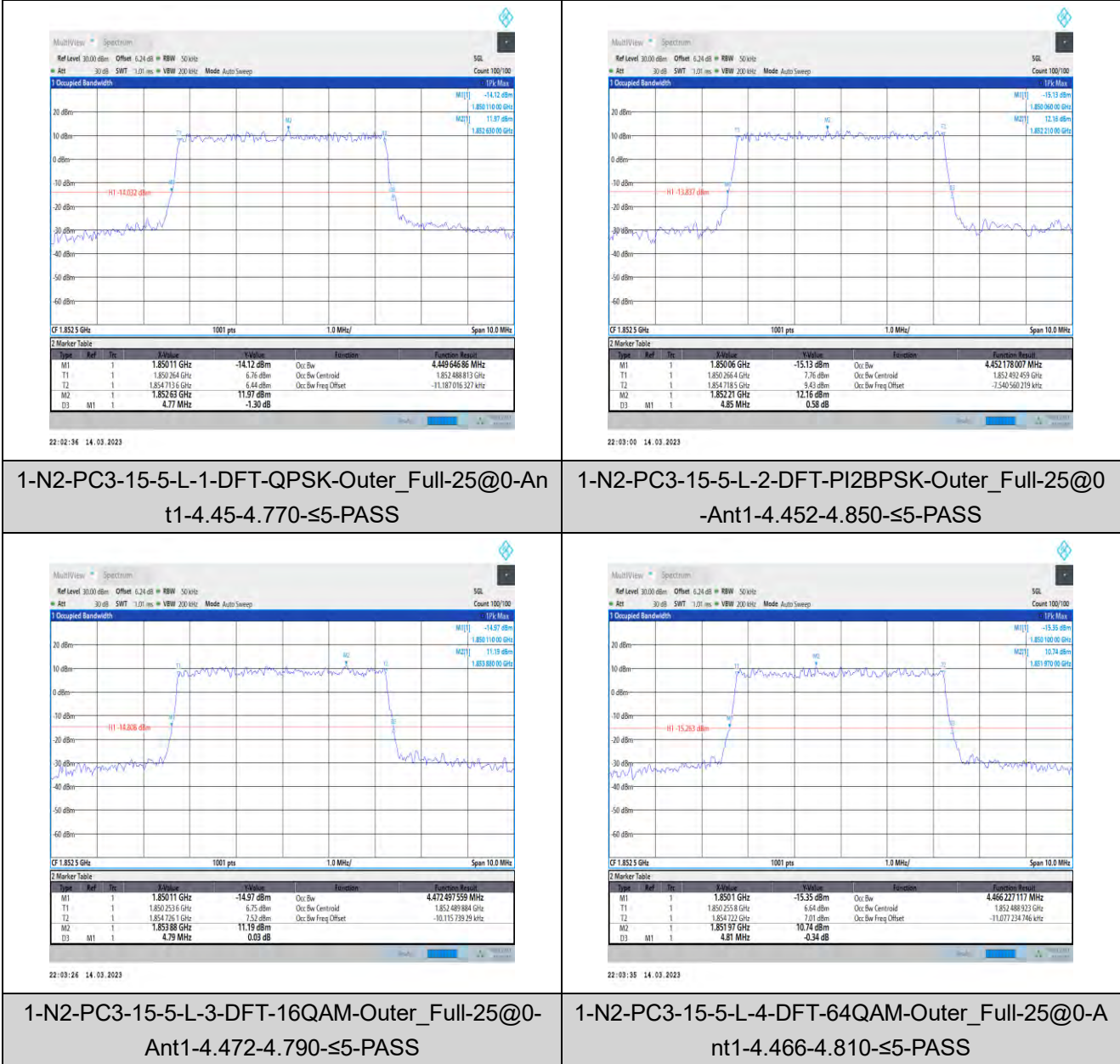


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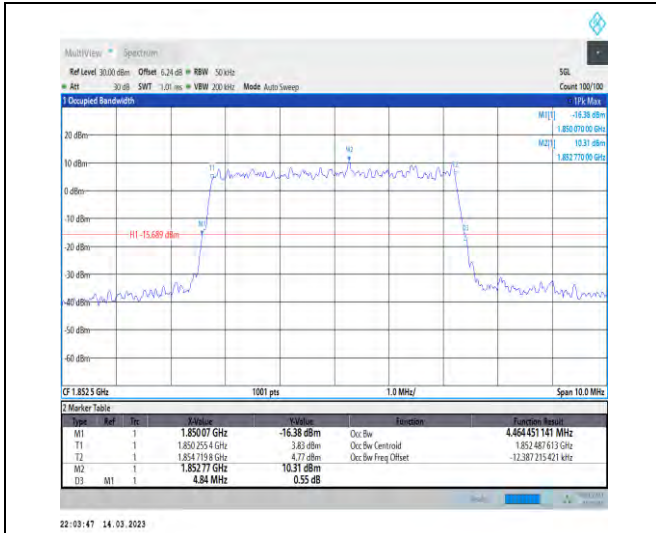
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Test Graphs



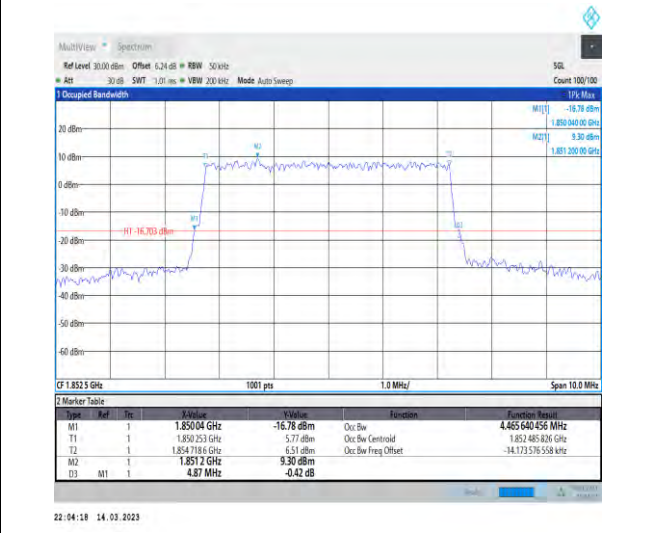
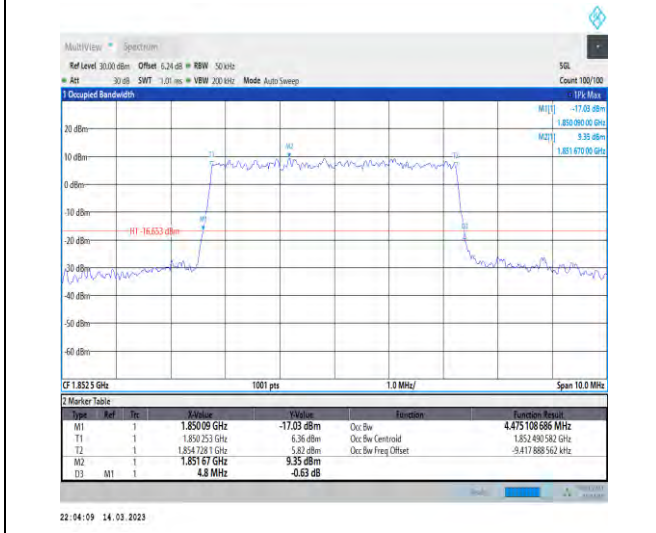
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1-N2-PC3-15-5-L-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.464-4.840-≤5-PASS

1-N2-PC3-15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant 1-4.469-4.860-≤5-PASS



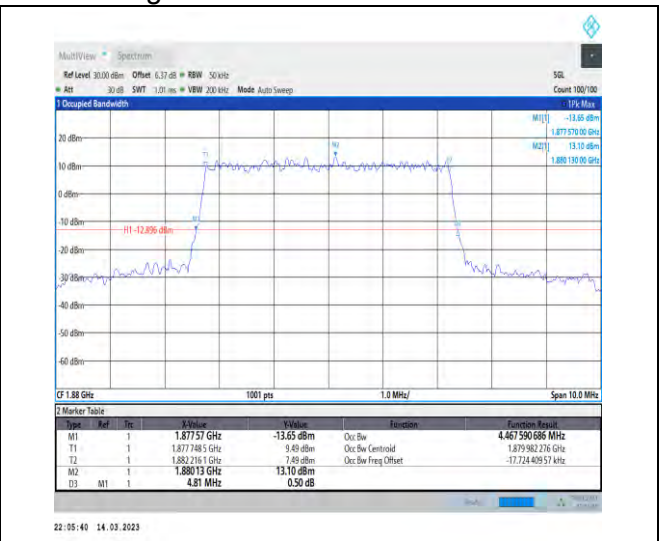
1-N2-PC3-15-5-L-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.475-4.800-≤5-PASS

1-N2-PC3-15-5-L-8-CP-64QAM-Outer\_Full-25@0-Ant1-4.466-4.870-≤5-PASS



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1-N2-PC3-15-5-L-9-CP-256QAM-Outer\_Full-25@0-Ant1-4.48-4.810-≤5-PASS

1-N2-PC3-15-5-M-1-DFT-QPSK-Outer\_Full-25@0-Ant1-4.468-4.810-≤5-PASS



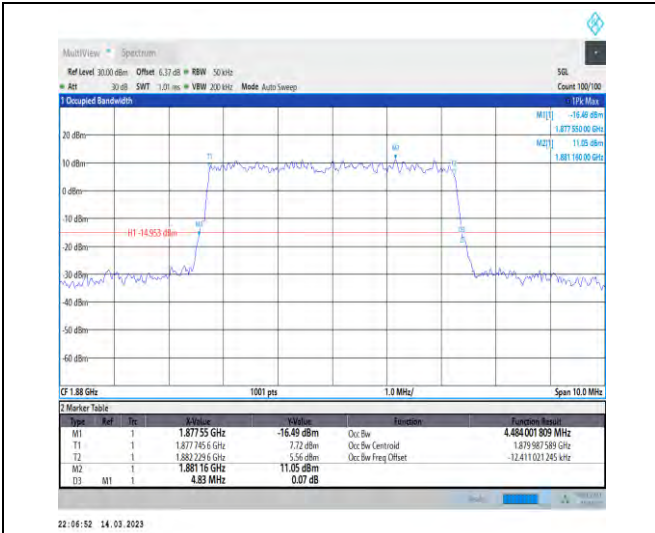
1-N2-PC3-15-5-M-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-4.454-4.790-≤5-PASS

1-N2-PC3-15-5-M-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.476-4.790-≤5-PASS



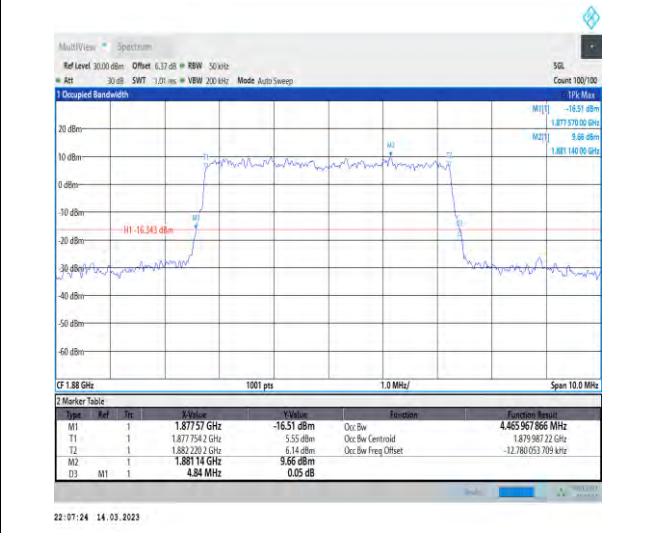
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1-N2-PC3-15-5-M-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.484-4.830-≤5-PASS

1-N2-PC3-15-5-M-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.46-4.820-≤5-PASS



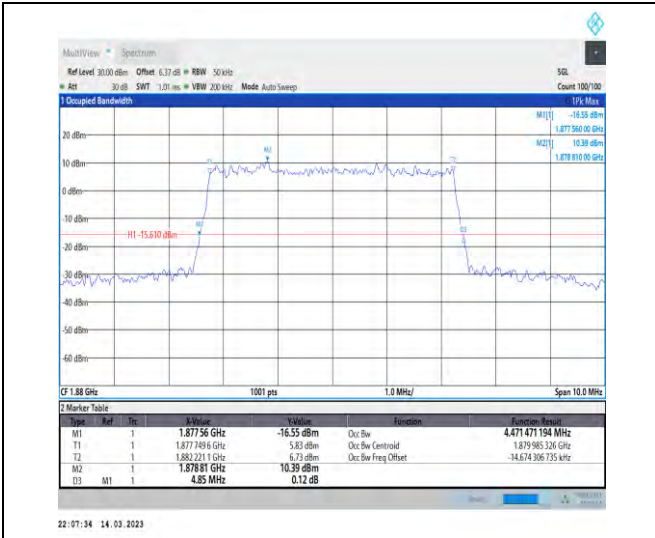
1-N2-PC3-15-5-M-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.46-4.810-≤5-PASS

1-N2-PC3-15-5-M-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.466-4.840-≤5-PASS

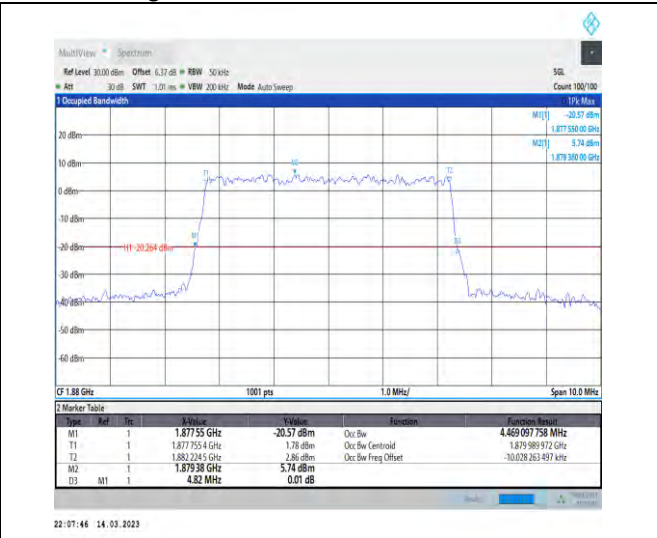


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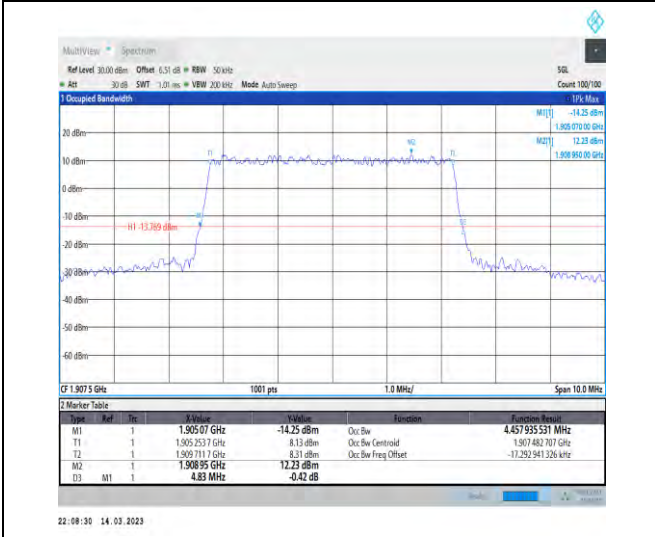
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1-N2-PC3-15-5-M-8-CP-64QAM-Outer\_Full-25@0-A  
nt1-4.471-4.850-≤5-PASS



1-N2-PC3-15-5-M-9-CP-256QAM-Outer\_Full-25@0-A  
Ant1-4.469-4.820-≤5-PASS



1-N2-PC3-15-5-H-1-DFT-QPSK-Outer\_Full-25@0-A  
nt1-4.458-4.830-≤5-PASS

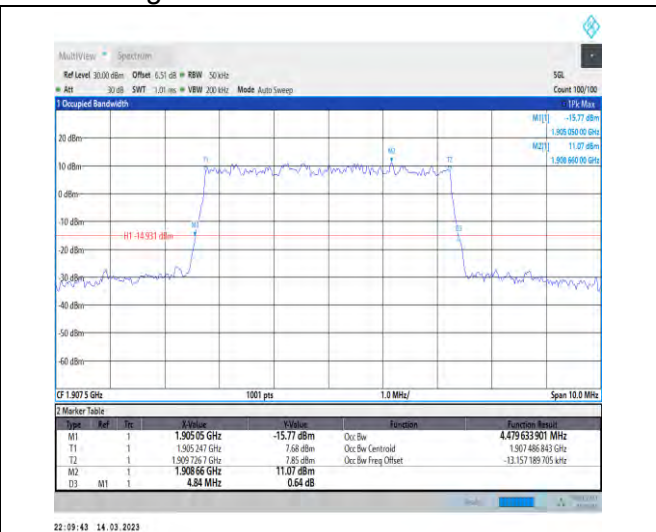
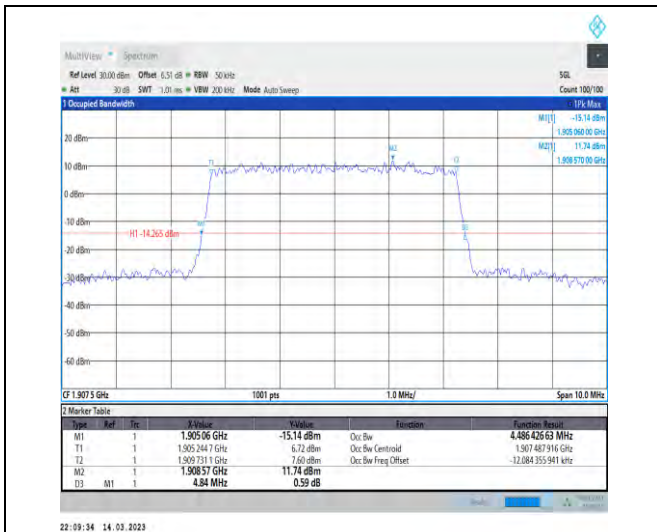


1-N2-PC3-15-5-H-2-DFT-PI2BPSK-Outer\_Full-25@0-A  
-Ant1-4.465-4.840-≤5-PASS



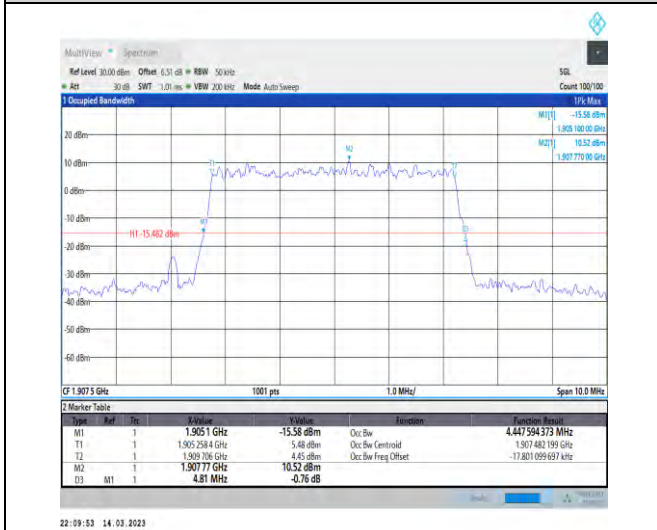
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1-N2-PC3-15-5-H-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.486-4.840-≤5-PASS

1-N2-PC3-15-5-H-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.48-4.840-≤5-PASS



1-N2-PC3-15-5-H-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.448-4.810-≤5-PASS

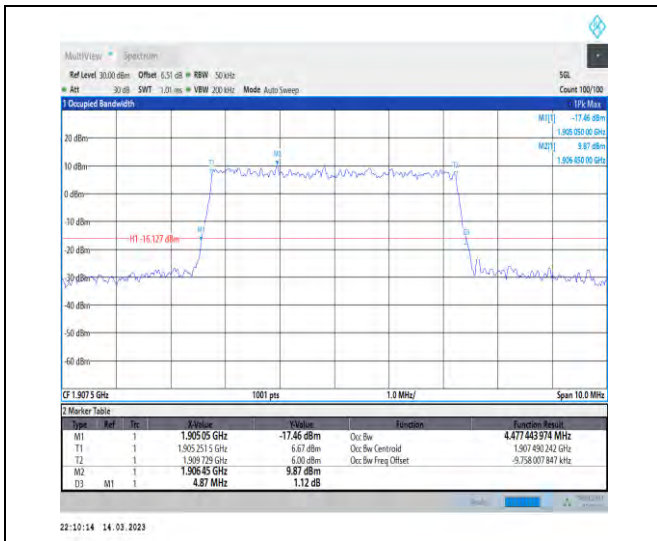
1-N2-PC3-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.479-4.850-≤5-PASS



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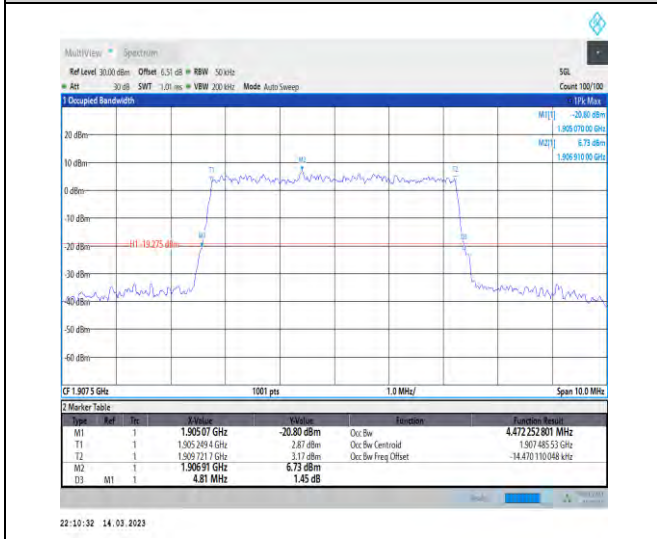
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1-N2-PC3-15-5-H-7-CP-16QAM-Outer\_Full-25@0-A  
 nt1-4.477-4.870-≤5-PASS



1-N2-PC3-15-5-H-8-CP-64QAM-Outer\_Full-25@0-A  
 nt1-4.468-4.820-≤5-PASS



1-N2-PC3-15-5-H-9-CP-256QAM-Outer\_Full-25@0-A  
 Ant1-4.472-4.810-≤5-PASS



1-N2-PC3-15-10-L-1-DFT-QPSK-Outer\_Full-50@0-A  
 nt1-8.937-9.440-≤10-PASS



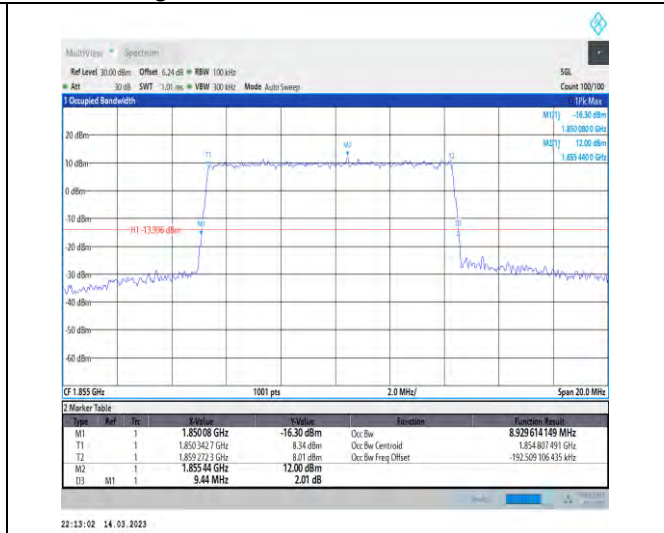
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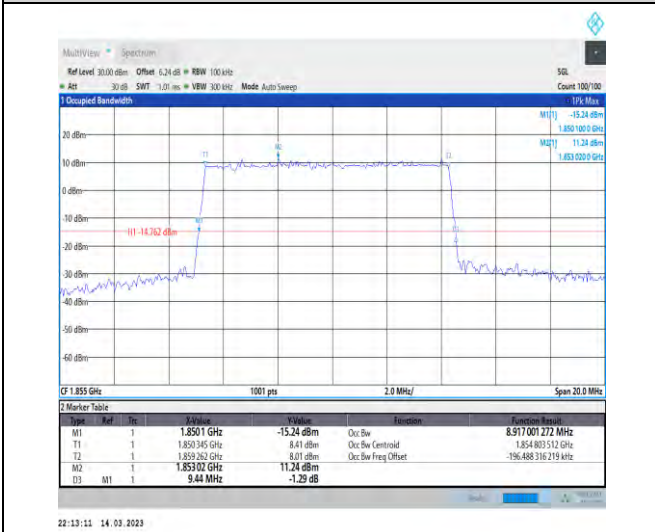




1-N2-PC3-15-10-L-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.927-9.400-≤10-PASS



1-N2-PC3-15-10-L-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.93-9.440-≤10-PASS



1-N2-PC3-15-10-L-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.917-9.440-≤10-PASS

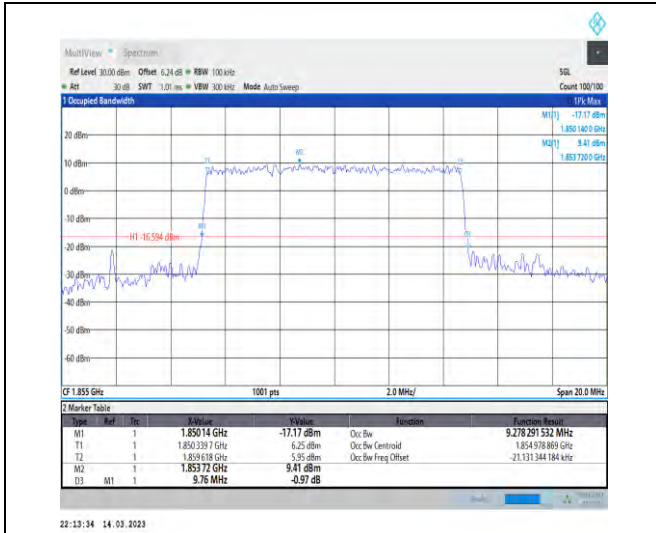


1-N2-PC3-15-10-L-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.929-9.420-≤10-PASS

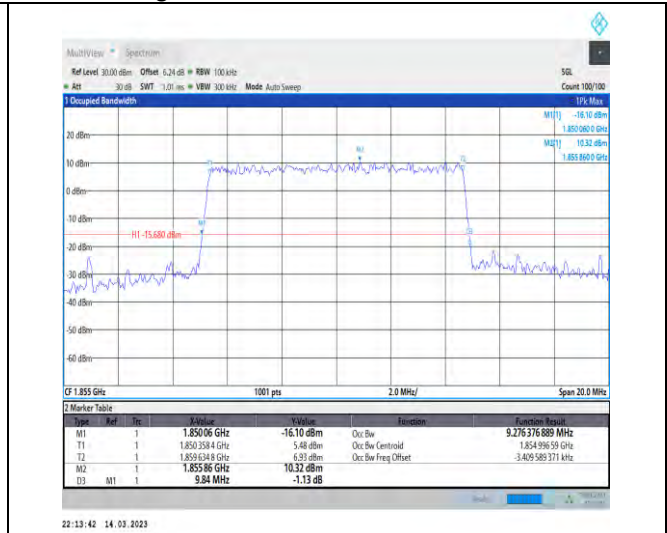


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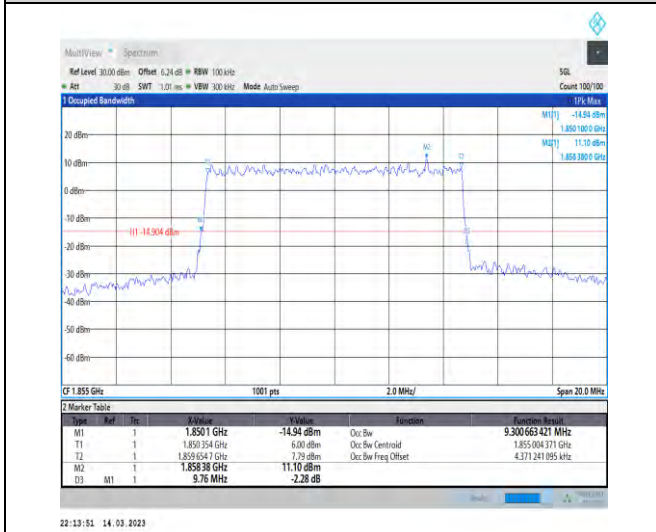
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1-N2-PC3-15-10-L-6-CP-QPSK-Outer\_Full-52@0-A  
nt1-9.278-9.760-≤10-PASS



1-N2-PC3-15-10-L-7-CP-16QAM-Outer\_Full-52@0-A  
nt1-9.276-9.840-≤10-PASS



1-N2-PC3-15-10-L-8-CP-64QAM-Outer\_Full-52@0-A  
Ant1-9.301-9.760-≤10-PASS

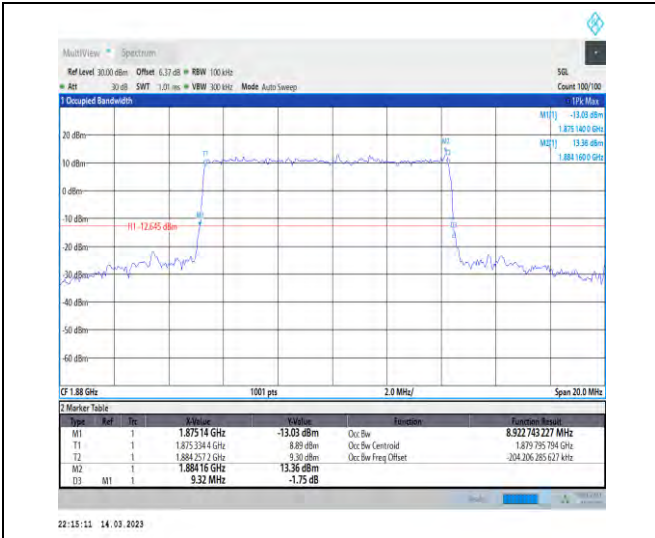


1-N2-PC3-15-10-L-9-CP-256QAM-Outer\_Full-52@0-A  
Ant1-9.284-9.760-≤10-PASS



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1-N2-PC3-15-10-M-1-DFT-QPSK-Outer\_Full-50@0-Ant1-8.923-9.320-≤10-PASS

1-N2-PC3-15-10-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.938-9.380-≤10-PASS



1-N2-PC3-15-10-M-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.923-9.380-≤10-PASS

1-N2-PC3-15-10-M-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.918-9.480-≤10-PASS

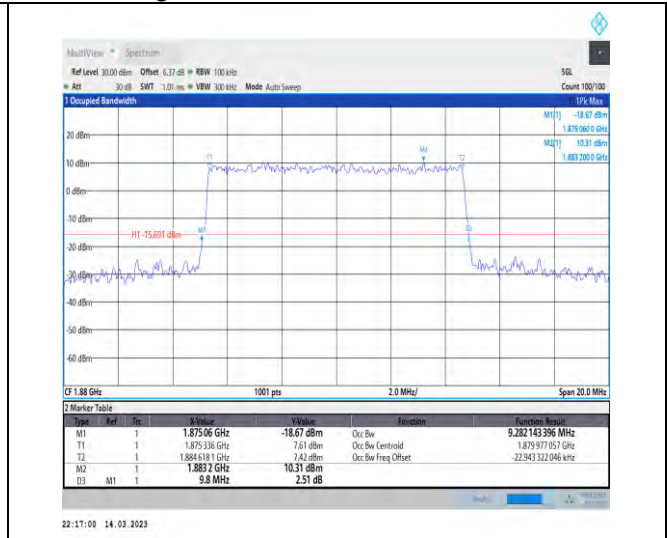


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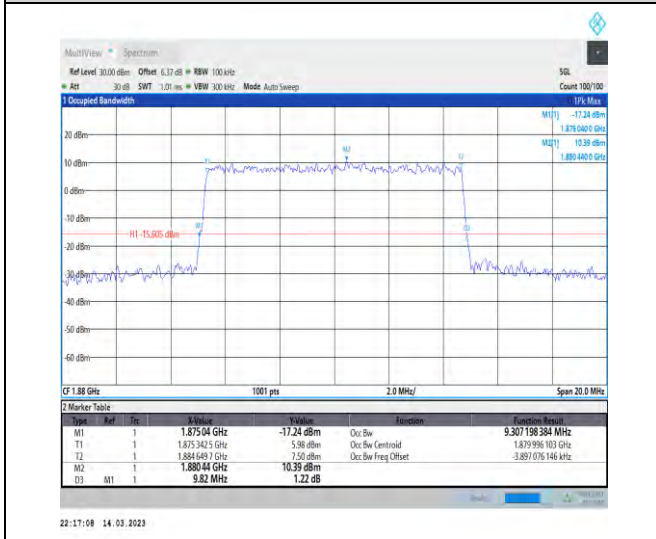
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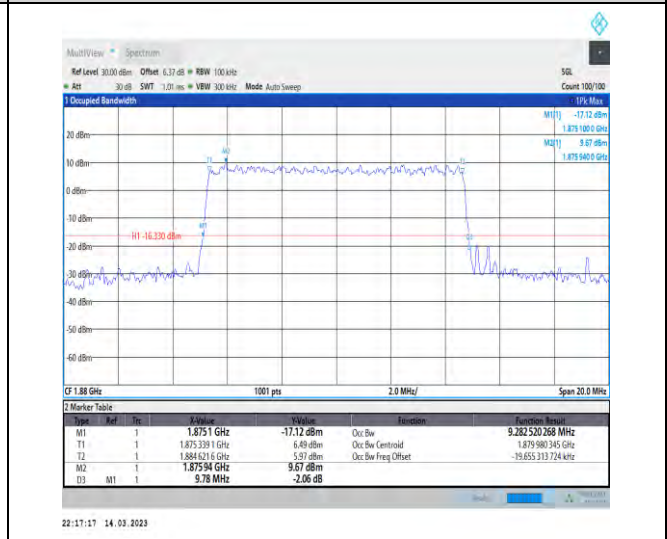
1-N2-PC3-15-10-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.958-9.460-≤10-PASS



1-N2-PC3-15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.282-9.800-≤10-PASS



1-N2-PC3-15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.307-9.820-≤10-PASS



1-N2-PC3-15-10-M-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.283-9.780-≤10-PASS



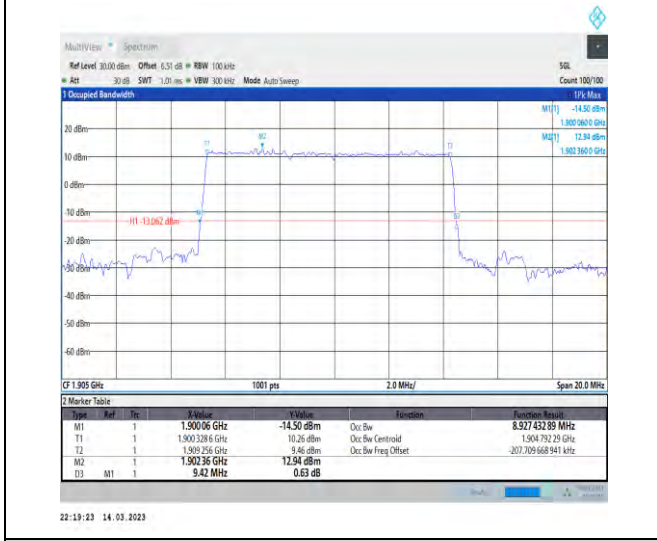
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1-N2-PC3-15-10-M-9-CP-256QAM-Outer\_Full-52@0  
 -Ant1-9.294-9.680-≤10-PASS

1-N2-PC3-15-10-H-1-DFT-QPSK-Outer\_Full-50@0-  
 Ant1-8.954-9.440-≤10-PASS



1-N2-PC3-15-10-H-2-DFT-PI2BPSK-Outer\_Full-50@0-  
 Ant1-8.927-9.420-≤10-PASS

1-N2-PC3-15-10-H-3-DFT-16QAM-Outer\_Full-50@0-  
 Ant1-8.901-9.380-≤10-PASS



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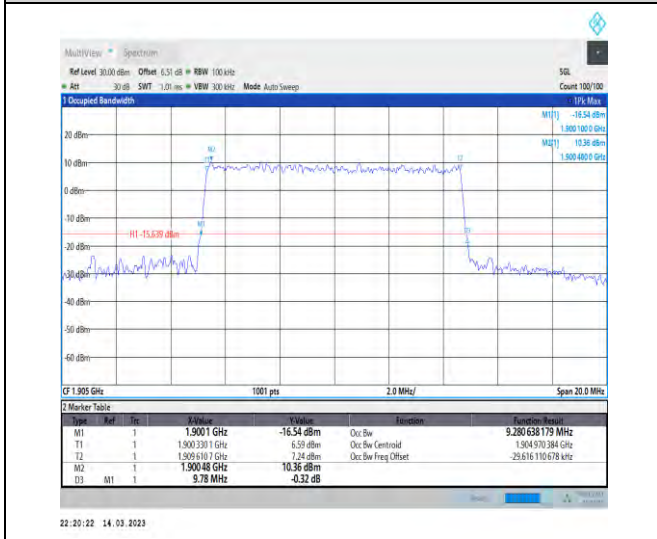
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1-N2-PC3-15-10-H-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.921-9.440-≤10-PASS



1-N2-PC3-15-10-H-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.93-9.420-≤10-PASS



1-N2-PC3-15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.281-9.780-≤10-PASS

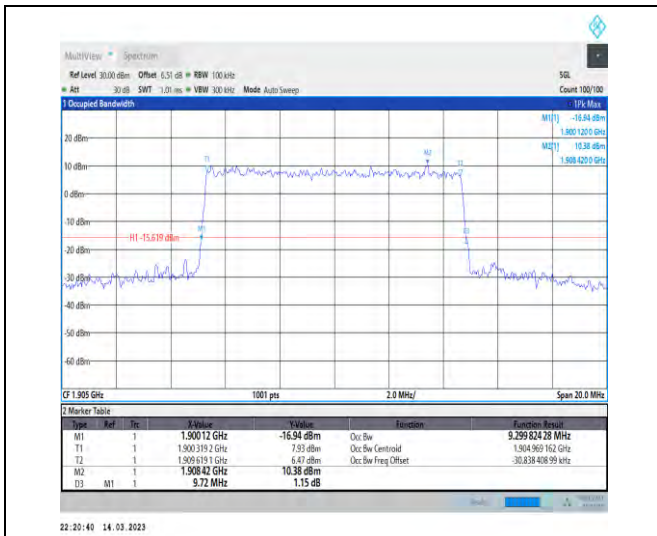


1-N2-PC3-15-10-H-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.306-9.800-≤10-PASS



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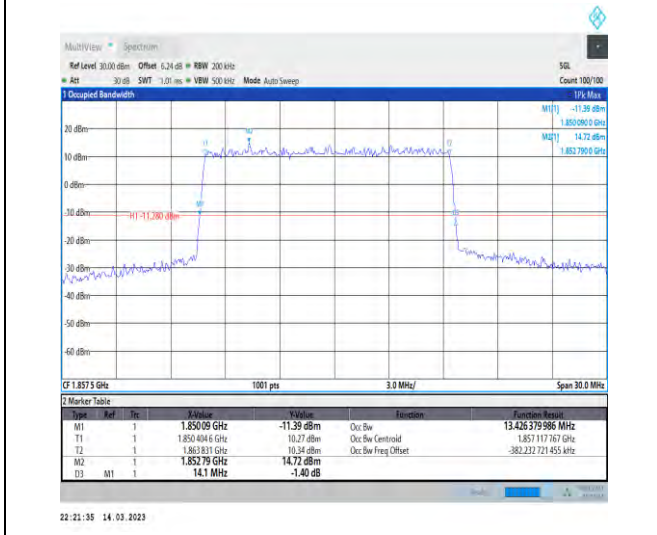
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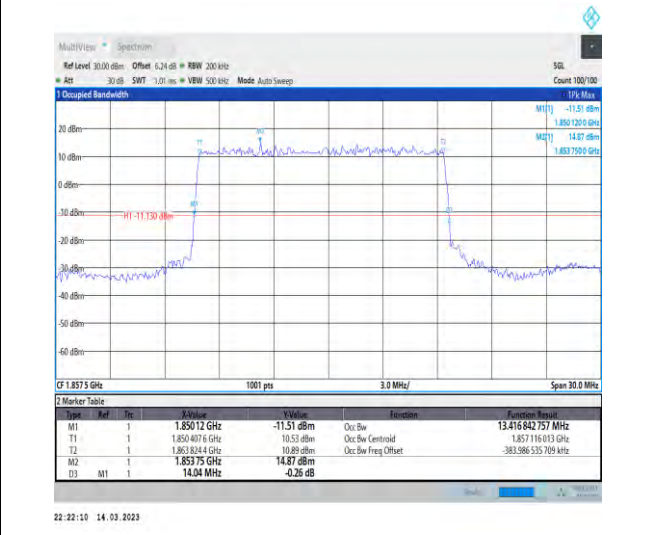
1-N2-PC3-15-10-H-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.3-9.720-≤10-PASS



1-N2-PC3-15-10-H-9-CP-256QAM-Outer\_Full-52@0-Ant1-9.309-9.760-≤10-PASS



1-N2-PC3-15-15-L-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.426-14.100-≤15-PASS



1-N2-PC3-15-15-L-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.417-14.040-≤15-PASS



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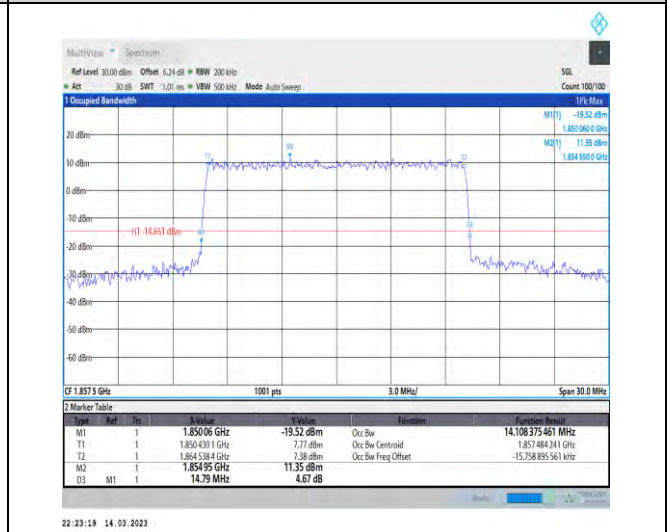
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1-N2-PC3-15-15-L-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.415-14.040-≤15-PASS



1-N2-PC3-15-15-L-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.424-14.040-≤15-PASS



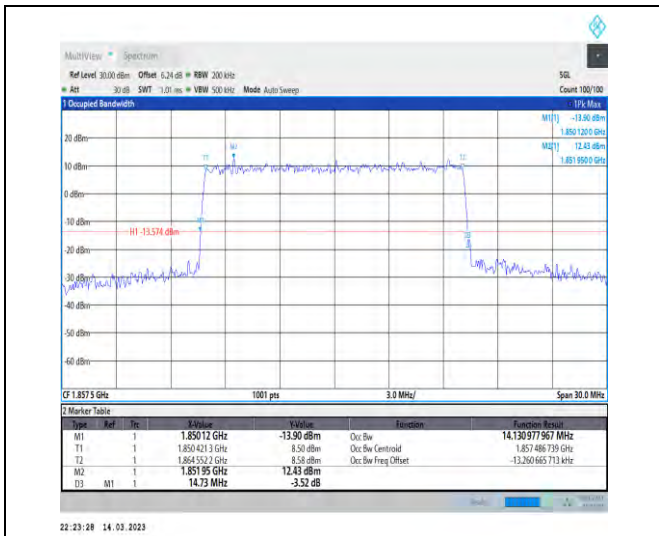
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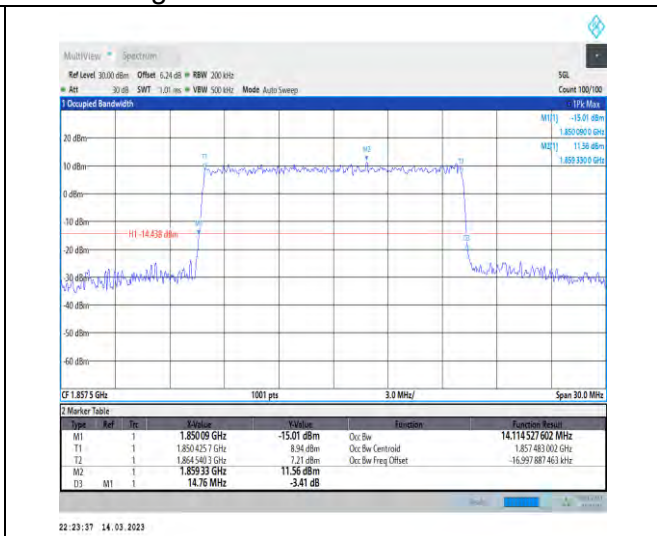
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1-N2-PC3-15-15-L-7-CP-16QAM-Outer\_Full-79@0-Ant1-14.131-14.730-≤15-PASS



1-N2-PC3-15-15-L-8-CP-64QAM-Outer\_Full-79@0-Ant1-14.115-14.760-≤15-PASS



1-N2-PC3-15-15-L-9-CP-256QAM-Outer\_Full-79@0-Ant1-14.108-14.790-≤15-PASS



1-N2-PC3-15-15-M-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.449-14.070-≤15-PASS



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1-N2-PC3-15-15-M-2-DFT-PI2BPSK-Outer\_Full-75 @0-Ant1-13.434-14.100-≤15-PASS

1-N2-PC3-15-15-M-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.424-14.130-≤15-PASS



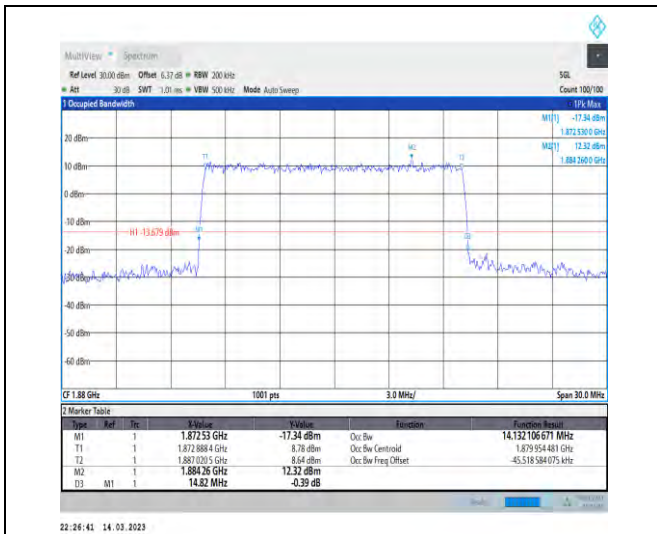
1-N2-PC3-15-15-M-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.425-14.100-≤15-PASS

1-N2-PC3-15-15-M-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.421-14.040-≤15-PASS

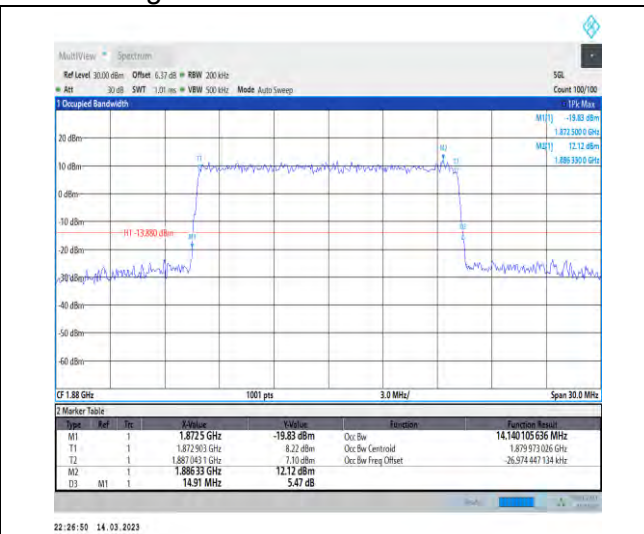


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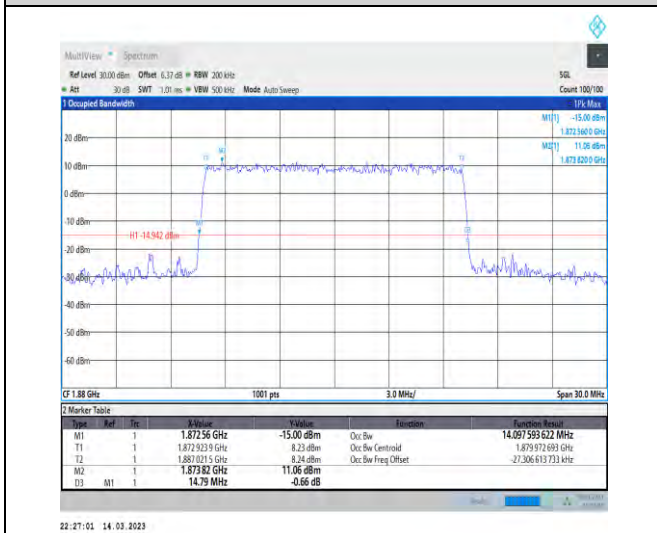
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1-N2-PC3-15-15-M-6-CP-QPSK-Outer\_Full-79@0-A  
 Ant1-14.132-14.820-≤15-PASS



1-N2-PC3-15-15-M-7-CP-16QAM-Outer\_Full-79@0-  
 Ant1-14.14-14.910-≤15-PASS



1-N2-PC3-15-15-M-8-CP-64QAM-Outer\_Full-79@0-  
 Ant1-14.098-14.790-≤15-PASS



1-N2-PC3-15-15-M-9-CP-256QAM-Outer\_Full-79@0-  
 -Ant1-14.107-14.760-≤15-PASS



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1-N2-PC3-15-15-H-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.45-14.160-≤15-PASS

1-N2-PC3-15-15-H-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.406-14.040-≤15-PASS



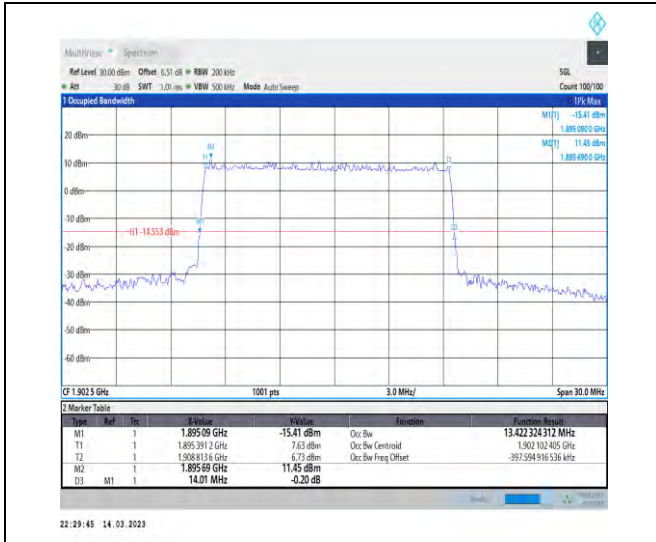
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1-N2-PC3-15-15-H-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.417-14.130-≤15-PASS



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1-N2-PC3-15-15-H-5-DFT-256QAM-Outer\_Full-75@  
0-Ant1-13.422-14.010-≤15-PASS



1-N2-PC3-15-15-H-6-CP-QPSK-Outer\_Full-79@0-A  
nt1-14.137-14.790-≤15-PASS



1-N2-PC3-15-15-H-7-CP-16QAM-Outer\_Full-79@0-  
Ant1-14.152-14.790-≤15-PASS



1-N2-PC3-15-15-H-8-CP-64QAM-Outer\_Full-79@0-  
Ant1-14.125-14.760-≤15-PASS



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1-N2-PC3-15-15-H-9-CP-256QAM-Outer\_Full-79@0  
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1-N2-PC3-15-20-L-1-DFT-QPSK-Outer\_Full-100@0  
 -Ant1-17.889-18.640-≤20-PASS



1-N2-PC3-15-20-L-2-DFT-PI2BPSK-Outer\_Full-100  
 @0-Ant1-17.864-18.720-≤20-PASS



1-N2-PC3-15-20-L-3-DFT-16QAM-Outer\_Full-100@  
 0-Ant1-17.87-18.600-≤20-PASS



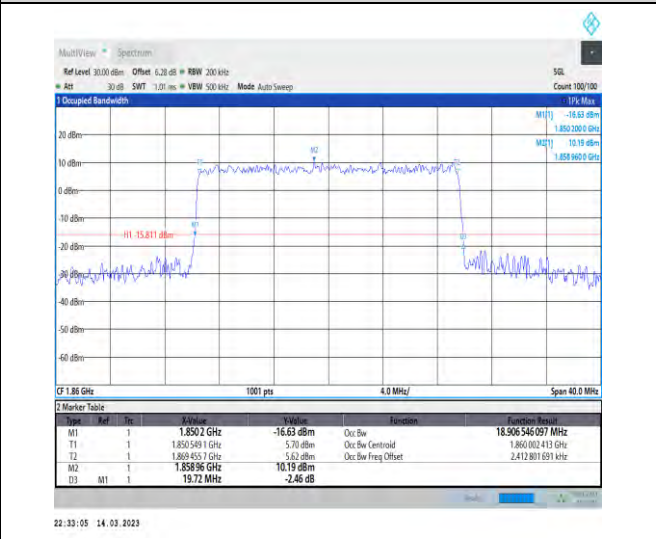
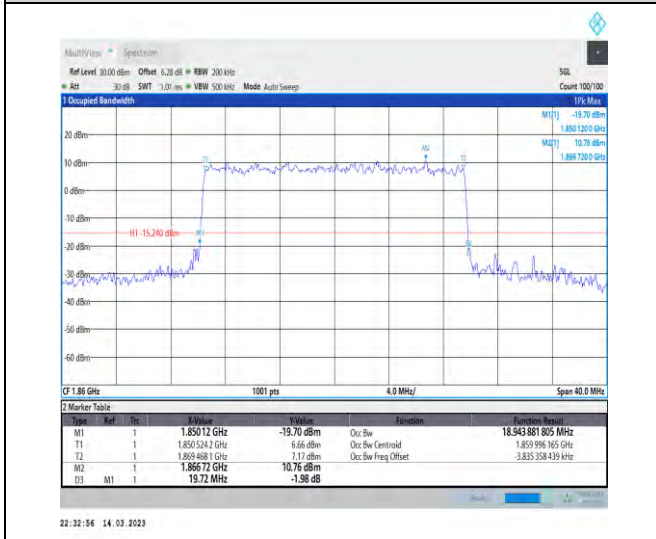
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1-N2-PC3-15-20-L-5-DFT-256QAM-Outer\_Full-100@0-Ant1-17.89-18.640-≤20-PASS



1-N2-PC3-15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-18.944-19.720-≤20-PASS

1-N2-PC3-15-20-L-7-CP-16QAM-Outer\_Full-106@0-Ant1-18.907-19.720-≤20-PASS



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1-N2-PC3-15-20-L-9-CP-256QAM-Outer\_Full-106@0-Ant1-18.88-19.600-≤20-PASS



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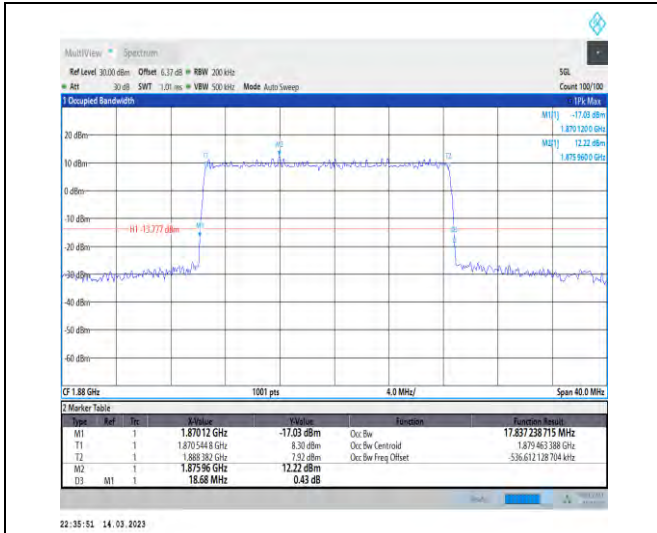
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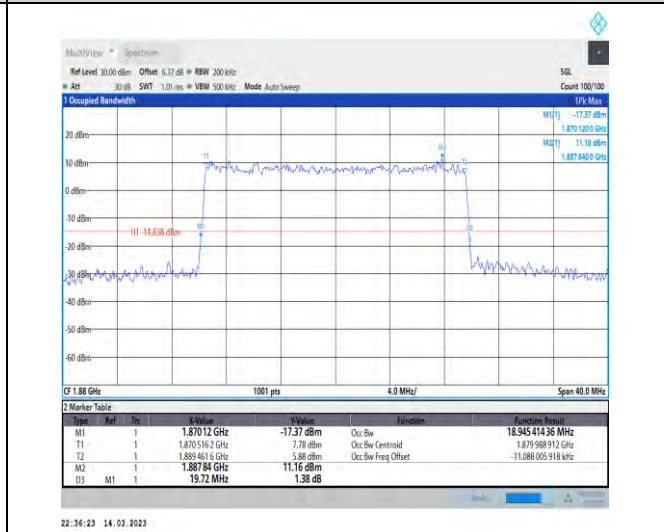
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1-N2-PC3-15-20-M-4-DFT-64QAM-Outer\_Full-100@0-Ant1-17.886-18.680-≤20-PASS



1-N2-PC3-15-20-M-5-DFT-256QAM-Outer\_Full-100@0-Ant1-17.857-18.680-≤20-PASS

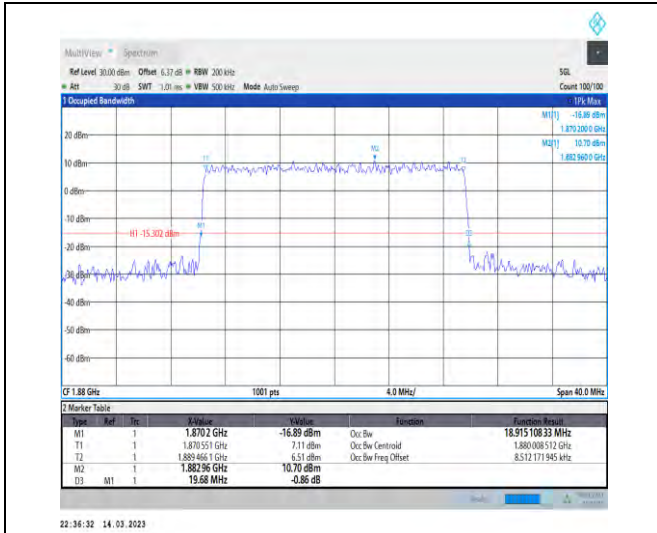


1-N2-PC3-15-20-M-6-CP-QPSK-Outer\_Full-106@0-Ant1-18.945-19.720-≤20-PASS

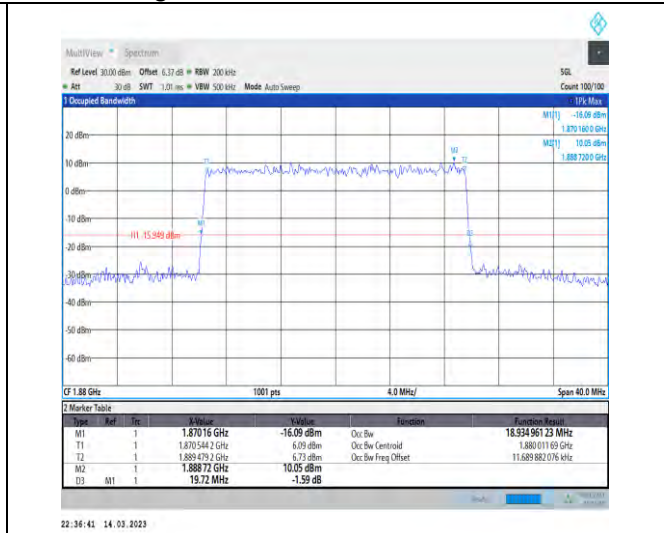


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1-N2-PC3-15-20-M-7-CP-16QAM-Outer\_Full-106@0  
-Ant1-18.915-19.680-≤20-PASS



1-N2-PC3-15-20-M-8-CP-64QAM-Outer\_Full-106@0  
-Ant1-18.935-19.720-≤20-PASS



1-N2-PC3-15-20-M-9-CP-256QAM-Outer\_Full-106@0  
-Ant1-18.906-19.680-≤20-PASS



1-N2-PC3-15-20-H-1-DFT-QPSK-Outer\_Full-100@0  
-Ant1-17.905-18.600-≤20-PASS



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1-N2-PC3-15-20-H-2-DFT-PI2BPSK-Outer\_Full-100 @0-Ant1-17.885-18.640-≤20-PASS

1-N2-PC3-15-20-H-3-DFT-16QAM-Outer\_Full-100 @0-Ant1-17.83-18.520-≤20-PASS



1-N2-PC3-15-20-H-4-DFT-64QAM-Outer\_Full-100 @0-Ant1-17.88-18.560-≤20-PASS

1-N2-PC3-15-20-H-5-DFT-256QAM-Outer\_Full-100 @0-Ant1-17.903-18.680-≤20-PASS



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1-N2-PC3-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-18.897-19.760-≤20-PASS

1-N2-PC3-15-20-H-7-CP-16QAM-Outer\_Full-106@0-Ant1-18.924-19.680-≤20-PASS



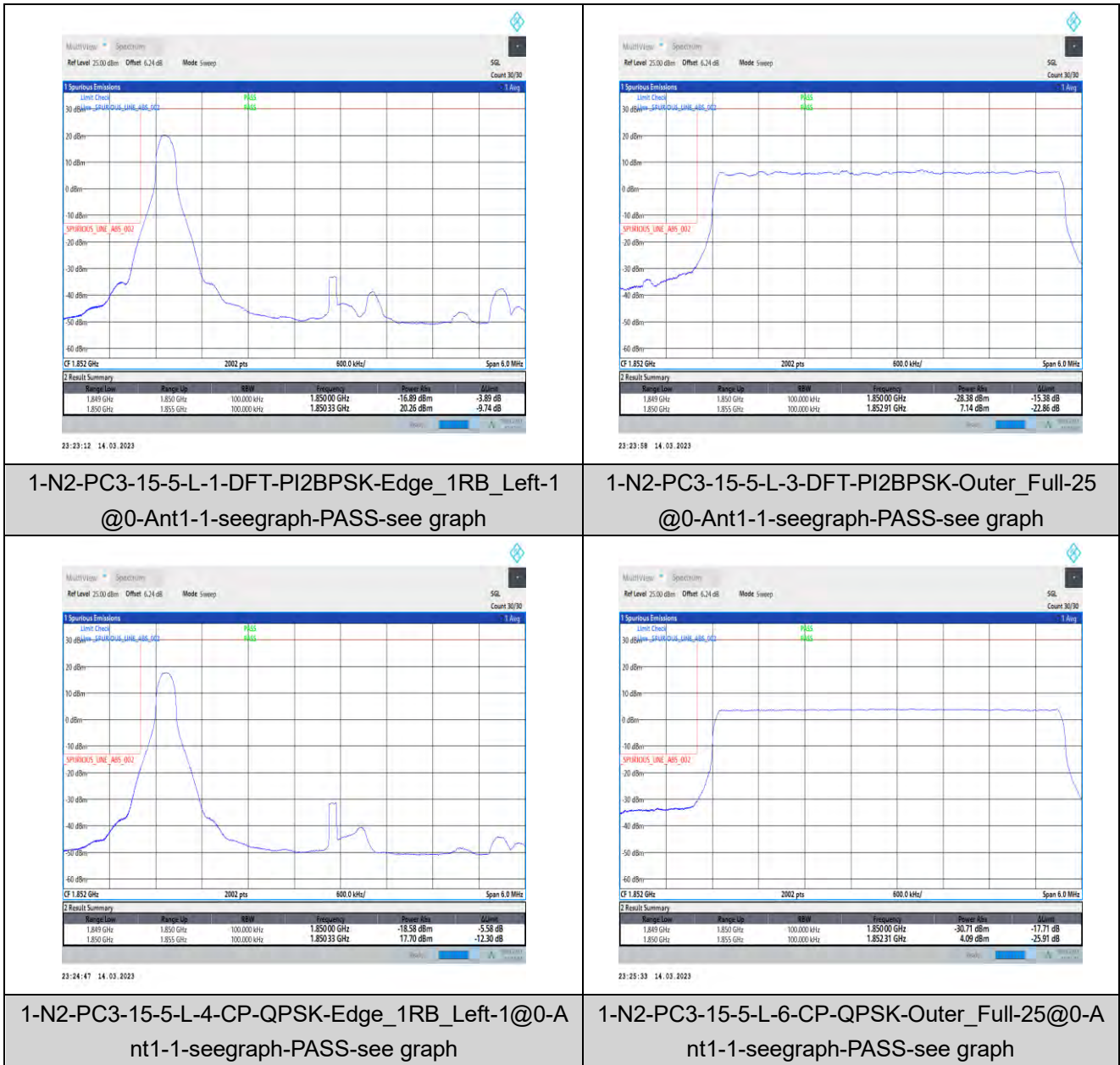
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## Band Edge for SA

### Test Graphs



1-N2-PC3-15-5-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N2-PC3-15-5-L-3-DFT-PI2BPSK-Outer\_Full-25 @0-Ant1-1-seegraph-PASS-see graph

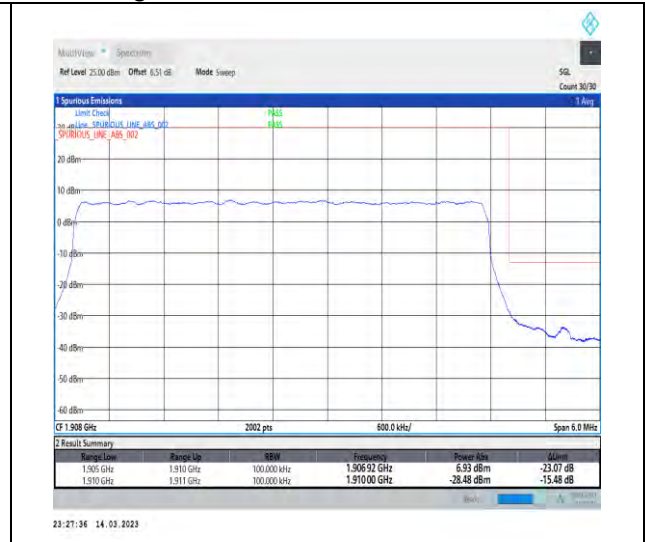
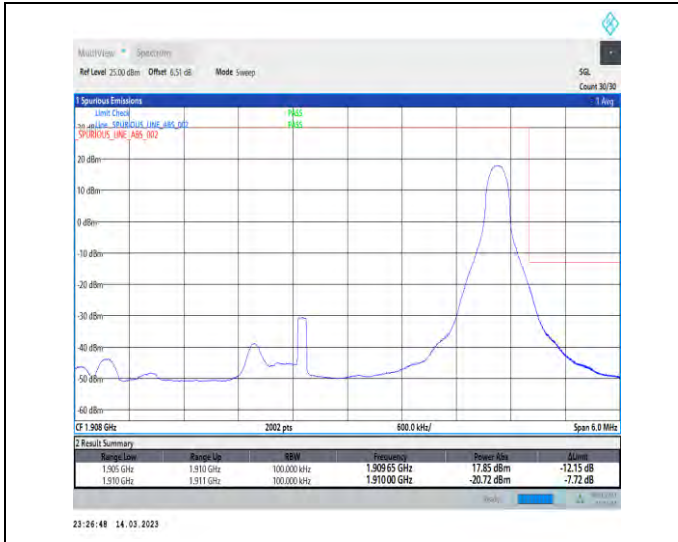
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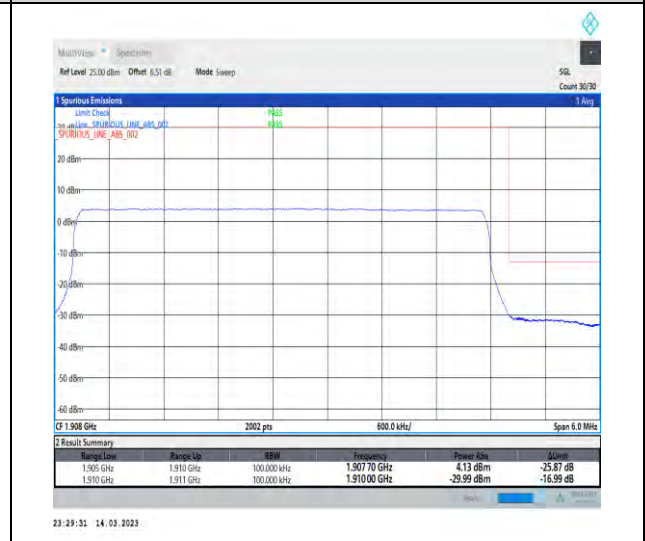
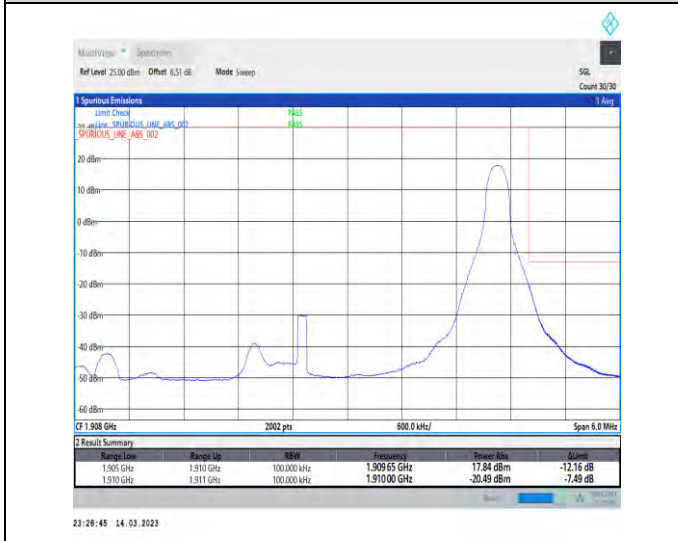
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1-N2-PC3-15-5-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1 @24-Ant1-1-seegraph-PASS-see graph

1-N2-PC3-15-5-H-3-DFT-PI2BPSK-Outer\_Full-25 @0-Ant1-1-seegraph-PASS-see graph



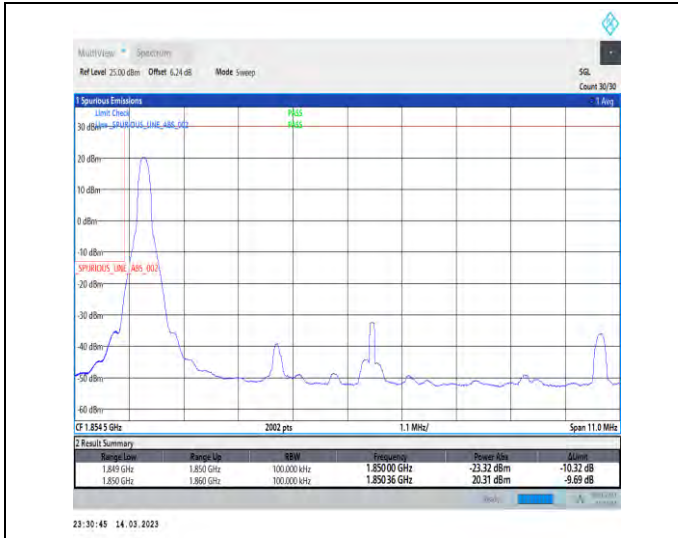
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1-N2-PC3-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-1-seegraph-PASS-see graph



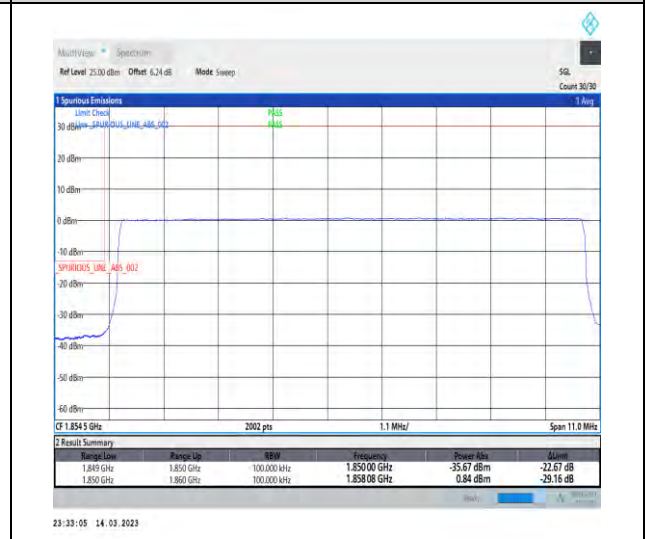
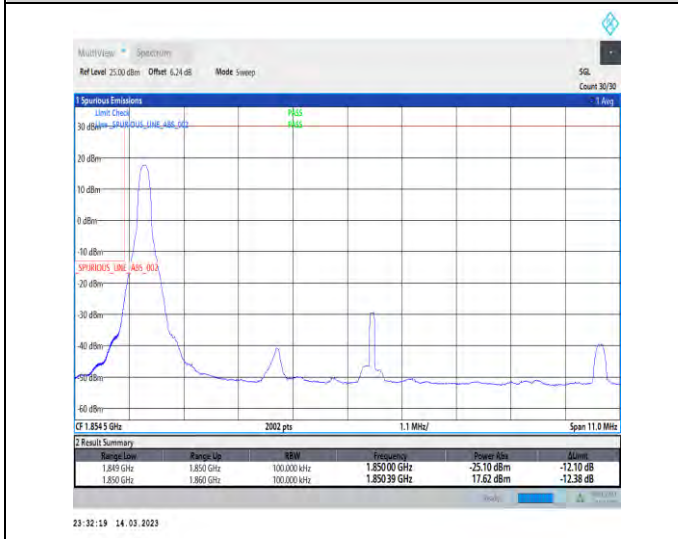
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1-N2-PC3-15-10-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N2-PC3-15-10-L-3-DFT-PI2BPSK-Outer\_Full-50 @0-Ant1-1-seegraph-PASS-see graph



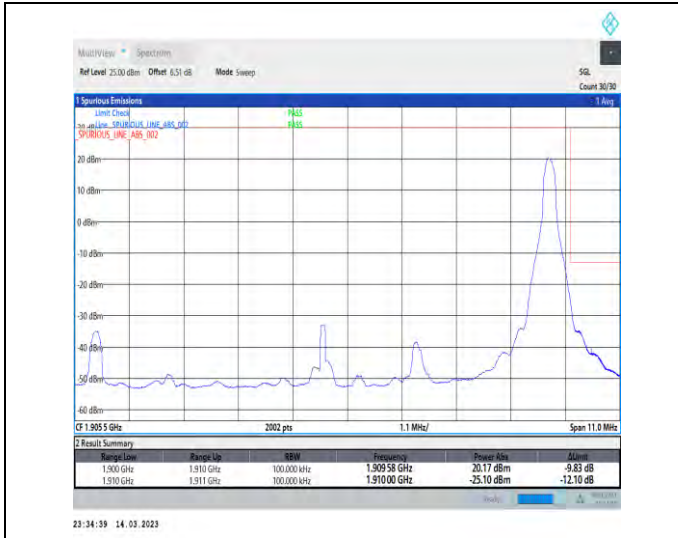
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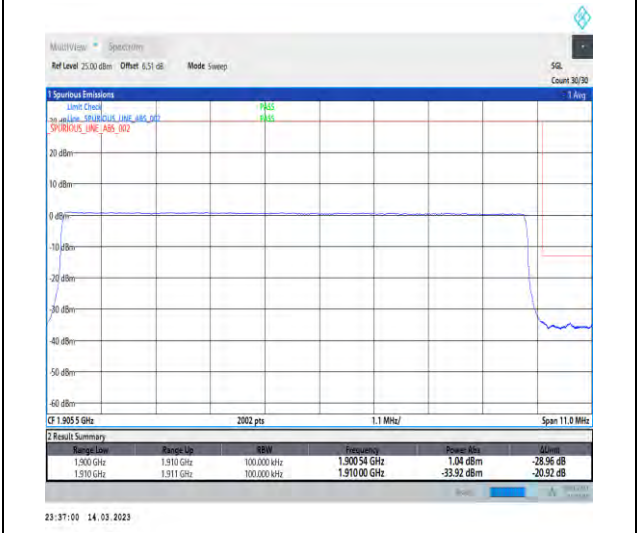
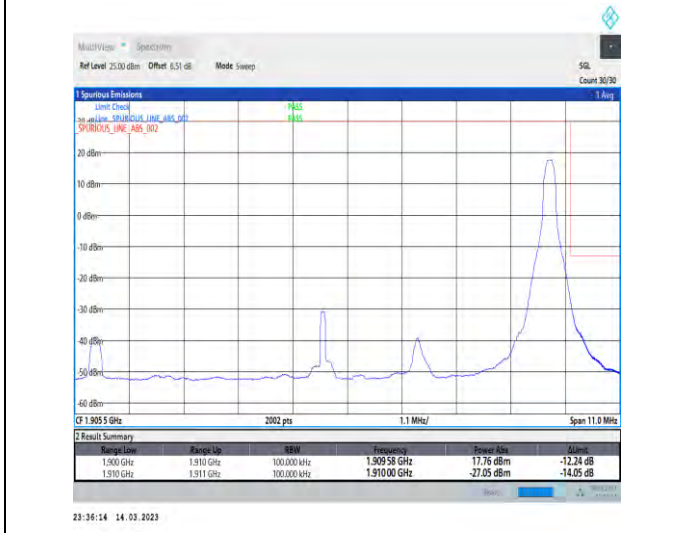
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1-N2-PC3-15-10-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-1-seegraph-PASS-see graph



1-N2-PC3-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-Ant1-1-seegraph-PASS-see graph

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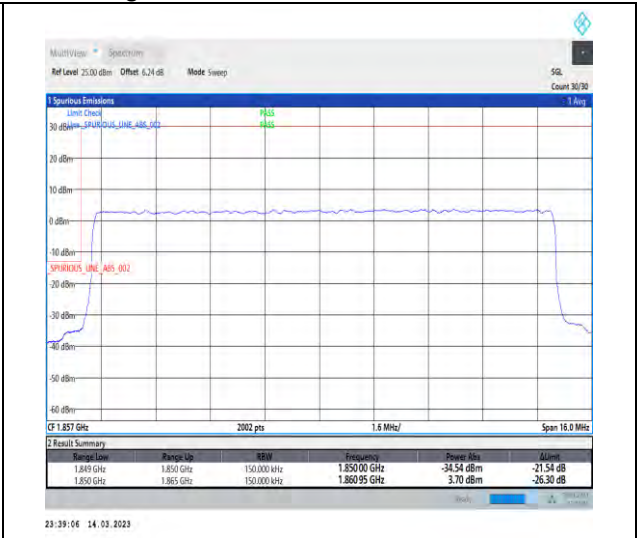
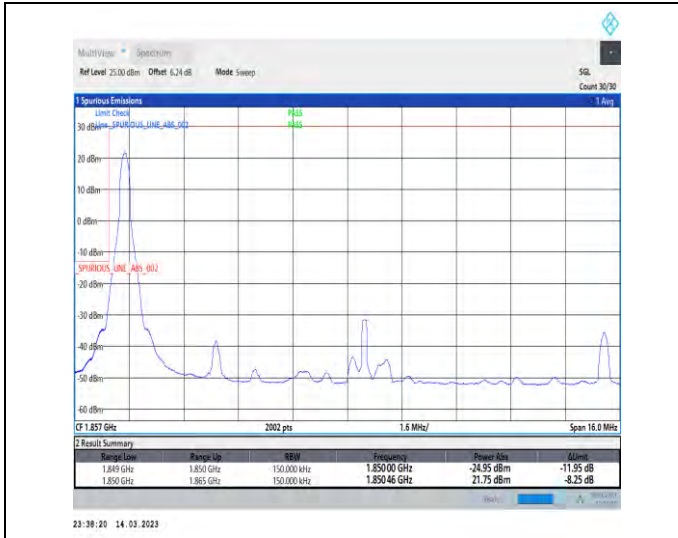


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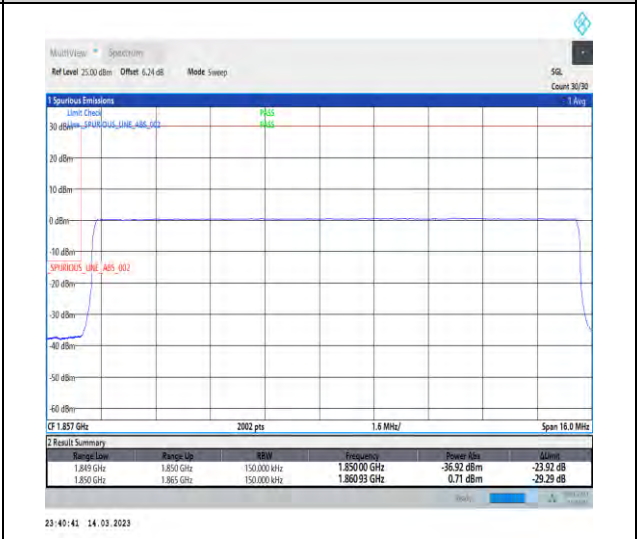
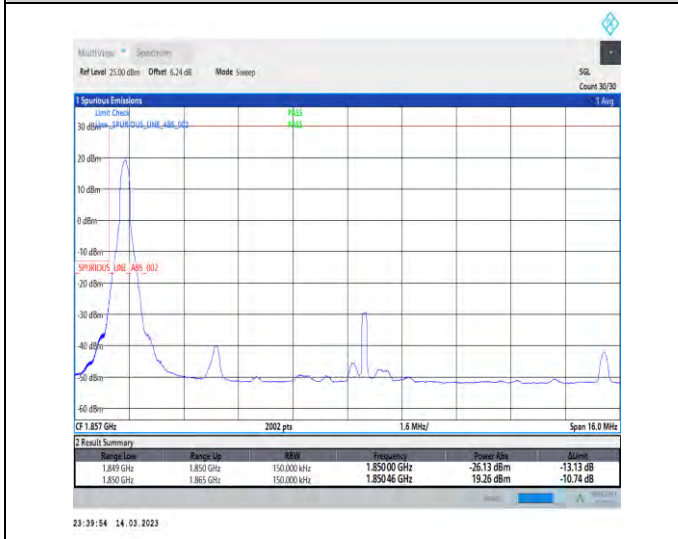
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1-N2-PC3-15-15-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N2-PC3-15-15-L-3-DFT-PI2BPSK-Outer\_Full-75 @0-Ant1-1-seegraph-PASS-see graph



1-N2-PC3-15-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N2-PC3-15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant1-1-seegraph-PASS-see graph



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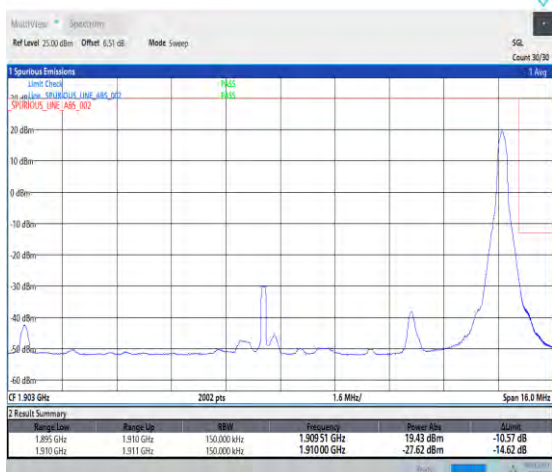
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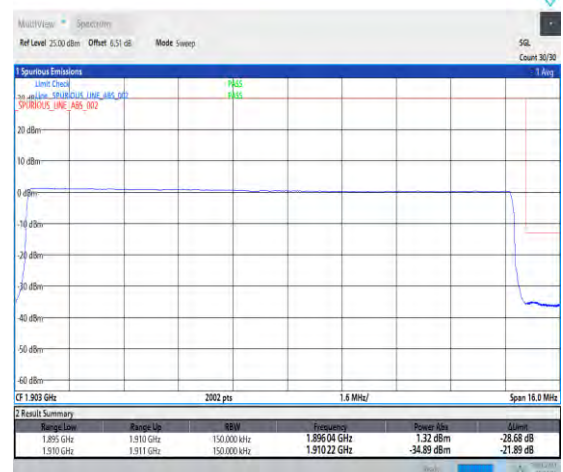
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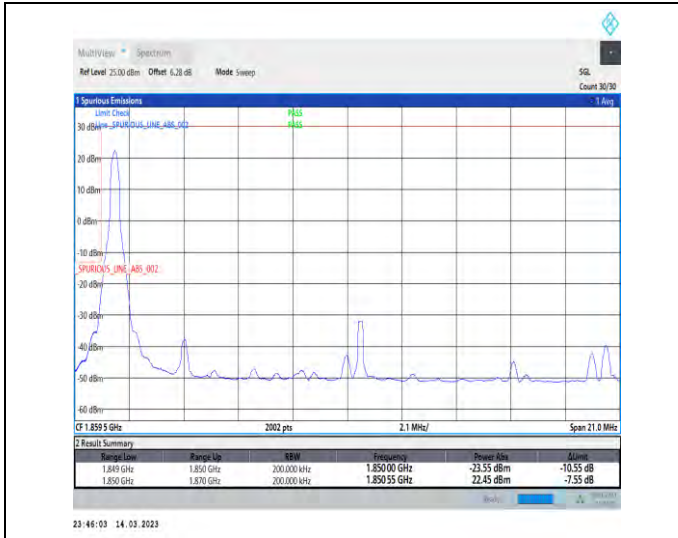
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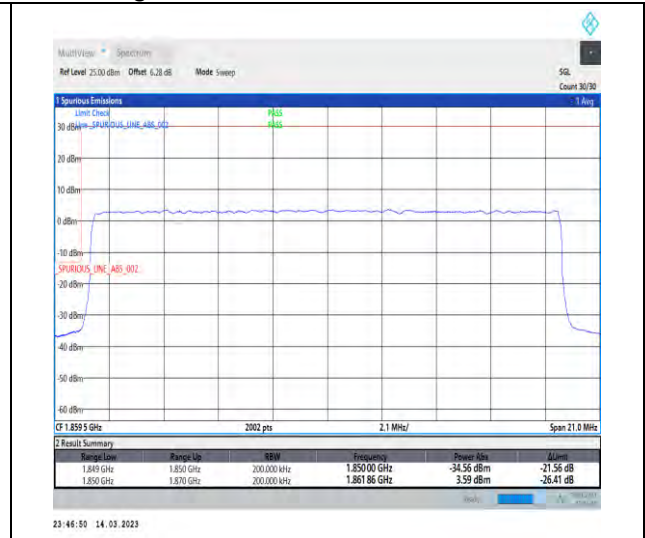


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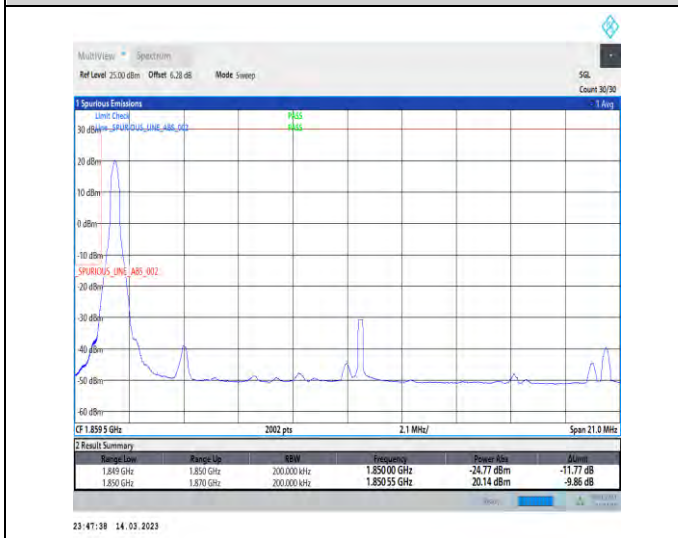
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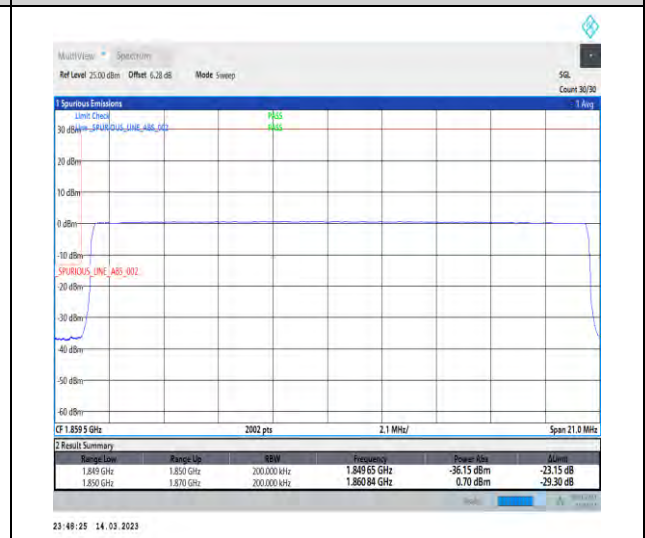
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1-N2-PC3-15-20-L-3-DFT-PI2BPSK-Outer\_Full-10 @0-Ant1-1-seegraph-PASS-see graph



1-N2-PC3-15-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1-seegraph-PASS-see graph

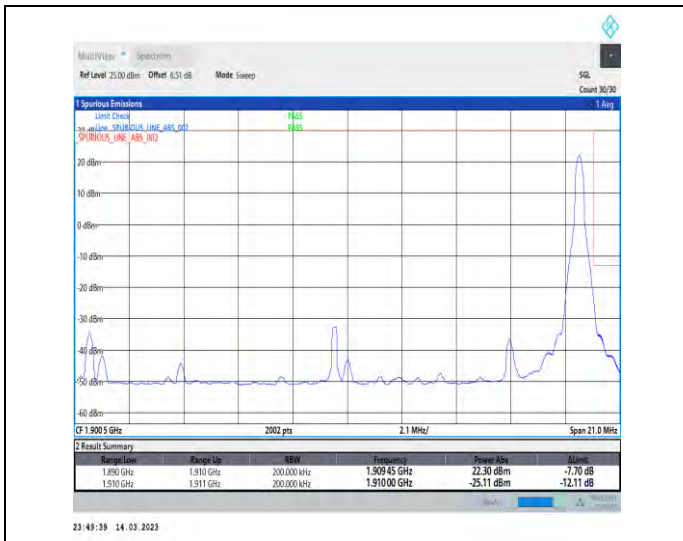


1-N2-PC3-15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-1-seegraph-PASS-see graph



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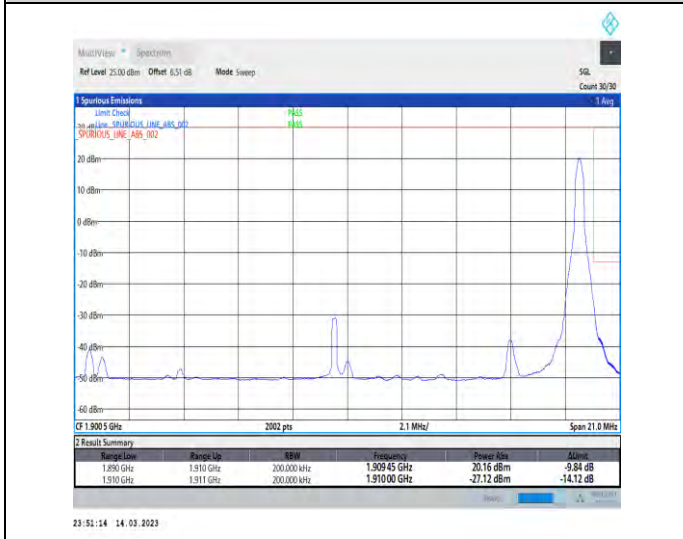
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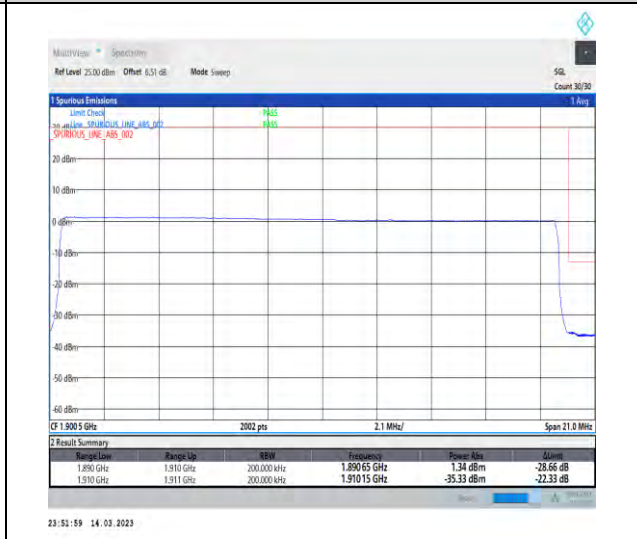
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1-N2-PC3-15-20-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1-seegraph-PASS-see graph



1-N2-PC3-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant1-1-seegraph-PASS-see graph



1-N2-PC3-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-1-seegraph-PASS-see graph

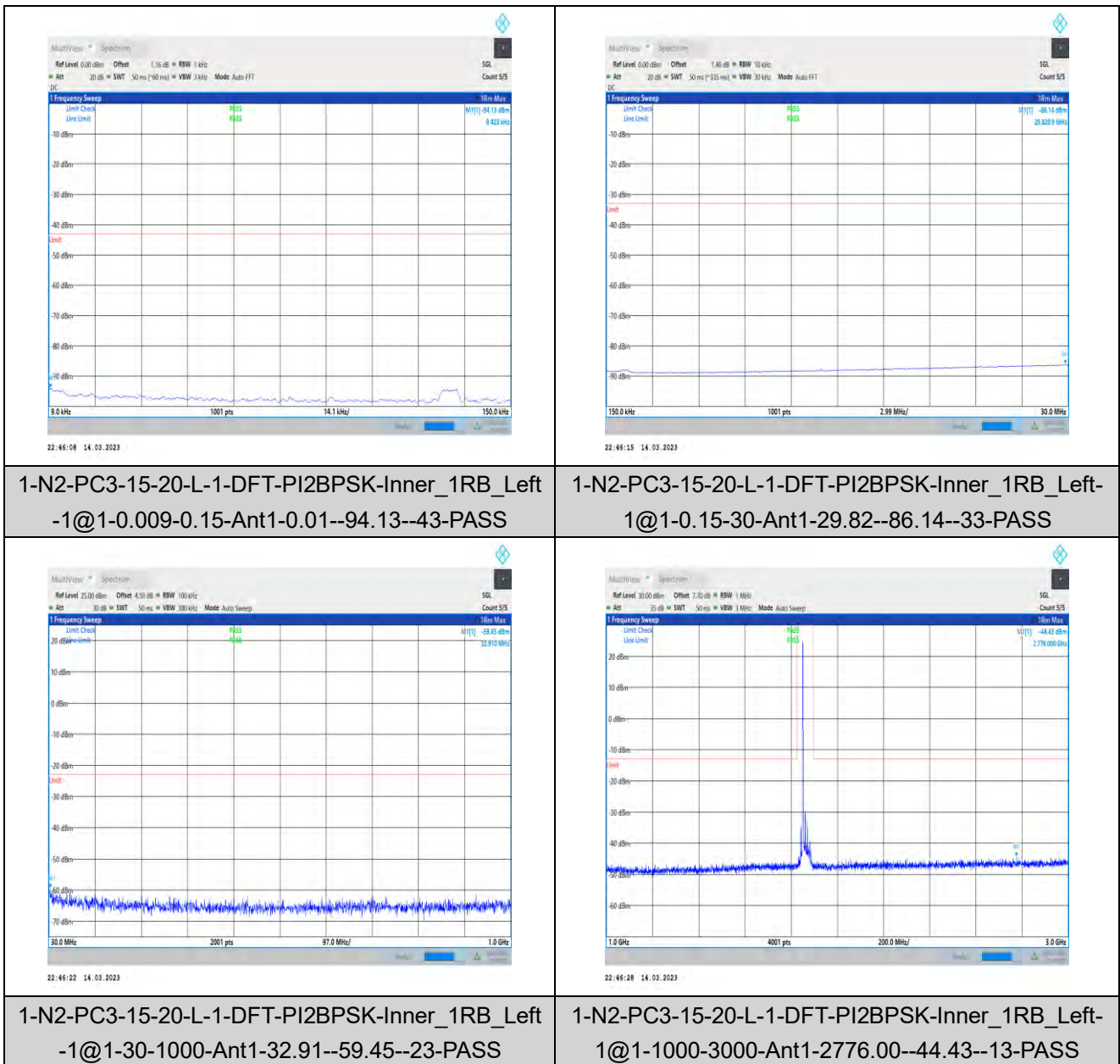


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## Conducted Spurious Emission for SA

### Test Graphs

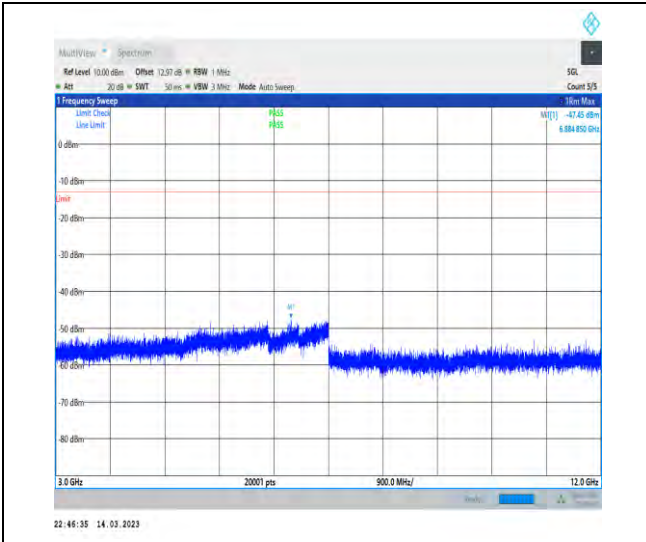


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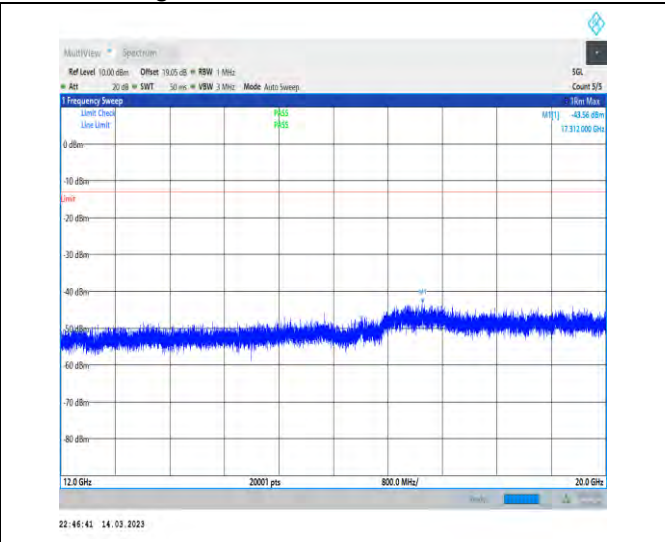
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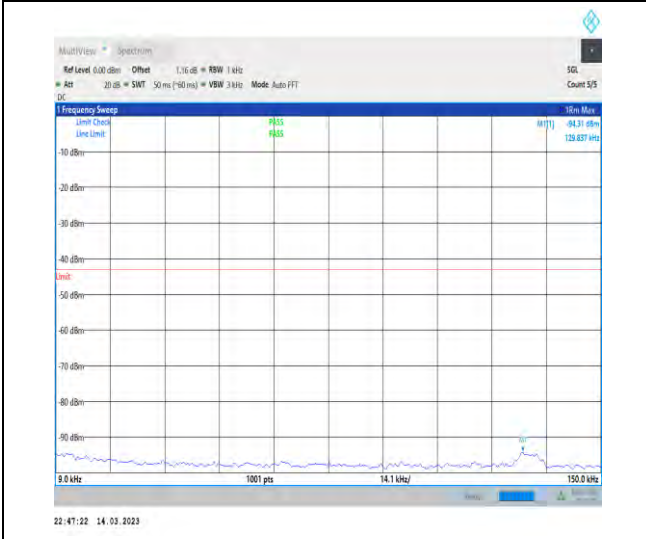
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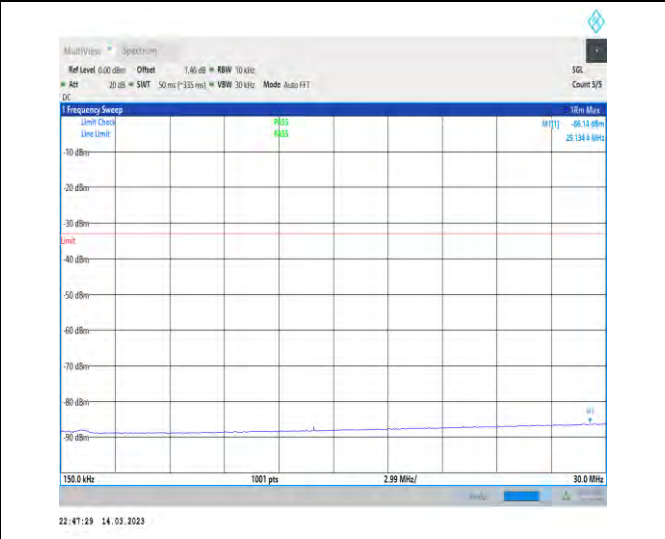
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1-N2-PC3-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant1-17312.00--43.56--13-PASS



1-N2-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Lef-t-1@1-0.009-0.15-Ant1-0.13--94.31--43-PASS

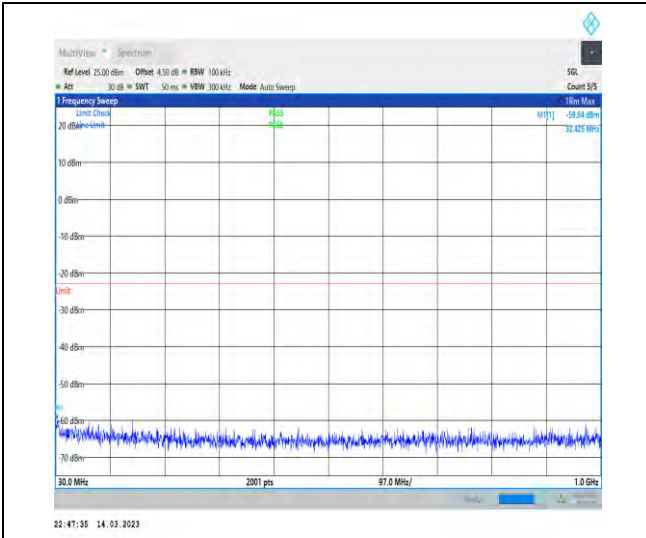


1-N2-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant1-29.13--86.14--33-PASS

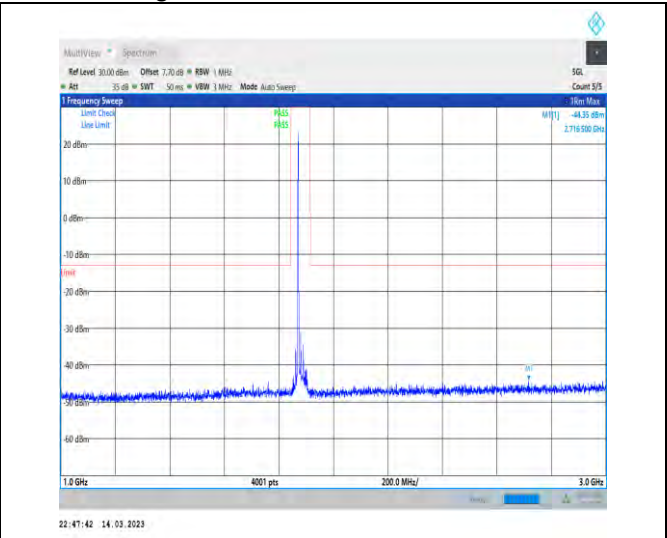


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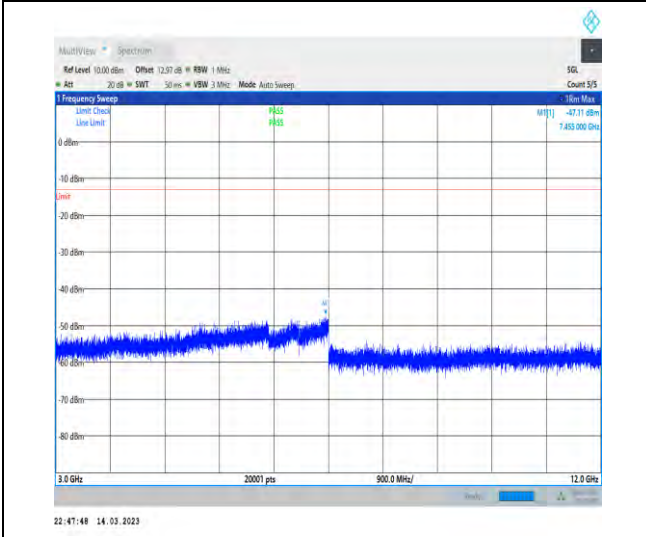
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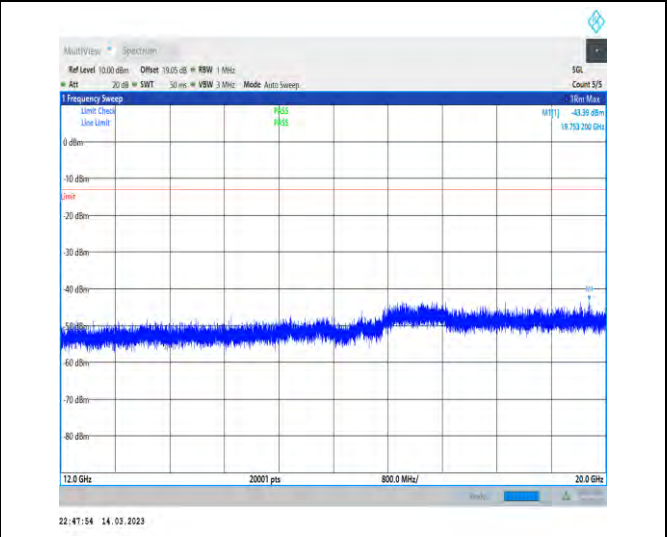
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1-N2-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-Ant1-2716.50--44.35--13-PASS



1-N2-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Lef t-1@1-3000-12000-Ant1-7455.00--47.11--13-PASS

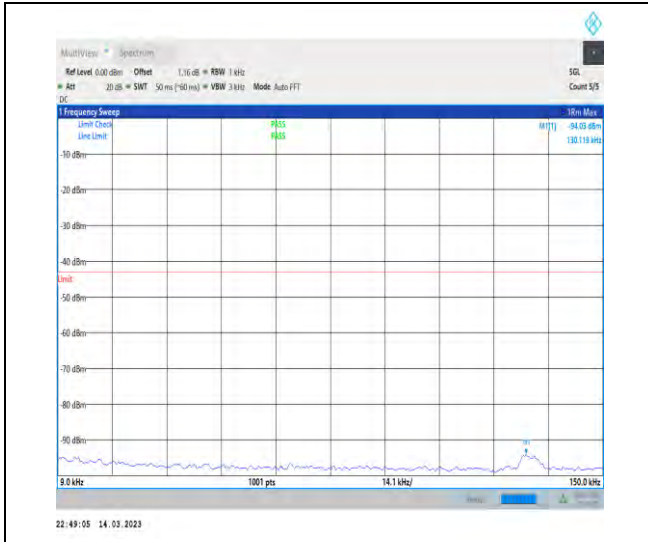


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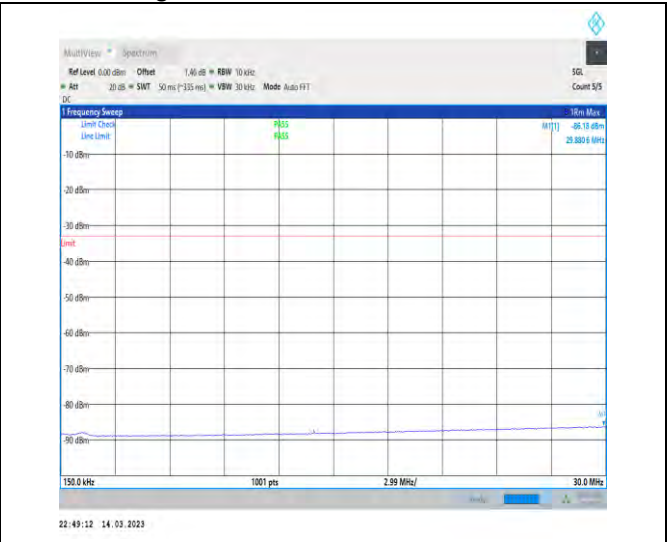


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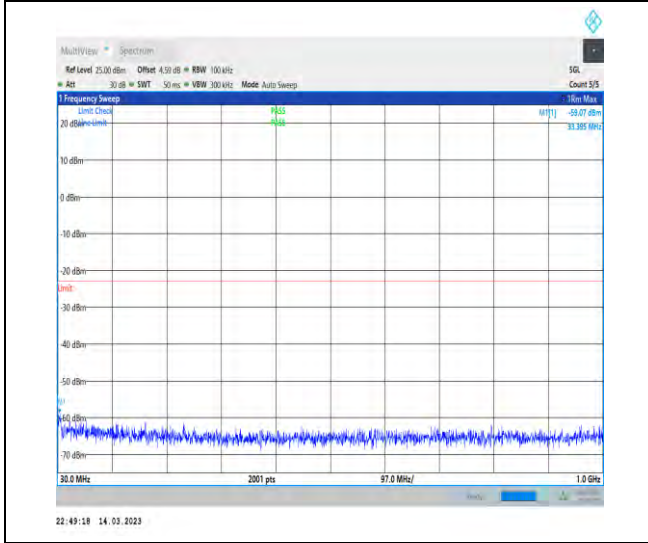
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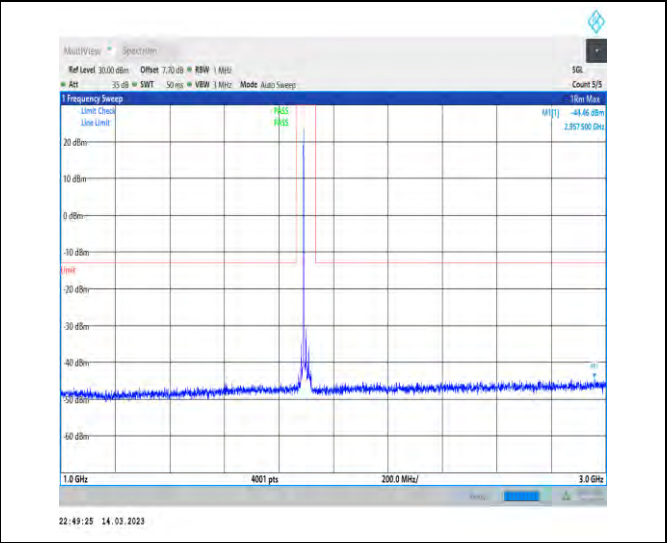
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1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-  
1@1-0.15-30-Ant1-29.88--86.18--33-PASS



1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Lef  
t-1@1-30-1000-Ant1-33.40--59.07--23-PASS



1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-  
1@1-1000-3000-Ant1-2957.50--44.46--13-PASS



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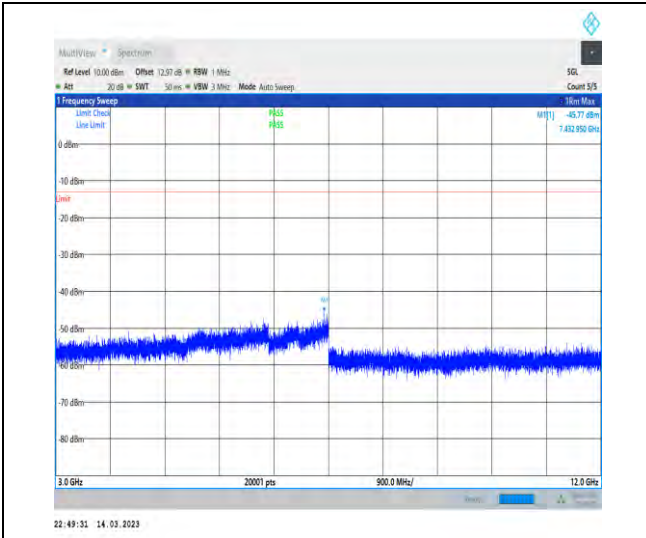
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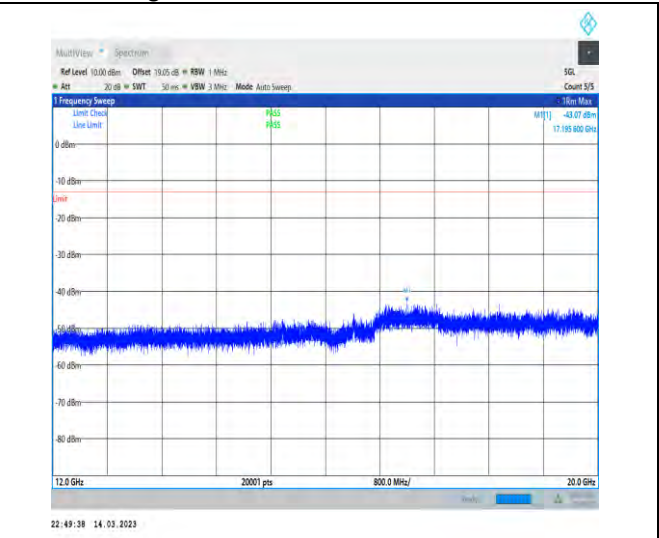
Report No.: SEWA2303000029RG02

Rev.: 01

Page: 57 of 73



1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Lef-t-1@1-3000-12000-Ant1-7432.95--45.77--13-PASS



1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant1-17195.60--43.07--13-PASS



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## Field Strength of Spurious Radiation

Test Band = SA Band2\_20MHz\_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3701.25	47.90	-45.51	29.97	-62.89	-13.00	49.89	215	59	Horizontal
2	5551.5	50.22	-45.15	32.97	-57.23	-13.00	44.23	148	43	Horizontal
3	7404.3600	39.48	-43.40	36.49	-62.69	-13.00	49.69	136	165	Horizontal
4	9255.4500	36.62	-40.23	38.38	-60.49	-13.00	47.49	256	135	Horizontal
5	11106.5400	32.46	-37.93	39.09	-61.64	-13.00	48.64	291	346	Horizontal
6	12957.6300	31.86	-37.24	39.79	-60.85	-13.00	47.85	188	59	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	40.54	-45.51	29.98	-70.25	-13.00	57.25	245	0	Vertical
2	5553.2700	41.02	-45.15	32.97	-66.42	-13.00	53.42	174	240	Vertical
3	7404.3600	40.61	-43.40	36.49	-61.56	-13.00	48.56	136	330	Vertical
4	9255.4500	35.83	-40.23	38.38	-61.28	-13.00	48.28	259	118	Vertical
5	11106.5400	32.68	-37.93	39.09	-61.42	-13.00	48.42	191	135	Vertical
6	12957.6300	31.69	-37.24	39.79	-61.02	-13.00	48.02	182	7	Vertical



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Report No.: SEWA2303000029RG02

Rev.: 01

Page: 59 of 73

Test Band = SA Band2\_20MHz \_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	46.33	-45.67	30.12	-64.48	-13.00	51.48	255	59	Horizontal
2	5611.5	48.01	-45.04	33.06	-59.23	-13.00	46.23	148	42	Horizontal
3	7484.3600	39.07	-43.18	36.45	-62.92	-13.00	49.92	175	59	Horizontal
4	9355.4500	34.92	-40.00	38.46	-61.89	-13.00	48.89	146	270	Horizontal
5	11226.5400	33.19	-37.40	39.11	-60.36	-13.00	47.36	135	88	Horizontal
6	13097.6300	30.27	-37.01	39.87	-62.12	-13.00	49.12	259	209	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	51.14	-45.67	30.12	-59.67	-13.00	46.67	218	332	Vertical
2	5611.5	52.84	-45.04	33.06	-54.40	-13.00	41.40	147	31	Vertical
3	7484.3600	38.19	-43.18	36.45	-63.80	-13.00	50.80	186	332	Vertical
4	9355.4500	35.75	-40.00	38.46	-61.06	-13.00	48.06	142	136	Vertical
5	11226.5400	33.95	-37.40	39.11	-59.60	-13.00	46.60	136	18	Vertical
6	13097.6300	30.84	-37.01	39.87	-61.55	-13.00	48.55	211	93	Vertical



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Test Band = SA Band2\_20MHz \_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	41.61	-45.85	30.27	-69.23	-13.00	56.23	146	16	Horizontal
2	5673.2700	40.08	-44.91	33.29	-66.80	-13.00	53.80	175	16	Horizontal
3	7564.3600	38.65	-43.00	36.41	-63.21	-13.00	50.21	149	268	Horizontal
4	9455.4500	34.42	-40.05	38.48	-62.42	-13.00	49.42	226	44	Horizontal
5	11346.5400	32.23	-37.40	39.11	-61.32	-13.00	48.32	258	356	Horizontal
6	13237.6300	30.34	-37.08	39.96	-62.03	-13.00	49.03	170	225	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3780.75	51.18	-45.84	30.26	-59.66	-13.00	46.66	145	180	Vertical
2	5671.5	52.03	-44.91	33.28	-54.86	-13.00	41.86	215	30	Vertical
3	7564.3600	38.92	-43.00	36.41	-62.94	-13.00	49.94	265	357	Vertical
4	9455.4500	34.95	-40.05	38.48	-61.89	-13.00	48.89	234	196	Vertical
5	11346.5400	32.39	-37.40	39.11	-61.16	-13.00	48.16	188	346	Vertical
6	13237.6300	29.66	-37.08	39.96	-62.71	-13.00	49.71	192	122	Vertical



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Test Band = NSA 2A\_n2A\_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	44.15	-45.67	30.12	-66.66	-13.00	53.66	246	108	Horizontal
2	4843.5	42.84	-45.54	32.44	-65.51	-13.00	52.51	189	0	Horizontal
3	5611.5	42.07	-45.04	33.06	-65.17	-13.00	52.17	216	93	Horizontal
4	8409.75	34.33	-41.47	37.35	-65.05	-13.00	52.05	277	20	Horizontal
5	11213.25	24.18	-37.39	39.11	-69.36	-13.00	56.36	134	0	Horizontal
6	13839.75	23.09	-36.02	40.00	-68.20	-13.00	55.20	151	212	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	50.55	-45.67	30.12	-60.26	-13.00	47.26	216	64	Vertical
2	4843.5	44.85	-45.54	32.44	-63.50	-13.00	50.50	294	49	Vertical
3	5611.5	48.24	-45.04	33.06	-59.00	-13.00	46.00	148	95	Vertical
4	8403	34.51	-41.46	37.34	-64.87	-13.00	51.87	215	244	Vertical
5	10098	26.75	-39.12	38.65	-68.99	-13.00	55.99	205	123	Vertical
6	13847.25	23.03	-35.95	40.00	-68.18	-13.00	55.18	163	35	Vertical



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Test Band = NSA 2A\_n2A\_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	44.58	-45.67	30.12	-66.23	-13.00	53.23	224	44	Horizontal
2	4843.5	43.06	-45.54	32.44	-65.29	-13.00	52.29	177	360	Horizontal
3	5611.5	43.46	-45.04	33.06	-63.78	-13.00	50.78	185	104	Horizontal
4	6984	38.00	-43.64	36.06	-64.84	-13.00	51.84	165	60	Horizontal
5	8409	34.95	-41.47	37.35	-64.43	-13.00	51.43	258	163	Horizontal
6	9489	31.08	-40.19	38.47	-65.90	-13.00	52.90	196	30	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	51.90	-45.67	30.12	-58.91	-13.00	45.91	144	25	Vertical
2	4843.5	45.38	-45.54	32.44	-62.97	-13.00	49.97	203	162	Vertical
3	5611.5	49.05	-45.04	33.06	-58.19	-13.00	45.19	298	65	Vertical
4	7012.5	37.65	-43.63	36.11	-65.13	-13.00	52.13	274	227	Vertical
5	8428.5	34.28	-41.50	37.39	-65.09	-13.00	52.09	156	1	Vertical
6	9464.25	30.85	-40.09	38.47	-66.02	-13.00	53.02	241	274	Vertical



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Test Band = NSA 2A\_n2A\_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3124.5	47.61	-46.15	29.56	-64.24	-13.00	51.24	289	177	Horizontal
2	3741	44.54	-45.67	30.12	-66.27	-13.00	53.27	168	44	Horizontal
3	4843.5	43.02	-45.54	32.44	-65.33	-13.00	52.33	245	356	Horizontal
4	5611.5	42.84	-45.04	33.06	-64.40	-13.00	51.40	156	103	Horizontal
5	6990	38.10	-43.61	36.07	-64.70	-13.00	51.70	235	310	Horizontal
6	8407.5	34.35	-41.46	37.35	-65.03	-13.00	52.03	166	295	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	52.00	-45.67	30.12	-58.81	-13.00	45.81	168	67	Vertical
2	4843.5	46.03	-45.54	32.44	-62.32	-13.00	49.32	241	154	Vertical
3	5611.5	48.64	-45.04	33.06	-58.60	-13.00	45.60	192	96	Vertical
4	8403.75	34.40	-41.46	37.34	-64.98	-13.00	51.98	244	82	Vertical
5	9484.5	31.72	-40.17	38.47	-65.24	-13.00	52.24	153	332	Vertical
6	11311.5	24.08	-37.41	39.11	-69.48	-13.00	56.48	209	5	Vertical



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Test Band = NSA 5A\_n2A\_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	45.38	-45.67	30.12	-65.43	-13.00	52.43	204	153	Horizontal
2	5611.5	42.02	-45.04	33.06	-65.22	-13.00	52.22	185	123	Horizontal
3	8412	34.75	-41.47	37.36	-64.63	-13.00	51.63	294	227	Horizontal
4	9423	31.03	-39.92	38.48	-65.67	-13.00	52.67	231	168	Horizontal
5	11284.5	24.51	-37.42	39.11	-69.06	-13.00	56.06	175	331	Horizontal
6	15799.5	22.64	-33.02	38.20	-67.44	-13.00	54.44	213	316	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	52.51	-45.67	30.12	-58.30	-13.00	45.30	149	65	Vertical
2	5611.5	48.63	-45.04	33.06	-58.61	-13.00	45.61	238	93	Vertical
3	8403.75	34.18	-41.46	37.34	-65.20	-13.00	52.20	211	356	Vertical
4	9461.25	31.20	-40.08	38.47	-65.66	-13.00	52.66	169	0	Vertical
5	11278.5	24.43	-37.41	39.11	-69.13	-13.00	56.13	157	286	Vertical
6	14505	22.14	-34.86	40.01	-67.98	-13.00	54.98	132	108	Vertical



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Test Band = NSA 5A\_n2A\_TM1  
 Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	46.19	-45.67	30.12	-64.62	-13.00	51.62	214	44	Horizontal
2	4843.5	42.81	-45.54	32.44	-65.54	-13.00	52.54	189	282	Horizontal
3	5611.5	44.49	-45.04	33.06	-62.75	-13.00	49.75	166	104	Horizontal
4	7012.5	37.99	-43.63	36.11	-64.79	-13.00	51.79	231	4	Horizontal
5	8405.25	34.61	-41.46	37.34	-64.77	-13.00	51.77	142	359	Horizontal
6	9426	30.61	-39.93	38.48	-66.10	-13.00	53.10	284	133	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	52.92	-45.67	30.12	-57.89	-13.00	44.89	255	62	Vertical
2	4843.5	46.43	-45.54	32.44	-61.92	-13.00	48.92	141	62	Vertical
3	5611.5	47.67	-45.04	33.06	-59.57	-13.00	46.57	281	93	Vertical
4	7013.25	37.79	-43.64	36.11	-64.99	-13.00	51.99	169	48	Vertical
5	8424	34.06	-41.49	37.38	-65.31	-13.00	52.31	233	19	Vertical
6	9475.5	30.80	-40.13	38.47	-66.12	-13.00	53.12	152	346	Vertical



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Test Band = NSA 5A\_n2A\_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	45.11	-45.67	30.12	-65.70	-13.00	52.70	241	59	Horizontal
2	4843.5	43.41	-45.54	32.44	-64.94	-13.00	51.94	189	283	Horizontal
3	5611.5	42.97	-45.04	33.06	-64.27	-13.00	51.27	256	104	Horizontal
4	6996	37.73	-43.57	36.08	-65.03	-13.00	52.03	233	134	Horizontal
5	8412	34.24	-41.47	37.36	-65.14	-13.00	52.14	124	283	Horizontal
6	9436.5	30.84	-39.98	38.48	-65.92	-13.00	52.92	181	118	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	51.87	-45.67	30.12	-58.94	-13.00	45.94	157	62	Vertical
2	4843.5	45.52	-45.54	32.44	-62.83	-13.00	49.83	284	62	Vertical
3	5611.5	48.93	-45.04	33.06	-58.31	-13.00	45.31	156	48	Vertical
4	7023.75	38.28	-43.71	36.14	-64.55	-13.00	51.55	289	151	Vertical
5	8410.5	34.44	-41.47	37.35	-64.94	-13.00	51.94	124	8	Vertical
6	9477	31.44	-40.14	38.47	-65.49	-13.00	52.49	255	3	Vertical



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Test Band = NSA 7A\_n2A\_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	45.59	-45.67	30.12	-65.22	-13.00	52.22	221	108	Horizontal
2	4843.5	43.80	-45.54	32.44	-64.55	-13.00	51.55	140	93	Horizontal
3	6998.25	37.98	-43.56	36.08	-64.76	-13.00	51.76	199	152	Horizontal
4	8403	34.52	-41.46	37.34	-64.86	-13.00	51.86	153	317	Horizontal
5	11269.5	24.11	-37.41	39.11	-69.45	-13.00	56.45	280	93	Horizontal
6	13713	23.35	-36.19	40.04	-68.06	-13.00	55.06	165	123	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	52.40	-45.67	30.12	-58.41	-13.00	45.41	152	65	Vertical
2	4843.5	45.27	-45.54	32.44	-63.08	-13.00	50.08	136	152	Vertical
3	5611.5	48.03	-45.04	33.06	-59.21	-13.00	46.21	254	95	Vertical
4	8408.25	34.16	-41.46	37.35	-65.22	-13.00	52.22	185	183	Vertical
5	9476.25	30.97	-40.14	38.47	-65.95	-13.00	52.95	169	95	Vertical
6	13842.75	23.40	-35.99	40.00	-67.86	-13.00	54.86	291	330	Vertical



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Test Band = NSA 7A\_n2A\_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	44.66	-45.67	30.12	-66.15	-13.00	53.15	224	164	Horizontal
2	4843.5	44.20	-45.54	32.44	-64.15	-13.00	51.15	175	281	Horizontal
3	5611.5	41.92	-45.04	33.06	-65.32	-13.00	52.32	146	104	Horizontal
4	7019.25	38.03	-43.68	36.13	-64.78	-13.00	51.78	265	267	Horizontal
5	8409.75	34.38	-41.47	37.35	-65.00	-13.00	52.00	185	74	Horizontal
6	9478.5	31.02	-40.14	38.47	-65.91	-13.00	52.91	263	3	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	53.28	-45.67	30.12	-57.53	-13.00	44.53	145	62	Vertical
2	4843.5	44.68	-45.54	32.44	-63.67	-13.00	50.67	186	152	Vertical
3	5611.5	50.03	-45.04	33.06	-57.21	-13.00	44.21	291	48	Vertical
4	6999.75	38.05	-43.55	36.08	-64.68	-13.00	51.68	148	1	Vertical
5	8411.25	34.24	-41.47	37.35	-65.14	-13.00	52.14	122	138	Vertical
6	9494.25	31.19	-40.21	38.47	-65.81	-13.00	52.81	261	4	Vertical



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Test Band = NSA 7A\_n2A\_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	46.06	-45.67	30.12	-64.75	-13.00	51.75	142	160	Horizontal
2	4843.5	43.68	-45.54	32.44	-64.67	-13.00	51.67	158	280	Horizontal
3	5611.5	42.26	-45.04	33.06	-64.98	-13.00	51.98	174	103	Horizontal
4	6989.25	38.22	-43.61	36.07	-64.58	-13.00	51.58	126	117	Horizontal
5	8410.5	34.43	-41.47	37.35	-64.95	-13.00	51.95	263	360	Horizontal
6	9417.75	31.31	-39.90	38.49	-65.37	-13.00	52.37	251	42	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	52.26	-45.67	30.12	-58.55	-13.00	45.55	125	64	Vertical
2	4843.5	44.93	-45.54	32.44	-63.42	-13.00	50.42	148	156	Vertical
3	5611.5	49.06	-45.04	33.06	-58.18	-13.00	45.18	175	49	Vertical
4	6996	37.96	-43.57	36.08	-64.80	-13.00	51.80	146	357	Vertical
5	8404.5	34.49	-41.46	37.34	-64.89	-13.00	51.89	259	156	Vertical
6	9485.25	30.98	-40.17	38.47	-65.98	-13.00	52.98	291	273	Vertical



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Test Band = NR CA 2A\_n2A\_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4275.75	42.25	-45.60	31.26	-67.35	-13.00	54.35	144	151	Horizontal
2	5713.5	41.03	-44.84	33.43	-65.63	-13.00	52.63	152	357	Horizontal
3	8410.5	39.19	-41.47	37.35	-60.19	-13.00	47.19	136	346	Horizontal
4	9054	37.30	-40.65	38.24	-60.37	-13.00	47.37	258	0	Horizontal
5	12274.5	32.19	-37.43	39.11	-61.39	-13.00	48.39	194	242	Horizontal
6	16498.5	32.34	-33.85	37.92	-58.85	-13.00	45.85	175	30	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	46.12	-45.67	30.12	-64.69	-13.00	51.69	125	356	Vertical
2	4531.5	44.74	-45.70	31.64	-64.58	-13.00	51.58	148	181	Vertical
3	5156.25	44.53	-45.32	32.97	-63.08	-13.00	50.08	175	195	Vertical
4	6577.5	40.46	-44.41	35.35	-63.86	-13.00	50.86	156	150	Vertical
5	9416.25	35.78	-39.90	38.49	-60.89	-13.00	47.89	236	150	Vertical
6	12297	32.03	-37.41	39.10	-61.54	-13.00	48.54	259	0	Vertical



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Test Band = NR CA 2A\_n2A\_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3970.5	42.30	-46.11	30.73	-68.34	-13.00	55.34	255	211	Horizontal
2	4941.75	42.07	-45.58	32.72	-66.05	-13.00	53.05	145	2	Horizontal
3	6804	40.67	-44.17	35.84	-62.91	-13.00	49.91	126	256	Horizontal
4	8567.25	38.29	-41.42	37.68	-60.71	-13.00	47.71	158	104	Horizontal
5	11253.75	33.18	-37.41	39.11	-60.38	-13.00	47.38	196	120	Horizontal
6	12918	31.81	-37.15	39.75	-60.85	-13.00	47.85	153	165	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4218.75	42.52	-45.73	31.14	-67.33	-13.00	54.33	155	210	Vertical
2	6045	40.67	-44.66	34.15	-65.10	-13.00	52.10	145	303	Vertical
3	7656	40.96	-43.04	36.50	-60.84	-13.00	47.84	126	122	Vertical
4	9646.5	35.65	-39.56	38.39	-60.78	-13.00	47.78	251	122	Vertical
5	11211	33.28	-37.39	39.11	-60.26	-13.00	47.26	144	182	Vertical
6	12152.25	31.19	-37.42	39.09	-62.40	-13.00	49.40	192	0	Vertical



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Test Band = NR CA 2A\_n2A\_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3500.25	42.91	-46.26	29.52	-69.09	-13.00	56.09	255	8	Horizontal
2	5505.75	41.64	-45.23	32.92	-65.93	-13.00	52.93	148	0	Horizontal
3	7416	40.21	-43.37	36.48	-61.93	-13.00	48.93	126	2	Horizontal
4	8684.25	38.46	-41.63	37.89	-60.54	-13.00	47.54	153	105	Horizontal
5	10362	34.76	-39.04	38.85	-60.69	-13.00	47.69	169	136	Horizontal
6	12759	31.19	-36.77	39.56	-61.28	-13.00	48.28	199	16	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4218.75	42.28	-45.73	31.14	-67.57	-13.00	54.57	125	151	Vertical
2	5156.25	46.72	-45.32	32.97	-60.89	-13.00	47.89	145	242	Vertical
3	5611.5	49.64	-45.04	33.06	-57.60	-13.00	44.60	199	1	Vertical
4	7244.25	40.64	-43.57	36.58	-61.61	-13.00	48.61	156	316	Vertical
5	9985.5	34.80	-39.25	38.47	-61.24	-13.00	48.24	185	301	Vertical
6	10587	34.36	-38.51	39.05	-60.37	-13.00	47.37	183	225	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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## Frequency Stability for SA

### Test Result

#### Frequency Error VS. 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	-0.600000	-0.000319	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	0.500000	0.000266	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-0.500000	-0.000266	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VH	NT	-1.400000	-0.000745	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VN	NT	0.500000	0.000266	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VL	NT	-3.100000	-0.001649	PASS

#### Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-3.600000	-0.001915	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-4.500000	-0.002394	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-3.800000	-0.002021	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-2.800000	-0.001489	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-4.000000	-0.002128	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-3.200000	-0.001702	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-2.200000	-0.001170	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-0.900000	-0.000479	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-3.000000	-0.001596	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-30	-0.500000	-0.000266	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-20	0.500000	0.000266	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-10	-2.900000	-0.001543	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	0	-2.800000	-0.001489	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	10	-3.100000	-0.001649	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	20	-1.500000	-0.000798	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	30	-3.300000	-0.001755	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	40	-4.300000	-0.002287	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	50	0.000000	0.000000	PASS

---End of Attachment---



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