

Report No.: SEWA2309000114RG02

Rev.: 01

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3800						6		7	7	S
N78-3700-3800	30	100	CP-256QAM	H	Inner_1RB_Left	16.98	15.76	19.42	20.42	PAS S
N78-3700-3800	30	100	CP-256QAM	H	Inner_1RB_Right	17.15	15.88	19.57	20.57	PAS S
N78-3700-3800	30	100	CP-256QAM	H	Outer_Full	17	15.92	19.5	20.5	PAS S



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## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N78-3700-3800	30	100	DFT-256QAM	L	Outer_Full	9.41	≤13	PASS
N78-3700-3800	30	100	CP-256QAM	L	Outer_Full	9.83	≤13	PASS
N78-3700-3800	30	100	DFT-256QAM	M	Outer_Full	9.59	≤13	PASS
N78-3700-3800	30	100	CP-256QAM	M	Outer_Full	10.04	≤13	PASS
N78-3700-3800	30	100	DFT-256QAM	H	Outer_Full	9.39	≤13	PASS
N78-3700-3800	30	100	CP-256QAM	H	Outer_Full	9.99	≤13	PASS

### Test Result for MIMO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N78-3700-3800	30	100	DFT-256QAM	L	Outer_Full	100%	0.00	9.95	≤13	PASS
N78-3700-3800	30	100	CP-256QAM	L	Outer_Full	100%	0.00	10.00	≤13	PASS
N78-3700-3800	30	100	DFT-256QAM	M	Outer_Full	100%	0.00	9.49	≤13	PASS
N78-3700-3800	30	100	CP-256QAM	M	Outer_Full	100%	0.00	9.76	≤13	PASS
N78-3700-3800	30	100	DFT-256QAM	H	Outer_Full	100%	0.00	9.76	≤13	PASS
N78-3700-3800	30	100	CP-256QAM	H	Outer_Full	100%	0.00	9.85	≤13	PASS

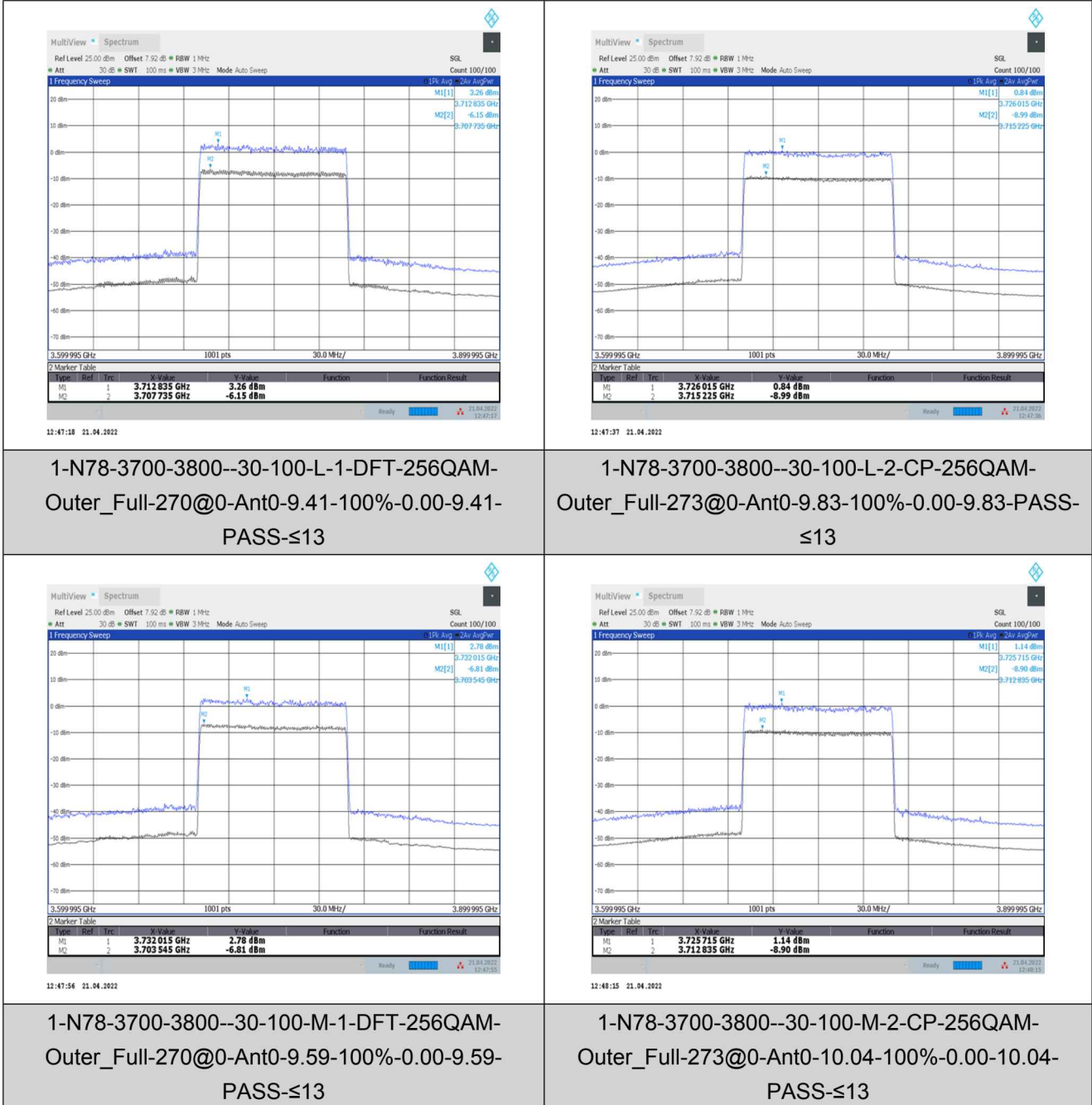


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Test Graphs





1-N78-3700-3800--30-100-H-1-DFT-256QAM-Outer\_Full-270@0-Ant0-9.39-100%-0.00-9.39-PASS-<math>\leq 13</math>

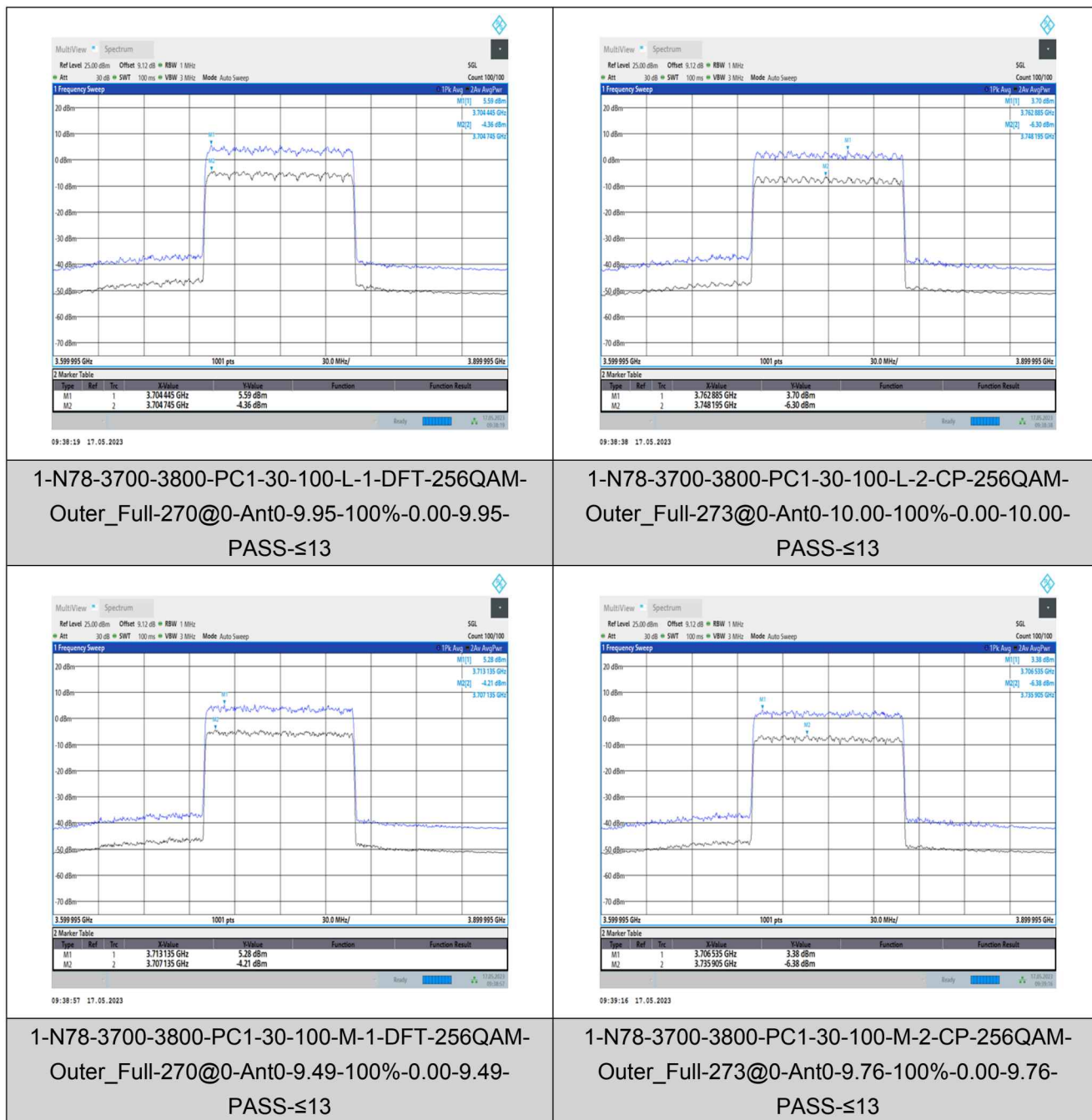
1-N78-3700-3800--30-100-H-2-CP-256QAM-Outer\_Full-273@0-Ant0-9.99-100%-0.00-9.99-PASS-<math>\leq 13</math>



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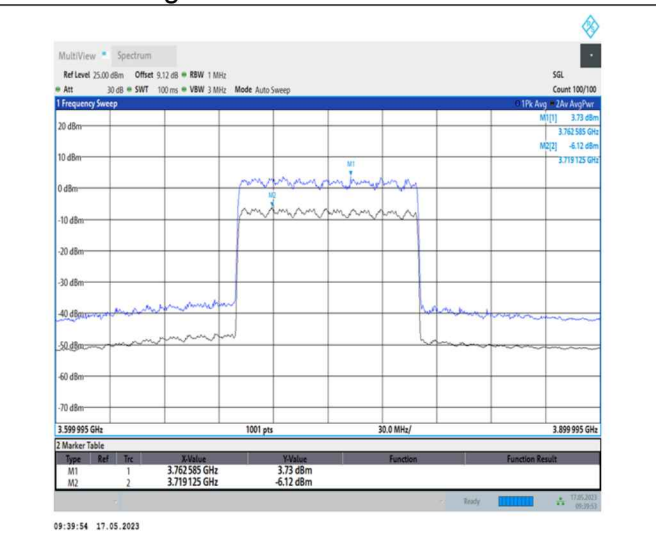
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Test Graphs for MIMO





1-N78-3700-3800-PC1-30-100-H-1-DFT-256QAM-Outer\_Full-270@0-Ant0-9.76-100%-0.00-9.76-PASS- $\leq 13$



1-N78-3700-3800-PC1-30-100-H-2-CP-256QAM-Outer\_Full-273@0-Ant0-9.85-100%-0.00-9.85-PASS- $\leq 13$



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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
N78-3700-3800	30	10	DFT-QPSK	L	Outer_Full	8.618	9.600	PASS
N78-3700-3800	30	10	DFT-PI2BPSK	L	Outer_Full	8.560	9.500	PASS
N78-3700-3800	30	10	DFT-16QAM	L	Outer_Full	8.609	9.440	PASS
N78-3700-3800	30	10	DFT-64QAM	L	Outer_Full	8.593	9.560	PASS
N78-3700-3800	30	10	DFT-256QAM	L	Outer_Full	8.581	9.200	PASS
N78-3700-3800	30	10	CP-QPSK	L	Outer_Full	8.609	9.800	PASS
N78-3700-3800	30	10	CP-16QAM	L	Outer_Full	8.591	9.900	PASS
N78-3700-3800	30	10	CP-64QAM	L	Outer_Full	8.595	9.900	PASS
N78-3700-3800	30	10	CP-256QAM	L	Outer_Full	8.550	9.320	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	8.583	9.600	PASS
N78-3700-3800	30	10	DFT-PI2BPSK	M	Outer_Full	8.559	9.080	PASS
N78-3700-3800	30	10	DFT-16QAM	M	Outer_Full	8.596	9.720	PASS
N78-3700-3800	30	10	DFT-64QAM	M	Outer_Full	8.563	9.660	PASS
N78-3700-3800	30	10	DFT-256QAM	M	Outer_Full	8.536	9.340	PASS
N78-3700-3800	30	10	CP-QPSK	M	Outer_Full	8.629	9.600	PASS
N78-3700-3800	30	10	CP-16QAM	M	Outer_Full	8.580	10.200	PASS
N78-3700-3800	30	10	CP-64QAM	M	Outer_Full	8.613	9.760	PASS
N78-3700-3800	30	10	CP-256QAM	M	Outer_Full	8.582	9.420	PASS
N78-3700-3800	30	10	DFT-QPSK	H	Outer_Full	8.583	9.060	PASS
N78-3700-3800	30	10	DFT-PI2BPSK	H	Outer_Full	8.573	9.420	PASS
N78-3700-3800	30	10	DFT-16QAM	H	Outer_Full	8.553	9.620	PASS
N78-3700-3800	30	10	DFT-64QAM	H	Outer_Full	8.584	9.420	PASS
N78-3700-3800	30	10	DFT-256QAM	H	Outer_Full	8.572	9.480	PASS
N78-3700-3800	30	10	CP-QPSK	H	Outer_Full	8.597	9.520	PASS
N78-3700-3800	30	10	CP-16QAM	H	Outer_Full	8.590	9.380	PASS
N78-3700-3800	30	10	CP-64QAM	H	Outer_Full	8.601	9.640	PASS
N78-3700-3800	30	10	CP-256QAM	H	Outer_Full	8.580	9.360	PASS
N78-3700-3800	30	15	DFT-QPSK	L	Outer_Full	12.828	14.160	PASS
N78-3700-3800	30	15	DFT-PI2BPSK	L	Outer_Full	12.883	14.100	PASS
N78-3700-3800	30	15	DFT-16QAM	L	Outer_Full	12.857	14.250	PASS
N78-3700-3800	30	15	DFT-64QAM	L	Outer_Full	12.843	13.650	PASS
N78-3700-3800	30	15	DFT-256QAM	L	Outer_Full	12.875	13.950	PASS



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N78-3700-3800	30	15	CP-QPSK	L	Outer_Full	13.582	14.790	PASS
N78-3700-3800	30	15	CP-16QAM	L	Outer_Full	13.622	14.850	PASS
N78-3700-3800	30	15	CP-64QAM	L	Outer_Full	13.613	14.850	PASS
N78-3700-3800	30	15	CP-256QAM	L	Outer_Full	13.564	14.850	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	12.786	13.740	PASS
N78-3700-3800	30	15	DFT-PI2BPSK	M	Outer_Full	12.935	14.070	PASS
N78-3700-3800	30	15	DFT-16QAM	M	Outer_Full	12.891	13.830	PASS
N78-3700-3800	30	15	DFT-64QAM	M	Outer_Full	12.822	14.100	PASS
N78-3700-3800	30	15	DFT-256QAM	M	Outer_Full	12.864	14.130	PASS
N78-3700-3800	30	15	CP-QPSK	M	Outer_Full	13.594	14.880	PASS
N78-3700-3800	30	15	CP-16QAM	M	Outer_Full	13.641	15.120	PASS
N78-3700-3800	30	15	CP-64QAM	M	Outer_Full	13.591	14.760	PASS
N78-3700-3800	30	15	CP-256QAM	M	Outer_Full	13.570	14.940	PASS
N78-3700-3800	30	15	DFT-QPSK	H	Outer_Full	12.879	14.040	PASS
N78-3700-3800	30	15	DFT-PI2BPSK	H	Outer_Full	12.927	14.010	PASS
N78-3700-3800	30	15	DFT-16QAM	H	Outer_Full	12.879	14.070	PASS
N78-3700-3800	30	15	DFT-64QAM	H	Outer_Full	12.895	13.740	PASS
N78-3700-3800	30	15	DFT-256QAM	H	Outer_Full	12.754	14.130	PASS
N78-3700-3800	30	15	CP-QPSK	H	Outer_Full	13.572	14.700	PASS
N78-3700-3800	30	15	CP-16QAM	H	Outer_Full	13.590	14.610	PASS
N78-3700-3800	30	15	CP-64QAM	H	Outer_Full	13.551	14.970	PASS
N78-3700-3800	30	15	CP-256QAM	H	Outer_Full	13.552	14.790	PASS
N78-3700-3800	30	20	DFT-QPSK	L	Outer_Full	17.874	19.080	PASS
N78-3700-3800	30	20	DFT-PI2BPSK	L	Outer_Full	17.881	19.760	PASS
N78-3700-3800	30	20	DFT-16QAM	L	Outer_Full	17.928	19.560	PASS
N78-3700-3800	30	20	DFT-64QAM	L	Outer_Full	17.794	19.160	PASS
N78-3700-3800	30	20	DFT-256QAM	L	Outer_Full	17.842	19.320	PASS
N78-3700-3800	30	20	CP-QPSK	L	Outer_Full	18.207	19.920	PASS
N78-3700-3800	30	20	CP-16QAM	L	Outer_Full	18.237	19.680	PASS
N78-3700-3800	30	20	CP-64QAM	L	Outer_Full	18.185	19.480	PASS
N78-3700-3800	30	20	CP-256QAM	L	Outer_Full	18.208	19.560	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	17.856	19.480	PASS
N78-3700-3800	30	20	DFT-PI2BPSK	M	Outer_Full	17.849	19.520	PASS
N78-3700-3800	30	20	DFT-16QAM	M	Outer_Full	17.809	19.160	PASS
N78-3700-3800	30	20	DFT-64QAM	M	Outer_Full	17.815	19.120	PASS
N78-3700-3800	30	20	DFT-256QAM	M	Outer_Full	17.871	19.520	PASS
N78-3700-3800	30	20	CP-QPSK	M	Outer_Full	18.220	19.560	PASS
N78-3700-3800	30	20	CP-16QAM	M	Outer_Full	18.223	19.840	PASS



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N78-3700-3800	30	20	CP-64QAM	M	Outer_Full	18.244	19.600	PASS
N78-3700-3800	30	20	CP-256QAM	M	Outer_Full	18.143	19.280	PASS
N78-3700-3800	30	20	DFT-QPSK	H	Outer_Full	17.897	19.440	PASS
N78-3700-3800	30	20	DFT-PI2BPSK	H	Outer_Full	17.845	19.000	PASS
N78-3700-3800	30	20	DFT-16QAM	H	Outer_Full	17.834	19.200	PASS
N78-3700-3800	30	20	DFT-64QAM	H	Outer_Full	17.904	19.000	PASS
N78-3700-3800	30	20	DFT-256QAM	H	Outer_Full	17.854	19.480	PASS
N78-3700-3800	30	20	CP-QPSK	H	Outer_Full	18.191	19.960	PASS
N78-3700-3800	30	20	CP-16QAM	H	Outer_Full	18.219	19.680	PASS
N78-3700-3800	30	20	CP-64QAM	H	Outer_Full	18.218	19.880	PASS
N78-3700-3800	30	20	CP-256QAM	H	Outer_Full	18.216	19.640	PASS
N78-3700-3800	30	30	DFT-QPSK	L	Outer_Full	26.830	28.920	PASS
N78-3700-3800	30	30	DFT-PI2BPSK	L	Outer_Full	26.812	28.800	PASS
N78-3700-3800	30	30	DFT-16QAM	L	Outer_Full	26.848	28.800	PASS
N78-3700-3800	30	30	DFT-64QAM	L	Outer_Full	26.825	28.860	PASS
N78-3700-3800	30	30	DFT-256QAM	L	Outer_Full	26.830	28.860	PASS
N78-3700-3800	30	30	CP-QPSK	L	Outer_Full	27.887	31.440	PASS
N78-3700-3800	30	30	CP-16QAM	L	Outer_Full	27.898	29.880	PASS
N78-3700-3800	30	30	CP-64QAM	L	Outer_Full	27.868	30.420	PASS
N78-3700-3800	30	30	CP-256QAM	L	Outer_Full	27.839	29.580	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	26.834	28.860	PASS
N78-3700-3800	30	30	DFT-PI2BPSK	M	Outer_Full	26.822	28.800	PASS
N78-3700-3800	30	30	DFT-16QAM	M	Outer_Full	26.864	28.860	PASS
N78-3700-3800	30	30	DFT-64QAM	M	Outer_Full	26.821	28.620	PASS
N78-3700-3800	30	30	DFT-256QAM	M	Outer_Full	26.834	28.920	PASS
N78-3700-3800	30	30	CP-QPSK	M	Outer_Full	27.880	30.120	PASS
N78-3700-3800	30	30	CP-16QAM	M	Outer_Full	27.887	29.820	PASS
N78-3700-3800	30	30	CP-64QAM	M	Outer_Full	27.868	29.760	PASS
N78-3700-3800	30	30	CP-256QAM	M	Outer_Full	27.846	29.700	PASS
N78-3700-3800	30	30	DFT-QPSK	H	Outer_Full	26.818	28.740	PASS
N78-3700-3800	30	30	DFT-PI2BPSK	H	Outer_Full	26.822	28.800	PASS
N78-3700-3800	30	30	DFT-16QAM	H	Outer_Full	26.865	28.860	PASS
N78-3700-3800	30	30	DFT-64QAM	H	Outer_Full	26.806	28.740	PASS
N78-3700-3800	30	30	DFT-256QAM	H	Outer_Full	26.824	28.920	PASS
N78-3700-3800	30	30	CP-QPSK	H	Outer_Full	27.846	30.180	PASS
N78-3700-3800	30	30	CP-16QAM	H	Outer_Full	27.863	29.880	PASS
N78-3700-3800	30	30	CP-64QAM	H	Outer_Full	27.866	29.700	PASS
N78-3700-3800	30	30	CP-256QAM	H	Outer_Full	27.847	29.880	PASS



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N78-3700-3800	30	40	DFT-QPSK	L	Outer_Full	35.736	38.320	PASS
N78-3700-3800	30	40	DFT-PI2BPSK	L	Outer_Full	35.758	38.000	PASS
N78-3700-3800	30	40	DFT-16QAM	L	Outer_Full	35.770	38.160	PASS
N78-3700-3800	30	40	DFT-64QAM	L	Outer_Full	35.869	38.000	PASS
N78-3700-3800	30	40	DFT-256QAM	L	Outer_Full	35.716	38.080	PASS
N78-3700-3800	30	40	CP-QPSK	L	Outer_Full	37.931	40.160	PASS
N78-3700-3800	30	40	CP-16QAM	L	Outer_Full	37.939	41.120	PASS
N78-3700-3800	30	40	CP-64QAM	L	Outer_Full	37.896	40.480	PASS
N78-3700-3800	30	40	CP-256QAM	L	Outer_Full	37.842	40.080	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	35.766	38.240	PASS
N78-3700-3800	30	40	DFT-PI2BPSK	M	Outer_Full	35.817	38.080	PASS
N78-3700-3800	30	40	DFT-16QAM	M	Outer_Full	35.757	38.240	PASS
N78-3700-3800	30	40	DFT-64QAM	M	Outer_Full	35.885	38.320	PASS
N78-3700-3800	30	40	DFT-256QAM	M	Outer_Full	35.739	38.160	PASS
N78-3700-3800	30	40	CP-QPSK	M	Outer_Full	37.954	40.400	PASS
N78-3700-3800	30	40	CP-16QAM	M	Outer_Full	37.914	40.400	PASS
N78-3700-3800	30	40	CP-64QAM	M	Outer_Full	37.913	40.480	PASS
N78-3700-3800	30	40	CP-256QAM	M	Outer_Full	37.88	40.400	PASS
N78-3700-3800	30	40	DFT-QPSK	H	Outer_Full	35.755	38.240	PASS
N78-3700-3800	30	40	DFT-PI2BPSK	H	Outer_Full	35.755	38.000	PASS
N78-3700-3800	30	40	DFT-16QAM	H	Outer_Full	35.738	38.160	PASS
N78-3700-3800	30	40	DFT-64QAM	H	Outer_Full	35.862	38.080	PASS
N78-3700-3800	30	40	DFT-256QAM	H	Outer_Full	35.713	37.920	PASS
N78-3700-3800	30	40	CP-QPSK	H	Outer_Full	37.895	40.320	PASS
N78-3700-3800	30	40	CP-16QAM	H	Outer_Full	37.874	40.480	PASS
N78-3700-3800	30	40	CP-64QAM	H	Outer_Full	37.860	40.480	PASS
N78-3700-3800	30	40	CP-256QAM	H	Outer_Full	37.879	40.400	PASS
N78-3700-3800	30	50	DFT-QPSK	L	Outer_Full	45.749	47.800	PASS
N78-3700-3800	30	50	DFT-PI2BPSK	L	Outer_Full	45.732	47.300	PASS
N78-3700-3800	30	50	DFT-16QAM	L	Outer_Full	45.607	47.400	PASS
N78-3700-3800	30	50	DFT-64QAM	L	Outer_Full	45.762	47.800	PASS
N78-3700-3800	30	50	DFT-256QAM	L	Outer_Full	45.758	47.900	PASS
N78-3700-3800	30	50	CP-QPSK	L	Outer_Full	47.445	49.400	PASS
N78-3700-3800	30	50	CP-16QAM	L	Outer_Full	47.457	49.500	PASS
N78-3700-3800	30	50	CP-64QAM	L	Outer_Full	47.415	49.200	PASS
N78-3700-3800	30	50	CP-256QAM	L	Outer_Full	47.271	49.300	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	45.766	47.600	PASS
N78-3700-3800	30	50	DFT-PI2BPSK	M	Outer_Full	45.704	47.400	PASS



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N78-3700-3800	30	50	DFT-16QAM	M	Outer_Full	45.813	47.600	PASS
N78-3700-3800	30	50	DFT-64QAM	M	Outer_Full	45.695	47.700	PASS
N78-3700-3800	30	50	DFT-256QAM	M	Outer_Full	45.525	48.200	PASS
N78-3700-3800	30	50	CP-QPSK	M	Outer_Full	47.366	49.300	PASS
N78-3700-3800	30	50	CP-16QAM	M	Outer_Full	47.393	49.400	PASS
N78-3700-3800	30	50	CP-64QAM	M	Outer_Full	47.558	49.500	PASS
N78-3700-3800	30	50	CP-256QAM	M	Outer_Full	47.315	49.500	PASS
N78-3700-3800	30	50	DFT-QPSK	H	Outer_Full	45.665	47.700	PASS
N78-3700-3800	30	50	DFT-PI2BPSK	H	Outer_Full	45.705	47.400	PASS
N78-3700-3800	30	50	DFT-16QAM	H	Outer_Full	45.780	47.500	PASS
N78-3700-3800	30	50	DFT-64QAM	H	Outer_Full	45.667	47.900	PASS
N78-3700-3800	30	50	DFT-256QAM	H	Outer_Full	45.800	47.700	PASS
N78-3700-3800	30	50	CP-QPSK	H	Outer_Full	47.441	49.200	PASS
N78-3700-3800	30	50	CP-16QAM	H	Outer_Full	47.351	49.500	PASS
N78-3700-3800	30	50	CP-64QAM	H	Outer_Full	47.438	49.400	PASS
N78-3700-3800	30	50	CP-256QAM	H	Outer_Full	47.371	49.600	PASS
N78-3700-3800	30	60	DFT-QPSK	L	Outer_Full	57.835	60.480	PASS
N78-3700-3800	30	60	DFT-PI2BPSK	L	Outer_Full	57.784	60.360	PASS
N78-3700-3800	30	60	DFT-16QAM	L	Outer_Full	57.953	60.240	PASS
N78-3700-3800	30	60	DFT-64QAM	L	Outer_Full	57.956	60.720	PASS
N78-3700-3800	30	60	DFT-256QAM	L	Outer_Full	57.980	60.480	PASS
N78-3700-3800	30	60	CP-QPSK	L	Outer_Full	57.813	60.600	PASS
N78-3700-3800	30	60	CP-16QAM	L	Outer_Full	57.894	60.480	PASS
N78-3700-3800	30	60	CP-64QAM	L	Outer_Full	57.820	60.360	PASS
N78-3700-3800	30	60	CP-256QAM	L	Outer_Full	57.774	60.240	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	57.824	60.360	PASS
N78-3700-3800	30	60	DFT-PI2BPSK	M	Outer_Full	57.874	60.360	PASS
N78-3700-3800	30	60	DFT-16QAM	M	Outer_Full	57.938	60.360	PASS
N78-3700-3800	30	60	DFT-64QAM	M	Outer_Full	57.933	60.480	PASS
N78-3700-3800	30	60	DFT-256QAM	M	Outer_Full	57.982	60.480	PASS
N78-3700-3800	30	60	CP-QPSK	M	Outer_Full	57.822	60.480	PASS
N78-3700-3800	30	60	CP-16QAM	M	Outer_Full	57.883	60.480	PASS
N78-3700-3800	30	60	CP-64QAM	M	Outer_Full	57.805	60.600	PASS
N78-3700-3800	30	60	CP-256QAM	M	Outer_Full	57.795	60.240	PASS
N78-3700-3800	30	60	DFT-QPSK	H	Outer_Full	57.833	60.360	PASS
N78-3700-3800	30	60	DFT-PI2BPSK	H	Outer_Full	57.887	60.360	PASS
N78-3700-3800	30	60	DFT-16QAM	H	Outer_Full	57.936	60.360	PASS
N78-3700-3800	30	60	DFT-64QAM	H	Outer_Full	57.953	60.600	PASS



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