

Report No.: SEWA2309000114RG02

Rev.: 01

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N77-3700-3980	30	100	CP-64QAM	H	Inner_1RB_Right	20.16	19.13	22.69	23.69	PASS
N77-3700-3980	30	100	CP-64QAM	H	Outer_Full	20.16	19.5	22.85	23.85	PASS
N77-3700-3980	30	100	CP-256QAM	H	Inner_1RB_Left	17.79	16.69	20.29	21.29	PASS
N77-3700-3980	30	100	CP-256QAM	H	Inner_1RB_Right	17.24	16.21	19.77	20.77	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	17.44	16.43	19.97	20.97	PASS



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Wireless Laboratory

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Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	9.83	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	10.38	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	9.89	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	10.30	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	9.38	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	10.19	≤13	PASS

Test Result for MIMO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	19.6%	7.08	2.60	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	19.6%	7.08	2.93	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	19.6%	7.08	2.55	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	19.6%	7.08	2.14	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	19.6%	7.08	2.48	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	19.6%	7.08	2.83	≤13	PASS

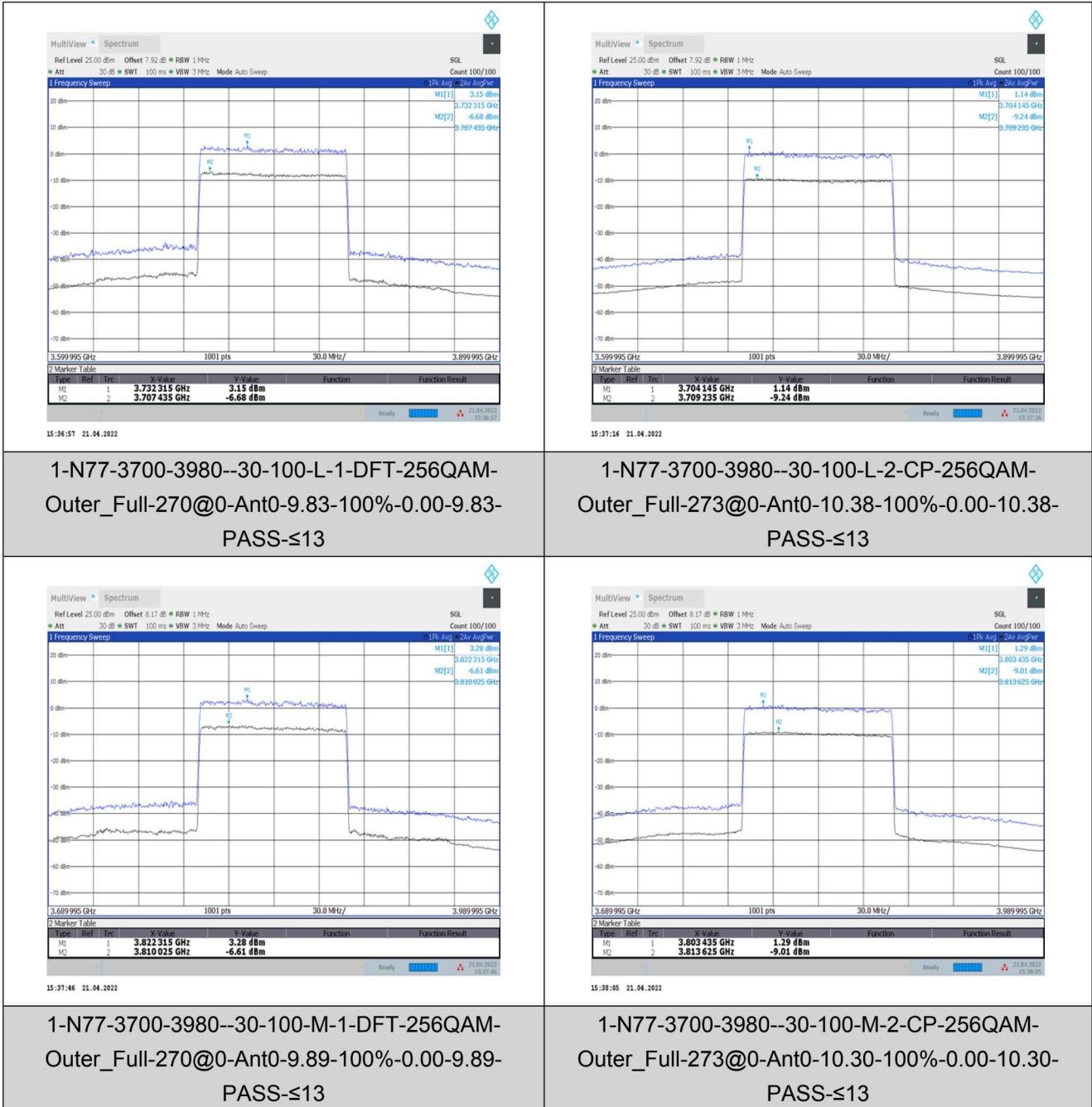


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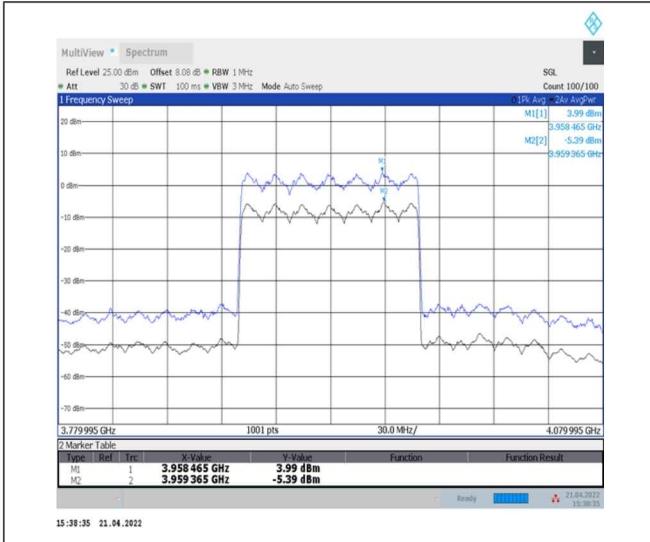
Test Graphs



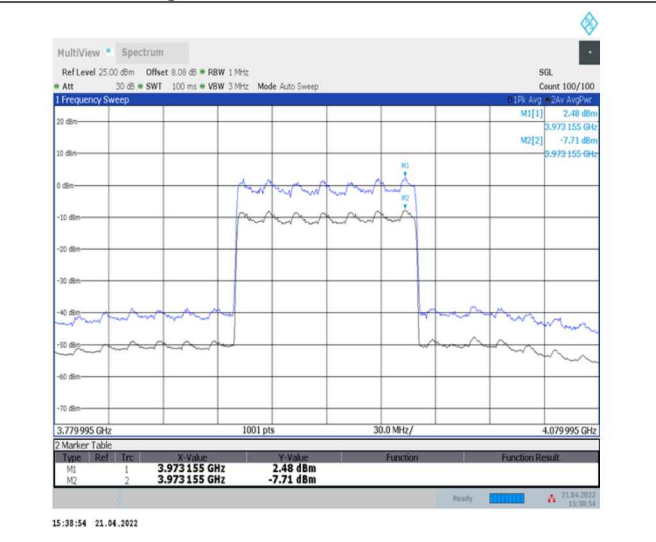
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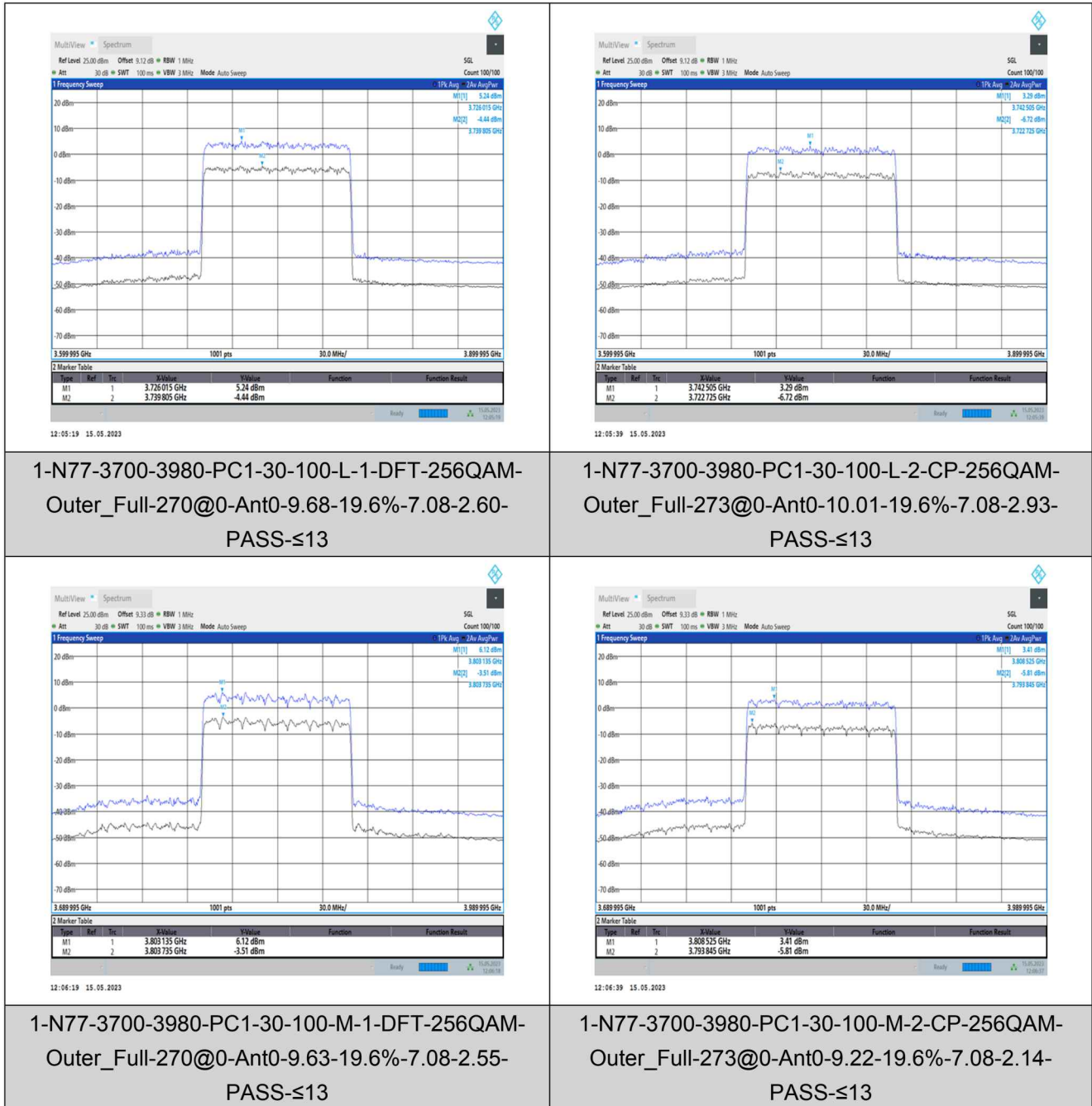
1-N77-3700-3980--30-100-H-1-DFT-256QAM-Outer_Full-270@0-Ant0-9.38-100%-0.00-9.38-PASS-≤13



1-N77-3700-3980--30-100-H-2-CP-256QAM-Outer_Full-273@0-Ant0-10.19-100%-0.00-10.19-PASS-≤13



Test Graphs for MIMO



1-N77-3700-3980-PC1-30-100-L-1-DFT-256QAM-Outer_Full-270@0-Ant0-9.68-19.6%-7.08-2.60-PASS-≤13

1-N77-3700-3980-PC1-30-100-L-2-CP-256QAM-Outer_Full-273@0-Ant0-10.01-19.6%-7.08-2.93-PASS-≤13

1-N77-3700-3980-PC1-30-100-M-1-DFT-256QAM-Outer_Full-270@0-Ant0-9.63-19.6%-7.08-2.55-PASS-≤13

1-N77-3700-3980-PC1-30-100-M-2-CP-256QAM-Outer_Full-273@0-Ant0-9.22-19.6%-7.08-2.14-PASS-≤13

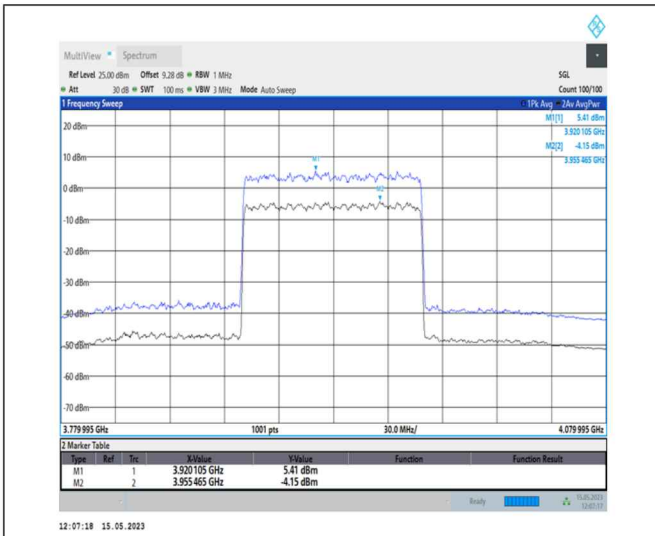


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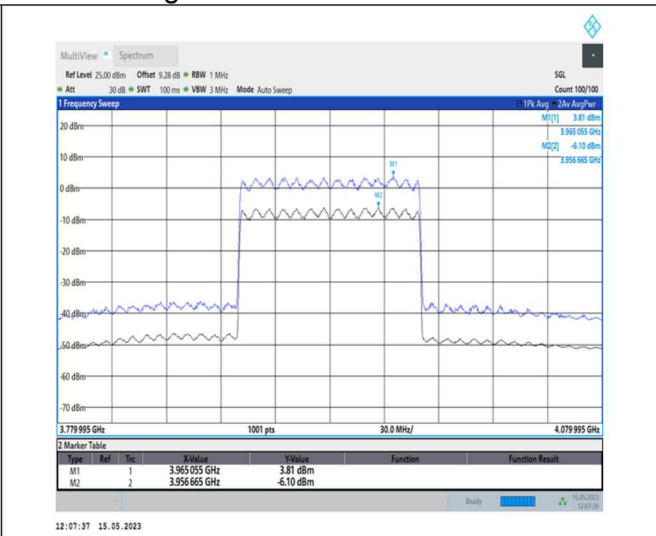
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1-N77-3700-3980-PC1-30-100-H-1-DFT-256QAM-Outer_Full-270@0-Ant0-9.56-19.6%-7.08-2.48-PASS-≤13



1-N77-3700-3980-PC1-30-100-H-2-CP-256QAM-Outer_Full-273@0-Ant0-9.91-19.6%-7.08-2.83-PASS-≤13



26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	8.628	9.580	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	8.569	9.220	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	8.620	9.640	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	8.567	9.580	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	8.548	9.640	PASS
N77-3700-3980	30	10	CP-QPSK	L	Outer_Full	8.624	9.620	PASS
N77-3700-3980	30	10	CP-16QAM	L	Outer_Full	8.597	9.180	PASS
N77-3700-3980	30	10	CP-64QAM	L	Outer_Full	8.611	9.740	PASS
N77-3700-3980	30	10	CP-256QAM	L	Outer_Full	8.591	9.780	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	8.598	9.840	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.581	9.420	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	8.630	9.380	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	8.592	9.440	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.545	9.540	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	8.598	9.820	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	8.608	9.820	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	8.591	9.780	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	8.593	9.420	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	8.586	9.240	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	8.560	9.420	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	8.567	9.380	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	8.595	9.300	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	8.564	9.560	PASS
N77-3700-3980	30	10	CP-QPSK	H	Outer_Full	8.589	9.600	PASS
N77-3700-3980	30	10	CP-16QAM	H	Outer_Full	8.599	9.840	PASS
N77-3700-3980	30	10	CP-64QAM	H	Outer_Full	8.604	9.760	PASS
N77-3700-3980	30	10	CP-256QAM	H	Outer_Full	8.571	9.460	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	12.905	14.250	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	12.865	14.250	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	12.825	13.920	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	12.889	13.740	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	12.852	13.740	PASS



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N77-3700-3980	30	15	CP-QPSK	L	Outer_Full	13.611	15.030	PASS
N77-3700-3980	30	15	CP-16QAM	L	Outer_Full	13.597	14.760	PASS
N77-3700-3980	30	15	CP-64QAM	L	Outer_Full	13.579	14.640	PASS
N77-3700-3980	30	15	CP-256QAM	L	Outer_Full	13.551	14.700	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	12.875	14.160	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	12.848	14.130	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	12.800	14.250	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	12.868	14.340	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	12.866	14.070	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	13.579	14.580	PASS
N77-3700-3980	30	15	CP-16QAM	M	Outer_Full	13.560	14.670	PASS
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	13.659	15.210	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	13.579	14.310	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	12.857	13.620	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	12.84	14.070	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	12.866	14.310	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	12.874	14.250	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	12.861	14.340	PASS
N77-3700-3980	30	15	CP-QPSK	H	Outer_Full	13.532	14.730	PASS
N77-3700-3980	30	15	CP-16QAM	H	Outer_Full	13.589	14.850	PASS
N77-3700-3980	30	15	CP-64QAM	H	Outer_Full	13.552	14.820	PASS
N77-3700-3980	30	15	CP-256QAM	H	Outer_Full	13.605	15.090	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	17.775	18.840	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	17.753	18.880	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	17.788	18.840	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	17.778	18.960	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	17.852	18.960	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	18.183	19.280	PASS
N77-3700-3980	30	20	CP-16QAM	L	Outer_Full	18.239	19.800	PASS
N77-3700-3980	30	20	CP-64QAM	L	Outer_Full	18.215	19.520	PASS
N77-3700-3980	30	20	CP-256QAM	L	Outer_Full	18.164	19.480	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	17.660	18.920	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.817	19.160	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	17.770	18.800	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	17.842	19.200	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	17.833	19.000	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	18.153	19.320	PASS
N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	18.191	19.360	PASS



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N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	18.248	19.720	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	18.242	19.360	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	17.876	18.840	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	17.851	19.080	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	17.804	19.120	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	17.820	18.680	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	17.856	18.920	PASS
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	18.206	19.440	PASS
N77-3700-3980	30	20	CP-16QAM	H	Outer_Full	18.190	19.520	PASS
N77-3700-3980	30	20	CP-64QAM	H	Outer_Full	18.248	19.280	PASS
N77-3700-3980	30	20	CP-256QAM	H	Outer_Full	18.214	19.320	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Outer_Full	26.886	28.380	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Outer_Full	26.744	28.140	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Outer_Full	26.795	28.380	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Outer_Full	26.809	28.380	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Outer_Full	26.784	28.380	PASS
N77-3700-3980	30	30	CP-QPSK	L	Outer_Full	27.859	29.700	PASS
N77-3700-3980	30	30	CP-16QAM	L	Outer_Full	27.782	29.220	PASS
N77-3700-3980	30	30	CP-64QAM	L	Outer_Full	27.833	29.400	PASS
N77-3700-3980	30	30	CP-256QAM	L	Outer_Full	27.852	28.980	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	26.857	28.440	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Outer_Full	26.710	28.020	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Outer_Full	26.770	27.780	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Outer_Full	26.747	28.140	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Outer_Full	26.842	28.020	PASS
N77-3700-3980	30	30	CP-QPSK	M	Outer_Full	27.809	29.220	PASS
N77-3700-3980	30	30	CP-16QAM	M	Outer_Full	27.893	29.160	PASS
N77-3700-3980	30	30	CP-64QAM	M	Outer_Full	27.843	29.280	PASS
N77-3700-3980	30	30	CP-256QAM	M	Outer_Full	27.798	29.220	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Outer_Full	26.826	28.500	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Outer_Full	26.774	28.200	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Outer_Full	26.665	28.380	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Outer_Full	26.756	28.620	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Outer_Full	26.788	28.320	PASS
N77-3700-3980	30	30	CP-QPSK	H	Outer_Full	27.806	29.460	PASS
N77-3700-3980	30	30	CP-16QAM	H	Outer_Full	27.85	29.040	PASS
N77-3700-3980	30	30	CP-64QAM	H	Outer_Full	27.794	29.100	PASS
N77-3700-3980	30	30	CP-256QAM	H	Outer_Full	27.825	29.280	PASS



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N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	35.818	37.680	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	35.776	37.840	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	35.643	37.280	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	35.791	37.760	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	35.765	37.200	PASS
N77-3700-3980	30	40	CP-QPSK	L	Outer_Full	37.912	39.680	PASS
N77-3700-3980	30	40	CP-16QAM	L	Outer_Full	37.895	39.360	PASS
N77-3700-3980	30	40	CP-64QAM	L	Outer_Full	37.849	39.840	PASS
N77-3700-3980	30	40	CP-256QAM	L	Outer_Full	37.853	39.680	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	35.718	37.840	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.824	37.280	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	35.847	38.080	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	35.834	37.360	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	35.784	37.440	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	37.813	39.840	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	37.803	39.520	PASS
N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	37.826	39.600	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	37.710	39.440	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	35.792	37.680	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	35.784	37.920	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	35.662	37.600	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	35.729	37.760	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	35.616	37.680	PASS
N77-3700-3980	30	40	CP-QPSK	H	Outer_Full	37.742	39.840	PASS
N77-3700-3980	30	40	CP-16QAM	H	Outer_Full	37.823	39.760	PASS
N77-3700-3980	30	40	CP-64QAM	H	Outer_Full	37.892	39.840	PASS
N77-3700-3980	30	40	CP-256QAM	H	Outer_Full	37.692	40.160	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	45.778	48.000	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	45.567	47.500	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	45.628	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	45.669	47.700	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	45.651	48.100	PASS
N77-3700-3980	30	50	CP-QPSK	L	Outer_Full	47.326	49.600	PASS
N77-3700-3980	30	50	CP-16QAM	L	Outer_Full	47.468	49.300	PASS
N77-3700-3980	30	50	CP-64QAM	L	Outer_Full	47.472	50.000	PASS
N77-3700-3980	30	50	CP-256QAM	L	Outer_Full	47.286	49.200	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	45.668	47.900	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.741	47.400	PASS



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N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	45.588	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	45.591	47.500	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	45.772	47.400	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	47.429	49.300	PASS
N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	47.375	49.400	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	47.529	49.600	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	47.381	49.200	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	45.751	47.900	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	45.652	47.500	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	45.677	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	45.645	48.100	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	45.762	47.500	PASS
N77-3700-3980	30	50	CP-QPSK	H	Outer_Full	47.473	49.000	PASS
N77-3700-3980	30	50	CP-16QAM	H	Outer_Full	47.484	49.600	PASS
N77-3700-3980	30	50	CP-64QAM	H	Outer_Full	47.345	49.900	PASS
N77-3700-3980	30	50	CP-256QAM	H	Outer_Full	47.494	49.400	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	57.736	59.880	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	57.711	59.640	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	57.848	59.880	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	57.775	60.120	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	57.802	60.120	PASS
N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	57.576	59.880	PASS
N77-3700-3980	30	60	CP-16QAM	L	Outer_Full	57.956	60.240	PASS
N77-3700-3980	30	60	CP-64QAM	L	Outer_Full	57.727	59.880	PASS
N77-3700-3980	30	60	CP-256QAM	L	Outer_Full	57.530	59.640	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	57.836	59.880	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.792	59.520	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	57.599	59.760	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	58.009	60.000	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	58.033	60.240	PASS
N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	57.755	60.120	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	57.692	59.760	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	57.489	59.640	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	57.863	60.000	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	57.938	59.880	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	57.985	60.120	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	57.925	60.240	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	57.943	60.000	PASS



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