



Report No.: SEWA2309000114RG02

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N25	15	40	DFT-256QAM	M	Inner_1RB_Right	18.46	18.71	33.00	PASS
N25	15	40	DFT-256QAM	M	Outer_Full	19.00	19.25	33.00	PASS
N25	15	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.50	23.75	33.00	PASS
N25	15	40	DFT-PI2BPSK	H	Inner_1RB_Right	23.37	23.62	33.00	PASS
N25	15	40	DFT-PI2BPSK	H	Outer_Full	22.94	23.19	33.00	PASS
N25	15	40	DFT-QPSK	H	Inner_1RB_Left	23.33	23.58	33.00	PASS
N25	15	40	DFT-QPSK	H	Inner_1RB_Right	23.29	23.54	33.00	PASS
N25	15	40	DFT-QPSK	H	Outer_Full	22.43	22.68	33.00	PASS
N25	15	40	DFT-16QAM	H	Inner_1RB_Left	22.41	22.66	33.00	PASS
N25	15	40	DFT-16QAM	H	Inner_1RB_Right	22.38	22.63	33.00	PASS
N25	15	40	DFT-16QAM	H	Outer_Full	21.44	21.69	33.00	PASS
N25	15	40	DFT-64QAM	H	Inner_1RB_Left	21.11	21.36	33.00	PASS
N25	15	40	DFT-64QAM	H	Inner_1RB_Right	21.00	21.25	33.00	PASS
N25	15	40	DFT-64QAM	H	Outer_Full	20.94	21.19	33.00	PASS
N25	15	40	DFT-256QAM	H	Inner_1RB_Left	18.46	18.71	33.00	PASS
N25	15	40	DFT-256QAM	H	Inner_1RB_Right	18.44	18.69	33.00	PASS
N25	15	40	DFT-256QAM	H	Outer_Full	18.96	19.21	33.00	PASS



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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
 Wireless Laboratory

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Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N25	15	40	DFT-256QAM	L	Outer_Full	100%	0.00	9.17	≤13	PASS
N25	15	40	CP-256QAM	L	Outer_Full	100%	0.00	9.78	≤13	PASS
N25	15	40	DFT-256QAM	M	Outer_Full	100%	0.00	8.95	≤13	PASS
N25	15	40	CP-256QAM	M	Outer_Full	100%	0.00	9.25	≤13	PASS
N25	15	40	DFT-256QAM	H	Outer_Full	100%	0.00	8.81	≤13	PASS
N25	15	40	CP-256QAM	H	Outer_Full	100%	0.00	9.32	≤13	PASS



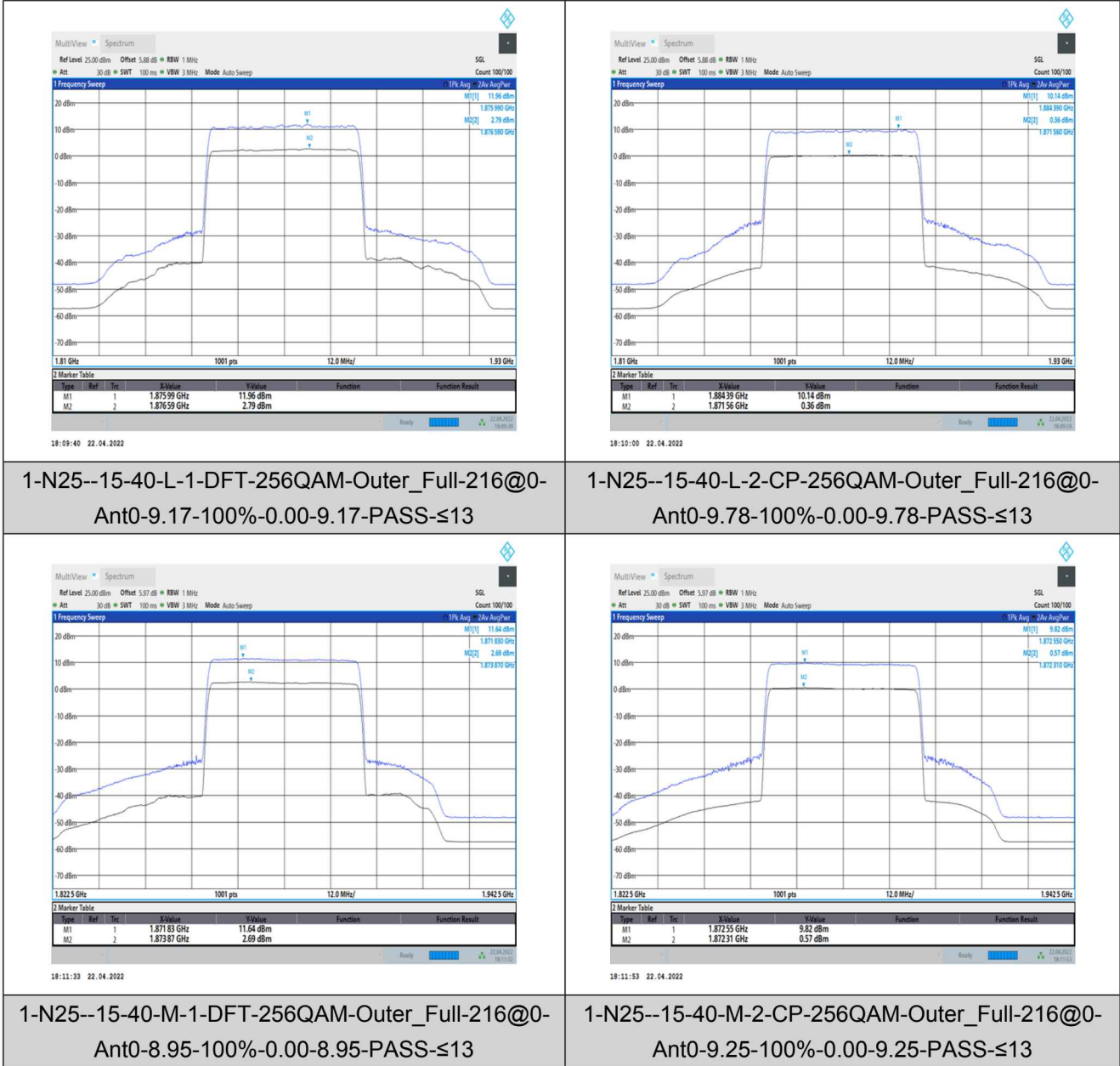
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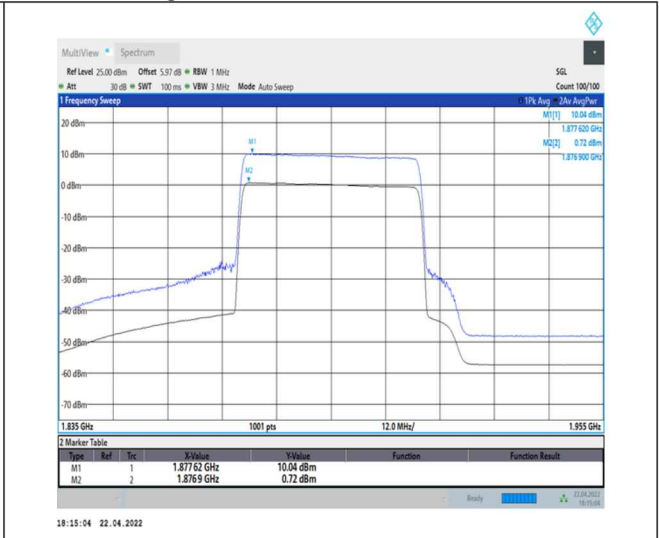
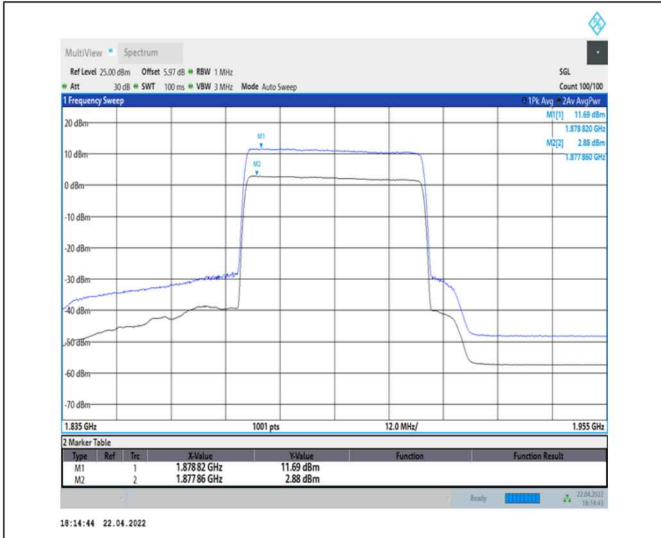
Test Graphs



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1-N25-15-40-H-1-DFT-256QAM-Outer_Full-216@0-Ant0-8.81-100%-0.00-8.81-PASS-≤13

1-N25-15-40-H-2-CP-256QAM-Outer_Full-216@0-Ant0-9.32-100%-0.00-9.32-PASS-≤13



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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N25	15	5	DFT-QPSK	L	Outer_Full	4.490	5.020	PASS
N25	15	5	DFT-PI2BPSK	L	Outer_Full	4.484	5.060	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	4.491	5.080	PASS
N25	15	5	DFT-64QAM	L	Outer_Full	4.486	5.050	PASS
N25	15	5	DFT-256QAM	L	Outer_Full	4.483	5.130	PASS
N25	15	5	CP-QPSK	L	Outer_Full	4.472	5.070	PASS
N25	15	5	CP-16QAM	L	Outer_Full	4.486	5.150	PASS
N25	15	5	CP-64QAM	L	Outer_Full	4.488	5.140	PASS
N25	15	5	CP-256QAM	L	Outer_Full	4.492	5.190	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	4.474	4.960	PASS
N25	15	5	DFT-PI2BPSK	M	Outer_Full	4.480	5.140	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	4.476	5.060	PASS
N25	15	5	DFT-64QAM	M	Outer_Full	4.478	5.110	PASS
N25	15	5	DFT-256QAM	M	Outer_Full	4.476	5.070	PASS
N25	15	5	CP-QPSK	M	Outer_Full	4.490	5.210	PASS
N25	15	5	CP-16QAM	M	Outer_Full	4.483	5.120	PASS
N25	15	5	CP-64QAM	M	Outer_Full	4.487	5.180	PASS
N25	15	5	CP-256QAM	M	Outer_Full	4.490	5.160	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	4.484	5.000	PASS
N25	15	5	DFT-PI2BPSK	H	Outer_Full	4.473	5.060	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	4.484	5.050	PASS
N25	15	5	DFT-64QAM	H	Outer_Full	4.486	5.150	PASS
N25	15	5	DFT-256QAM	H	Outer_Full	4.487	5.120	PASS
N25	15	5	CP-QPSK	H	Outer_Full	4.474	5.160	PASS
N25	15	5	CP-16QAM	H	Outer_Full	4.474	5.080	PASS
N25	15	5	CP-64QAM	H	Outer_Full	4.481	5.160	PASS
N25	15	5	CP-256QAM	H	Outer_Full	4.494	5.200	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	8.956	9.740	PASS
N25	15	10	DFT-PI2BPSK	L	Outer_Full	8.938	9.820	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	8.955	9.700	PASS
N25	15	10	DFT-64QAM	L	Outer_Full	8.948	9.720	PASS



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N25	15	10	DFT-256QAM	L	Outer_Full	8.943	9.620	PASS
N25	15	10	CP-QPSK	L	Outer_Full	9.321	10.320	PASS
N25	15	10	CP-16QAM	L	Outer_Full	9.297	10.200	PASS
N25	15	10	CP-64QAM	L	Outer_Full	9.320	10.320	PASS
N25	15	10	CP-256QAM	L	Outer_Full	9.306	10.160	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	8.948	9.660	PASS
N25	15	10	DFT-PI2BPSK	M	Outer_Full	8.935	9.680	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	8.947	9.680	PASS
N25	15	10	DFT-64QAM	M	Outer_Full	8.943	9.760	PASS
N25	15	10	DFT-256QAM	M	Outer_Full	8.952	9.760	PASS
N25	15	10	CP-QPSK	M	Outer_Full	9.321	10.320	PASS
N25	15	10	CP-16QAM	M	Outer_Full	9.297	10.180	PASS
N25	15	10	CP-64QAM	M	Outer_Full	9.310	10.160	PASS
N25	15	10	CP-256QAM	M	Outer_Full	9.299	10.160	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	8.941	9.680	PASS
N25	15	10	DFT-PI2BPSK	H	Outer_Full	8.923	9.700	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	8.942	9.620	PASS
N25	15	10	DFT-64QAM	H	Outer_Full	8.944	9.720	PASS
N25	15	10	DFT-256QAM	H	Outer_Full	8.957	9.800	PASS
N25	15	10	CP-QPSK	H	Outer_Full	9.285	10.200	PASS
N25	15	10	CP-16QAM	H	Outer_Full	9.292	10.180	PASS
N25	15	10	CP-64QAM	H	Outer_Full	9.302	10.240	PASS
N25	15	10	CP-256QAM	H	Outer_Full	9.294	10.180	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	13.506	14.460	PASS
N25	15	15	DFT-PI2BPSK	L	Outer_Full	13.438	14.460	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	13.456	14.550	PASS
N25	15	15	DFT-64QAM	L	Outer_Full	13.425	14.460	PASS
N25	15	15	DFT-256QAM	L	Outer_Full	13.448	14.580	PASS
N25	15	15	CP-QPSK	L	Outer_Full	14.125	15.210	PASS
N25	15	15	CP-16QAM	L	Outer_Full	14.129	15.300	PASS
N25	15	15	CP-64QAM	L	Outer_Full	14.143	15.120	PASS
N25	15	15	CP-256QAM	L	Outer_Full	14.144	15.270	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	13.503	14.490	PASS
N25	15	15	DFT-PI2BPSK	M	Outer_Full	13.455	14.550	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	13.452	14.520	PASS
N25	15	15	DFT-64QAM	M	Outer_Full	13.426	14.520	PASS
N25	15	15	DFT-256QAM	M	Outer_Full	13.440	14.520	PASS
N25	15	15	CP-QPSK	M	Outer_Full	14.133	15.210	PASS



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N25	15	15	CP-16QAM	M	Outer_Full	14.131	15.210	PASS
N25	15	15	CP-64QAM	M	Outer_Full	14.153	15.210	PASS
N25	15	15	CP-256QAM	M	Outer_Full	14.145	15.270	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	13.490	14.400	PASS
N25	15	15	DFT-PI2BPSK	H	Outer_Full	13.440	14.550	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	13.441	14.490	PASS
N25	15	15	DFT-64QAM	H	Outer_Full	13.427	14.520	PASS
N25	15	15	DFT-256QAM	H	Outer_Full	13.429	14.460	PASS
N25	15	15	CP-QPSK	H	Outer_Full	14.131	15.270	PASS
N25	15	15	CP-16QAM	H	Outer_Full	14.115	15.150	PASS
N25	15	15	CP-64QAM	H	Outer_Full	14.148	15.210	PASS
N25	15	15	CP-256QAM	H	Outer_Full	14.138	15.210	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	17.855	18.920	PASS
N25	15	20	DFT-PI2BPSK	L	Outer_Full	17.867	19.000	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	17.879	18.920	PASS
N25	15	20	DFT-64QAM	L	Outer_Full	17.857	19.000	PASS
N25	15	20	DFT-256QAM	L	Outer_Full	17.887	18.920	PASS
N25	15	20	CP-QPSK	L	Outer_Full	18.932	20.160	PASS
N25	15	20	CP-16QAM	L	Outer_Full	18.963	20.160	PASS
N25	15	20	CP-64QAM	L	Outer_Full	18.939	20.160	PASS
N25	15	20	CP-256QAM	L	Outer_Full	18.926	20.080	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	17.861	18.960	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	17.873	19.000	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	17.902	19.000	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	17.860	19.080	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	17.906	19.040	PASS
N25	15	20	CP-QPSK	M	Outer_Full	18.943	20.160	PASS
N25	15	20	CP-16QAM	M	Outer_Full	18.943	20.120	PASS
N25	15	20	CP-64QAM	M	Outer_Full	18.926	20.120	PASS
N25	15	20	CP-256QAM	M	Outer_Full	18.948	20.120	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	17.848	18.920	PASS
N25	15	20	DFT-PI2BPSK	H	Outer_Full	17.867	18.960	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	17.876	19.040	PASS
N25	15	20	DFT-64QAM	H	Outer_Full	17.853	19.080	PASS
N25	15	20	DFT-256QAM	H	Outer_Full	17.887	19.040	PASS
N25	15	20	CP-QPSK	H	Outer_Full	18.908	20.120	PASS
N25	15	20	CP-16QAM	H	Outer_Full	18.937	20.200	PASS
N25	15	20	CP-64QAM	H	Outer_Full	18.914	20.080	PASS



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N25	15	20	CP-256QAM	H	Outer_Full	18.899	20.040	PASS
N25	15	25	DFT-QPSK	L	Outer_Full	22.884	23.900	PASS
N25	15	25	DFT-PI2BPSK	L	Outer_Full	22.875	23.900	PASS
N25	15	25	DFT-16QAM	L	Outer_Full	22.919	23.850	PASS
N25	15	25	DFT-64QAM	L	Outer_Full	22.899	23.900	PASS
N25	15	25	DFT-256QAM	L	Outer_Full	22.899	24.200	PASS
N25	15	25	CP-QPSK	L	Outer_Full	23.782	25.100	PASS
N25	15	25	CP-16QAM	L	Outer_Full	23.812	25.050	PASS
N25	15	25	CP-64QAM	L	Outer_Full	23.769	24.850	PASS
N25	15	25	CP-256QAM	L	Outer_Full	23.760	24.950	PASS
N25	15	25	DFT-QPSK	M	Outer_Full	22.890	24.000	PASS
N25	15	25	DFT-PI2BPSK	M	Outer_Full	22.863	23.900	PASS
N25	15	25	DFT-16QAM	M	Outer_Full	22.883	24.000	PASS
N25	15	25	DFT-64QAM	M	Outer_Full	22.886	24.000	PASS
N25	15	25	DFT-256QAM	M	Outer_Full	22.885	23.850	PASS
N25	15	25	CP-QPSK	M	Outer_Full	23.735	25.000	PASS
N25	15	25	CP-16QAM	M	Outer_Full	23.768	24.850	PASS
N25	15	25	CP-64QAM	M	Outer_Full	23.733	24.900	PASS
N25	15	25	CP-256QAM	M	Outer_Full	23.751	24.950	PASS
N25	15	25	DFT-QPSK	H	Outer_Full	22.898	24.000	PASS
N25	15	25	DFT-PI2BPSK	H	Outer_Full	22.891	23.900	PASS
N25	15	25	DFT-16QAM	H	Outer_Full	22.891	23.900	PASS
N25	15	25	DFT-64QAM	H	Outer_Full	22.867	23.900	PASS
N25	15	25	DFT-256QAM	H	Outer_Full	22.902	24.000	PASS
N25	15	25	CP-QPSK	H	Outer_Full	23.741	24.850	PASS
N25	15	25	CP-16QAM	H	Outer_Full	23.801	25.000	PASS
N25	15	25	CP-64QAM	H	Outer_Full	23.745	24.750	PASS
N25	15	25	CP-256QAM	H	Outer_Full	23.718	24.900	PASS
N25	15	30	DFT-QPSK	L	Outer_Full	28.571	29.580	PASS
N25	15	30	DFT-PI2BPSK	L	Outer_Full	28.586	29.700	PASS
N25	15	30	DFT-16QAM	L	Outer_Full	28.649	29.640	PASS
N25	15	30	DFT-64QAM	L	Outer_Full	28.596	29.880	PASS
N25	15	30	DFT-256QAM	L	Outer_Full	28.568	29.760	PASS
N25	15	30	CP-QPSK	L	Outer_Full	28.505	31.080	PASS
N25	15	30	CP-16QAM	L	Outer_Full	28.631	29.760	PASS
N25	15	30	CP-64QAM	L	Outer_Full	28.571	29.880	PASS
N25	15	30	CP-256QAM	L	Outer_Full	28.538	29.820	PASS
N25	15	30	DFT-QPSK	M	Outer_Full	28.594	29.880	PASS



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N25	15	30	DFT-PI2BPSK	M	Outer_Full	28.654	29.760	PASS
N25	15	30	DFT-16QAM	M	Outer_Full	28.584	29.580	PASS
N25	15	30	DFT-64QAM	M	Outer_Full	28.551	29.640	PASS
N25	15	30	DFT-256QAM	M	Outer_Full	28.597	29.820	PASS
N25	15	30	CP-QPSK	M	Outer_Full	28.555	30.540	PASS
N25	15	30	CP-16QAM	M	Outer_Full	28.547	29.640	PASS
N25	15	30	CP-64QAM	M	Outer_Full	28.507	29.940	PASS
N25	15	30	CP-256QAM	M	Outer_Full	28.484	29.760	PASS
N25	15	30	DFT-QPSK	H	Outer_Full	28.583	29.760	PASS
N25	15	30	DFT-PI2BPSK	H	Outer_Full	28.585	29.820	PASS
N25	15	30	DFT-16QAM	H	Outer_Full	28.568	29.760	PASS
N25	15	30	DFT-64QAM	H	Outer_Full	28.580	29.820	PASS
N25	15	30	DFT-256QAM	H	Outer_Full	28.559	29.820	PASS
N25	15	30	CP-QPSK	H	Outer_Full	28.538	29.640	PASS
N25	15	30	CP-16QAM	H	Outer_Full	28.558	29.820	PASS
N25	15	30	CP-64QAM	H	Outer_Full	28.530	29.640	PASS
N25	15	30	CP-256QAM	H	Outer_Full	28.478	29.580	PASS
N25	15	40	DFT-QPSK	L	Outer_Full	38.619	40.240	PASS
N25	15	40	DFT-PI2BPSK	L	Outer_Full	38.58	40.160	PASS
N25	15	40	DFT-16QAM	L	Outer_Full	38.641	40.240	PASS
N25	15	40	DFT-64QAM	L	Outer_Full	38.586	40.320	PASS
N25	15	40	DFT-256QAM	L	Outer_Full	38.553	40.240	PASS
N25	15	40	CP-QPSK	L	Outer_Full	38.624	40.160	PASS
N25	15	40	CP-16QAM	L	Outer_Full	38.551	40.240	PASS
N25	15	40	CP-64QAM	L	Outer_Full	38.569	40.160	PASS
N25	15	40	CP-256QAM	L	Outer_Full	38.495	40.240	PASS
N25	15	40	DFT-QPSK	M	Outer_Full	38.559	40.240	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	38.478	40.240	PASS
N25	15	40	DFT-16QAM	M	Outer_Full	38.547	40.240	PASS
N25	15	40	DFT-64QAM	M	Outer_Full	38.604	40.160	PASS
N25	15	40	DFT-256QAM	M	Outer_Full	38.507	40.240	PASS
N25	15	40	CP-QPSK	M	Outer_Full	38.592	40.240	PASS
N25	15	40	CP-16QAM	M	Outer_Full	38.432	40.160	PASS
N25	15	40	CP-64QAM	M	Outer_Full	38.512	40.240	PASS
N25	15	40	CP-256QAM	M	Outer_Full	38.607	40.160	PASS
N25	15	40	DFT-QPSK	H	Outer_Full	38.498	40.240	PASS
N25	15	40	DFT-PI2BPSK	H	Outer_Full	38.503	40.240	PASS
N25	15	40	DFT-16QAM	H	Outer_Full	38.532	40.240	PASS



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N25	15	40	DFT-64QAM	H	Outer_Full	38.552	40.320	PASS
N25	15	40	DFT-256QAM	H	Outer_Full	38.405	40.160	PASS
N25	15	40	CP-QPSK	H	Outer_Full	38.560	40.160	PASS
N25	15	40	CP-16QAM	H	Outer_Full	38.552	40.240	PASS
N25	15	40	CP-64QAM	H	Outer_Full	38.499	40.240	PASS
N25	15	40	CP-256QAM	H	Outer_Full	38.506	40.160	PASS

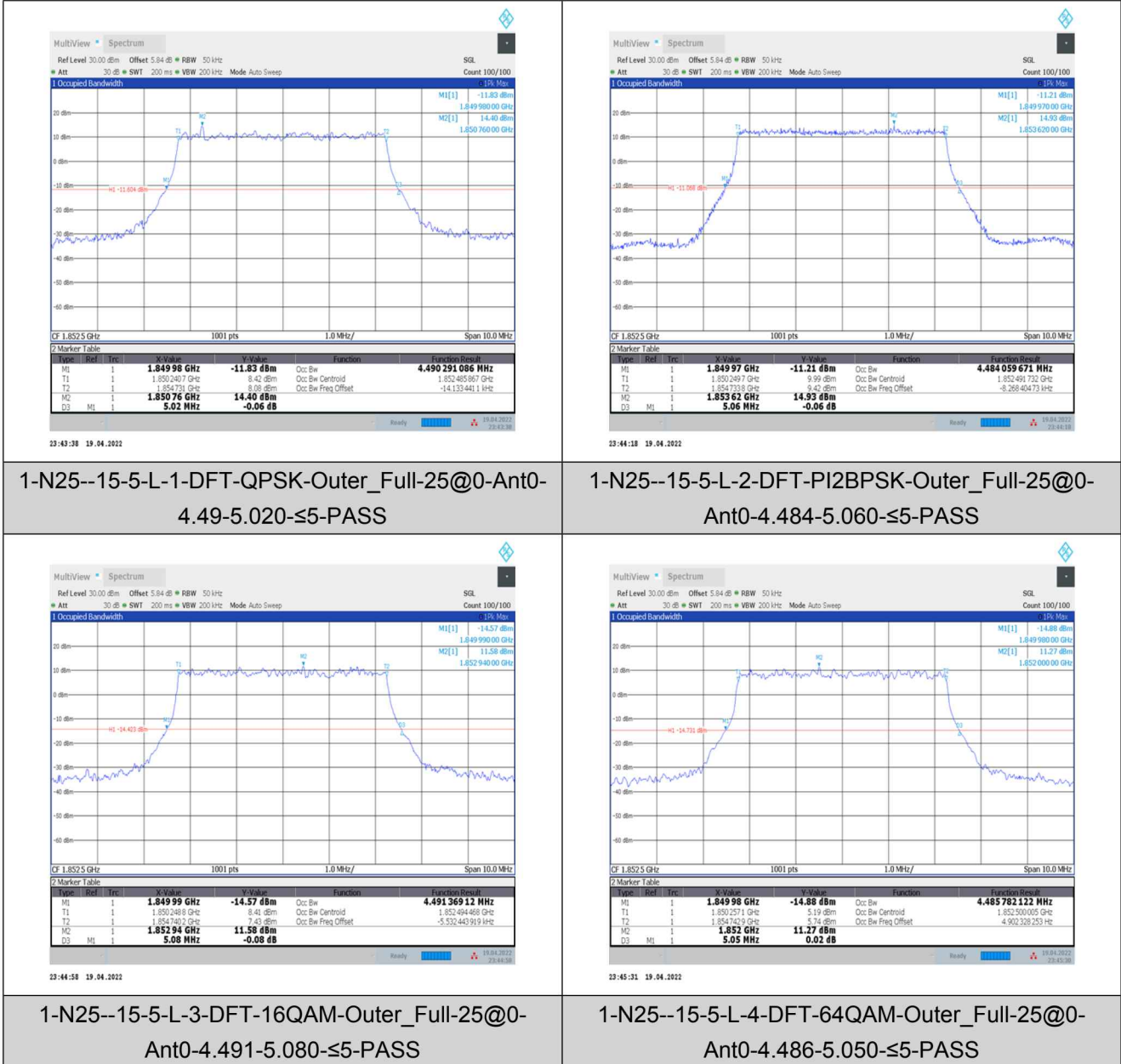


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Test Graphs



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