

Appendix for 5G NR n5

Model: LGE-NX9

BTL-FCCP-5-2203G019

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1 Appendix A: Effective (Isotropic) Radiated Power Output Data for SA

1.1 Test Result

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB Config	Power [dBm]	ERP [dBm]	Limit [dBm]	Verdict
N5	15	5	L	826.5	DFT-PI/2BPSK	Inner_Full	22.42	14.27	38.45	PASS
N5	15	5	L	826.5	DFT-PI/2BPSK	Inner_1RB_Left	22.36	14.21	38.45	PASS
N5	15	5	L	826.5	DFT-PI/2BPSK	Inner_1RB_Right	22.28	14.13	38.45	PASS
N5	15	5	L	826.5	DFT-PI/2BPSK	Outer_Full	22.37	14.22	38.45	PASS
N5	15	5	L	826.5	DFT-QPSK	Inner_Full	22.41	14.26	38.45	PASS
N5	15	5	L	826.5	DFT-QPSK	Inner_1RB_Left	22.27	14.12	38.45	PASS
N5	15	5	L	826.5	DFT-QPSK	Inner_1RB_Right	22.19	14.04	38.45	PASS
N5	15	5	L	826.5	DFT-QPSK	Outer_Full	22.37	14.22	38.45	PASS
N5	15	5	L	826.5	DFT-16QAM	Inner_Full	22.37	14.22	38.45	PASS
N5	15	5	L	826.5	DFT-16QAM	Inner_1RB_Left	22.45	14.3	38.45	PASS
N5	15	5	L	826.5	DFT-16QAM	Inner_1RB_Right	22.39	14.24	38.45	PASS
N5	15	5	L	826.5	DFT-16QAM	Outer_Full	22.45	14.3	38.45	PASS
N5	15	5	M	836.5	DFT-PI/2BPSK	Inner_Full	22.26	14.11	38.45	PASS
N5	15	5	M	836.5	DFT-PI/2BPSK	Inner_1RB_Left	22.19	14.04	38.45	PASS
N5	15	5	M	836.5	DFT-PI/2BPSK	Inner_1RB_Right	22.19	14.04	38.45	PASS
N5	15	5	M	836.5	DFT-PI/2BPSK	Outer_Full	22.33	14.18	38.45	PASS
N5	15	5	M	836.5	DFT-QPSK	Inner_Full	22.31	14.16	38.45	PASS
N5	15	5	M	836.5	DFT-QPSK	Inner_1RB_Left	22.17	14.02	38.45	PASS
N5	15	5	M	836.5	DFT-QPSK	Inner_1RB_Right	22.18	14.03	38.45	PASS
N5	15	5	M	836.5	DFT-QPSK	Outer_Full	22.21	14.06	38.45	PASS
N5	15	5	M	836.5	DFT-16QAM	Inner_Full	22.34	14.19	38.45	PASS
N5	15	5	M	836.5	DFT-16QAM	Inner_1RB_Left	22.80	14.65	38.45	PASS
N5	15	5	M	836.5	DFT-16QAM	Inner_1RB_Right	22.72	14.57	38.45	PASS
N5	15	5	M	836.5	DFT-16QAM	Outer_Full	22.43	14.28	38.45	PASS
N5	15	5	H	846.5	DFT-PI/2BPSK	Inner_Full	21.94	13.79	38.45	PASS
N5	15	5	H	846.5	DFT-PI/2BPSK	Inner_1RB_Left	21.94	13.79	38.45	PASS
N5	15	5	H	846.5	DFT-PI/2BPSK	Inner_1RB_Right	21.95	13.8	38.45	PASS
N5	15	5	H	846.5	DFT-PI/2BPSK	Outer_Full	21.89	13.74	38.45	PASS
N5	15	5	H	846.5	DFT-QPSK	Inner_Full	21.94	13.79	38.45	PASS
N5	15	5	H	846.5	DFT-QPSK	Inner_1RB_Left	21.96	13.81	38.45	PASS
N5	15	5	H	846.5	DFT-QPSK	Inner_1RB_Right	21.89	13.74	38.45	PASS
N5	15	5	H	846.5	DFT-QPSK	Outer_Full	21.93	13.78	38.45	PASS
N5	15	5	H	846.5	DFT-16QAM	Inner_Full	22.05	13.9	38.45	PASS
N5	15	5	H	846.5	DFT-16QAM	Inner_1RB_Left	22.17	14.02	38.45	PASS

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB Config	Power [dBm]	ERP [dBm]	Limit [dBm]	Verdict
N5	15	5	H	846.5	DFT-16QAM	Inner_1RB_Right	22.11	13.96	38.45	PASS
N5	15	5	H	846.5	DFT-16QAM	Outer_Full	22.04	13.89	38.45	PASS
N5	15	15	L	831.5	DFT-PI/2BPSK	Inner_Full	22.42	14.27	38.45	PASS
N5	15	15	L	831.5	DFT-PI/2BPSK	Inner_1RB_Left	22.48	14.33	38.45	PASS
N5	15	15	L	831.5	DFT-PI/2BPSK	Inner_1RB_Right	22.18	14.03	38.45	PASS
N5	15	15	L	831.5	DFT-PI/2BPSK	Outer_Full	22.45	14.3	38.45	PASS
N5	15	15	L	831.5	DFT-QPSK	Inner_Full	22.38	14.23	38.45	PASS
N5	15	15	L	831.5	DFT-QPSK	Inner_1RB_Left	22.30	14.15	38.45	PASS
N5	15	15	L	831.5	DFT-QPSK	Inner_1RB_Right	21.98	13.83	38.45	PASS
N5	15	15	L	831.5	DFT-QPSK	Outer_Full	22.34	14.19	38.45	PASS
N5	15	15	L	831.5	DFT-16QAM	Inner_Full	22.58	14.43	38.45	PASS
N5	15	15	L	831.5	DFT-16QAM	Inner_1RB_Left	22.84	14.69	38.45	PASS
N5	15	15	L	831.5	DFT-16QAM	Inner_1RB_Right	22.66	14.51	38.45	PASS
N5	15	15	L	831.5	DFT-16QAM	Outer_Full	22.55	14.4	38.45	PASS
N5	15	15	M	836.5	DFT-PI/2BPSK	Inner_Full	22.47	14.32	38.45	PASS
N5	15	15	M	836.5	DFT-PI/2BPSK	Inner_1RB_Left	22.34	14.19	38.45	PASS
N5	15	15	M	836.5	DFT-PI/2BPSK	Inner_1RB_Right	22.05	13.9	38.45	PASS
N5	15	15	M	836.5	DFT-PI/2BPSK	Outer_Full	22.39	14.24	38.45	PASS
N5	15	15	M	836.5	DFT-QPSK	Inner_Full	22.32	14.17	38.45	PASS
N5	15	15	M	836.5	DFT-QPSK	Inner_1RB_Left	22.21	14.06	38.45	PASS
N5	15	15	M	836.5	DFT-QPSK	Inner_1RB_Right	21.97	13.82	38.45	PASS
N5	15	15	M	836.5	DFT-QPSK	Outer_Full	22.28	14.13	38.45	PASS
N5	15	15	M	836.5	DFT-16QAM	Inner_Full	22.48	14.33	38.45	PASS
N5	15	15	M	836.5	DFT-16QAM	Inner_1RB_Left	22.75	14.6	38.45	PASS
N5	15	15	M	836.5	DFT-16QAM	Inner_1RB_Right	22.58	14.43	38.45	PASS
N5	15	15	M	836.5	DFT-16QAM	Outer_Full	22.53	14.38	38.45	PASS
N5	15	15	H	841.5	DFT-PI/2BPSK	Inner_Full	22.21	14.06	38.45	PASS
N5	15	15	H	841.5	DFT-PI/2BPSK	Inner_1RB_Left	22.17	14.02	38.45	PASS
N5	15	15	H	841.5	DFT-PI/2BPSK	Inner_1RB_Right	21.97	13.82	38.45	PASS
N5	15	15	H	841.5	DFT-PI/2BPSK	Outer_Full	22.16	14.01	38.45	PASS
N5	15	15	H	841.5	DFT-QPSK	Inner_Full	22.27	14.12	38.45	PASS
N5	15	15	H	841.5	DFT-QPSK	Inner_1RB_Left	21.96	13.81	38.45	PASS
N5	15	15	H	841.5	DFT-QPSK	Inner_1RB_Right	21.78	13.63	38.45	PASS
N5	15	15	H	841.5	DFT-QPSK	Outer_Full	22.07	13.92	38.45	PASS
N5	15	15	H	841.5	DFT-16QAM	Inner_Full	22.33	14.18	38.45	PASS
N5	15	15	H	841.5	DFT-16QAM	Inner_1RB_Left	22.63	14.48	38.45	PASS
N5	15	15	H	841.5	DFT-16QAM	Inner_1RB_Right	22.38	14.23	38.45	PASS
N5	15	15	H	841.5	DFT-16QAM	Outer_Full	22.32	14.17	38.45	PASS
N5	15	20	L	834.0	DFT-PI/2BPSK	Inner_Full	22.48	14.33	38.45	PASS
N5	15	20	L	834.0	DFT-PI/2BPSK	Inner_1RB_Left	22.41	14.26	38.45	PASS

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB Config	Power [dBm]	ERP [dBm]	Limit [dBm]	Verdict
N5	15	20	L	834.0	DFT-PI/2BPSK	Inner_1RB_Right	22.03	13.88	38.45	PASS
N5	15	20	L	834.0	DFT-PI/2BPSK	Outer_Full	22.24	14.09	38.45	PASS
N5	15	20	L	834.0	DFT-QPSK	Inner_Full	22.43	14.28	38.45	PASS
N5	15	20	L	834.0	DFT-QPSK	Inner_1RB_Left	22.30	14.15	38.45	PASS
N5	15	20	L	834.0	DFT-QPSK	Inner_1RB_Right	21.97	13.82	38.45	PASS
N5	15	20	L	834.0	DFT-QPSK	Outer_Full	22.32	14.17	38.45	PASS
N5	15	20	L	834.0	DFT-16QAM	Inner_Full	22.55	14.4	38.45	PASS
N5	15	20	L	834.0	DFT-16QAM	Inner_1RB_Left	22.79	14.64	38.45	PASS
N5	15	20	L	834.0	DFT-16QAM	Inner_1RB_Right	22.60	14.45	38.45	PASS
N5	15	20	L	834.0	DFT-16QAM	Outer_Full	22.53	14.38	38.45	PASS
N5	15	20	M	836.5	DFT-PI/2BPSK	Inner_Full	22.46	14.31	38.45	PASS
N5	15	20	M	836.5	DFT-PI/2BPSK	Inner_1RB_Left	22.46	14.31	38.45	PASS
N5	15	20	M	836.5	DFT-PI/2BPSK	Inner_1RB_Right	22.04	13.89	38.45	PASS
N5	15	20	M	836.5	DFT-PI/2BPSK	Outer_Full	22.32	14.17	38.45	PASS
N5	15	20	M	836.5	DFT-QPSK	Inner_Full	22.42	14.27	38.45	PASS
N5	15	20	M	836.5	DFT-QPSK	Inner_1RB_Left	22.20	14.05	38.45	PASS
N5	15	20	M	836.5	DFT-QPSK	Inner_1RB_Right	21.92	13.77	38.45	PASS
N5	15	20	M	836.5	DFT-QPSK	Outer_Full	22.20	14.05	38.45	PASS
N5	15	20	M	836.5	DFT-16QAM	Inner_Full	22.52	14.37	38.45	PASS
N5	15	20	M	836.5	DFT-16QAM	Inner_1RB_Left	22.46	14.31	38.45	PASS
N5	15	20	M	836.5	DFT-16QAM	Inner_1RB_Right	22.17	14.02	38.45	PASS
N5	15	20	M	836.5	DFT-16QAM	Outer_Full	22.57	14.42	38.45	PASS
N5	15	20	H	839.0	DFT-PI/2BPSK	Inner_Full	22.41	14.26	38.45	PASS
N5	15	20	H	839.0	DFT-PI/2BPSK	Inner_1RB_Left	22.25	14.1	38.45	PASS
N5	15	20	H	839.0	DFT-PI/2BPSK	Inner_1RB_Right	22.05	13.9	38.45	PASS
N5	15	20	H	839.0	DFT-PI/2BPSK	Outer_Full	22.31	14.16	38.45	PASS
N5	15	20	H	839.0	DFT-QPSK	Inner_Full	22.36	14.21	38.45	PASS
N5	15	20	H	839.0	DFT-QPSK	Inner_1RB_Left	22.32	14.17	38.45	PASS
N5	15	20	H	839.0	DFT-QPSK	Inner_1RB_Right	21.84	13.69	38.45	PASS
N5	15	20	H	839.0	DFT-QPSK	Outer_Full	22.31	14.16	38.45	PASS
N5	15	20	H	839.0	DFT-16QAM	Inner_Full	22.52	14.37	38.45	PASS
N5	15	20	H	839.0	DFT-16QAM	Inner_1RB_Left	22.46	14.31	38.45	PASS
N5	15	20	H	839.0	DFT-16QAM	Inner_1RB_Right	22.14	13.99	38.45	PASS
N5	15	20	H	839.0	DFT-16QAM	Outer_Full	22.42	14.27	38.45	PASS

2 Appendix B: Peak-to-Average Ratio for SA

2.1 Test Result

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB Config	Measured [dBm]	Limit [dBm]	Verdict
N5	15	5	M	836.5	DFT-PI/2BPSK	Outer_Full	6.50	≤13	PASS
N5	15	5	M	836.5	DFT-QPSK	Outer_Full	6.23	≤13	PASS
N5	15	5	M	836.5	DFT-16QAM	Outer_Full	6.99	≤13	PASS
N5	15	5	M	836.5	DFT-64QAM	Outer_Full	6.98	≤13	PASS
N5	15	5	M	836.5	DFT-256QAM	Outer_Full	7.12	≤13	PASS
N5	15	5	M	836.5	CP-QPSK	Outer_Full	8.09	≤13	PASS
N5	15	5	M	836.5	CP-16QAM	Outer_Full	8.07	≤13	PASS
N5	15	5	M	836.5	CP-64QAM	Outer_Full	8.37	≤13	PASS
N5	15	5	M	836.5	CP-256QAM	Outer_Full	8.37	≤13	PASS
N5	15	15	M	836.5	DFT-PI/2BPSK	Outer_Full	9.15	≤13	PASS
N5	15	15	M	836.5	DFT-QPSK	Outer_Full	7.45	≤13	PASS
N5	15	15	M	836.5	DFT-16QAM	Outer_Full	7.87	≤13	PASS
N5	15	15	M	836.5	DFT-64QAM	Outer_Full	8.12	≤13	PASS
N5	15	15	M	836.5	DFT-256QAM	Outer_Full	7.65	≤13	PASS
N5	15	15	M	836.5	CP-QPSK	Outer_Full	8.35	≤13	PASS
N5	15	15	M	836.5	CP-16QAM	Outer_Full	8.33	≤13	PASS
N5	15	15	M	836.5	CP-64QAM	Outer_Full	8.51	≤13	PASS
N5	15	15	M	836.5	CP-256QAM	Outer_Full	8.46	≤13	PASS
N5	15	20	M	836.5	DFT-PI/2BPSK	Outer_Full	8.94	≤13	PASS
N5	15	20	M	836.5	DFT-QPSK	Outer_Full	7.66	≤13	PASS
N5	15	20	M	836.5	DFT-16QAM	Outer_Full	8.18	≤13	PASS
N5	15	20	M	836.5	DFT-64QAM	Outer_Full	7.96	≤13	PASS
N5	15	20	M	836.5	DFT-256QAM	Outer_Full	8.15	≤13	PASS
N5	15	20	M	836.5	CP-QPSK	Outer_Full	8.51	≤13	PASS
N5	15	20	M	836.5	CP-16QAM	Outer_Full	8.54	≤13	PASS
N5	15	20	M	836.5	CP-64QAM	Outer_Full	8.32	≤13	PASS
N5	15	20	M	836.5	CP-256QAM	Outer_Full	8.30	≤13	PASS

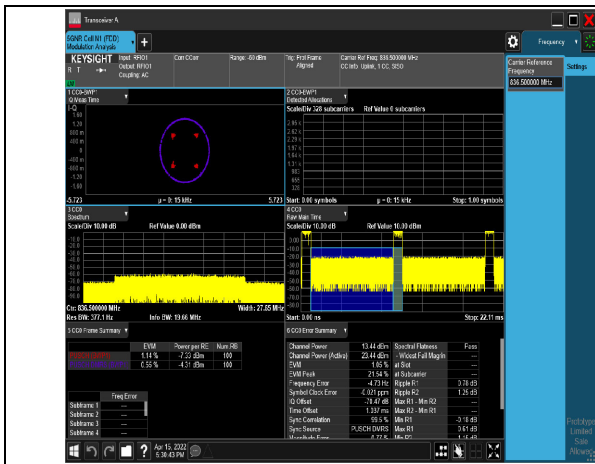
3 Appendix C: Modulation characteristics for SA

3.1 Test Result

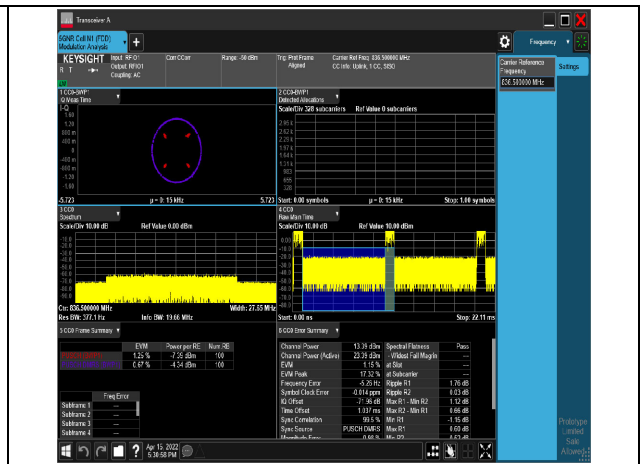
NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB config	Verdict
N5	15	20	M	836.5	DFT-PI/2BPSK	Outer_Full	PASS
N5	15	20	M	836.5	DFT-QPSK	Outer_Full	PASS
N5	15	20	M	836.5	DFT-16QAM	Outer_Full	PASS
N5	15	20	M	836.5	DFT-64QAM	Outer_Full	PASS
N5	15	20	M	836.5	DFT-256QAM	Outer_Full	PASS
N5	15	20	M	836.5	CP-QPSK	Outer_Full	PASS
N5	15	20	M	836.5	CP-16QAM	Outer_Full	PASS
N5	15	20	M	836.5	CP-64QAM	Outer_Full	PASS
N5	15	20	M	836.5	CP-256QAM	Outer_Full	PASS

3.2 Test Plots

3.2.1 Channel bandwidth=20MHz



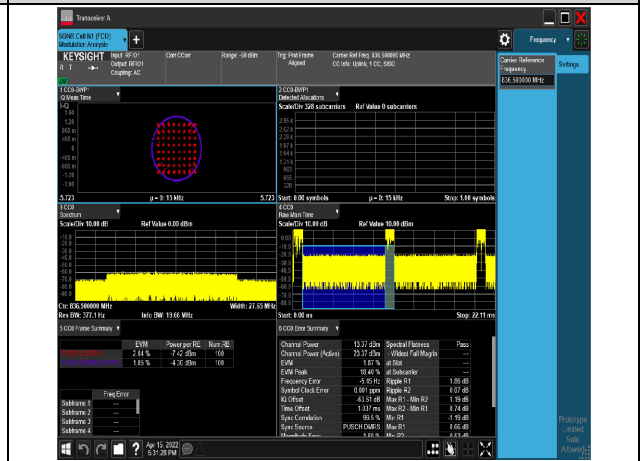
1-N5-PC3-15-20-M-1-DFT-PI/2BPSK-Outer_Full-100 @0-Ant1-see graph-PASS



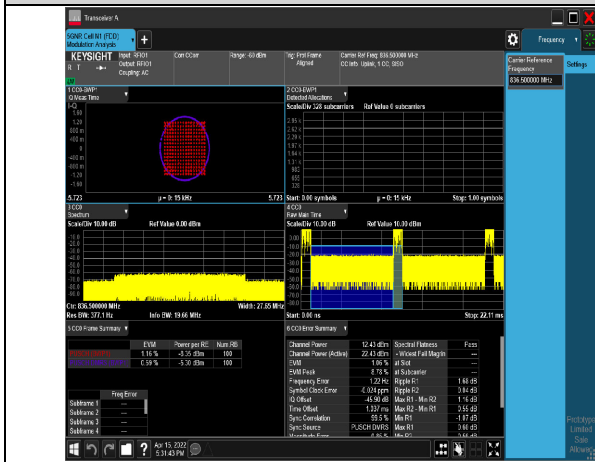
1-N5-PC3-15-20-M-2-DFT-QPSK-Outer_Full-100 @0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100 @0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100 @0-Ant1-see graph-PASS



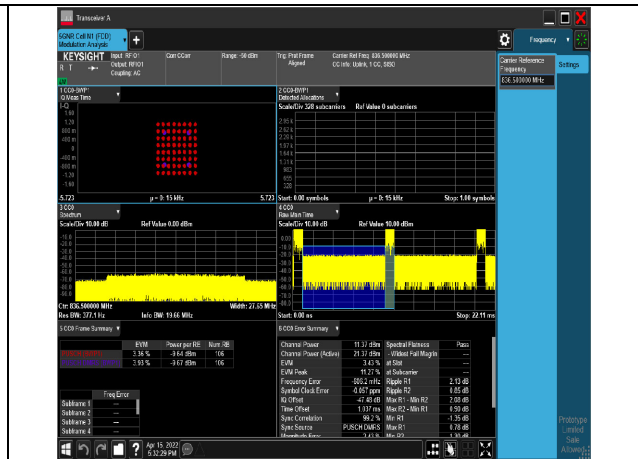
1-N5-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100 @0-Ant1-see graph-PASS



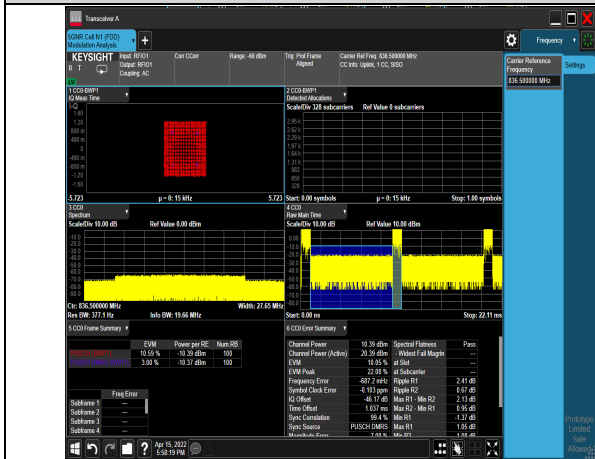
1-N5-PC3-15-20-M-6-CP-QPSK-Outer_Full-106 @0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@
0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-8-CP-64QAM-Outer_Full-106
@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-9-CP-256QAM-Outer_Full-106
@0-Ant1-see graph-PASS



4 Appendix D: 26dB Bandwidth and Occupied Bandwidth for SA

4.1 Test Result

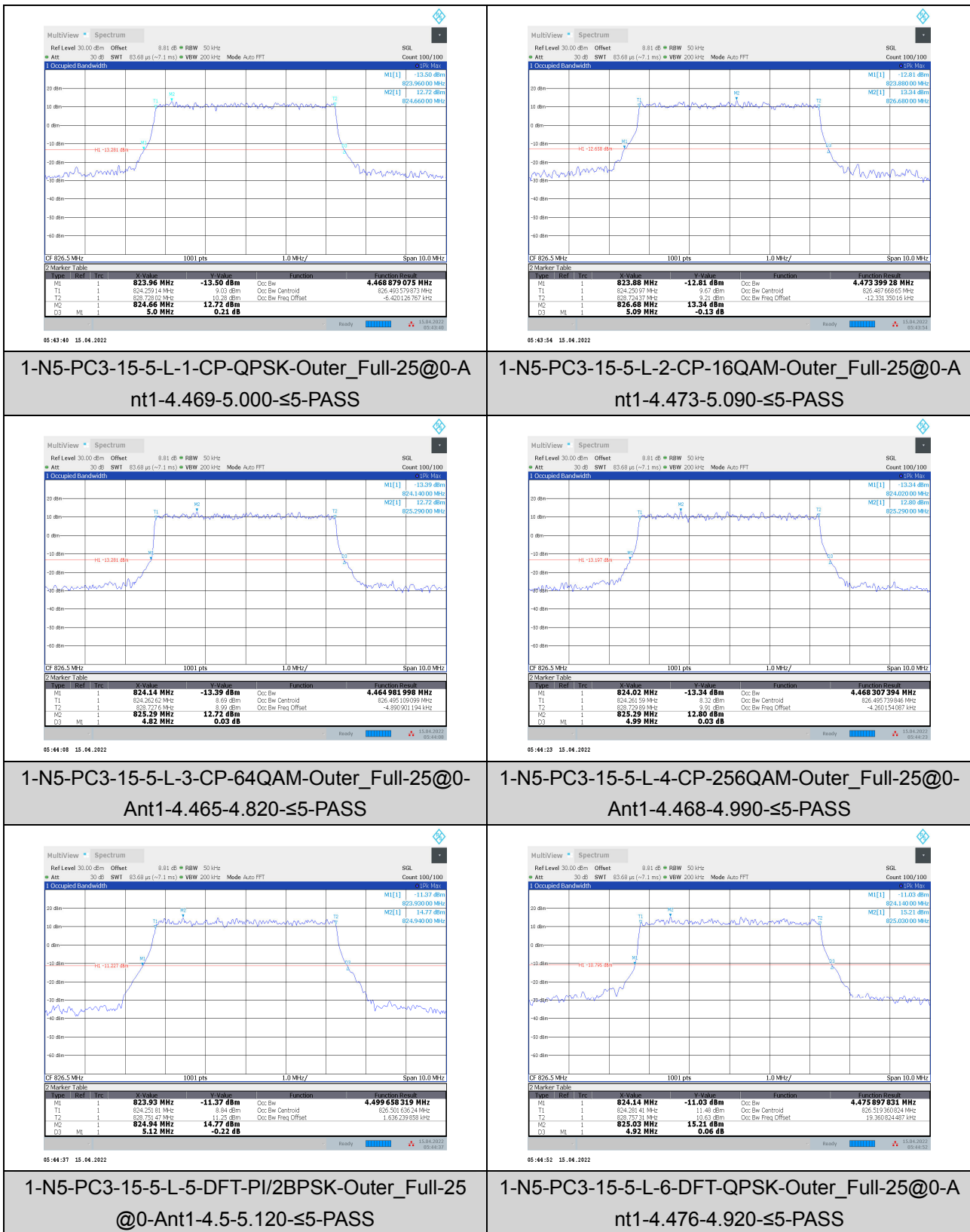
NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB config	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
N5	15	5	L	826.5	CP-QPSK	Outer_Full	4.469	5.000	PASS
N5	15	5	L	826.5	CP-16QAM	Outer_Full	4.473	5.090	PASS
N5	15	5	L	826.5	CP-64QAM	Outer_Full	4.465	4.820	PASS
N5	15	5	L	826.5	CP-256QAM	Outer_Full	4.468	4.990	PASS
N5	15	5	L	826.5	DFT-PI/2BPSK	Outer_Full	4.500	5.120	PASS
N5	15	5	L	826.5	DFT-QPSK	Outer_Full	4.476	4.920	PASS
N5	15	5	L	826.5	DFT-16QAM	Outer_Full	4.494	5.050	PASS
N5	15	5	L	826.5	DFT-64QAM	Outer_Full	4.48	4.980	PASS
N5	15	5	L	826.5	DFT-256QAM	Outer_Full	4.479	4.880	PASS
N5	15	5	M	836.5	CP-QPSK	Outer_Full	4.461	4.950	PASS
N5	15	5	M	836.5	CP-16QAM	Outer_Full	4.48	4.960	PASS
N5	15	5	M	836.5	CP-64QAM	Outer_Full	4.468	4.980	PASS
N5	15	5	M	836.5	CP-256QAM	Outer_Full	4.464	5.030	PASS
N5	15	5	M	836.5	DFT-PI/2BPSK	Outer_Full	4.468	4.910	PASS
N5	15	5	M	836.5	DFT-QPSK	Outer_Full	4.462	4.840	PASS
N5	15	5	M	836.5	DFT-16QAM	Outer_Full	4.457	4.840	PASS
N5	15	5	M	836.5	DFT-64QAM	Outer_Full	4.487	5.000	PASS
N5	15	5	M	836.5	DFT-256QAM	Outer_Full	4.482	4.880	PASS
N5	15	5	H	846.5	CP-QPSK	Outer_Full	4.477	4.620	PASS
N5	15	5	H	846.5	CP-16QAM	Outer_Full	4.454	4.920	PASS
N5	15	5	H	846.5	CP-64QAM	Outer_Full	4.418	4.750	PASS
N5	15	5	H	846.5	CP-256QAM	Outer_Full	4.474	4.900	PASS
N5	15	5	H	846.5	DFT-PI/2BPSK	Outer_Full	4.473	4.680	PASS
N5	15	5	H	846.5	DFT-QPSK	Outer_Full	4.453	4.660	PASS
N5	15	5	H	846.5	DFT-16QAM	Outer_Full	4.422	4.620	PASS
N5	15	5	H	846.5	DFT-64QAM	Outer_Full	4.397	4.570	PASS
N5	15	5	H	846.5	DFT-256QAM	Outer_Full	4.429	4.620	PASS
N5	15	10	L	829.0	CP-QPSK	Outer_Full	8.957	9.460	PASS
N5	15	10	L	829.0	CP-16QAM	Outer_Full	9.253	9.760	PASS
N5	15	10	L	829.0	CP-64QAM	Outer_Full	9.26	9.780	PASS
N5	15	10	L	829.0	CP-256QAM	Outer_Full	9.26	9.620	PASS
N5	15	10	L	829.0	DFT-PI/2BPSK	Outer_Full	8.947	9.540	PASS
N5	15	10	L	829.0	DFT-QPSK	Outer_Full	8.939	9.400	PASS
N5	15	10	L	829.0	DFT-16QAM	Outer_Full	8.921	9.560	PASS
N5	15	10	L	829.0	DFT-64QAM	Outer_Full	8.922	9.580	PASS

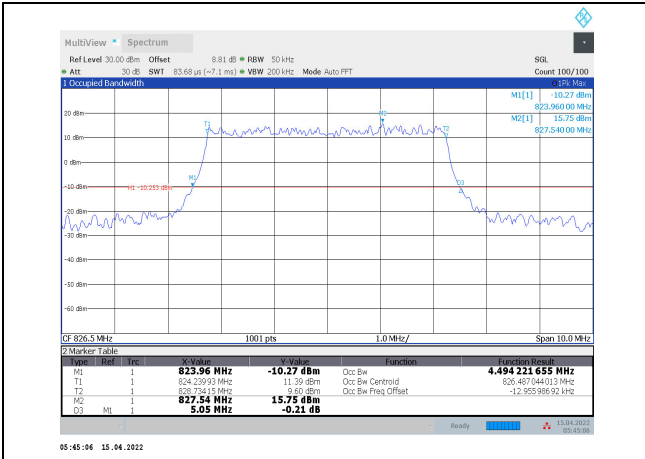
NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB config	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
N5	15	10	L	829.0	DFT-256QAM	Outer_Full	8.926	9.620	PASS
N5	15	10	M	836.5	CP-QPSK	Outer_Full	8.96	9.260	PASS
N5	15	10	M	836.5	CP-16QAM	Outer_Full	9.3	9.720	PASS
N5	15	10	M	836.5	CP-64QAM	Outer_Full	9.258	9.660	PASS
N5	15	10	M	836.5	CP-256QAM	Outer_Full	9.275	9.700	PASS
N5	15	10	M	836.5	DFT-PI/2BPSK	Outer_Full	8.93	9.280	PASS
N5	15	10	M	836.5	DFT-QPSK	Outer_Full	8.934	9.640	PASS
N5	15	10	M	836.5	DFT-16QAM	Outer_Full	8.928	9.400	PASS
N5	15	10	M	836.5	DFT-64QAM	Outer_Full	8.869	9.380	PASS
N5	15	10	M	836.5	DFT-256QAM	Outer_Full	8.927	9.380	PASS
N5	15	10	H	844.0	CP-QPSK	Outer_Full	8.854	9.380	PASS
N5	15	10	H	844.0	CP-16QAM	Outer_Full	9.268	9.640	PASS
N5	15	10	H	844.0	CP-64QAM	Outer_Full	9.255	9.620	PASS
N5	15	10	H	844.0	CP-256QAM	Outer_Full	9.198	9.640	PASS
N5	15	10	H	844.0	DFT-PI/2BPSK	Outer_Full	8.922	9.600	PASS
N5	15	10	H	844.0	DFT-QPSK	Outer_Full	8.897	9.400	PASS
N5	15	10	H	844.0	DFT-16QAM	Outer_Full	8.867	9.420	PASS
N5	15	10	H	844.0	DFT-64QAM	Outer_Full	8.923	9.340	PASS
N5	15	10	H	844.0	DFT-256QAM	Outer_Full	8.867	9.340	PASS
N5	15	15	L	831.5	CP-QPSK	Outer_Full	13.375	14.010	PASS
N5	15	15	L	831.5	CP-16QAM	Outer_Full	14.111	14.910	PASS
N5	15	15	L	831.5	CP-64QAM	Outer_Full	14.1	14.850	PASS
N5	15	15	L	831.5	CP-256QAM	Outer_Full	14.097	14.820	PASS
N5	15	15	L	831.5	DFT-PI/2BPSK	Outer_Full	13.371	14.190	PASS
N5	15	15	L	831.5	DFT-QPSK	Outer_Full	13.35	13.980	PASS
N5	15	15	L	831.5	DFT-16QAM	Outer_Full	13.403	14.400	PASS
N5	15	15	L	831.5	DFT-64QAM	Outer_Full	13.434	14.010	PASS
N5	15	15	L	831.5	DFT-256QAM	Outer_Full	13.436	14.190	PASS
N5	15	15	M	836.5	CP-QPSK	Outer_Full	13.318	14.070	PASS
N5	15	15	M	836.5	CP-16QAM	Outer_Full	14.03	14.700	PASS
N5	15	15	M	836.5	CP-64QAM	Outer_Full	14.123	14.730	PASS
N5	15	15	M	836.5	CP-256QAM	Outer_Full	14.052	14.700	PASS
N5	15	15	M	836.5	DFT-PI/2BPSK	Outer_Full	13.333	14.160	PASS
N5	15	15	M	836.5	DFT-QPSK	Outer_Full	13.408	14.070	PASS
N5	15	15	M	836.5	DFT-16QAM	Outer_Full	13.432	14.100	PASS
N5	15	15	M	836.5	DFT-64QAM	Outer_Full	13.404	14.100	PASS
N5	15	15	M	836.5	DFT-256QAM	Outer_Full	13.351	14.070	PASS
N5	15	15	H	841.5	CP-QPSK	Outer_Full	13.448	14.130	PASS
N5	15	15	H	841.5	CP-16QAM	Outer_Full	14.086	14.790	PASS

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB config	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
N5	15	15	H	841.5	CP-64QAM	Outer_Full	14.077	14.760	PASS
N5	15	15	H	841.5	CP-256QAM	Outer_Full	14.049	14.790	PASS
N5	15	15	H	841.5	DFT-PI/2BPSK	Outer_Full	13.444	14.160	PASS
N5	15	15	H	841.5	DFT-QPSK	Outer_Full	13.367	13.980	PASS
N5	15	15	H	841.5	DFT-16QAM	Outer_Full	13.384	13.920	PASS
N5	15	15	H	841.5	DFT-64QAM	Outer_Full	13.328	14.040	PASS
N5	15	15	H	841.5	DFT-256QAM	Outer_Full	13.463	14.100	PASS
N5	15	20	L	834.0	CP-QPSK	Outer_Full	17.919	18.680	PASS
N5	15	20	L	834.0	CP-16QAM	Outer_Full	18.857	19.600	PASS
N5	15	20	L	834.0	CP-64QAM	Outer_Full	18.84	19.560	PASS
N5	15	20	L	834.0	CP-256QAM	Outer_Full	18.942	19.560	PASS
N5	15	20	L	834.0	DFT-PI/2BPSK	Outer_Full	17.791	18.480	PASS
N5	15	20	L	834.0	DFT-QPSK	Outer_Full	17.693	18.600	PASS
N5	15	20	L	834.0	DFT-16QAM	Outer_Full	17.65	18.480	PASS
N5	15	20	L	834.0	DFT-64QAM	Outer_Full	17.624	18.520	PASS
N5	15	20	L	834.0	DFT-256QAM	Outer_Full	17.844	18.640	PASS
N5	15	20	M	836.5	CP-QPSK	Outer_Full	17.824	18.480	PASS
N5	15	20	M	836.5	CP-16QAM	Outer_Full	18.884	19.560	PASS
N5	15	20	M	836.5	CP-64QAM	Outer_Full	18.837	19.560	PASS
N5	15	20	M	836.5	CP-256QAM	Outer_Full	18.842	21.520	PASS
N5	15	20	M	836.5	DFT-PI/2BPSK	Outer_Full	17.708	18.640	PASS
N5	15	20	M	836.5	DFT-QPSK	Outer_Full	17.787	18.440	PASS
N5	15	20	M	836.5	DFT-16QAM	Outer_Full	17.888	18.480	PASS
N5	15	20	M	836.5	DFT-64QAM	Outer_Full	17.83	18.480	PASS
N5	15	20	M	836.5	DFT-256QAM	Outer_Full	17.864	18.480	PASS
N5	15	20	H	839.0	CP-QPSK	Outer_Full	17.877	18.520	PASS
N5	15	20	H	839.0	CP-16QAM	Outer_Full	18.841	19.640	PASS
N5	15	20	H	839.0	CP-64QAM	Outer_Full	18.84	21.440	PASS
N5	15	20	H	839.0	CP-256QAM	Outer_Full	18.781	19.560	PASS
N5	15	20	H	839.0	DFT-PI/2BPSK	Outer_Full	17.746	18.680	PASS
N5	15	20	H	839.0	DFT-QPSK	Outer_Full	17.703	18.440	PASS
N5	15	20	H	839.0	DFT-16QAM	Outer_Full	17.835	18.560	PASS
N5	15	20	H	839.0	DFT-64QAM	Outer_Full	17.784	18.480	PASS
N5	15	20	H	839.0	DFT-256QAM	Outer_Full	17.657	18.640	PASS

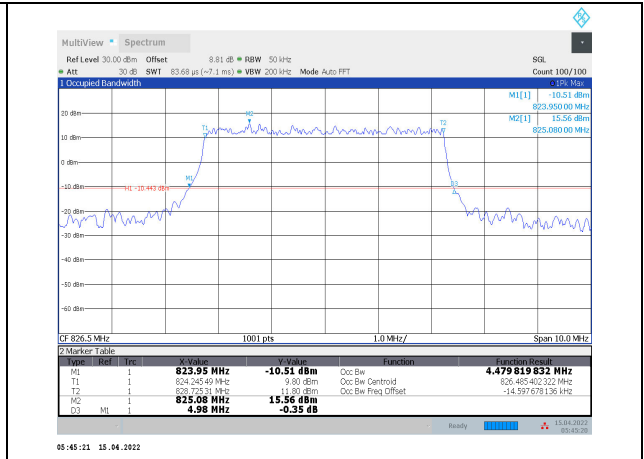
4.2 Test Plots

4.2.1 Channel bandwidth=5MHz

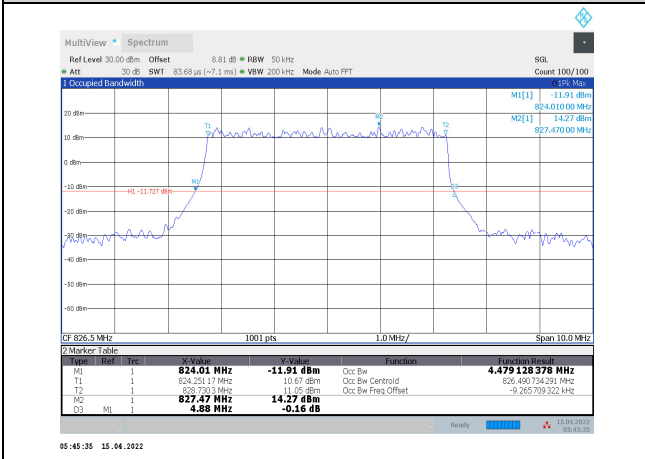




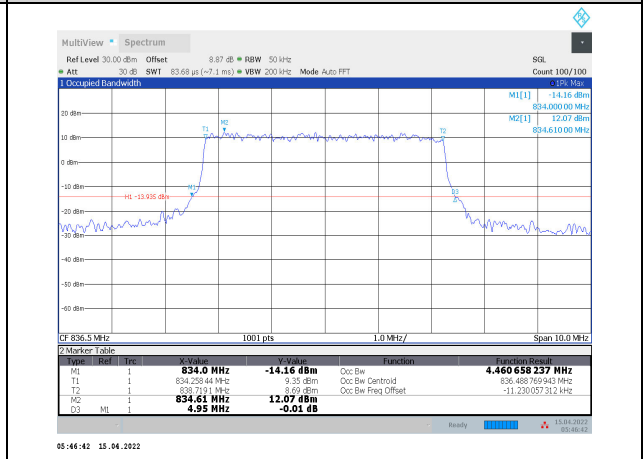
1-N5-PC3-15-5-L-7-DFT-16QAM-Outer_Full-25@0-Ant1-4.494-5.050-≤5-PASS



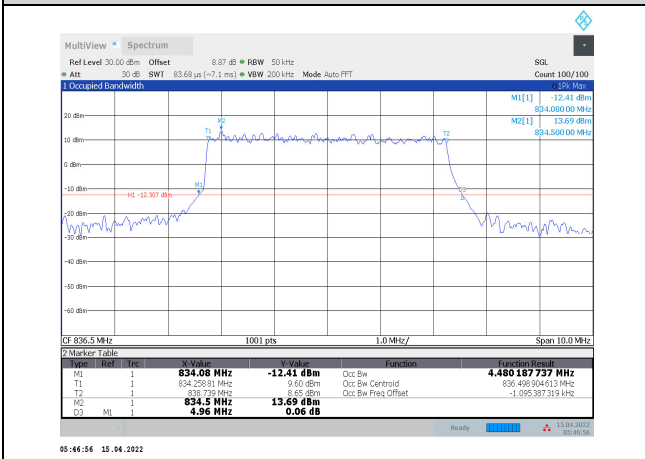
1-N5-PC3-15-5-L-8-DFT-64QAM-Outer_Full-25@0-Ant1-4.48-4.980-≤5-PASS



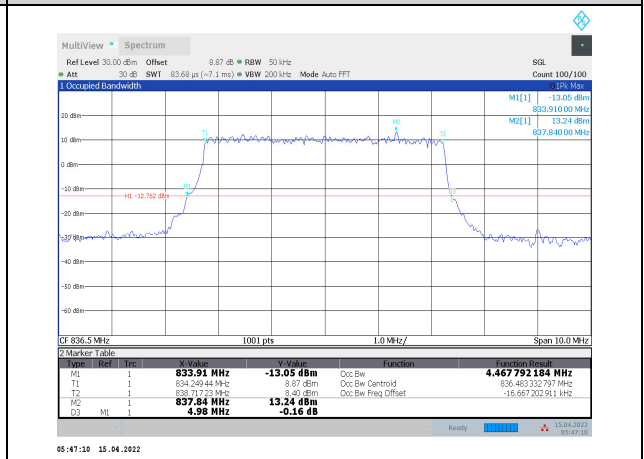
1-N5-PC3-15-5-L-9-DFT-256QAM-Outer_Full-25@0-Ant1-4.479-4.880-≤5-PASS



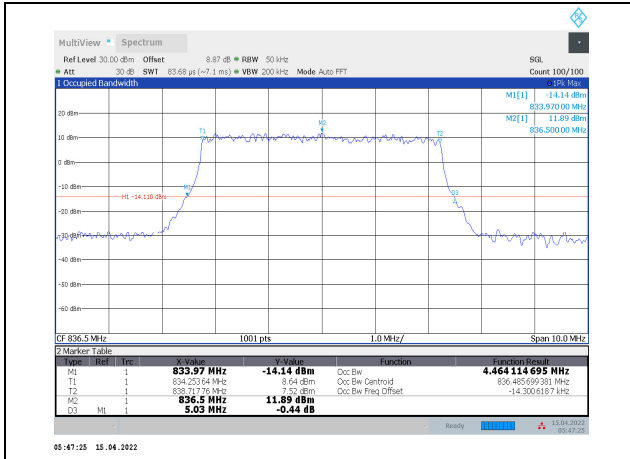
1-N5-PC3-15-5-M-1-CP-QPSK-Outer_Full-25@0-Ant1-4.461-4.950-≤5-PASS



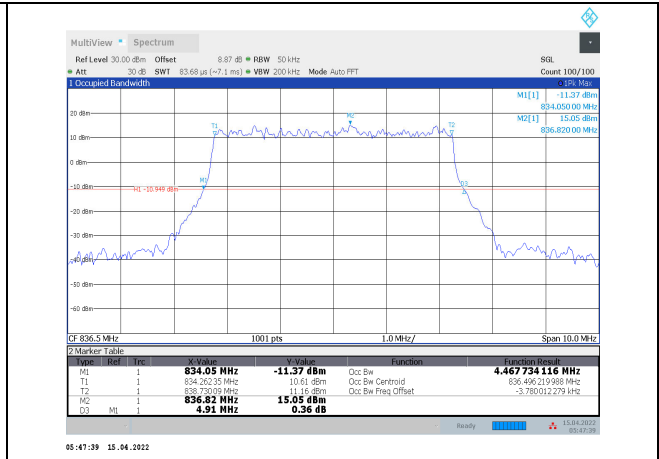
1-N5-PC3-15-5-M-2-CP-16QAM-Outer_Full-25@0-Ant1-4.48-4.960-≤5-PASS



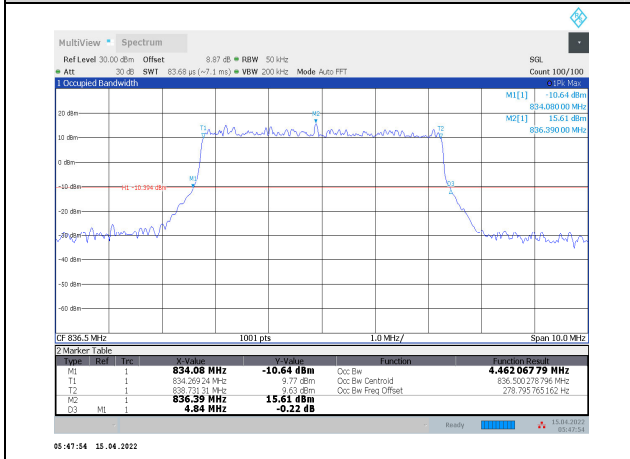
1-N5-PC3-15-5-M-3-CP-64QAM-Outer_Full-25@0-Ant1-4.468-4.980-≤5-PASS



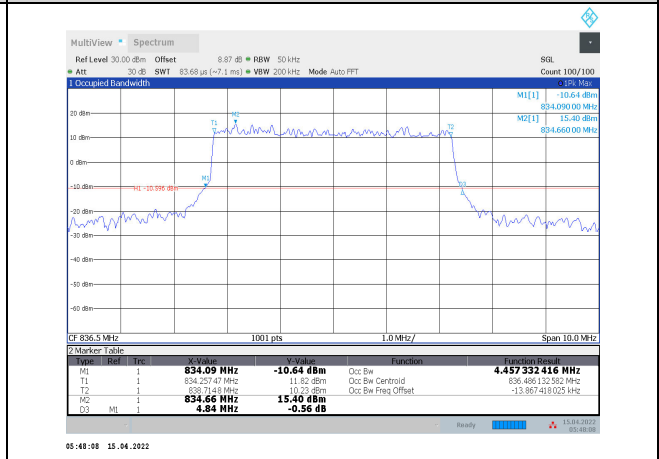
1-N5-PC3-15-5-M-4-CP-256QAM-Outer_Full-25@
0-Ant1-4.464-5.030-≤5-PASS



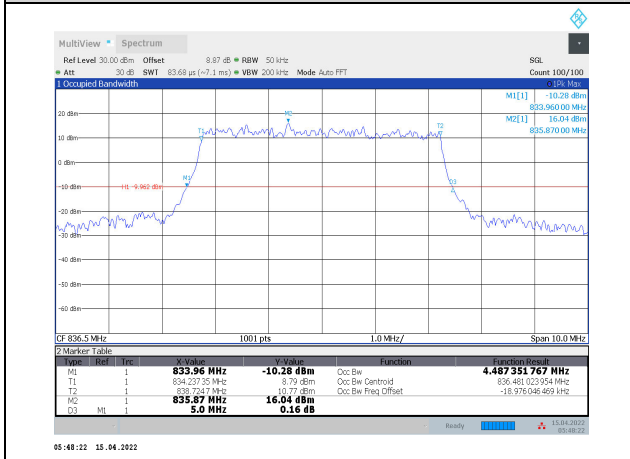
1-N5-PC3-15-5-M-5-DFT-PI/2BPSK-Outer_Full-25@
0-Ant1-4.468-4.910-≤5-PASS



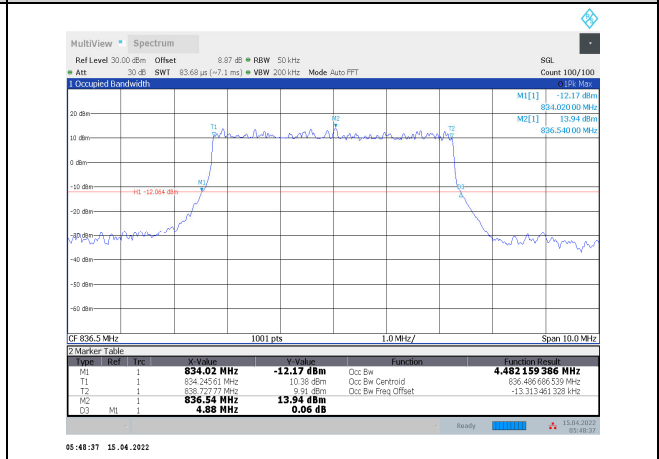
1-N5-PC3-15-5-M-6-DFT-QPSK-Outer_Full-25@0-
Ant1-4.462-4.840-≤5-PASS



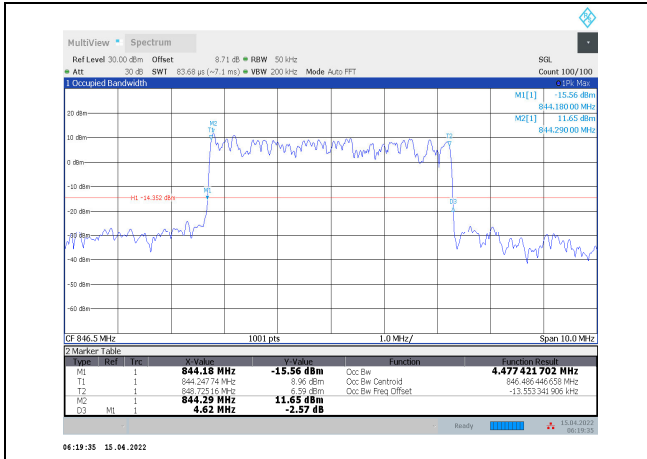
1-N5-PC3-15-5-M-7-DFT-16QAM-Outer_Full-25@0-
Ant1-4.457-4.840-≤5-PASS



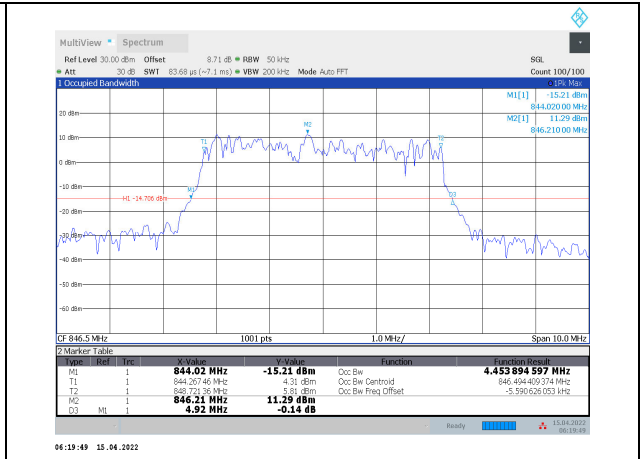
1-N5-PC3-15-5-M-8-DFT-64QAM-Outer_Full-25@
0-Ant1-4.487-5.000-≤5-PASS



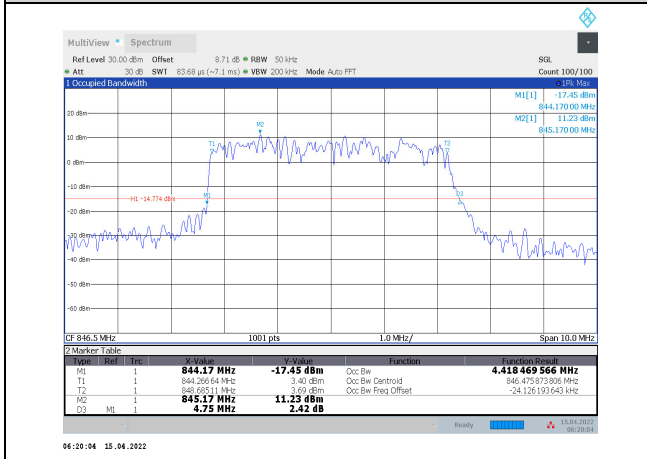
1-N5-PC3-15-5-M-9-DFT-256QAM-Outer_Full-25@
0-Ant1-4.482-4.880-≤5-PASS



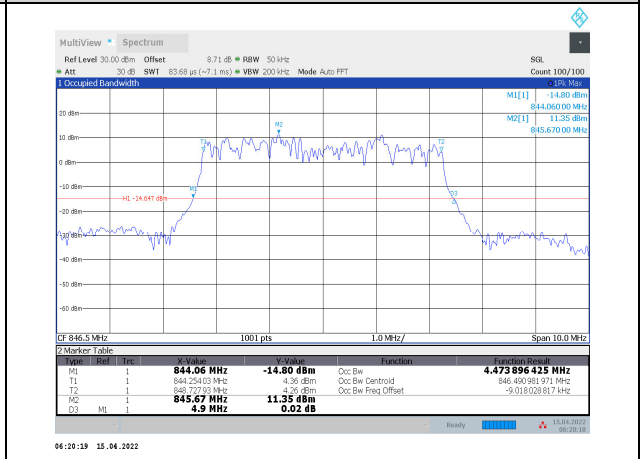
1-N5-PC3-15-5-H-1-CP-QPSK-Outter_Full-25@0-An
t1-4.477-4.620-≤5-PASS



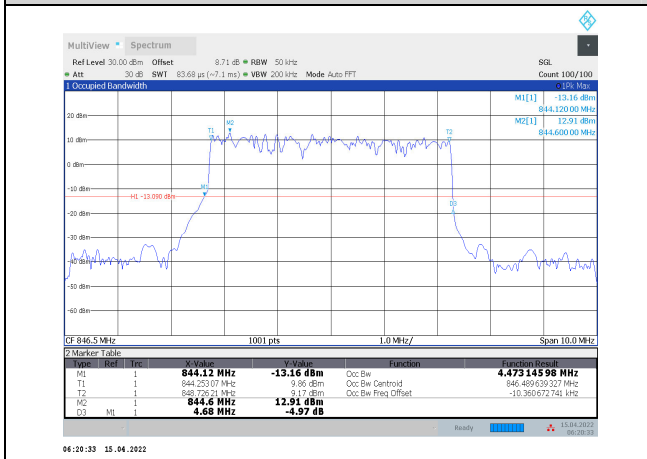
1-N5-PC3-15-5-H-2-CP-16QAM-Outter_Full-25@0-Ant1
Ant1-4.454-4.920-≤5-PASS



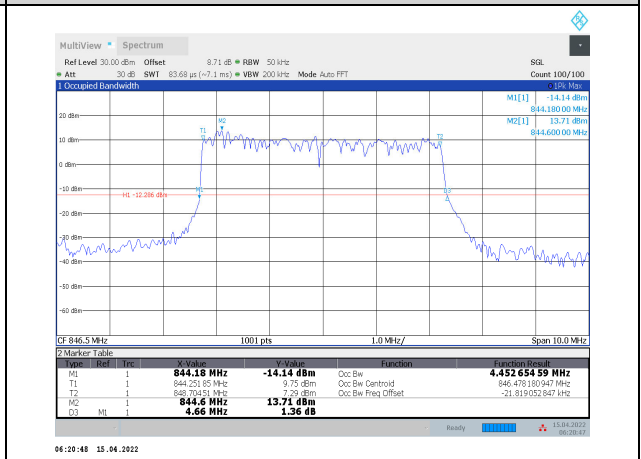
1-N5-PC3-15-5-H-3-CP-64QAM-Outter_Full-25@0-A
nt1-4.418-4.750-≤5-PASS



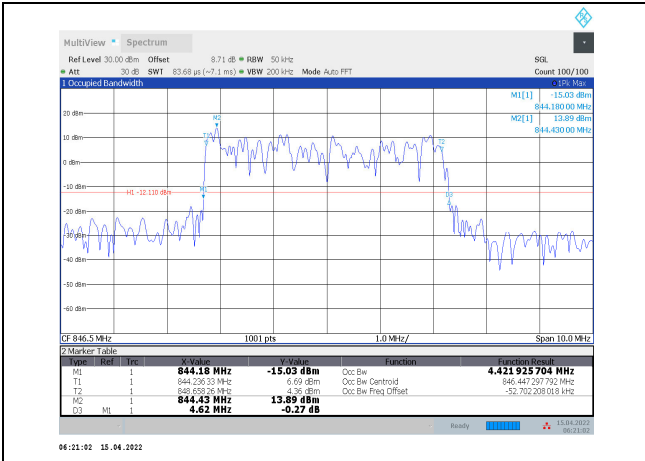
1-N5-PC3-15-5-H-4-CP-256QAM-Outter_Full-25@0-Ant1
0-Ant1-4.474-4.900-≤5-PASS



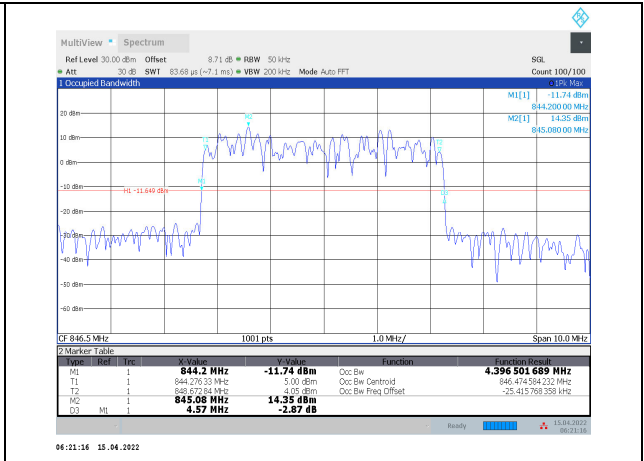
1-N5-PC3-15-5-H-5-DFT-PI/2BPSK-Outter_Full-25@0-Ant1
0-Ant1-4.473-4.680-≤5-PASS



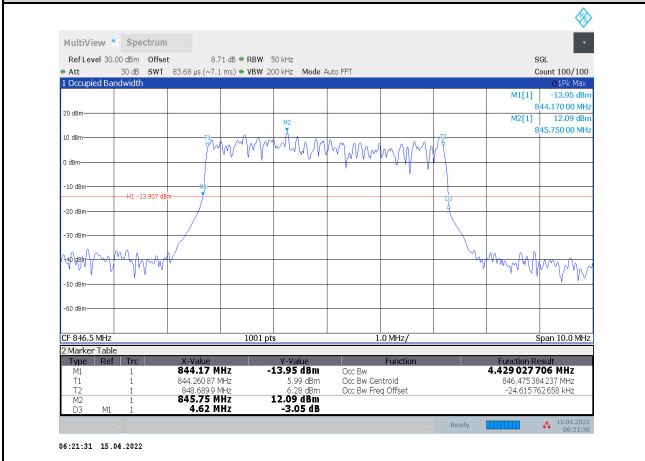
1-N5-PC3-15-5-H-6-DFT-QPSK-Outter_Full-25@0-Ant1
Ant1-4.453-4.660-≤5-PASS



1-N5-PC3-15-5-H-7-DFT-16QAM-Outer_Full-25@0-Ant1-4.422-4.620-≤ 5-PASS

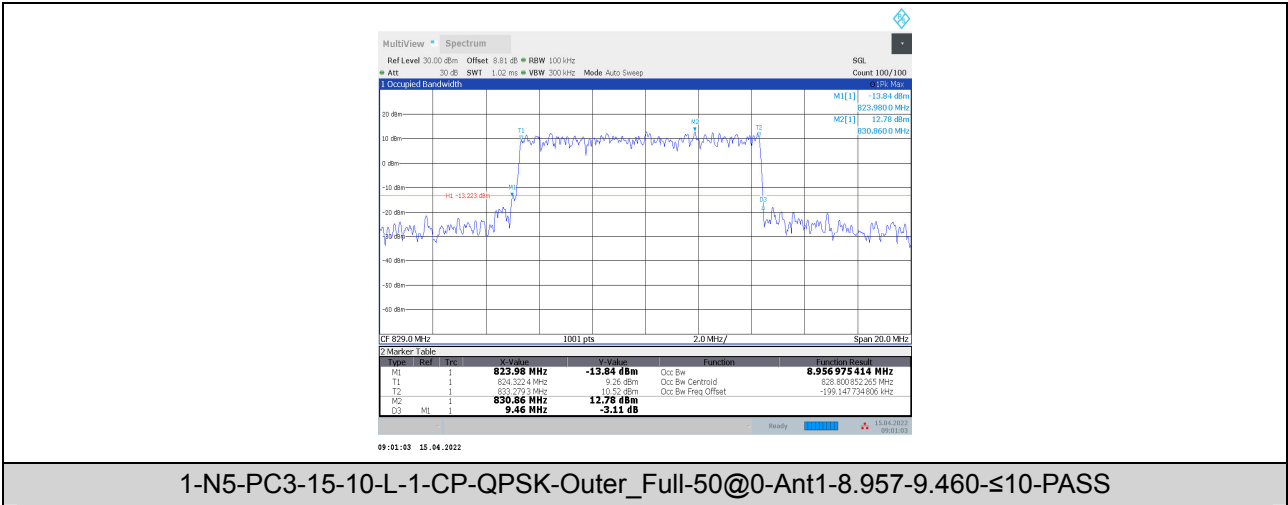


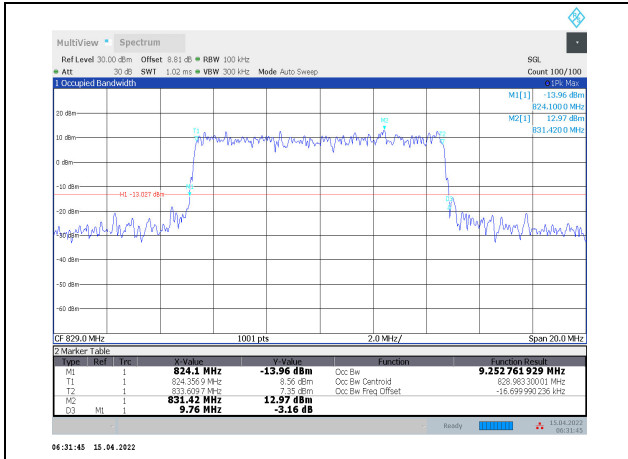
1-N5-PC3-15-5-H-8-DFT-64QAM-Outer_Full-25@0-Ant1-4.397-4.570-≤ 5-PASS



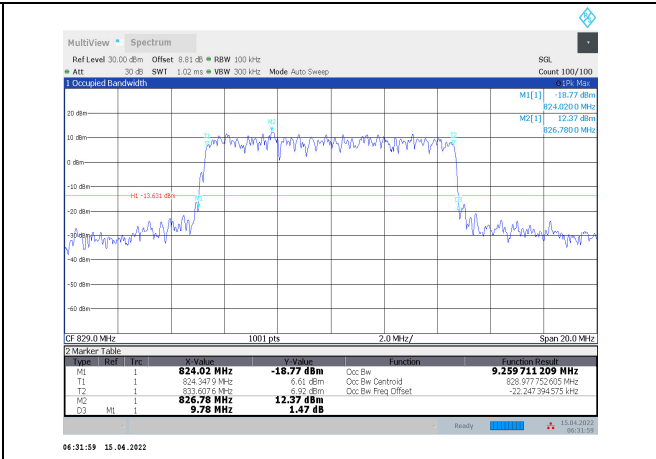
1-N5-PC3-15-5-H-9-DFT-256QAM-Outer_Full-25@0-Ant1-4.429-4.620-≤ 5-PASS

4.2.2 Channel bandwidth=10MHz

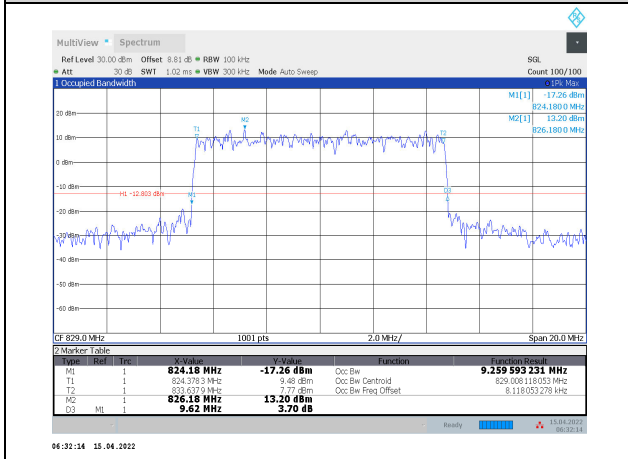




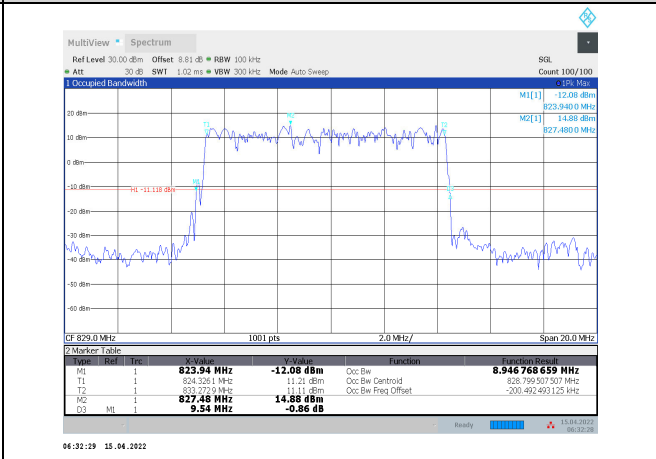
1-N5-PC3-15-10-L-2-CP-16QAM-Outer_Full-52@
0-Ant1-9.253-9.760-≤10-PASS



1-N5-PC3-15-10-L-3-CP-64QAM-Outer_Full-52@0-
Ant1-9.26-9.780-≤10-PASS



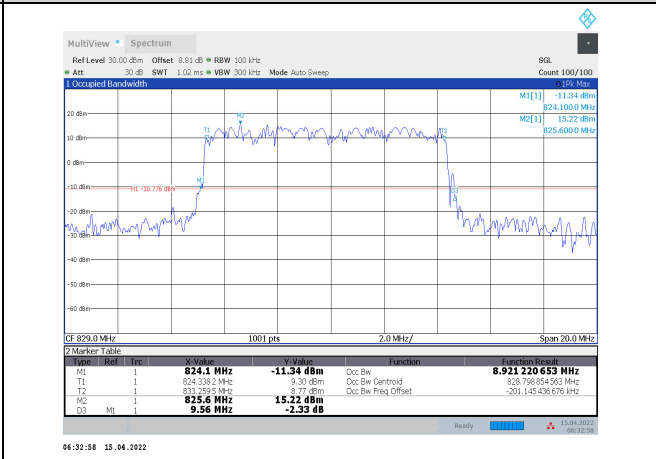
1-N5-PC3-15-10-L-4-CP-256QAM-Outer_Full-52
@0-Ant1-9.26-9.620-≤10-PASS



1-N5-PC3-15-10-L-5-DFT-PI/2BPSK-Outer_Full-50
@0-Ant1-8.947-9.540-≤10-PASS



1-N5-PC3-15-10-L-6-DFT-QPSK-Outer_Full-50@0-
-Ant1-8.939-9.400-≤10-PASS



1-N5-PC3-15-10-L-7-DFT-16QAM-Outer_Full-50@0-
Ant1-8.921-9.560-≤10-PASS