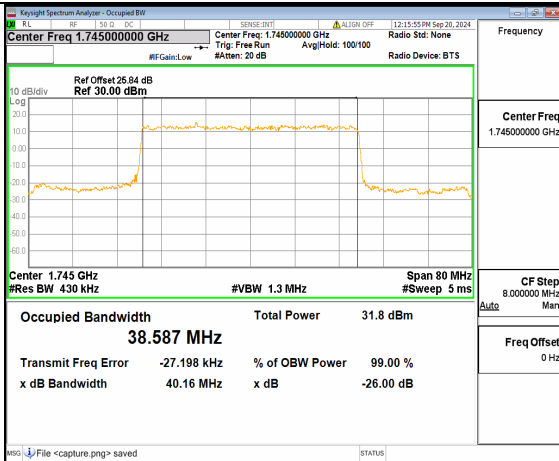
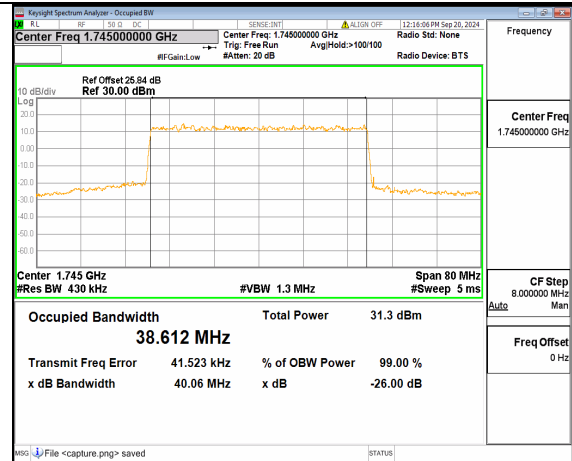
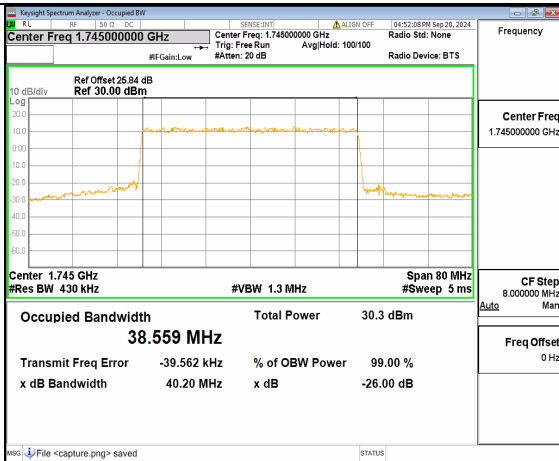
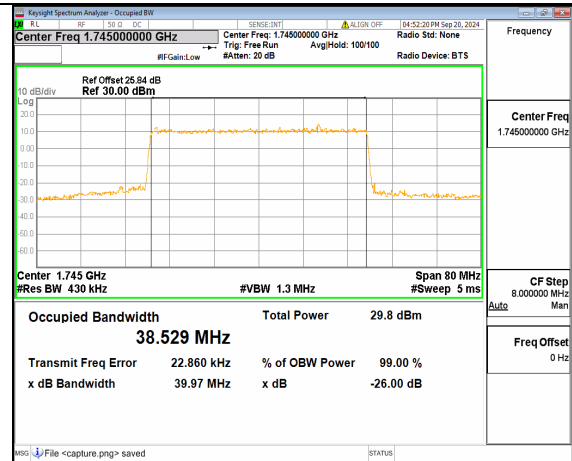
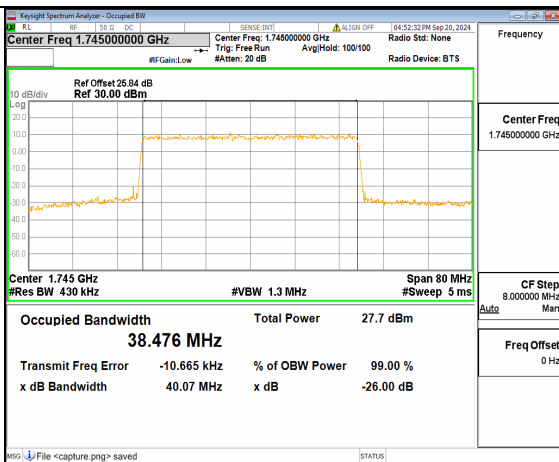
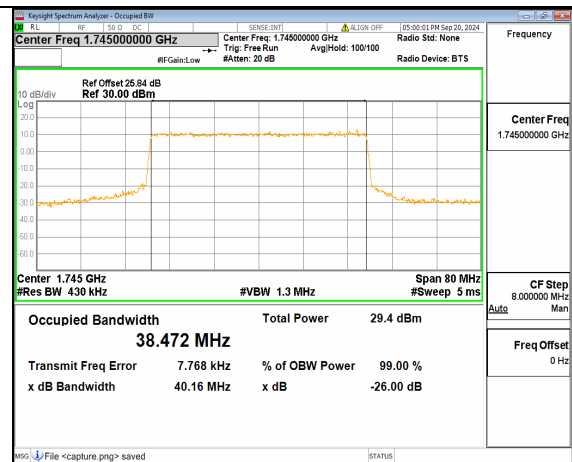
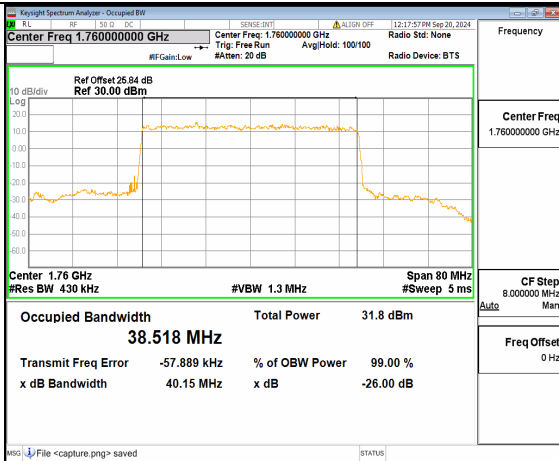
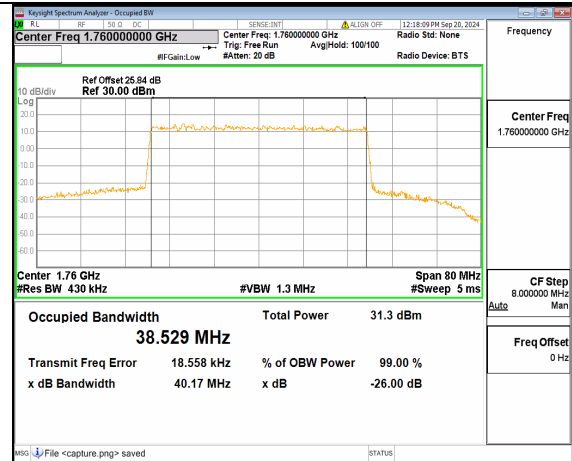


n66 40M DFT-s-OFDM BPSK Outer_Full
Midn66 40M DFT-s-OFDM QPSK Outer_Full
Midn66 40M DFT-s-OFDM 16QAM Outer_Full
Midn66 40M DFT-s-OFDM 64QAM Outer_Full
Midn66 40M DFT-s-OFDM 256QAM
Outer_Full Mid

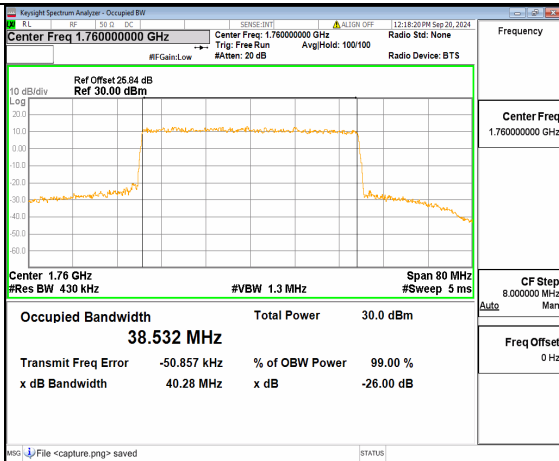
n66 40M CP-OFDM QPSK Outer_Full Mid



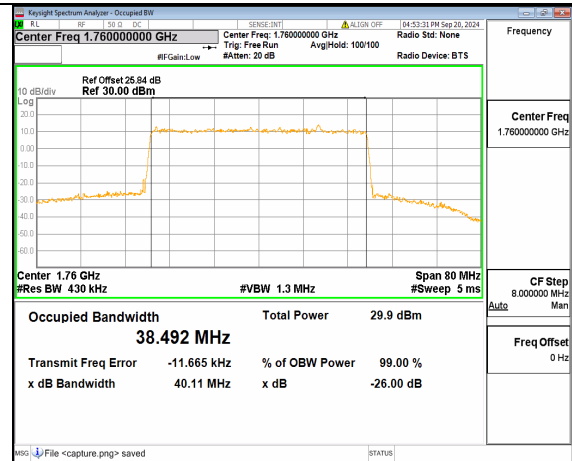
n66 40M DFT-s-OFDM BPSK Outer_Full High



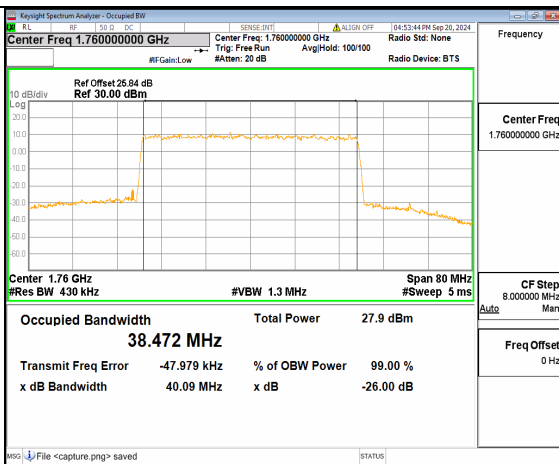
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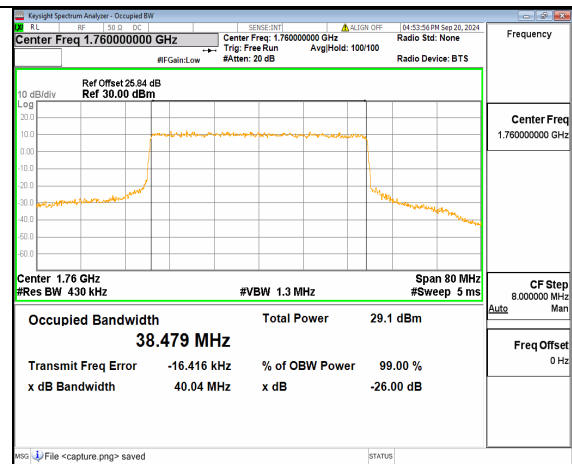
n66 40M DFT-s-OFDM 16QAM Outer_Full High



n66 40M DFT-s-OFDM 64QAM Outer_Full High



n66 40M DFT-s-OFDM 256QAM Outer_Full High



n66 40M CP-OFDM QPSK Outer_Full High



Band	SCS (kHz)	BW (MHz)	ARFCN	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
n71	15	5	133100	DFT-s-OFDM PI/2 BPSK	25/0	4.4866	5.068	PASS
n71	15	5	133100	DFT-s-OFDM QPSK	25/0	4.4853	5.018	PASS
n71	15	5	133100	DFT-s-OFDM 16QAM	25/0	4.4835	4.935	PASS
n71	15	5	133100	DFT-s-OFDM 64QAM	25/0	4.4753	4.957	PASS
n71	15	5	133100	DFT-s-OFDM 256QAM	25/0	4.4733	4.925	PASS
n71	15	5	133100	CP-OFDM QPSK	25/0	4.4769	5.212	PASS
n71	15	5	136100	DFT-s-OFDM PI/2 BPSK	25/0	4.4656	4.908	PASS
n71	15	5	136100	DFT-s-OFDM QPSK	25/0	4.4980	5.098	PASS
n71	15	5	136100	DFT-s-OFDM 16QAM	25/0	4.4820	4.985	PASS
n71	15	5	136100	DFT-s-OFDM 64QAM	25/0	4.4686	4.955	PASS
n71	15	5	136100	DFT-s-OFDM 256QAM	25/0	4.4785	5.071	PASS
n71	15	5	136100	CP-OFDM QPSK	25/0	4.4724	5.090	PASS
n71	15	5	139100	DFT-s-OFDM PI/2 BPSK	25/0	4.4710	4.950	PASS
n71	15	5	139100	DFT-s-OFDM QPSK	25/0	4.4793	5.015	PASS
n71	15	5	139100	DFT-s-OFDM 16QAM	25/0	4.4815	5.038	PASS



n71	15	5	139100	DFT-s-OFDM 64QAM	25/0	4.4678	4.898	PASS
n71	15	5	139100	DFT-s-OFDM 256QAM	25/0	4.4819	5.024	PASS
n71	15	5	139100	CP-OFDM QPSK	25/0	4.4689	5.016	PASS
n71	15	10	133600	DFT-s-OFDM PI/2 BPSK	50/0	8.9177	9.617	PASS
n71	15	10	133600	DFT-s-OFDM QPSK	50/0	8.9173	9.690	PASS
n71	15	10	133600	DFT-s-OFDM 16QAM	50/0	8.9329	9.615	PASS
n71	15	10	133600	DFT-s-OFDM 64QAM	50/0	8.9199	9.625	PASS
n71	15	10	133600	DFT-s-OFDM 256QAM	50/0	8.9201	9.622	PASS
n71	15	10	133600	CP-OFDM QPSK	52/0	9.2855	10.088	PASS
n71	15	10	136100	DFT-s-OFDM PI/2 BPSK	50/0	8.9102	9.612	PASS
n71	15	10	136100	DFT-s-OFDM QPSK	50/0	8.9140	9.667	PASS
n71	15	10	136100	DFT-s-OFDM 16QAM	50/0	8.9409	9.573	PASS
n71	15	10	136100	DFT-s-OFDM 64QAM	50/0	8.9232	9.637	PASS
n71	15	10	136100	DFT-s-OFDM 256QAM	50/0	8.9273	9.672	PASS
n71	15	10	136100	CP-OFDM QPSK	52/0	9.2830	10.207	PASS
n71	15	10	138600	DFT-s-OFDM PI/2 BPSK	50/0	8.9076	9.599	PASS



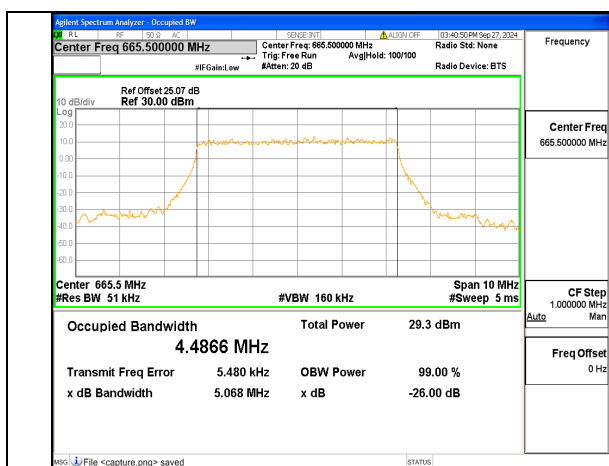
n71	15	10	138600	DFT-s-OFDM QPSK	50/0	8.9064	9.609	PASS
n71	15	10	138600	DFT-s-OFDM 16QAM	50/0	8.9266	9.577	PASS
n71	15	10	138600	DFT-s-OFDM 64QAM	50/0	8.9043	9.603	PASS
n71	15	10	138600	DFT-s-OFDM 256QAM	50/0	8.9230	9.688	PASS
n71	15	10	138600	CP-OFDM QPSK	52/0	9.2682	9.954	PASS
n71	15	15	134100	DFT-s-OFDM PI/2 BPSK	75/0	13.387	14.256	PASS
n71	15	15	134100	DFT-s-OFDM QPSK	75/0	13.413	14.368	PASS
n71	15	15	134100	DFT-s-OFDM 16QAM	75/0	13.417	14.240	PASS
n71	15	15	134100	DFT-s-OFDM 64QAM	75/0	13.374	14.260	PASS
n71	15	15	134100	DFT-s-OFDM 256QAM	75/0	13.393	14.122	PASS
n71	15	15	134100	CP-OFDM QPSK	79/0	14.086	14.939	PASS
n71	15	15	136100	DFT-s-OFDM PI/2 BPSK	75/0	13.402	14.270	PASS
n71	15	15	136100	DFT-s-OFDM QPSK	75/0	13.423	14.275	PASS
n71	15	15	136100	DFT-s-OFDM 16QAM	75/0	13.403	14.297	PASS
n71	15	15	136100	DFT-s-OFDM 64QAM	75/0	13.388	14.203	PASS
n71	15	15	136100	DFT-s-OFDM	75/0	13.428	14.341	PASS



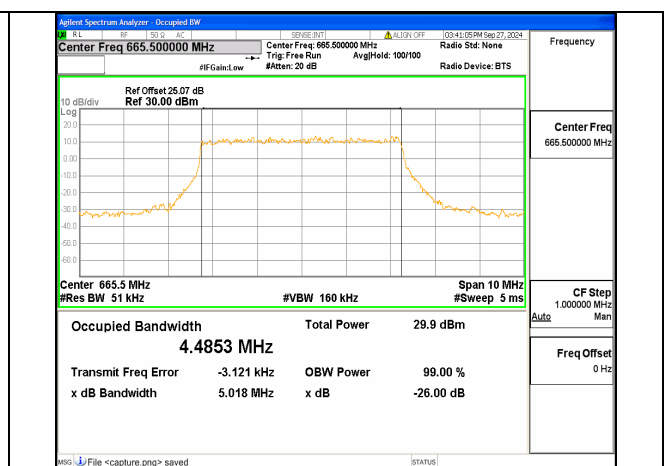
				256QAM				
n71	15	15	136100	CP-OFDM QPSK	79/0	14.115	15.077	PASS
n71	15	15	138100	DFT-s- OFDM PI/2 BPSK	75/0	13.402	14.367	PASS
n71	15	15	138100	DFT-s- OFDM QPSK	75/0	13.414	14.423	PASS
n71	15	15	138100	DFT-s- OFDM 16QAM	75/0	13.424	14.287	PASS
n71	15	15	138100	DFT-s- OFDM 64QAM	75/0	13.389	14.257	PASS
n71	15	15	138100	DFT-s- OFDM 256QAM	75/0	13.407	14.173	PASS
n71	15	15	138100	CP-OFDM QPSK	79/0	14.091	15.051	PASS
n71	15	20	134600	DFT-s- OFDM PI/2 BPSK	100/0	17.826	18.772	PASS
n71	15	20	134600	DFT-s- OFDM QPSK	100/0	17.827	18.843	PASS
n71	15	20	134600	DFT-s- OFDM 16QAM	100/0	17.853	18.865	PASS
n71	15	20	134600	DFT-s- OFDM 64QAM	100/0	17.837	18.879	PASS
n71	15	20	134600	DFT-s- OFDM 256QAM	100/0	17.811	18.729	PASS
n71	15	20	134600	CP-OFDM QPSK	106/0	18.858	19.901	PASS
n71	15	20	136100	DFT-s- OFDM PI/2 BPSK	100/0	17.867	18.843	PASS
n71	15	20	136100	DFT-s- OFDM QPSK	100/0	17.859	18.800	PASS
n71	15	20	136100	DFT-s-	100/0	17.880	18.788	PASS



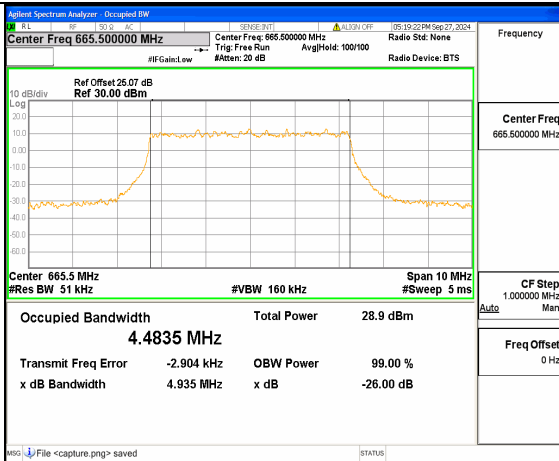
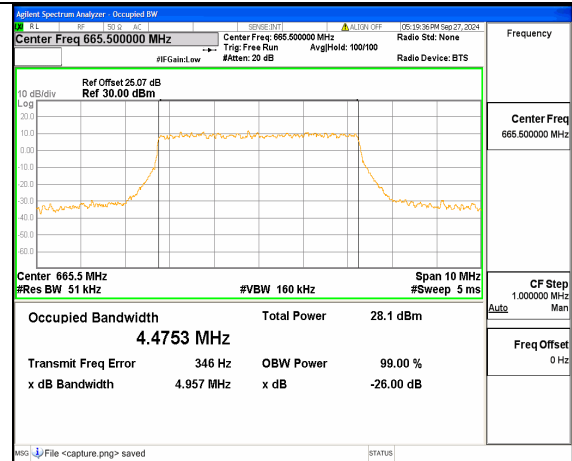
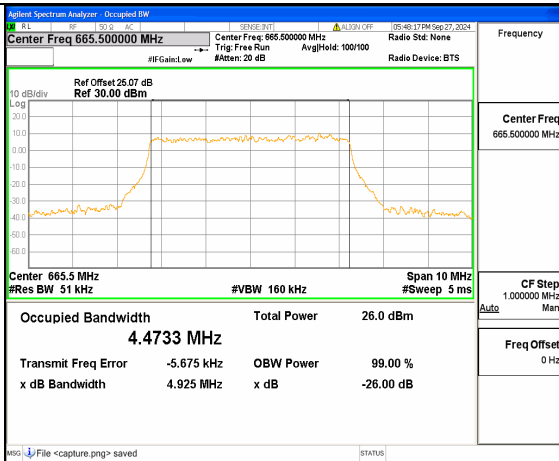
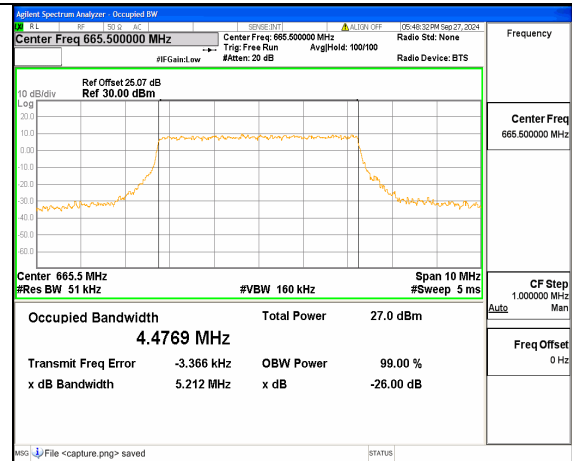
				OFDM 16QAM				
n71	15	20	136100	DFT-s- OFDM 64QAM	100/0	17.868	18.959	PASS
n71	15	20	136100	DFT-s- OFDM 256QAM	100/0	17.840	18.667	PASS
n71	15	20	136100	CP-OFDM QPSK	106/0	18.914	20.115	PASS
n71	15	20	137600	DFT-s- OFDM PI/2 BPSK	100/0	17.866	18.818	PASS
n71	15	20	137600	DFT-s- OFDM QPSK	100/0	17.852	18.867	PASS
n71	15	20	137600	DFT-s- OFDM 16QAM	100/0	17.878	18.732	PASS
n71	15	20	137600	DFT-s- OFDM 64QAM	100/0	17.888	18.870	PASS
n71	15	20	137600	DFT-s- OFDM 256QAM	100/0	17.848	18.833	PASS
n71	15	20	137600	CP-OFDM QPSK	106/0	18.904	20.121	PASS



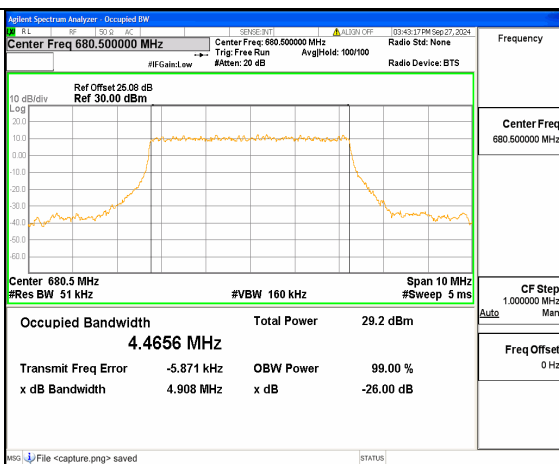
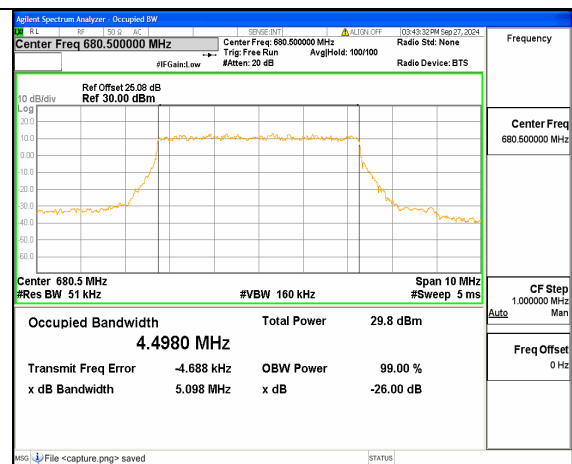
n71 5M DFT-s-OFDM BPSK Outer_Full
Low

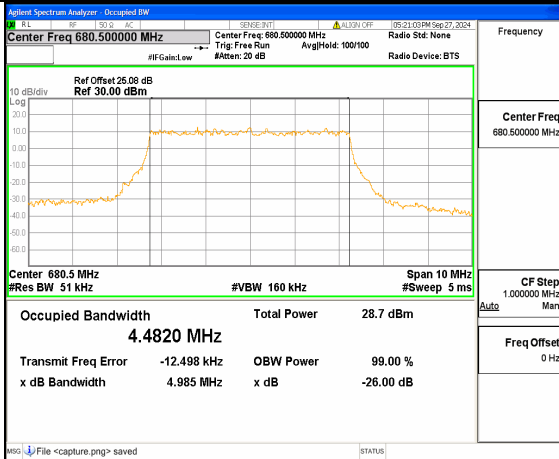
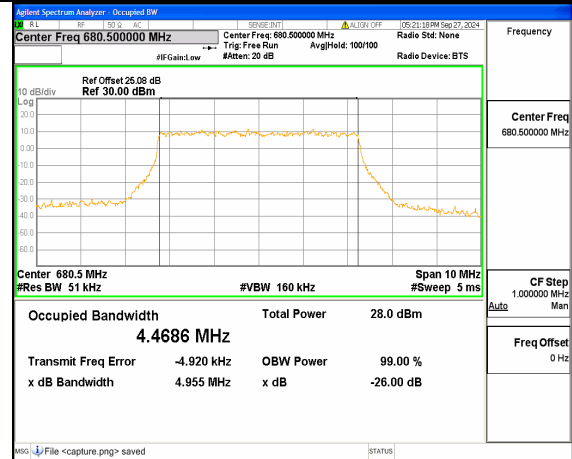
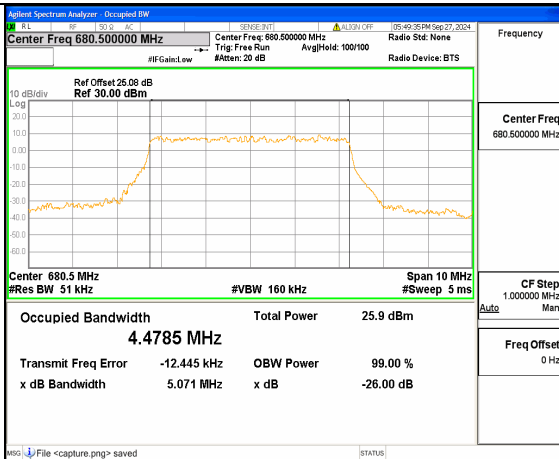
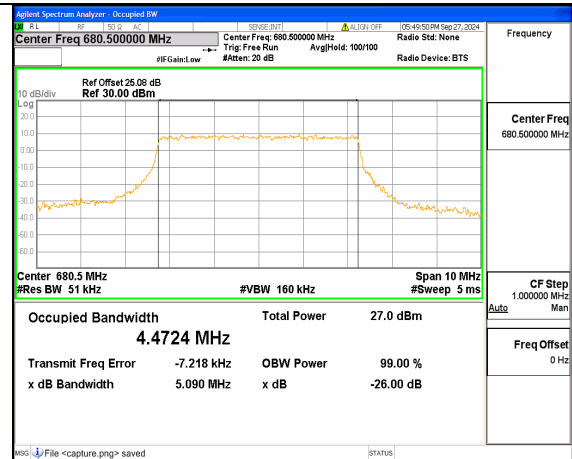


n71 5M DFT-s-OFDM QPSK Outer_Full
Low

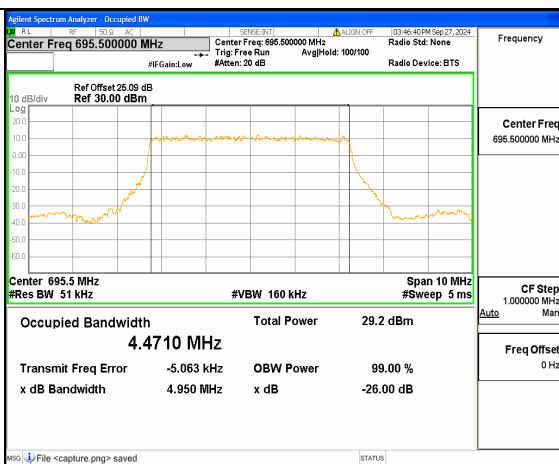
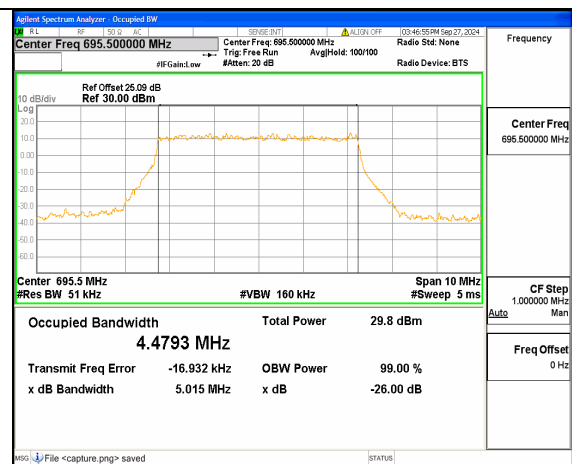
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Lown71 5M DFT-s-OFDM 64QAM Outer_Full
Lown71 5M DFT-s-OFDM 256QAM Outer_Full
Low

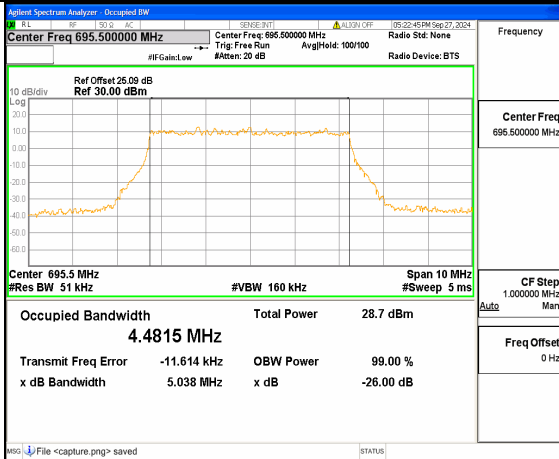
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n71 5M DFT-s-OFDM BPSK Outer_Full
Midn71 5M DFT-s-OFDM QPSK Outer_Full
Mid

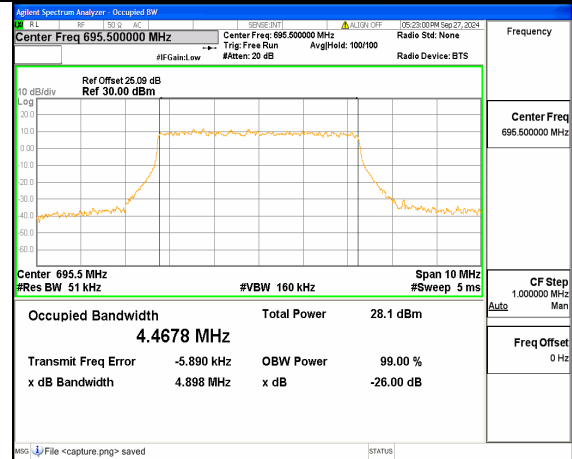
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Midn71 5M DFT-s-OFDM 64QAM Outer_Full
Midn71 5M DFT-s-OFDM 256QAM Outer_Full
Mid

n71 5M CP-OFDM QPSK Outer_Full Mid

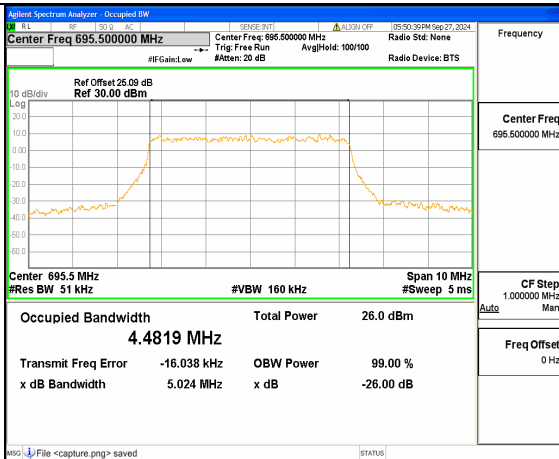
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Highn71 5M DFT-s-OFDM QPSK Outer_Full
High



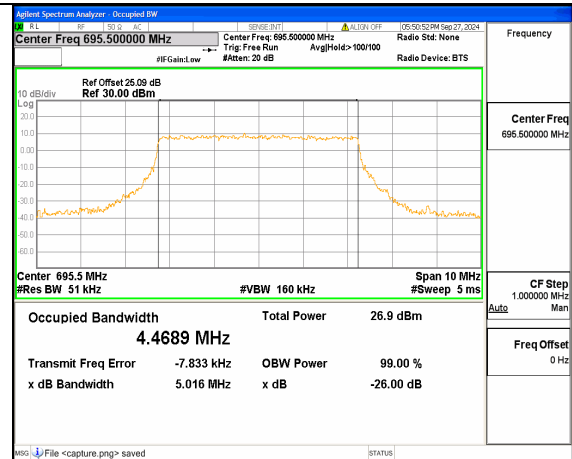
n71 5M DFT-s-OFDM 16QAM Outer_Full High



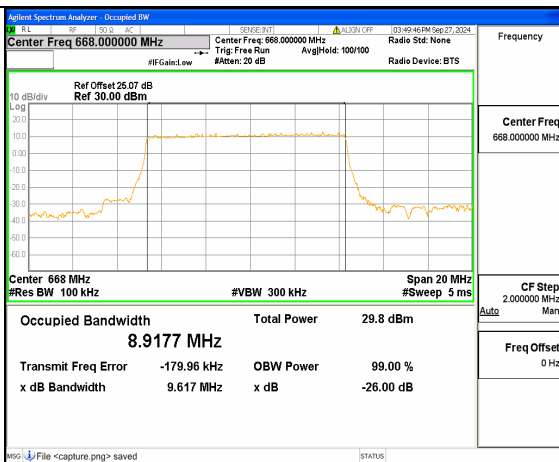
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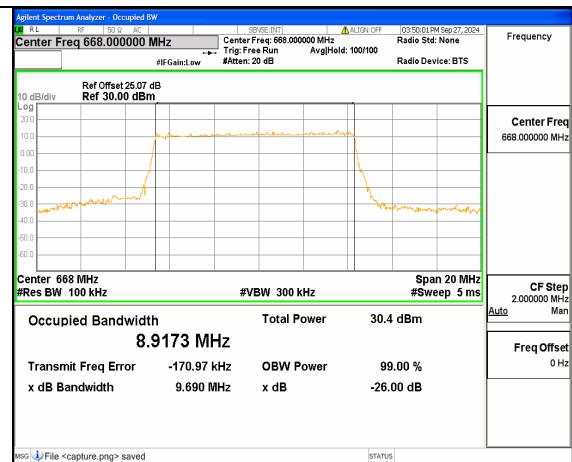
n71 5M DFT-s-OFDM 256QAM Outer_Full High



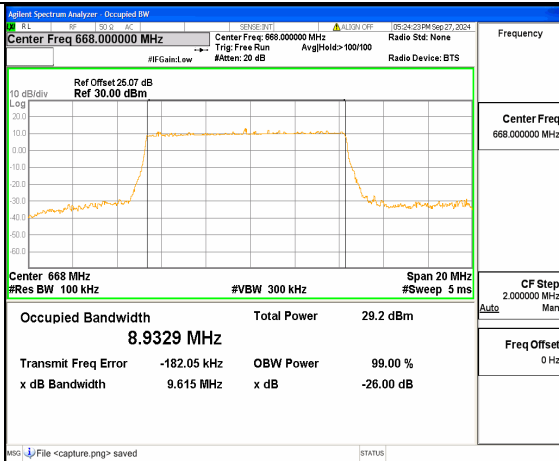
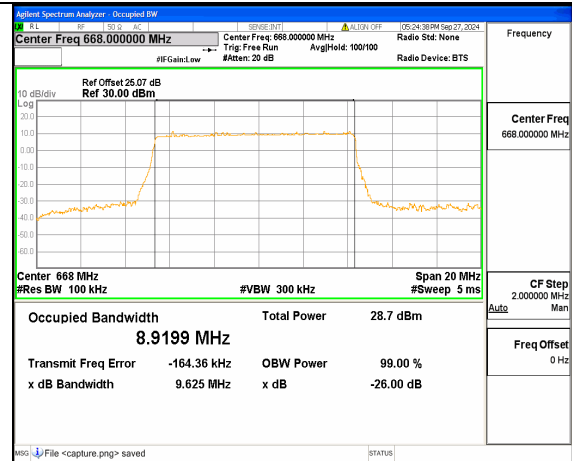
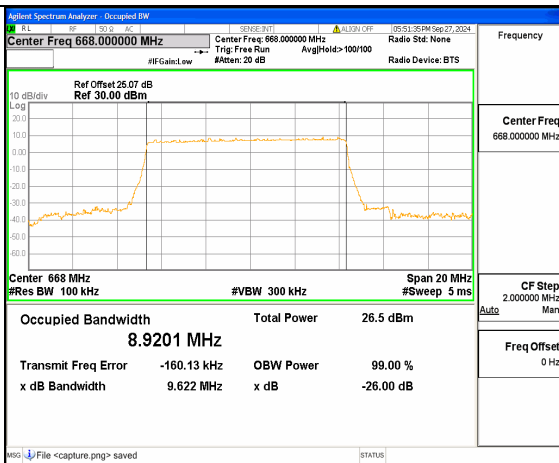
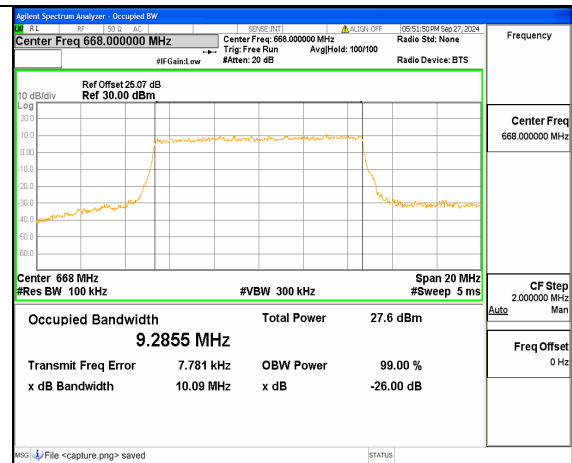
n71 5M CP-OFDM QPSK Outer_Full High



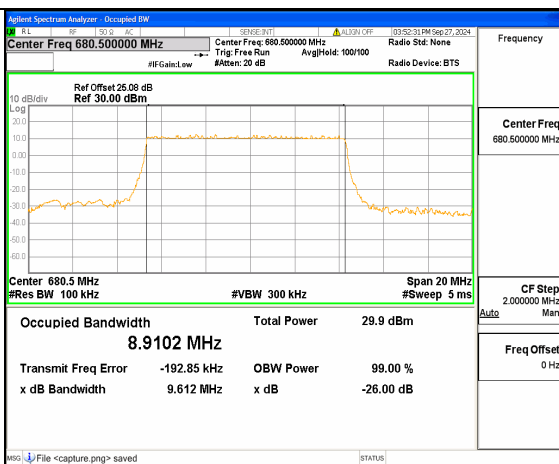
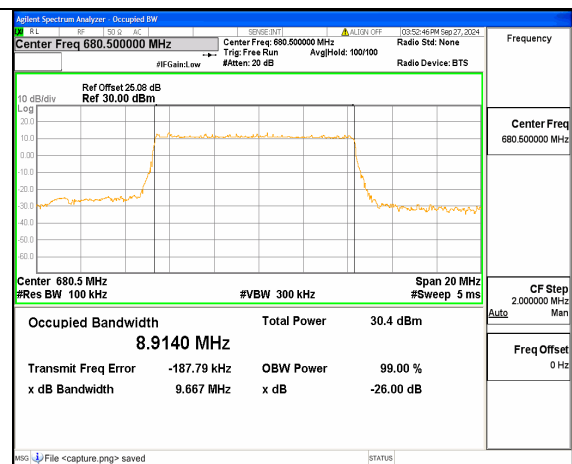
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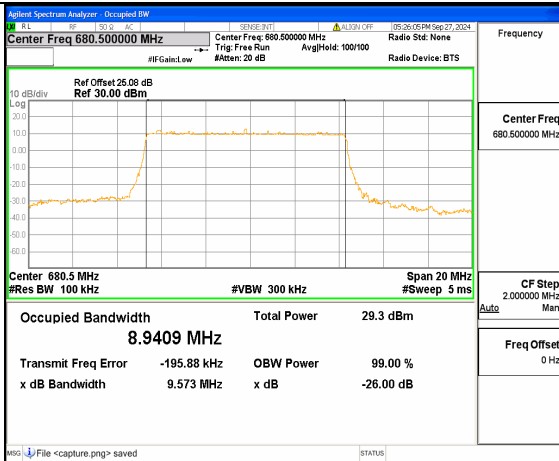
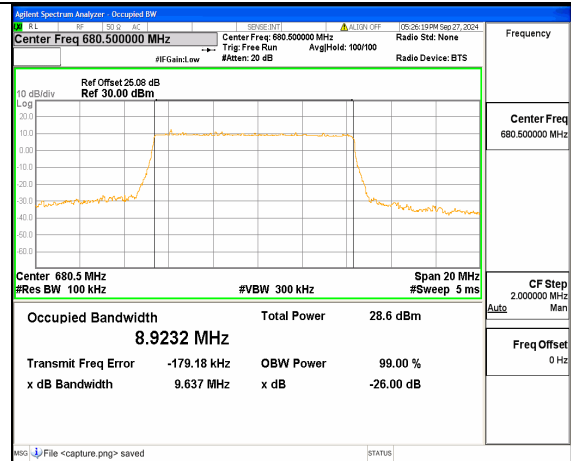
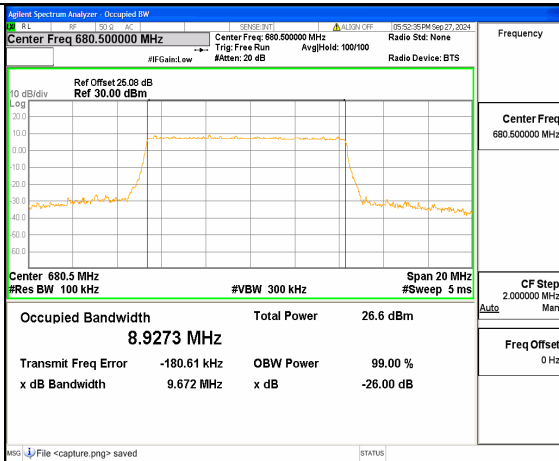
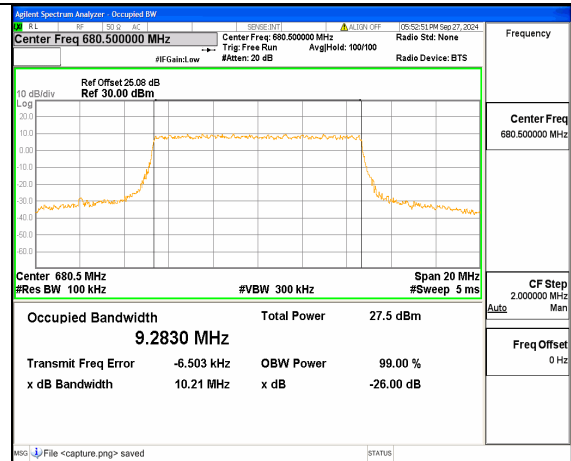


n71 10M DFT-s-OFDM QPSK Outer_Full Low

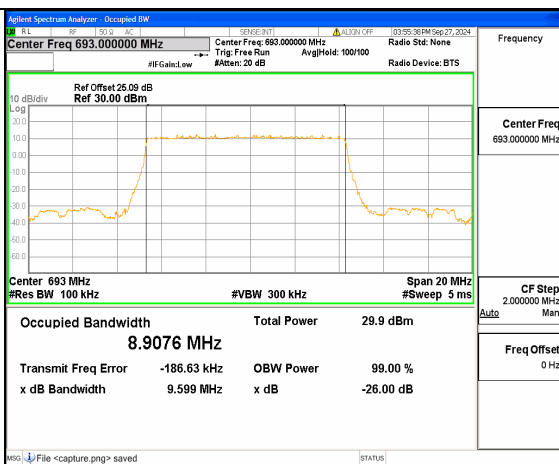
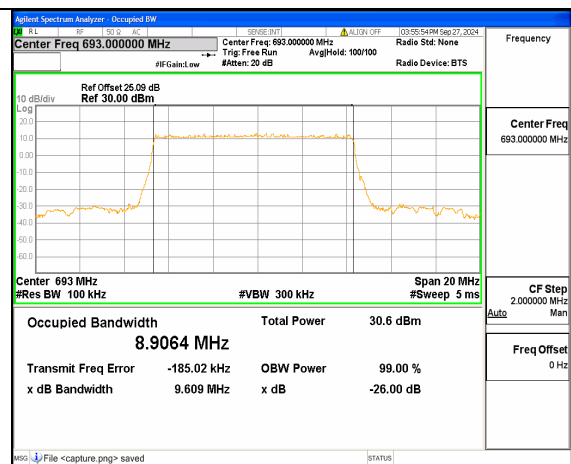
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Lown71 10M DFT-s-OFDM 64QAM Outer_Full
Lown71 10M DFT-s-OFDM 256QAM
Outer_Full Low

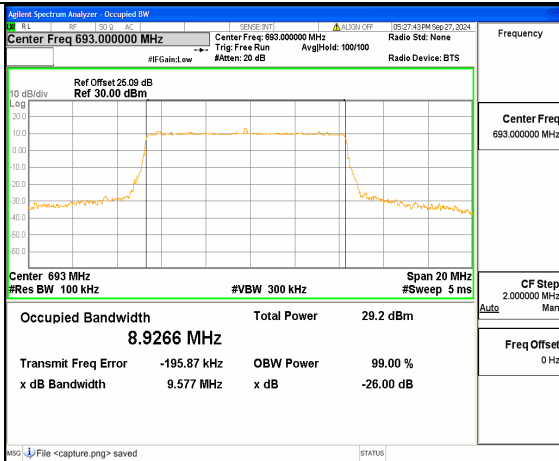
n71 10M CP-OFDM QPSK Outer_Full Low

n71 10M DFT-s-OFDM BPSK Outer_Full
Midn71 10M DFT-s-OFDM QPSK Outer_Full
Mid

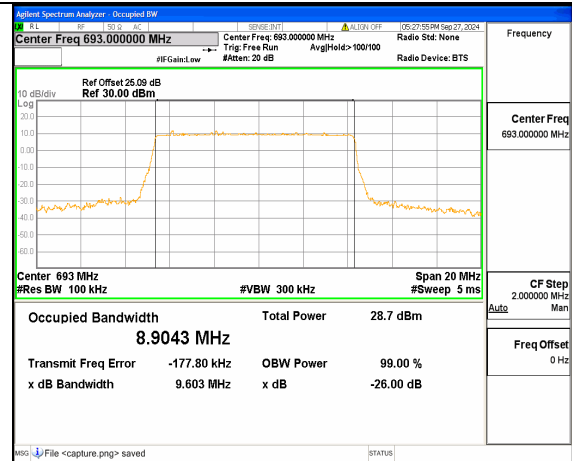
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Midn71 10M DFT-s-OFDM 64QAM Outer_Full
Midn71 10M DFT-s-OFDM 256QAM
Outer_Full Mid

n71 10M CP-OFDM QPSK Outer_Full Mid

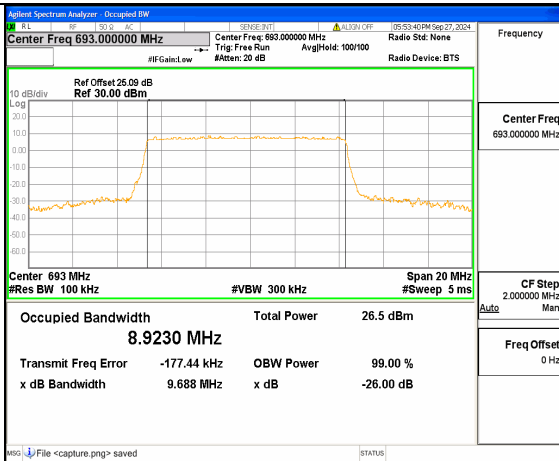
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Highn71 10M DFT-s-OFDM QPSK Outer_Full
High



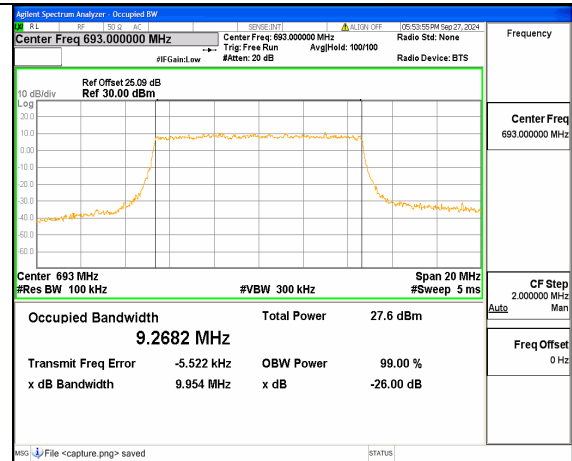
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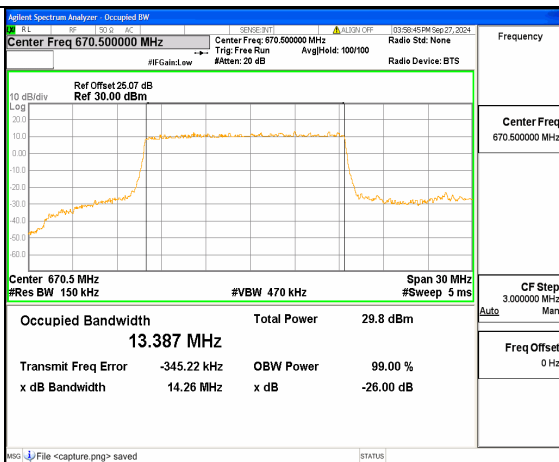
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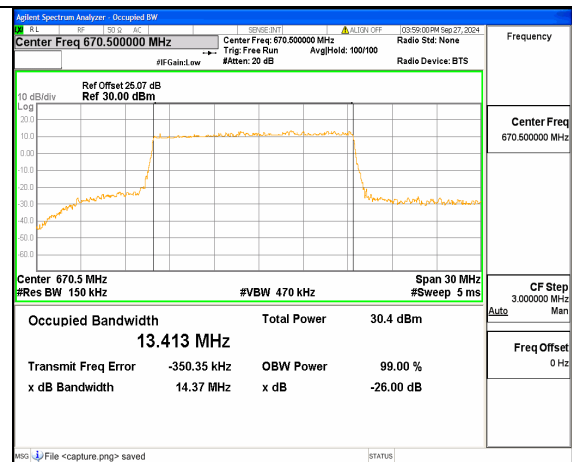
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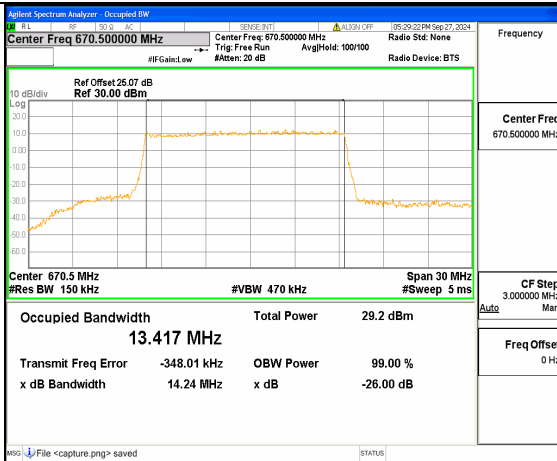
n71 10M CP-OFDM QPSK Outer_Full High



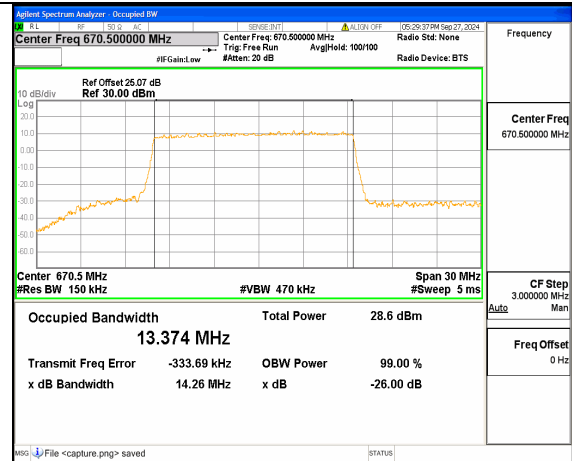
n71 15M DFT-s-OFDM BPSK Outer_Full Low



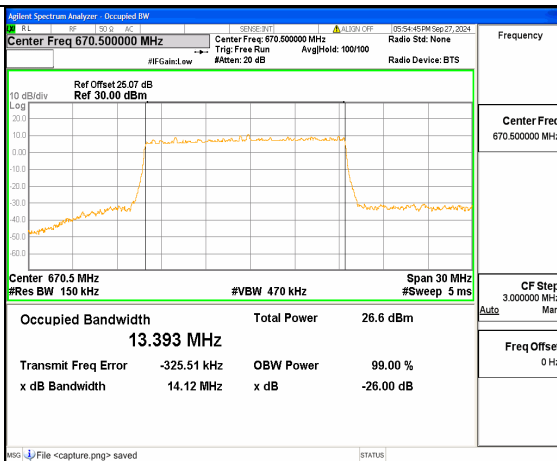
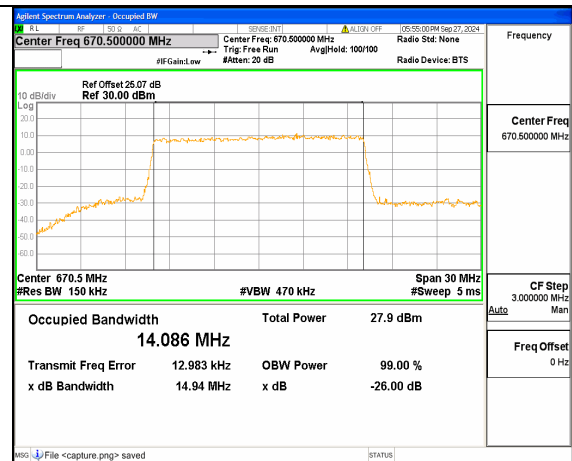
n71 15M DFT-s-OFDM QPSK Outer_Full Low



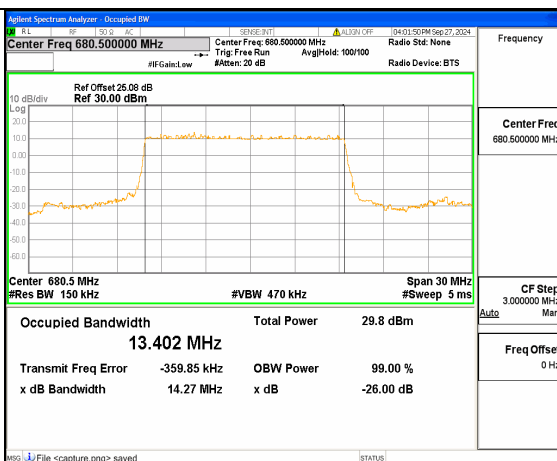
n71 15M DFT-s-OFDM 16QAM Outer_Full
Low



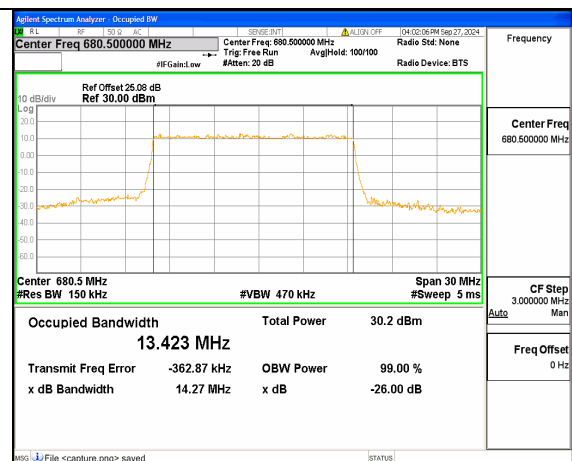
n71 15M DFT-s-OFDM 64QAM Outer_Full
Low

n71 15M DFT-s-OFDM 256QAM
Outer Full Low

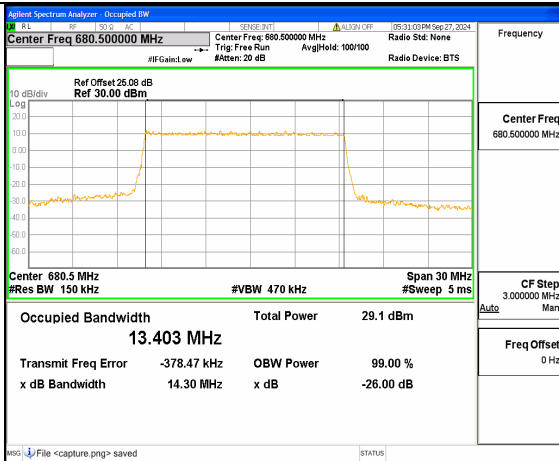
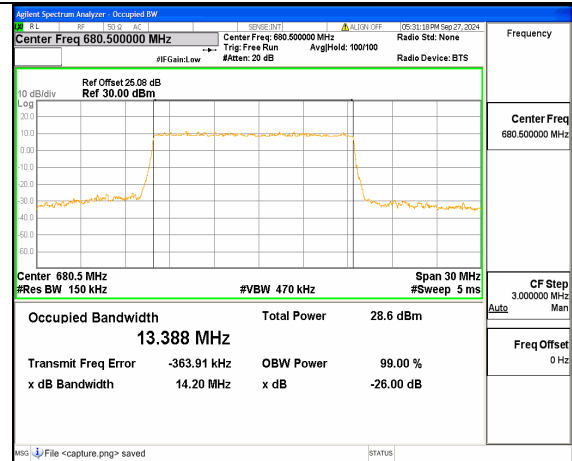
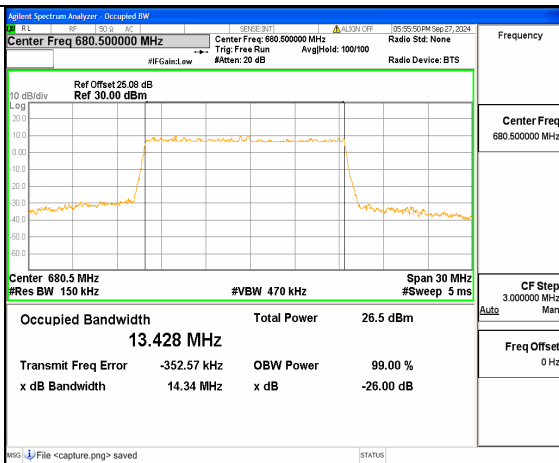
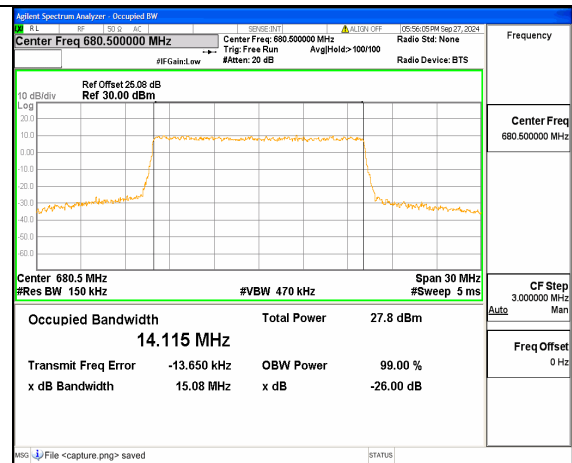
n71 15M CP-OFDM QPSK Outer Full Low



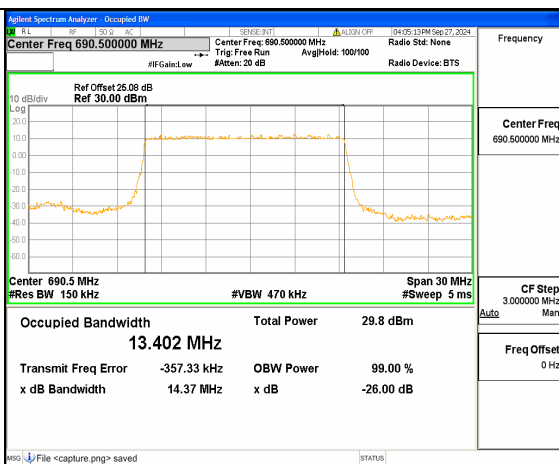
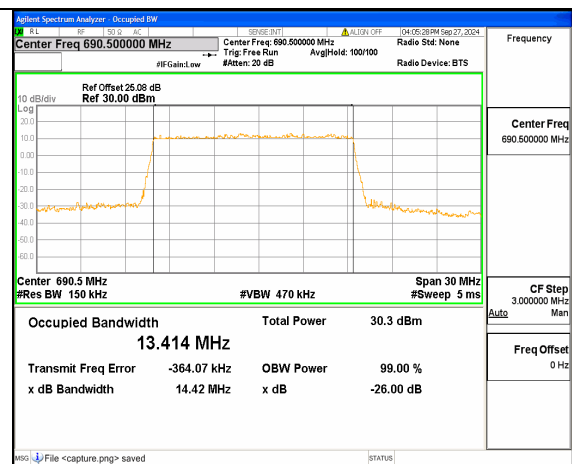
n71 15M DFT-s-OFDM BPSK Outer_Full
Mid

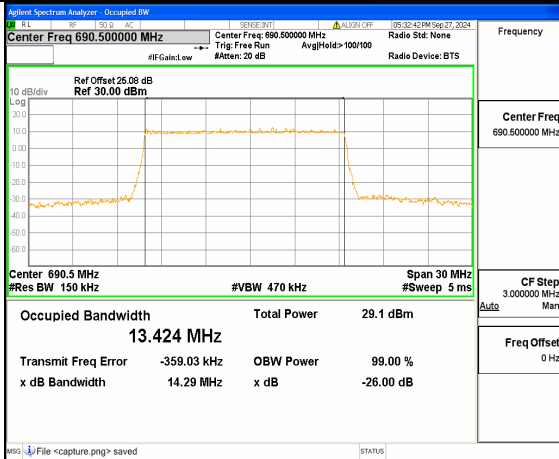


n71 15M DFT-s-OFDM QPSK Outer_Full
Mid

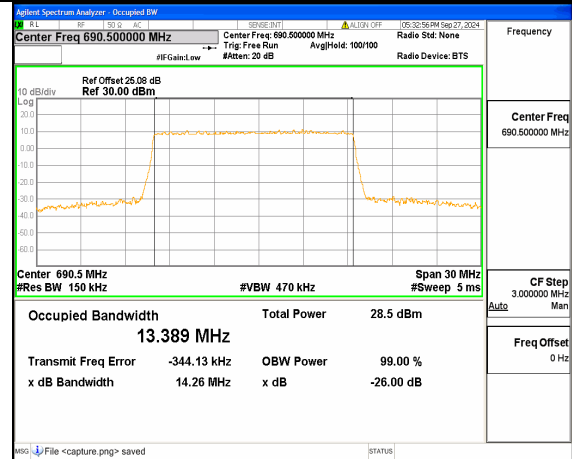
n71 15M DFT-s-OFDM 16QAM Outer_Full
Midn71 15M DFT-s-OFDM 64QAM Outer_Full
Midn71 15M DFT-s-OFDM 256QAM
Outer_Full Mid

n71 15M CP-OFDM QPSK Outer_Full Mid

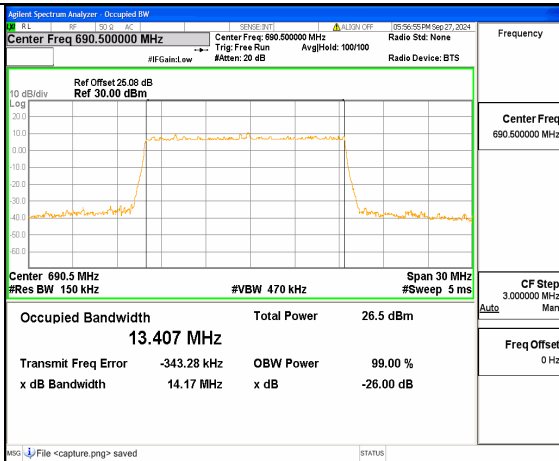
n71 15M DFT-s-OFDM BPSK Outer_Full
Highn71 15M DFT-s-OFDM QPSK Outer_Full
High



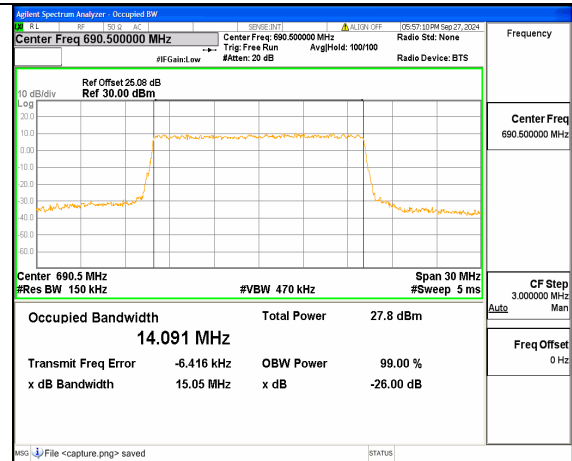
n71 15M DFT-s-OFDM 16QAM Outer_Full High



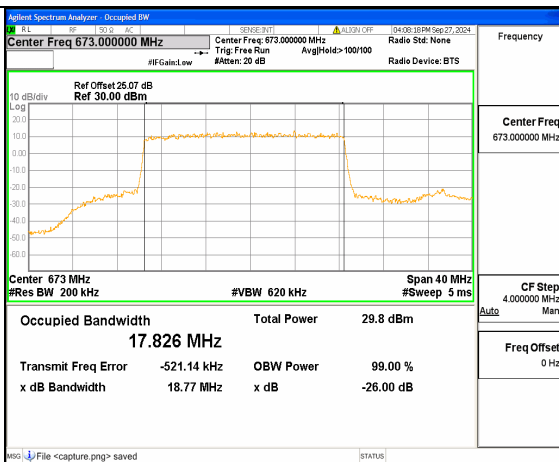
n71 15M DFT-s-OFDM 64QAM Outer_Full High



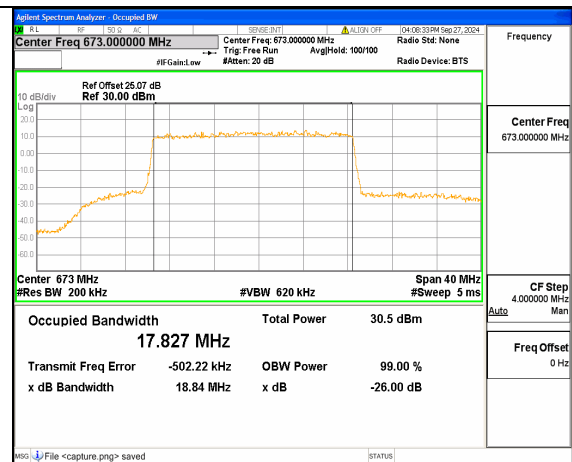
n71 15M DFT-s-OFDM 256QAM Outer_Full High



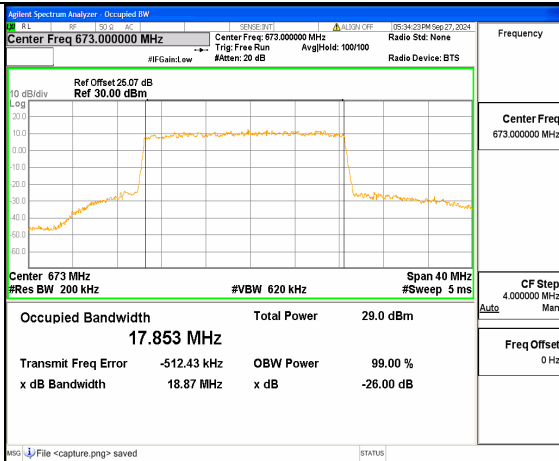
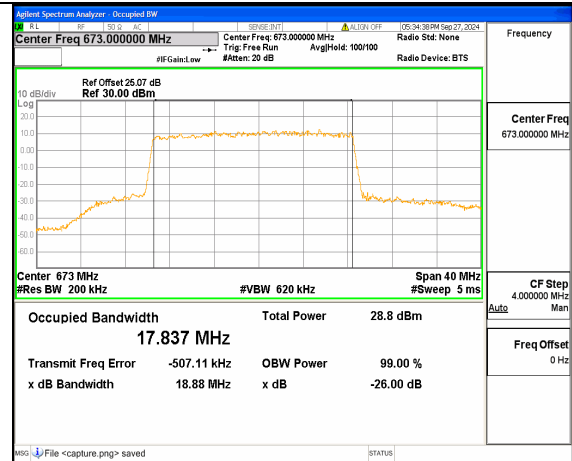
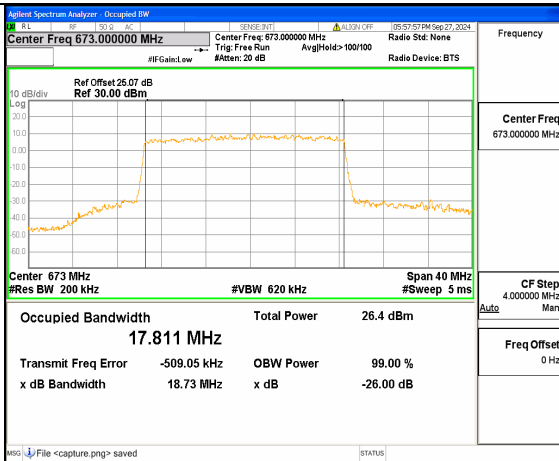
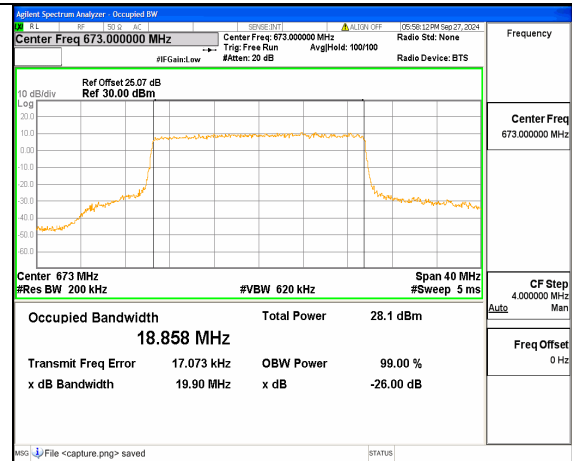
n71 15M CP-OFDM QPSK Outer_Full High



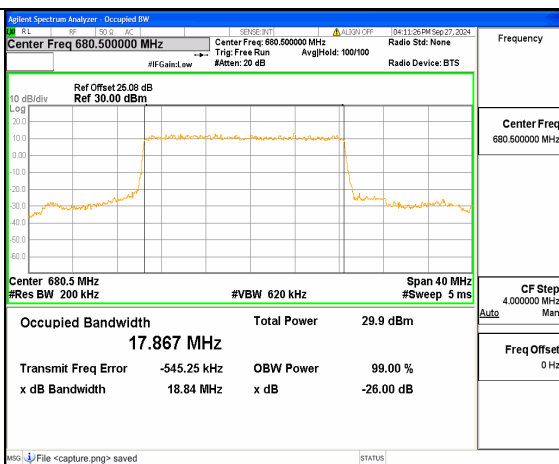
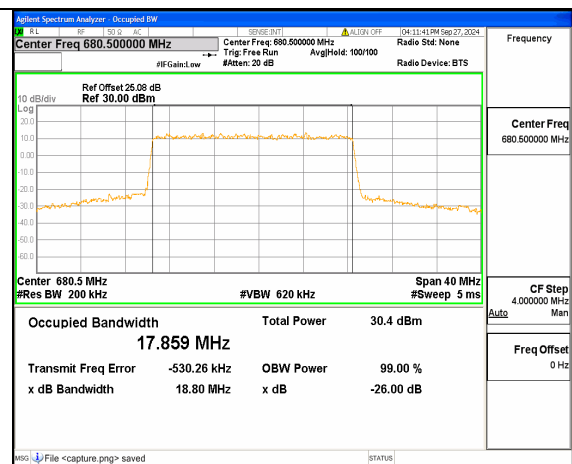
n71 20M DFT-s-OFDM BPSK Outer_Full Low

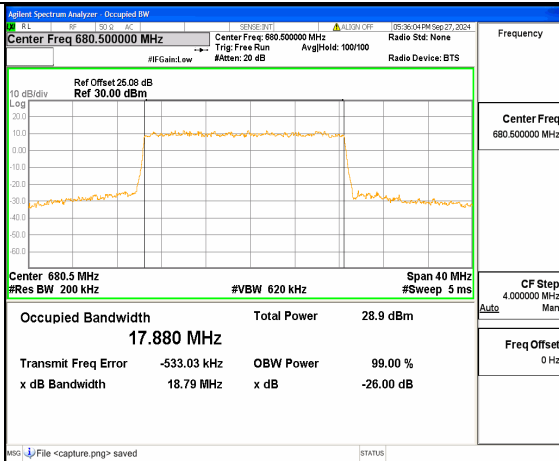
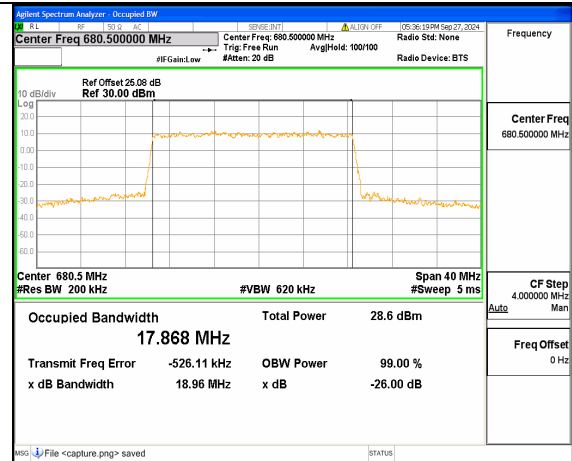
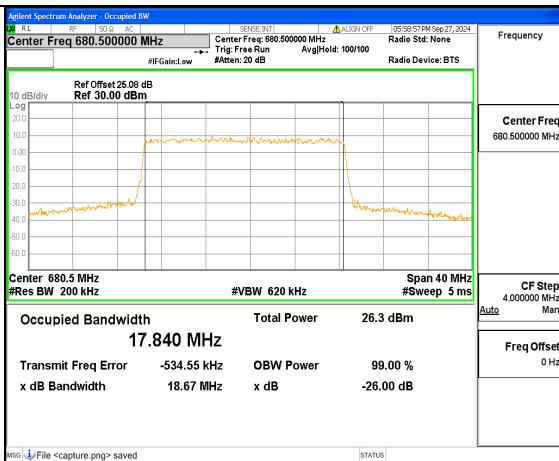
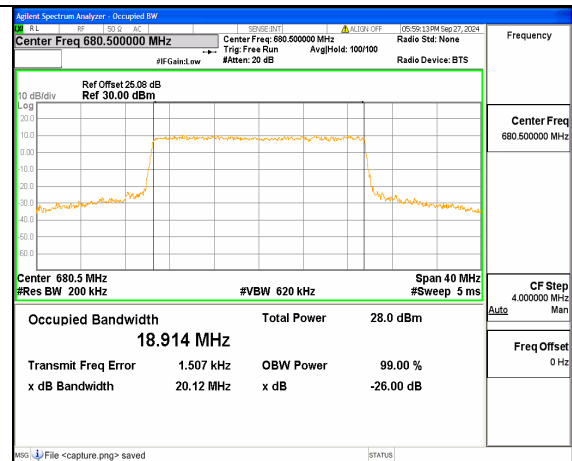


n71 20M DFT-s-OFDM QPSK Outer_Full Low

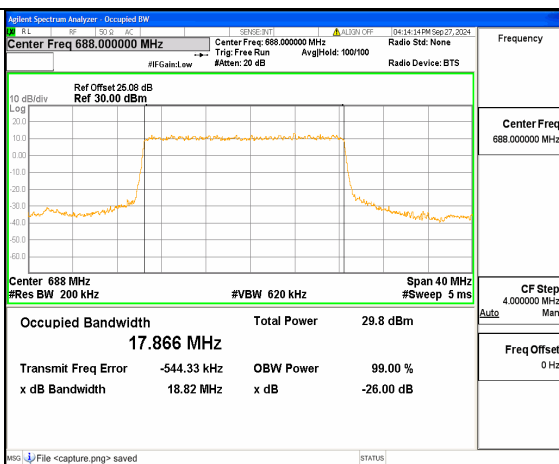
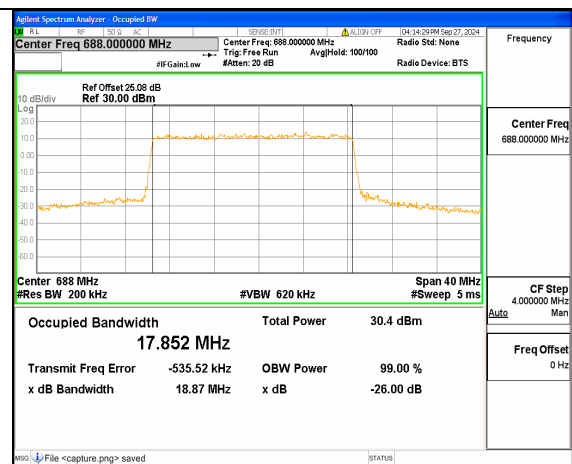
n71 20M DFT-s-OFDM 16QAM Outer_Full
Lown71 20M DFT-s-OFDM 64QAM Outer_Full
Lown71 20M DFT-s-OFDM 256QAM
Outer_Full Low

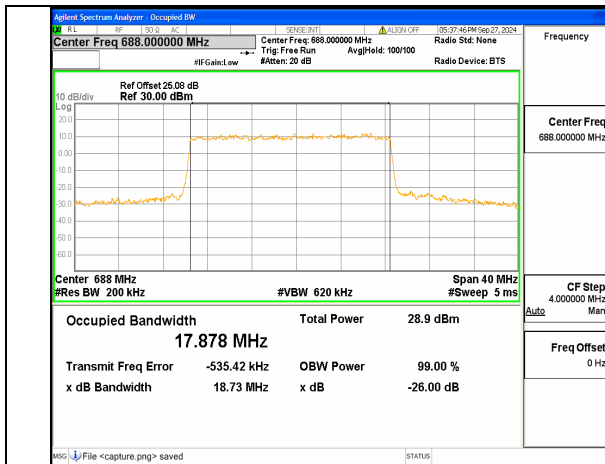
n71 20M CP-OFDM QPSK Outer_Full Low

n71 20M DFT-s-OFDM BPSK Outer_Full
Midn71 20M DFT-s-OFDM QPSK Outer_Full
Mid

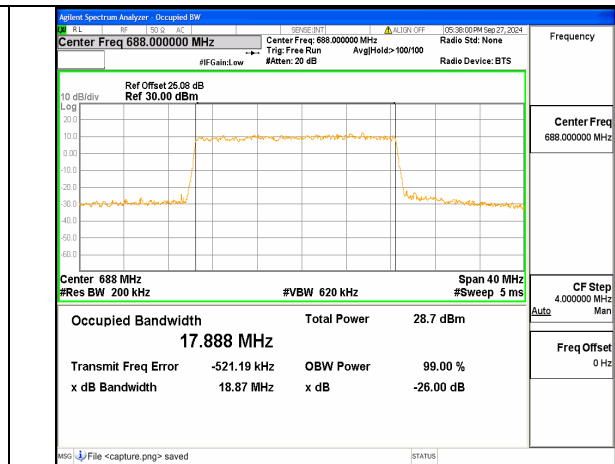
n71 20M DFT-s-OFDM 16QAM Outer_Full
Midn71 20M DFT-s-OFDM 64QAM Outer_Full
Midn71 20M DFT-s-OFDM 256QAM
Outer_Full Mid

n71 20M CP-OFDM QPSK Outer_Full Mid

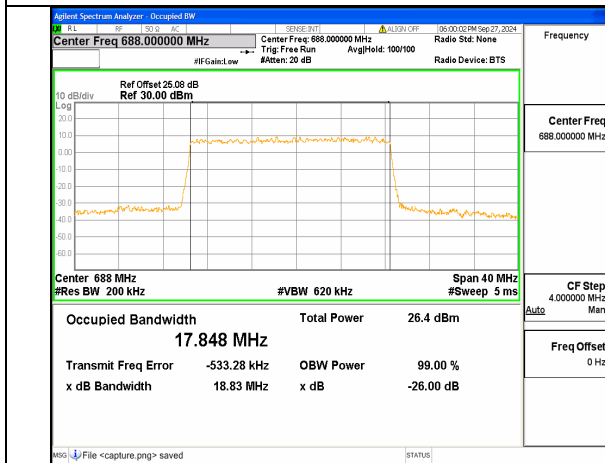
n71 20M DFT-s-OFDM BPSK Outer_Full
Highn71 20M DFT-s-OFDM QPSK Outer_Full
High



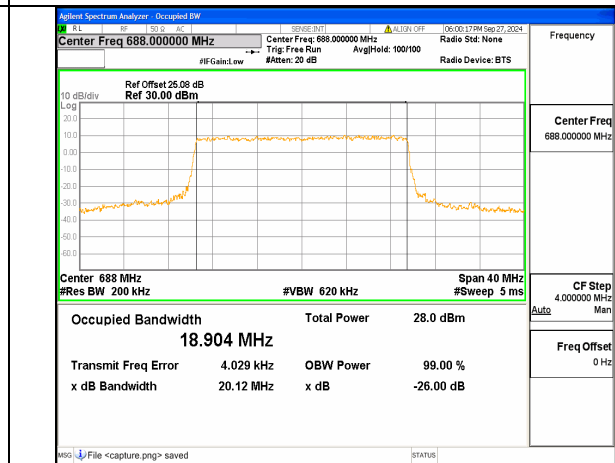
n71 20M DFT-s-OFDM 16QAM Outer_Full High



n71 20M DFT-s-OFDM 64QAM Outer_Full High



n71 20M DFT-s-OFDM 256QAM Outer_Full High



n71 20M CP-OFDM QPSK Outer_Full High

Band	SCS (kHz)	BW (MHz)	ARFCN	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
n77(3450-3550MHz)	30	10	630334	DFT-s-OFDM PI/2 BPSK	24/0	8.5770	9.645	PASS
n77(3450-3550MHz)	30	10	630334	DFT-s-OFDM QPSK	24/0	8.5971	9.605	PASS
n77(3450-3550MHz)	30	10	630334	DFT-s-OFDM 16QAM	24/0	8.5960	9.748	PASS
n77(3450-3550MHz)	30	10	630334	DFT-s-OFDM 64QAM	24/0	8.5779	9.662	PASS



n77(3450-3550MHz)	30	10	630334	DFT-s-OFDM 256QAM	24/0	8.5979	9.941	PASS
n77(3450-3550MHz)	30	10	630334	CP-OFDM QPSK	24/0	8.5942	9.875	PASS
n77(3450-3550MHz)	30	10	633334	DFT-s-OFDM PI/2 BPSK	24/0	8.5753	9.620	PASS
n77(3450-3550MHz)	30	10	633334	DFT-s-OFDM QPSK	24/0	8.5822	9.731	PASS
n77(3450-3550MHz)	30	10	633334	DFT-s-OFDM 16QAM	24/0	8.6247	9.841	PASS
n77(3450-3550MHz)	30	10	633334	DFT-s-OFDM 64QAM	24/0	8.5815	9.644	PASS
n77(3450-3550MHz)	30	10	633334	DFT-s-OFDM 256QAM	24/0	8.6052	9.654	PASS
n77(3450-3550MHz)	30	10	633334	CP-OFDM QPSK	24/0	8.5775	9.609	PASS
n77(3450-3550MHz)	30	10	636332	DFT-s-OFDM PI/2 BPSK	24/0	8.5845	9.567	PASS
n77(3450-3550MHz)	30	10	636332	DFT-s-OFDM QPSK	24/0	8.5782	9.767	PASS
n77(3450-3550MHz)	30	10	636332	DFT-s-OFDM 16QAM	24/0	8.5961	9.767	PASS
n77(3450-3550MHz)	30	10	636332	DFT-s-OFDM 64QAM	24/0	8.5781	9.630	PASS
n77(3450-3550MHz)	30	10	636332	DFT-s-OFDM 256QAM	24/0	8.5976	9.888	PASS
n77(3450-3550MHz)	30	10	636332	CP-OFDM QPSK	24/0	8.5930	9.615	PASS
n77(3450-3550MHz)	30	15	630500	DFT-s-OFDM PI/2 BPSK	36/0	12.847	14.118	PASS
n77(3450-3550MHz)	30	15	630500	DFT-s-OFDM QPSK	36/0	12.855	13.950	PASS



n77(3450-3550MHz)	30	15	630500	DFT-s-OFDM 16QAM	36/0	12.890	14.070	PASS
n77(3450-3550MHz)	30	15	630500	DFT-s-OFDM 64QAM	36/0	12.862	13.911	PASS
n77(3450-3550MHz)	30	15	630500	DFT-s-OFDM 256QAM	36/0	12.870	14.197	PASS
n77(3450-3550MHz)	30	15	630500	CP-OFDM QPSK	38/0	12.874	14.222	PASS
n77(3450-3550MHz)	30	15	633334	DFT-s-OFDM PI/2 BPSK	36/0	12.853	14.041	PASS
n77(3450-3550MHz)	30	15	633334	DFT-s-OFDM QPSK	36/0	12.851	14.271	PASS
n77(3450-3550MHz)	30	15	633334	DFT-s-OFDM 16QAM	36/0	12.884	14.247	PASS
n77(3450-3550MHz)	30	15	633334	DFT-s-OFDM 64QAM	36/0	12.879	14.059	PASS
n77(3450-3550MHz)	30	15	633334	DFT-s-OFDM 256QAM	36/0	12.853	14.295	PASS
n77(3450-3550MHz)	30	15	633334	CP-OFDM QPSK	38/0	12.856	14.370	PASS
n77(3450-3550MHz)	30	15	636166	DFT-s-OFDM PI/2 BPSK	36/0	12.858	14.182	PASS
n77(3450-3550MHz)	30	15	636166	DFT-s-OFDM QPSK	36/0	12.837	14.078	PASS
n77(3450-3550MHz)	30	15	636166	DFT-s-OFDM 16QAM	36/0	12.893	14.175	PASS
n77(3450-3550MHz)	30	15	636166	DFT-s-OFDM 64QAM	36/0	12.864	14.131	PASS
n77(3450-3550MHz)	30	15	636166	DFT-s-OFDM 256QAM	36/0	12.871	14.230	PASS
n77(3450-3550MHz)	30	15	636166	CP-OFDM QPSK	38/0	12.874	14.460	PASS



n77(3450-3550MHz)	30	20	630668	DFT-s-OFDM PI/2 BPSK	50/0	17.794	19.475	PASS
n77(3450-3550MHz)	30	20	630668	DFT-s-OFDM QPSK	50/0	17.822	19.104	PASS
n77(3450-3550MHz)	30	20	630668	DFT-s-OFDM 16QAM	50/0	17.886	19.428	PASS
n77(3450-3550MHz)	30	20	630668	DFT-s-OFDM 64QAM	50/0	17.833	19.326	PASS
n77(3450-3550MHz)	30	20	630668	DFT-s-OFDM 256QAM	50/0	17.796	18.850	PASS
n77(3450-3550MHz)	30	20	630668	CP-OFDM QPSK	51/0	17.878	19.586	PASS
n77(3450-3550MHz)	30	20	633334	DFT-s-OFDM PI/2 BPSK	50/0	17.859	19.308	PASS
n77(3450-3550MHz)	30	20	633334	DFT-s-OFDM QPSK	50/0	17.845	19.248	PASS
n77(3450-3550MHz)	30	20	633334	DFT-s-OFDM 16QAM	50/0	17.811	19.215	PASS
n77(3450-3550MHz)	30	20	633334	DFT-s-OFDM 64QAM	50/0	17.862	19.337	PASS
n77(3450-3550MHz)	30	20	633334	DFT-s-OFDM 256QAM	50/0	17.802	19.285	PASS
n77(3450-3550MHz)	30	20	633334	CP-OFDM QPSK	51/0	17.884	19.573	PASS
n77(3450-3550MHz)	30	20	636000	DFT-s-OFDM PI/2 BPSK	50/0	17.824	19.414	PASS
n77(3450-3550MHz)	30	20	636000	DFT-s-OFDM QPSK	50/0	17.815	19.205	PASS
n77(3450-3550MHz)	30	20	636000	DFT-s-OFDM 16QAM	50/0	17.853	19.296	PASS
n77(3450-3550MHz)	30	20	636000	DFT-s-OFDM	50/0	17.852	19.269	PASS



				64QAM				
n77(3450-3550MHz)	30	20	636000	DFT-s-OFDM 256QAM	50/0	17.817	19.002	PASS
n77(3450-3550MHz)	30	20	636000	CP-OFDM QPSK	51/0	17.872	19.468	PASS
n77(3450-3550MHz)	30	30	631000	DFT-s-OFDM PI/2 BPSK	75/0	26.774	28.374	PASS
n77(3450-3550MHz)	30	30	631000	DFT-s-OFDM QPSK	75/0	26.800	28.403	PASS
n77(3450-3550MHz)	30	30	631000	DFT-s-OFDM 16QAM	75/0	26.830	28.523	PASS
n77(3450-3550MHz)	30	30	631000	DFT-s-OFDM 64QAM	75/0	26.786	28.266	PASS
n77(3450-3550MHz)	30	30	631000	DFT-s-OFDM 256QAM	75/0	26.822	28.623	PASS
n77(3450-3550MHz)	30	30	631000	CP-OFDM QPSK	78/0	26.819	29.050	PASS
n77(3450-3550MHz)	30	30	633334	DFT-s-OFDM PI/2 BPSK	75/0	26.777	28.311	PASS
n77(3450-3550MHz)	30	30	633334	DFT-s-OFDM QPSK	75/0	26.818	28.400	PASS
n77(3450-3550MHz)	30	30	633334	DFT-s-OFDM 16QAM	75/0	26.840	28.599	PASS
n77(3450-3550MHz)	30	30	633334	DFT-s-OFDM 64QAM	75/0	26.774	28.664	PASS
n77(3450-3550MHz)	30	30	633334	DFT-s-OFDM 256QAM	75/0	26.829	28.718	PASS
n77(3450-3550MHz)	30	30	633334	CP-OFDM QPSK	78/0	26.818	28.609	PASS
n77(3450-3550MHz)	30	30	635666	DFT-s-OFDM PI/2 BPSK	75/0	26.769	28.282	PASS
n77(3450-	30	30	635666	DFT-s-	75/0	26.803	28.415	PASS



3550MHz)				OFDM QPSK				
n77(3450- 3550MHz)	30	30	635666	DFT-s- OFDM 16QAM	75/0	26.817	28.438	PASS
n77(3450- 3550MHz)	30	30	635666	DFT-s- OFDM 64QAM	75/0	26.786	28.365	PASS
n77(3450- 3550MHz)	30	30	635666	DFT-s- OFDM 256QAM	75/0	26.874	28.712	PASS
n77(3450- 3550MHz)	30	30	635666	CP-OFDM QPSK	78/0	26.773	28.634	PASS
n77(3450- 3550MHz)	30	40	631334	DFT-s- OFDM PI/2 BPSK	100/0	35.707	37.454	PASS
n77(3450- 3550MHz)	30	40	631334	DFT-s- OFDM QPSK	100/0	35.733	37.663	PASS
n77(3450- 3550MHz)	30	40	631334	DFT-s- OFDM 16QAM	100/0	35.725	37.735	PASS
n77(3450- 3550MHz)	30	40	631334	DFT-s- OFDM 64QAM	100/0	35.742	37.724	PASS
n77(3450- 3550MHz)	30	40	631334	DFT-s- OFDM 256QAM	100/0	35.743	37.642	PASS
n77(3450- 3550MHz)	30	40	631334	CP-OFDM QPSK	106/0	35.656	37.693	PASS
n77(3450- 3550MHz)	30	40	633334	DFT-s- OFDM PI/2 BPSK	100/0	35.699	37.666	PASS
n77(3450- 3550MHz)	30	40	633334	DFT-s- OFDM QPSK	100/0	35.760	37.765	PASS
n77(3450- 3550MHz)	30	40	633334	DFT-s- OFDM 16QAM	100/0	35.774	37.706	PASS
n77(3450- 3550MHz)	30	40	633334	DFT-s- OFDM 64QAM	100/0	35.752	37.756	PASS
n77(3450- 3550MHz)	30	40	633334	DFT-s- OFDM 256QAM	100/0	35.732	37.621	PASS



n77(3450-3550MHz)	30	40	633334	CP-OFDM QPSK	106/0	35.674	37.823	PASS
n77(3450-3550MHz)	30	40	635332	DFT-s- OFDM PI/2 BPSK	100/0	35.697	37.529	PASS
n77(3450-3550MHz)	30	40	635332	DFT-s- OFDM QPSK	100/0	35.734	37.704	PASS
n77(3450-3550MHz)	30	40	635332	DFT-s- OFDM 16QAM	100/0	35.784	37.774	PASS
n77(3450-3550MHz)	30	40	635332	DFT-s- OFDM 64QAM	100/0	35.748	37.784	PASS
n77(3450-3550MHz)	30	40	635332	DFT-s- OFDM 256QAM	100/0	35.721	37.414	PASS
n77(3450-3550MHz)	30	40	635332	CP-OFDM QPSK	106/0	35.687	37.756	PASS
n77(3450-3550MHz)	30	50	631668	DFT-s- OFDM PI/2 BPSK	128/0	45.702	47.524	PASS
n77(3450-3550MHz)	30	50	631668	DFT-s- OFDM QPSK	128/0	45.787	47.885	PASS
n77(3450-3550MHz)	30	50	631668	DFT-s- OFDM 16QAM	128/0	45.735	47.763	PASS
n77(3450-3550MHz)	30	50	631668	DFT-s- OFDM 64QAM	128/0	45.735	47.545	PASS
n77(3450-3550MHz)	30	50	631668	DFT-s- OFDM 256QAM	128/0	45.690	47.770	PASS
n77(3450-3550MHz)	30	50	631668	CP-OFDM QPSK	133/0	45.672	47.951	PASS
n77(3450-3550MHz)	30	50	633334	DFT-s- OFDM PI/2 BPSK	128/0	45.709	47.798	PASS
n77(3450-3550MHz)	30	50	633334	DFT-s- OFDM QPSK	128/0	45.683	48.001	PASS
n77(3450-3550MHz)	30	50	633334	DFT-s- OFDM 16QAM	128/0	45.776	47.787	PASS



n77(3450-3550MHz)	30	50	633334	DFT-s-OFDM 64QAM	128/0	45.715	47.759	PASS
n77(3450-3550MHz)	30	50	633334	DFT-s-OFDM 256QAM	128/0	45.717	47.729	PASS
n77(3450-3550MHz)	30	50	633334	CP-OFDM QPSK	133/0	45.718	48.068	PASS
n77(3450-3550MHz)	30	50	635000	DFT-s-OFDM PI/2 BPSK	128/0	45.629	47.656	PASS
n77(3450-3550MHz)	30	50	635000	DFT-s-OFDM QPSK	128/0	45.718	47.907	PASS
n77(3450-3550MHz)	30	50	635000	DFT-s-OFDM 16QAM	128/0	45.863	47.791	PASS
n77(3450-3550MHz)	30	50	635000	DFT-s-OFDM 64QAM	128/0	45.713	47.752	PASS
n77(3450-3550MHz)	30	50	635000	DFT-s-OFDM 256QAM	128/0	45.732	47.796	PASS
n77(3450-3550MHz)	30	50	635000	CP-OFDM QPSK	133/0	45.665	47.997	PASS
n77(3450-3550MHz)	30	60	632000	DFT-s-OFDM PI/2 BPSK	162/0	57.824	60.417	PASS
n77(3450-3550MHz)	30	60	632000	DFT-s-OFDM QPSK	162/0	57.779	60.575	PASS
n77(3450-3550MHz)	30	60	632000	DFT-s-OFDM 16QAM	162/0	57.780	60.209	PASS
n77(3450-3550MHz)	30	60	632000	DFT-s-OFDM 64QAM	162/0	57.782	60.387	PASS
n77(3450-3550MHz)	30	60	632000	DFT-s-OFDM 256QAM	162/0	57.907	60.270	PASS
n77(3450-3550MHz)	30	60	632000	CP-OFDM QPSK	162/0	57.726	60.125	PASS
n77(3450-3550MHz)	30	60	633334	DFT-s-OFDM PI/2 BPSK	162/0	57.814	60.181	PASS



n77(3450-3550MHz)	30	60	633334	DFT-s-OFDM QPSK	162/0	57.810	60.271	PASS
n77(3450-3550MHz)	30	60	633334	DFT-s-OFDM 16QAM	162/0	57.953	60.123	PASS
n77(3450-3550MHz)	30	60	633334	DFT-s-OFDM 64QAM	162/0	57.960	60.398	PASS
n77(3450-3550MHz)	30	60	633334	DFT-s-OFDM 256QAM	162/0	57.797	60.427	PASS
n77(3450-3550MHz)	30	60	633334	CP-OFDM QPSK	162/0	57.771	60.475	PASS
n77(3450-3550MHz)	30	60	634666	DFT-s-OFDM PI/2 BPSK	162/0	57.852	60.293	PASS
n77(3450-3550MHz)	30	60	634666	DFT-s-OFDM QPSK	162/0	57.802	60.466	PASS
n77(3450-3550MHz)	30	60	634666	DFT-s-OFDM 16QAM	162/0	57.739	60.444	PASS
n77(3450-3550MHz)	30	60	634666	DFT-s-OFDM 64QAM	162/0	57.835	60.290	PASS
n77(3450-3550MHz)	30	60	634666	DFT-s-OFDM 256QAM	162/0	57.789	60.409	PASS
n77(3450-3550MHz)	30	60	634666	CP-OFDM QPSK	162/0	57.786	60.067	PASS
n77(3450-3550MHz)	30	70	632334	DFT-s-OFDM PI/2 BPSK	180/0	64.252	66.864	PASS
n77(3450-3550MHz)	30	70	632334	DFT-s-OFDM QPSK	180/0	64.168	67.001	PASS
n77(3450-3550MHz)	30	70	632334	DFT-s-OFDM 16QAM	180/0	64.216	66.906	PASS
n77(3450-3550MHz)	30	70	632334	DFT-s-OFDM 64QAM	180/0	64.110	66.840	PASS
n77(3450-3550MHz)	30	70	632334	DFT-s-OFDM	180/0	64.198	66.861	PASS



				256QAM				
n77(3450-3550MHz)	30	70	632334	CP-OFDM QPSK	189/0	64.221	66.958	PASS
n77(3450-3550MHz)	30	70	633334	DFT-s-OFDM PI/2 BPSK	180/0	64.191	66.892	PASS
n77(3450-3550MHz)	30	70	633334	DFT-s-OFDM QPSK	180/0	64.330	66.801	PASS
n77(3450-3550MHz)	30	70	633334	DFT-s-OFDM 16QAM	180/0	64.173	66.703	PASS
n77(3450-3550MHz)	30	70	633334	DFT-s-OFDM 64QAM	180/0	64.127	66.858	PASS
n77(3450-3550MHz)	30	70	633334	DFT-s-OFDM 256QAM	180/0	64.206	66.639	PASS
n77(3450-3550MHz)	30	70	633334	CP-OFDM QPSK	189/0	64.191	67.164	PASS
n77(3450-3550MHz)	30	70	634332	DFT-s-OFDM PI/2 BPSK	180/0	64.281	66.905	PASS
n77(3450-3550MHz)	30	70	634332	DFT-s-OFDM QPSK	180/0	64.213	66.815	PASS
n77(3450-3550MHz)	30	70	634332	DFT-s-OFDM 16QAM	180/0	64.169	66.866	PASS
n77(3450-3550MHz)	30	70	634332	DFT-s-OFDM 64QAM	180/0	64.161	66.887	PASS
n77(3450-3550MHz)	30	70	634332	DFT-s-OFDM 256QAM	180/0	64.226	66.766	PASS
n77(3450-3550MHz)	30	70	634332	CP-OFDM QPSK	189/0	64.260	66.857	PASS
n77(3450-3550MHz)	30	80	632668	DFT-s-OFDM PI/2 BPSK	216/0	76.882	80.165	PASS
n77(3450-3550MHz)	30	80	632668	DFT-s-OFDM QPSK	216/0	77.090	80.045	PASS
n77(3450-	30	80	632668	DFT-s-	216/0	77.126	79.962	PASS



3550MHz)				OFDM 16QAM				
n77(3450- 3550MHz)	30	80	632668	DFT-s- OFDM 64QAM	216/0	77.110	80.018	PASS
n77(3450- 3550MHz)	30	80	632668	DFT-s- OFDM 256QAM	216/0	76.943	80.254	PASS
n77(3450- 3550MHz)	30	80	632668	CP-OFDM QPSK	217/0	77.053	80.092	PASS
n77(3450- 3550MHz)	30	80	633334	DFT-s- OFDM PI/2 BPSK	216/0	76.923	79.966	PASS
n77(3450- 3550MHz)	30	80	633334	DFT-s- OFDM QPSK	216/0	76.992	80.230	PASS
n77(3450- 3550MHz)	30	80	633334	DFT-s- OFDM 16QAM	216/0	77.174	80.041	PASS
n77(3450- 3550MHz)	30	80	633334	DFT-s- OFDM 64QAM	216/0	77.131	79.806	PASS
n77(3450- 3550MHz)	30	80	633334	DFT-s- OFDM 256QAM	216/0	77.069	79.934	PASS
n77(3450- 3550MHz)	30	80	633334	CP-OFDM QPSK	217/0	77.093	80.211	PASS
n77(3450- 3550MHz)	30	80	634000	DFT-s- OFDM PI/2 BPSK	216/0	76.994	80.126	PASS
n77(3450- 3550MHz)	30	80	634000	DFT-s- OFDM QPSK	216/0	77.026	80.208	PASS
n77(3450- 3550MHz)	30	80	634000	DFT-s- OFDM 16QAM	216/0	77.160	80.181	PASS
n77(3450- 3550MHz)	30	80	634000	DFT-s- OFDM 64QAM	216/0	77.095	80.024	PASS
n77(3450- 3550MHz)	30	80	634000	DFT-s- OFDM 256QAM	216/0	76.968	80.278	PASS
n77(3450- 3550MHz)	30	80	634000	CP-OFDM QPSK	217/0	77.105	80.007	PASS



n77(3450-3550MHz)	30	90	633000	DFT-s-OFDM PI/2 BPSK	243/0	86.645	89.879	PASS
n77(3450-3550MHz)	30	90	633000	DFT-s-OFDM QPSK	243/0	86.585	89.792	PASS
n77(3450-3550MHz)	30	90	633000	DFT-s-OFDM 16QAM	243/0	86.671	89.914	PASS
n77(3450-3550MHz)	30	90	633000	DFT-s-OFDM 64QAM	243/0	86.721	89.841	PASS
n77(3450-3550MHz)	30	90	633000	DFT-s-OFDM 256QAM	243/0	86.724	89.786	PASS
n77(3450-3550MHz)	30	90	633000	CP-OFDM QPSK	245/0	86.707	89.995	PASS
n77(3450-3550MHz)	30	90	633334	DFT-s-OFDM PI/2 BPSK	243/0	86.711	89.822	PASS
n77(3450-3550MHz)	30	90	633334	DFT-s-OFDM QPSK	243/0	86.644	89.943	PASS
n77(3450-3550MHz)	30	90	633334	DFT-s-OFDM 16QAM	243/0	86.741	89.896	PASS
n77(3450-3550MHz)	30	90	633334	DFT-s-OFDM 64QAM	243/0	86.649	89.874	PASS
n77(3450-3550MHz)	30	90	633334	DFT-s-OFDM 256QAM	243/0	86.690	89.740	PASS
n77(3450-3550MHz)	30	90	633334	CP-OFDM QPSK	245/0	86.734	89.982	PASS
n77(3450-3550MHz)	30	90	633666	DFT-s-OFDM PI/2 BPSK	243/0	86.606	89.710	PASS
n77(3450-3550MHz)	30	90	633666	DFT-s-OFDM QPSK	243/0	86.637	90.130	PASS
n77(3450-3550MHz)	30	90	633666	DFT-s-OFDM 16QAM	243/0	86.695	89.970	PASS
n77(3450-3550MHz)	30	90	633666	DFT-s-OFDM	243/0	86.734	89.966	PASS



				64QAM				
n77(3450-3550MHz)	30	90	633666	DFT-s-OFDM 256QAM	243/0	86.489	89.966	PASS
n77(3450-3550MHz)	30	90	633666	CP-OFDM QPSK	245/0	86.560	89.873	PASS
n77(3450-3550MHz)	30	100	633334	DFT-s-OFDM PI/2 BPSK	270/0	96.354	99.681	PASS
n77(3450-3550MHz)	30	100	633334	DFT-s-OFDM QPSK	270/0	96.280	99.646	PASS
n77(3450-3550MHz)	30	100	633334	DFT-s-OFDM 16QAM	270/0	96.395	100.028	PASS
n77(3450-3550MHz)	30	100	633334	DFT-s-OFDM 64QAM	270/0	96.242	99.698	PASS
n77(3450-3550MHz)	30	100	633334	DFT-s-OFDM 256QAM	270/0	96.292	99.738	PASS
n77(3450-3550MHz)	30	100	633334	CP-OFDM QPSK	273/0	96.366	99.612	PASS
n77(3700-3980MHz)	30	10	647000	DFT-s-OFDM PI/2 BPSK	24/0	8.5502	9.608	PASS
n77(3700-3980MHz)	30	10	647000	DFT-s-OFDM QPSK	24/0	8.5578	9.622	PASS
n77(3700-3980MHz)	30	10	647000	DFT-s-OFDM 16QAM	24/0	8.5728	9.404	PASS
n77(3700-3980MHz)	30	10	647000	DFT-s-OFDM 64QAM	24/0	8.5323	9.648	PASS
n77(3700-3980MHz)	30	10	647000	DFT-s-OFDM 256QAM	24/0	8.5827	9.853	PASS
n77(3700-3980MHz)	30	10	647000	CP-OFDM QPSK	24/0	8.5672	9.808	PASS
n77(3700-3980MHz)	30	10	656000	DFT-s-OFDM PI/2 BPSK	24/0	8.5782	9.513	PASS
n77(3700-	30	10	656000	DFT-s-	24/0	8.5557	9.407	PASS



3980MHz)				OFDM QPSK				
n77(3700-3980MHz)	30	10	656000	DFT-s-OFDM 16QAM	24/0	8.5845	9.768	PASS
n77(3700-3980MHz)	30	10	656000	DFT-s-OFDM 64QAM	24/0	8.5845	9.567	PASS
n77(3700-3980MHz)	30	10	656000	DFT-s-OFDM 256QAM	24/0	8.5799	9.598	PASS
n77(3700-3980MHz)	30	10	656000	CP-OFDM QPSK	24/0	8.5808	9.959	PASS
n77(3700-3980MHz)	30	10	665000	DFT-s-OFDM PI/2 BPSK	24/0	8.5856	9.487	PASS
n77(3700-3980MHz)	30	10	665000	DFT-s-OFDM QPSK	24/0	8.5691	9.599	PASS
n77(3700-3980MHz)	30	10	665000	DFT-s-OFDM 16QAM	24/0	8.5962	9.698	PASS
n77(3700-3980MHz)	30	10	665000	DFT-s-OFDM 64QAM	24/0	8.5745	9.648	PASS
n77(3700-3980MHz)	30	10	665000	DFT-s-OFDM 256QAM	24/0	8.5718	9.852	PASS
n77(3700-3980MHz)	30	10	665000	CP-OFDM QPSK	24/0	8.5739	9.521	PASS
n77(3700-3980MHz)	30	15	647168	DFT-s-OFDM PI/2 BPSK	36/0	12.847	14.080	PASS
n77(3700-3980MHz)	30	15	647168	DFT-s-OFDM QPSK	36/0	12.855	13.870	PASS
n77(3700-3980MHz)	30	15	647168	DFT-s-OFDM 16QAM	36/0	12.853	14.092	PASS
n77(3700-3980MHz)	30	15	647168	DFT-s-OFDM 64QAM	36/0	12.858	13.939	PASS
n77(3700-3980MHz)	30	15	647168	DFT-s-OFDM 256QAM	36/0	12.830	13.871	PASS



n77(3700-3980MHz)	30	15	647168	CP-OFDM QPSK	38/0	12.852	14.168	PASS
n77(3700-3980MHz)	30	15	656000	DFT-s- OFDM PI/2 BPSK	36/0	12.853	14.084	PASS
n77(3700-3980MHz)	30	15	656000	DFT-s- OFDM QPSK	36/0	12.845	14.216	PASS
n77(3700-3980MHz)	30	15	656000	DFT-s- OFDM 16QAM	36/0	12.881	14.308	PASS
n77(3700-3980MHz)	30	15	656000	DFT-s- OFDM 64QAM	36/0	12.875	14.086	PASS
n77(3700-3980MHz)	30	15	656000	DFT-s- OFDM 256QAM	36/0	12.840	14.282	PASS
n77(3700-3980MHz)	30	15	656000	CP-OFDM QPSK	38/0	12.858	14.156	PASS
n77(3700-3980MHz)	30	15	664832	DFT-s- OFDM PI/2 BPSK	36/0	12.855	14.046	PASS
n77(3700-3980MHz)	30	15	664832	DFT-s- OFDM QPSK	36/0	12.818	13.870	PASS
n77(3700-3980MHz)	30	15	664832	DFT-s- OFDM 16QAM	36/0	12.885	14.063	PASS
n77(3700-3980MHz)	30	15	664832	DFT-s- OFDM 64QAM	36/0	12.837	13.970	PASS
n77(3700-3980MHz)	30	15	664832	DFT-s- OFDM 256QAM	36/0	12.835	13.930	PASS
n77(3700-3980MHz)	30	15	664832	CP-OFDM QPSK	38/0	12.882	14.130	PASS
n77(3700-3980MHz)	30	20	647334	DFT-s- OFDM PI/2 BPSK	50/0	17.818	19.088	PASS
n77(3700-3980MHz)	30	20	647334	DFT-s- OFDM QPSK	50/0	17.823	19.286	PASS
n77(3700-3980MHz)	30	20	647334	DFT-s- OFDM 16QAM	50/0	17.892	19.230	PASS



n77(3700-3980MHz)	30	20	647334	DFT-s-OFDM 64QAM	50/0	17.825	19.419	PASS
n77(3700-3980MHz)	30	20	647334	DFT-s-OFDM 256QAM	50/0	17.808	19.052	PASS
n77(3700-3980MHz)	30	20	647334	CP-OFDM QPSK	51/0	17.855	19.439	PASS
n77(3700-3980MHz)	30	20	656000	DFT-s-OFDM PI/2 BPSK	50/0	17.806	19.062	PASS
n77(3700-3980MHz)	30	20	656000	DFT-s-OFDM QPSK	50/0	17.806	19.040	PASS
n77(3700-3980MHz)	30	20	656000	DFT-s-OFDM 16QAM	50/0	17.856	19.343	PASS
n77(3700-3980MHz)	30	20	656000	DFT-s-OFDM 64QAM	50/0	17.797	19.175	PASS
n77(3700-3980MHz)	30	20	656000	DFT-s-OFDM 256QAM	50/0	17.842	19.198	PASS
n77(3700-3980MHz)	30	20	656000	CP-OFDM QPSK	51/0	17.878	19.299	PASS
n77(3700-3980MHz)	30	20	664666	DFT-s-OFDM PI/2 BPSK	50/0	17.840	19.091	PASS
n77(3700-3980MHz)	30	20	664666	DFT-s-OFDM QPSK	50/0	17.805	19.124	PASS
n77(3700-3980MHz)	30	20	664666	DFT-s-OFDM 16QAM	50/0	17.851	19.136	PASS
n77(3700-3980MHz)	30	20	664666	DFT-s-OFDM 64QAM	50/0	17.817	19.034	PASS
n77(3700-3980MHz)	30	20	664666	DFT-s-OFDM 256QAM	50/0	17.821	18.908	PASS
n77(3700-3980MHz)	30	20	664666	CP-OFDM QPSK	51/0	17.855	19.234	PASS
n77(3700-3980MHz)	30	30	647668	DFT-s-OFDM PI/2 BPSK	75/0	26.763	28.382	PASS



n77(3700-3980MHz)	30	30	647668	DFT-s-OFDM QPSK	75/0	26.787	28.485	PASS
n77(3700-3980MHz)	30	30	647668	DFT-s-OFDM 16QAM	75/0	26.793	28.359	PASS
n77(3700-3980MHz)	30	30	647668	DFT-s-OFDM 64QAM	75/0	26.767	28.333	PASS
n77(3700-3980MHz)	30	30	647668	DFT-s-OFDM 256QAM	75/0	26.729	28.551	PASS
n77(3700-3980MHz)	30	30	647668	CP-OFDM QPSK	78/0	26.778	28.382	PASS
n77(3700-3980MHz)	30	30	656000	DFT-s-OFDM PI/2 BPSK	75/0	26.756	28.229	PASS
n77(3700-3980MHz)	30	30	656000	DFT-s-OFDM QPSK	75/0	26.749	28.548	PASS
n77(3700-3980MHz)	30	30	656000	DFT-s-OFDM 16QAM	75/0	26.806	28.562	PASS
n77(3700-3980MHz)	30	30	656000	DFT-s-OFDM 64QAM	75/0	26.792	28.496	PASS
n77(3700-3980MHz)	30	30	656000	DFT-s-OFDM 256QAM	75/0	26.788	28.463	PASS
n77(3700-3980MHz)	30	30	656000	CP-OFDM QPSK	78/0	26.820	29.076	PASS
n77(3700-3980MHz)	30	30	664332	DFT-s-OFDM PI/2 BPSK	75/0	26.753	28.363	PASS
n77(3700-3980MHz)	30	30	664332	DFT-s-OFDM QPSK	75/0	26.844	28.273	PASS
n77(3700-3980MHz)	30	30	664332	DFT-s-OFDM 16QAM	75/0	26.779	28.248	PASS
n77(3700-3980MHz)	30	30	664332	DFT-s-OFDM 64QAM	75/0	26.739	28.209	PASS
n77(3700-3980MHz)	30	30	664332	DFT-s-OFDM	75/0	26.815	28.557	PASS



				256QAM				
n77(3700-3980MHz)	30	30	664332	CP-OFDM QPSK	78/0	26.818	28.421	PASS
n77(3700-3980MHz)	30	40	648000	DFT-s-OFDM PI/2 BPSK	100/0	35.752	37.314	PASS
n77(3700-3980MHz)	30	40	648000	DFT-s-OFDM QPSK	100/0	35.772	37.648	PASS
n77(3700-3980MHz)	30	40	648000	DFT-s-OFDM 16QAM	100/0	35.752	37.587	PASS
n77(3700-3980MHz)	30	40	648000	DFT-s-OFDM 64QAM	100/0	35.772	37.679	PASS
n77(3700-3980MHz)	30	40	648000	DFT-s-OFDM 256QAM	100/0	35.765	37.458	PASS
n77(3700-3980MHz)	30	40	648000	CP-OFDM QPSK	106/0	35.655	37.384	PASS
n77(3700-3980MHz)	30	40	656000	DFT-s-OFDM PI/2 BPSK	100/0	35.710	37.468	PASS
n77(3700-3980MHz)	30	40	656000	DFT-s-OFDM QPSK	100/0	35.748	37.912	PASS
n77(3700-3980MHz)	30	40	656000	DFT-s-OFDM 16QAM	100/0	35.787	37.560	PASS
n77(3700-3980MHz)	30	40	656000	DFT-s-OFDM 64QAM	100/0	35.793	37.731	PASS
n77(3700-3980MHz)	30	40	656000	DFT-s-OFDM 256QAM	100/0	35.776	37.585	PASS
n77(3700-3980MHz)	30	40	656000	CP-OFDM QPSK	106/0	35.705	37.543	PASS
n77(3700-3980MHz)	30	40	664000	DFT-s-OFDM PI/2 BPSK	100/0	35.721	37.836	PASS
n77(3700-3980MHz)	30	40	664000	DFT-s-OFDM QPSK	100/0	35.750	37.385	PASS
n77(3700-	30	40	664000	DFT-s-	100/0	35.831	37.701	PASS



3980MHz)				OFDM 16QAM				
n77(3700- 3980MHz)	30	40	664000	DFT-s- OFDM 64QAM	100/0	35.775	37.527	PASS
n77(3700- 3980MHz)	30	40	664000	DFT-s- OFDM 256QAM	100/0	35.771	37.669	PASS
n77(3700- 3980MHz)	30	40	664000	CP-OFDM QPSK	106/0	35.691	37.666	PASS
n77(3700- 3980MHz)	30	50	648334	DFT-s- OFDM PI/2 BPSK	128/0	45.753	47.776	PASS
n77(3700- 3980MHz)	30	50	648334	DFT-s- OFDM QPSK	128/0	45.745	47.857	PASS
n77(3700- 3980MHz)	30	50	648334	DFT-s- OFDM 16QAM	128/0	45.774	47.577	PASS
n77(3700- 3980MHz)	30	50	648334	DFT-s- OFDM 64QAM	128/0	45.738	47.652	PASS
n77(3700- 3980MHz)	30	50	648334	DFT-s- OFDM 256QAM	128/0	45.776	47.718	PASS
n77(3700- 3980MHz)	30	50	648334	CP-OFDM QPSK	133/0	45.667	47.901	PASS
n77(3700- 3980MHz)	30	50	656000	DFT-s- OFDM PI/2 BPSK	128/0	45.754	47.422	PASS
n77(3700- 3980MHz)	30	50	656000	DFT-s- OFDM QPSK	128/0	45.700	47.876	PASS
n77(3700- 3980MHz)	30	50	656000	DFT-s- OFDM 16QAM	128/0	45.813	47.703	PASS
n77(3700- 3980MHz)	30	50	656000	DFT-s- OFDM 64QAM	128/0	45.771	47.937	PASS
n77(3700- 3980MHz)	30	50	656000	DFT-s- OFDM 256QAM	128/0	45.763	47.407	PASS
n77(3700- 3980MHz)	30	50	656000	CP-OFDM QPSK	133/0	45.646	47.722	PASS



n77(3700-3980MHz)	30	50	663666	DFT-s-OFDM PI/2 BPSK	128/0	45.743	47.558	PASS
n77(3700-3980MHz)	30	50	663666	DFT-s-OFDM QPSK	128/0	45.710	47.927	PASS
n77(3700-3980MHz)	30	50	663666	DFT-s-OFDM 16QAM	128/0	45.839	47.745	PASS
n77(3700-3980MHz)	30	50	663666	DFT-s-OFDM 64QAM	128/0	45.709	47.563	PASS
n77(3700-3980MHz)	30	50	663666	DFT-s-OFDM 256QAM	128/0	45.733	47.547	PASS
n77(3700-3980MHz)	30	50	663666	CP-OFDM QPSK	133/0	45.660	47.730	PASS
n77(3700-3980MHz)	30	60	648668	DFT-s-OFDM PI/2 BPSK	162/0	57.863	60.364	PASS
n77(3700-3980MHz)	30	60	648668	DFT-s-OFDM QPSK	162/0	57.725	60.120	PASS
n77(3700-3980MHz)	30	60	648668	DFT-s-OFDM 16QAM	162/0	57.793	60.214	PASS
n77(3700-3980MHz)	30	60	648668	DFT-s-OFDM 64QAM	162/0	57.808	60.304	PASS
n77(3700-3980MHz)	30	60	648668	DFT-s-OFDM 256QAM	162/0	57.947	60.343	PASS
n77(3700-3980MHz)	30	60	648668	CP-OFDM QPSK	162/0	57.727	59.955	PASS
n77(3700-3980MHz)	30	60	656000	DFT-s-OFDM PI/2 BPSK	162/0	57.878	60.327	PASS
n77(3700-3980MHz)	30	60	656000	DFT-s-OFDM QPSK	162/0	57.828	60.004	PASS
n77(3700-3980MHz)	30	60	656000	DFT-s-OFDM 16QAM	162/0	57.809	60.192	PASS
n77(3700-3980MHz)	30	60	656000	DFT-s-OFDM	162/0	57.866	60.264	PASS



				64QAM				
n77(3700-3980MHz)	30	60	656000	DFT-s-OFDM 256QAM	162/0	57.889	60.239	PASS
n77(3700-3980MHz)	30	60	656000	CP-OFDM QPSK	162/0	57.729	59.984	PASS
n77(3700-3980MHz)	30	60	663332	DFT-s-OFDM PI/2 BPSK	162/0	57.878	60.381	PASS
n77(3700-3980MHz)	30	60	663332	DFT-s-OFDM QPSK	162/0	57.816	60.127	PASS
n77(3700-3980MHz)	30	60	663332	DFT-s-OFDM 16QAM	162/0	57.785	60.045	PASS
n77(3700-3980MHz)	30	60	663332	DFT-s-OFDM 64QAM	162/0	57.795	60.137	PASS
n77(3700-3980MHz)	30	60	663332	DFT-s-OFDM 256QAM	162/0	57.954	60.036	PASS
n77(3700-3980MHz)	30	60	663332	CP-OFDM QPSK	162/0	57.721	59.908	PASS
n77(3700-3980MHz)	30	70	649000	DFT-s-OFDM PI/2 BPSK	180/0	64.161	66.578	PASS
n77(3700-3980MHz)	30	70	649000	DFT-s-OFDM QPSK	180/0	64.118	66.710	PASS
n77(3700-3980MHz)	30	70	649000	DFT-s-OFDM 16QAM	180/0	64.200	66.758	PASS
n77(3700-3980MHz)	30	70	649000	DFT-s-OFDM 64QAM	180/0	64.266	66.829	PASS
n77(3700-3980MHz)	30	70	649000	DFT-s-OFDM 256QAM	180/0	64.234	66.782	PASS
n77(3700-3980MHz)	30	70	649000	CP-OFDM QPSK	189/0	64.210	66.889	PASS
n77(3700-3980MHz)	30	70	656000	DFT-s-OFDM PI/2 BPSK	180/0	64.287	66.449	PASS
n77(3700-	30	70	656000	DFT-s-	180/0	64.183	66.610	PASS



3980MHz)				OFDM QPSK				
n77(3700- 3980MHz)	30	70	656000	DFT-s- OFDM 16QAM	180/0	64.239	67.062	PASS
n77(3700- 3980MHz)	30	70	656000	DFT-s- OFDM 64QAM	180/0	64.191	66.964	PASS
n77(3700- 3980MHz)	30	70	656000	DFT-s- OFDM 256QAM	180/0	64.187	66.674	PASS
n77(3700- 3980MHz)	30	70	656000	CP-OFDM QPSK	189/0	64.123	66.960	PASS
n77(3700- 3980MHz)	30	70	663000	DFT-s- OFDM PI/2 BPSK	180/0	64.321	66.668	PASS
n77(3700- 3980MHz)	30	70	663000	DFT-s- OFDM QPSK	180/0	64.156	66.769	PASS
n77(3700- 3980MHz)	30	70	663000	DFT-s- OFDM 16QAM	180/0	64.236	66.868	PASS
n77(3700- 3980MHz)	30	70	663000	DFT-s- OFDM 64QAM	180/0	64.154	66.912	PASS
n77(3700- 3980MHz)	30	70	663000	DFT-s- OFDM 256QAM	180/0	64.188	66.940	PASS
n77(3700- 3980MHz)	30	70	663000	CP-OFDM QPSK	189/0	64.207	66.713	PASS
n77(3700- 3980MHz)	30	80	649334	DFT-s- OFDM PI/2 BPSK	216/0	77.060	79.813	PASS
n77(3700- 3980MHz)	30	80	649334	DFT-s- OFDM QPSK	216/0	77.105	79.851	PASS
n77(3700- 3980MHz)	30	80	649334	DFT-s- OFDM 16QAM	216/0	77.202	79.768	PASS
n77(3700- 3980MHz)	30	80	649334	DFT-s- OFDM 64QAM	216/0	77.183	79.625	PASS
n77(3700- 3980MHz)	30	80	649334	DFT-s- OFDM 256QAM	216/0	77.065	80.260	PASS



n77(3700-3980MHz)	30	80	649334	CP-OFDM QPSK	217/0	77.045	79.885	PASS
n77(3700-3980MHz)	30	80	656000	DFT-s- OFDM PI/2 BPSK	216/0	77.014	80.149	PASS
n77(3700-3980MHz)	30	80	656000	DFT-s- OFDM QPSK	216/0	76.957	79.965	PASS
n77(3700-3980MHz)	30	80	656000	DFT-s- OFDM 16QAM	216/0	77.127	79.849	PASS
n77(3700-3980MHz)	30	80	656000	DFT-s- OFDM 64QAM	216/0	77.070	79.726	PASS
n77(3700-3980MHz)	30	80	656000	DFT-s- OFDM 256QAM	216/0	77.011	79.773	PASS
n77(3700-3980MHz)	30	80	656000	CP-OFDM QPSK	217/0	77.136	79.924	PASS
n77(3700-3980MHz)	30	80	662666	DFT-s- OFDM PI/2 BPSK	216/0	77.072	80.094	PASS
n77(3700-3980MHz)	30	80	662666	DFT-s- OFDM QPSK	216/0	77.135	79.928	PASS
n77(3700-3980MHz)	30	80	662666	DFT-s- OFDM 16QAM	216/0	77.077	80.047	PASS
n77(3700-3980MHz)	30	80	662666	DFT-s- OFDM 64QAM	216/0	77.086	79.847	PASS
n77(3700-3980MHz)	30	80	662666	DFT-s- OFDM 256QAM	216/0	77.039	79.866	PASS
n77(3700-3980MHz)	30	80	662666	CP-OFDM QPSK	217/0	77.097	79.717	PASS
n77(3700-3980MHz)	30	90	649666	DFT-s- OFDM PI/2 BPSK	243/0	86.563	89.816	PASS
n77(3700-3980MHz)	30	90	649666	DFT-s- OFDM QPSK	243/0	86.556	89.676	PASS
n77(3700-3980MHz)	30	90	649666	DFT-s- OFDM 16QAM	243/0	86.623	89.790	PASS



n77(3700-3980MHz)	30	90	649666	DFT-s-OFDM 64QAM	243/0	86.792	89.646	PASS
n77(3700-3980MHz)	30	90	649666	DFT-s-OFDM 256QAM	243/0	86.661	89.788	PASS
n77(3700-3980MHz)	30	90	649666	CP-OFDM QPSK	245/0	86.676	89.655	PASS
n77(3700-3980MHz)	30	90	656000	DFT-s-OFDM PI/2 BPSK	243/0	86.523	90.011	PASS
n77(3700-3980MHz)	30	90	656000	DFT-s-OFDM QPSK	243/0	86.660	89.699	PASS
n77(3700-3980MHz)	30	90	656000	DFT-s-OFDM 16QAM	243/0	86.732	89.793	PASS
n77(3700-3980MHz)	30	90	656000	DFT-s-OFDM 64QAM	243/0	86.471	89.590	PASS
n77(3700-3980MHz)	30	90	656000	DFT-s-OFDM 256QAM	243/0	86.804	89.682	PASS
n77(3700-3980MHz)	30	90	656000	CP-OFDM QPSK	245/0	86.830	89.673	PASS
n77(3700-3980MHz)	30	90	662332	DFT-s-OFDM PI/2 BPSK	243/0	86.733	89.753	PASS
n77(3700-3980MHz)	30	90	662332	DFT-s-OFDM QPSK	243/0	86.459	89.579	PASS
n77(3700-3980MHz)	30	90	662332	DFT-s-OFDM 16QAM	243/0	86.551	89.766	PASS
n77(3700-3980MHz)	30	90	662332	DFT-s-OFDM 64QAM	243/0	86.732	89.868	PASS
n77(3700-3980MHz)	30	90	662332	DFT-s-OFDM 256QAM	243/0	86.563	89.736	PASS
n77(3700-3980MHz)	30	90	662332	CP-OFDM QPSK	245/0	86.694	89.700	PASS
n77(3700-3980MHz)	30	100	650000	DFT-s-OFDM PI/2 BPSK	270/0	96.303	99.663	PASS



n77(3700-3980MHz)	30	100	650000	DFT-s-OFDM QPSK	270/0	96.360	99.922	PASS
n77(3700-3980MHz)	30	100	650000	DFT-s-OFDM 16QAM	270/0	96.430	99.916	PASS
n77(3700-3980MHz)	30	100	650000	DFT-s-OFDM 64QAM	270/0	96.310	99.805	PASS
n77(3700-3980MHz)	30	100	650000	DFT-s-OFDM 256QAM	270/0	96.349	99.712	PASS
n77(3700-3980MHz)	30	100	650000	CP-OFDM QPSK	273/0	96.524	99.753	PASS
n77(3700-3980MHz)	30	100	656000	DFT-s-OFDM PI/2 BPSK	270/0	95.804	99.451	PASS
n77(3700-3980MHz)	30	100	656000	DFT-s-OFDM QPSK	270/0	96.332	99.738	PASS
n77(3700-3980MHz)	30	100	656000	DFT-s-OFDM 16QAM	270/0	96.417	99.737	PASS
n77(3700-3980MHz)	30	100	656000	DFT-s-OFDM 64QAM	270/0	96.370	99.785	PASS
n77(3700-3980MHz)	30	100	656000	DFT-s-OFDM 256QAM	270/0	96.367	99.594	PASS
n77(3700-3980MHz)	30	100	656000	CP-OFDM QPSK	273/0	96.225	99.677	PASS
n77(3700-3980MHz)	30	100	662000	DFT-s-OFDM PI/2 BPSK	270/0	96.388	99.615	PASS
n77(3700-3980MHz)	30	100	662000	DFT-s-OFDM QPSK	270/0	96.376	99.748	PASS
n77(3700-3980MHz)	30	100	662000	DFT-s-OFDM 16QAM	270/0	96.234	99.819	PASS
n77(3700-3980MHz)	30	100	662000	DFT-s-OFDM 64QAM	270/0	96.337	99.692	PASS
n77(3700-3980MHz)	30	100	662000	DFT-s-OFDM	270/0	96.334	99.805	PASS



				256QAM				
n77(3700-3980MHz)	30	100	662000	CP-OFDM QPSK	273/0	96.289	99.582	PASS
n78(3450-3550MHz)	30	10	630334	DFT-s-OFDM PI/2 BPSK	24/0	8.5684	9.542	PASS
n78(3450-3550MHz)	30	10	630334	DFT-s-OFDM QPSK	24/0	8.5759	9.754	PASS
n78(3450-3550MHz)	30	10	630334	DFT-s-OFDM 16QAM	24/0	8.5753	9.625	PASS
n78(3450-3550MHz)	30	10	630334	DFT-s-OFDM 64QAM	24/0	8.6393	9.687	PASS
n78(3450-3550MHz)	30	10	630334	DFT-s-OFDM 256QAM	24/0	8.5916	10.036	PASS
n78(3450-3550MHz)	30	10	630334	CP-OFDM QPSK	24/0	8.5755	9.754	PASS
n78(3450-3550MHz)	30	10	633334	DFT-s-OFDM PI/2 BPSK	24/0	8.5765	9.587	PASS
n78(3450-3550MHz)	30	10	633334	DFT-s-OFDM QPSK	24/0	8.5853	9.693	PASS
n78(3450-3550MHz)	30	10	633334	DFT-s-OFDM 16QAM	24/0	8.6301	9.813	PASS
n78(3450-3550MHz)	30	10	633334	DFT-s-OFDM 64QAM	24/0	8.6157	9.556	PASS
n78(3450-3550MHz)	30	10	633334	DFT-s-OFDM 256QAM	24/0	8.5947	9.712	PASS
n78(3450-3550MHz)	30	10	633334	CP-OFDM QPSK	24/0	8.5877	9.657	PASS
n78(3450-3550MHz)	30	10	636332	DFT-s-OFDM PI/2 BPSK	24/0	8.5854	9.651	PASS
n78(3450-3550MHz)	30	10	636332	DFT-s-OFDM QPSK	24/0	8.6057	9.658	PASS
n78(3450-	30	10	636332	DFT-s-	24/0	8.6096	9.664	PASS



3550MHz)				OFDM 16QAM				
n78(3450- 3550MHz)	30	10	636332	DFT-s- OFDM 64QAM	24/0	8.5978	9.651	PASS
n78(3450- 3550MHz)	30	10	636332	DFT-s- OFDM 256QAM	24/0	8.5949	10.021	PASS
n78(3450- 3550MHz)	30	10	636332	CP-OFDM QPSK	24/0	8.5782	9.907	PASS
n78(3450- 3550MHz)	30	15	630500	DFT-s- OFDM PI/2 BPSK	36/0	12.847	14.209	PASS
n78(3450- 3550MHz)	30	15	630500	DFT-s- OFDM QPSK	36/0	12.851	13.856	PASS
n78(3450- 3550MHz)	30	15	630500	DFT-s- OFDM 16QAM	36/0	12.883	14.139	PASS
n78(3450- 3550MHz)	30	15	630500	DFT-s- OFDM 64QAM	36/0	12.865	14.029	PASS
n78(3450- 3550MHz)	30	15	630500	DFT-s- OFDM 256QAM	36/0	12.836	14.011	PASS
n78(3450- 3550MHz)	30	15	630500	CP-OFDM QPSK	38/0	12.883	14.264	PASS
n78(3450- 3550MHz)	30	15	633334	DFT-s- OFDM PI/2 BPSK	36/0	12.862	14.043	PASS
n78(3450- 3550MHz)	30	15	633334	DFT-s- OFDM QPSK	36/0	12.838	14.122	PASS
n78(3450- 3550MHz)	30	15	633334	DFT-s- OFDM 16QAM	36/0	12.876	14.288	PASS
n78(3450- 3550MHz)	30	15	633334	DFT-s- OFDM 64QAM	36/0	12.863	14.096	PASS
n78(3450- 3550MHz)	30	15	633334	DFT-s- OFDM 256QAM	36/0	12.844	14.138	PASS
n78(3450- 3550MHz)	30	15	633334	CP-OFDM QPSK	38/0	12.880	14.147	PASS



n78(3450-3550MHz)	30	15	636166	DFT-s-OFDM PI/2 BPSK	36/0	12.871	14.139	PASS
n78(3450-3550MHz)	30	15	636166	DFT-s-OFDM QPSK	36/0	12.842	14.041	PASS
n78(3450-3550MHz)	30	15	636166	DFT-s-OFDM 16QAM	36/0	12.871	14.067	PASS
n78(3450-3550MHz)	30	15	636166	DFT-s-OFDM 64QAM	36/0	12.871	14.173	PASS
n78(3450-3550MHz)	30	15	636166	DFT-s-OFDM 256QAM	36/0	12.866	14.128	PASS
n78(3450-3550MHz)	30	15	636166	CP-OFDM QPSK	38/0	12.905	14.567	PASS
n78(3450-3550MHz)	30	20	630668	DFT-s-OFDM PI/2 BPSK	50/0	17.816	19.496	PASS
n78(3450-3550MHz)	30	20	630668	DFT-s-OFDM QPSK	50/0	17.826	19.048	PASS
n78(3450-3550MHz)	30	20	630668	DFT-s-OFDM 16QAM	50/0	17.892	19.211	PASS
n78(3450-3550MHz)	30	20	630668	DFT-s-OFDM 64QAM	50/0	17.834	19.479	PASS
n78(3450-3550MHz)	30	20	630668	DFT-s-OFDM 256QAM	50/0	17.797	18.911	PASS
n78(3450-3550MHz)	30	20	630668	CP-OFDM QPSK	51/0	17.871	19.486	PASS
n78(3450-3550MHz)	30	20	633334	DFT-s-OFDM PI/2 BPSK	50/0	17.854	19.107	PASS
n78(3450-3550MHz)	30	20	633334	DFT-s-OFDM QPSK	50/0	17.823	19.202	PASS
n78(3450-3550MHz)	30	20	633334	DFT-s-OFDM 16QAM	50/0	17.869	19.302	PASS
n78(3450-3550MHz)	30	20	633334	DFT-s-OFDM	50/0	17.833	19.079	PASS



				64QAM				
n78(3450-3550MHz)	30	20	633334	DFT-s-OFDM 256QAM	50/0	17.864	19.126	PASS
n78(3450-3550MHz)	30	20	633334	CP-OFDM QPSK	51/0	17.873	19.469	PASS
n78(3450-3550MHz)	30	20	636000	DFT-s-OFDM PI/2 BPSK	50/0	17.827	19.251	PASS
n78(3450-3550MHz)	30	20	636000	DFT-s-OFDM QPSK	50/0	17.828	19.162	PASS
n78(3450-3550MHz)	30	20	636000	DFT-s-OFDM 16QAM	50/0	17.904	19.366	PASS
n78(3450-3550MHz)	30	20	636000	DFT-s-OFDM 64QAM	50/0	17.845	19.123	PASS
n78(3450-3550MHz)	30	20	636000	DFT-s-OFDM 256QAM	50/0	17.854	19.368	PASS
n78(3450-3550MHz)	30	20	636000	CP-OFDM QPSK	51/0	17.854	19.363	PASS
n78(3450-3550MHz)	30	30	631000	DFT-s-OFDM PI/2 BPSK	75/0	26.762	28.464	PASS
n78(3450-3550MHz)	30	30	631000	DFT-s-OFDM QPSK	75/0	26.814	28.540	PASS
n78(3450-3550MHz)	30	30	631000	DFT-s-OFDM 16QAM	75/0	26.796	28.467	PASS
n78(3450-3550MHz)	30	30	631000	DFT-s-OFDM 64QAM	75/0	26.771	28.574	PASS
n78(3450-3550MHz)	30	30	631000	DFT-s-OFDM 256QAM	75/0	26.824	28.563	PASS
n78(3450-3550MHz)	30	30	631000	CP-OFDM QPSK	78/0	26.812	29.050	PASS
n78(3450-3550MHz)	30	30	633334	DFT-s-OFDM PI/2 BPSK	75/0	26.789	28.568	PASS
n78(3450-	30	30	633334	DFT-s-	75/0	26.781	28.434	PASS



3550MHz)				OFDM QPSK				
n78(3450-3550MHz)	30	30	633334	DFT-s-OFDM 16QAM	75/0	26.845	28.620	PASS
n78(3450-3550MHz)	30	30	633334	DFT-s-OFDM 64QAM	75/0	26.802	28.426	PASS
n78(3450-3550MHz)	30	30	633334	DFT-s-OFDM 256QAM	75/0	26.857	28.560	PASS
n78(3450-3550MHz)	30	30	633334	CP-OFDM QPSK	78/0	26.786	28.915	PASS
n78(3450-3550MHz)	30	30	635666	DFT-s-OFDM PI/2 BPSK	75/0	26.795	28.418	PASS
n78(3450-3550MHz)	30	30	635666	DFT-s-OFDM QPSK	75/0	26.811	28.368	PASS
n78(3450-3550MHz)	30	30	635666	DFT-s-OFDM 16QAM	75/0	26.869	28.582	PASS
n78(3450-3550MHz)	30	30	635666	DFT-s-OFDM 64QAM	75/0	26.808	28.242	PASS
n78(3450-3550MHz)	30	30	635666	DFT-s-OFDM 256QAM	75/0	26.806	28.543	PASS
n78(3450-3550MHz)	30	30	635666	CP-OFDM QPSK	78/0	26.800	29.172	PASS
n78(3450-3550MHz)	30	40	631334	DFT-s-OFDM PI/2 BPSK	100/0	35.720	37.515	PASS
n78(3450-3550MHz)	30	40	631334	DFT-s-OFDM QPSK	100/0	35.731	37.885	PASS
n78(3450-3550MHz)	30	40	631334	DFT-s-OFDM 16QAM	100/0	35.762	37.830	PASS
n78(3450-3550MHz)	30	40	631334	DFT-s-OFDM 64QAM	100/0	35.750	37.745	PASS
n78(3450-3550MHz)	30	40	631334	DFT-s-OFDM 256QAM	100/0	35.745	37.563	PASS



n78(3450-3550MHz)	30	40	631334	CP-OFDM QPSK	106/0	35.676	37.813	PASS
n78(3450-3550MHz)	30	40	633334	DFT-s- OFDM PI/2 BPSK	100/0	35.720	37.541	PASS
n78(3450-3550MHz)	30	40	633334	DFT-s- OFDM QPSK	100/0	35.785	37.793	PASS
n78(3450-3550MHz)	30	40	633334	DFT-s- OFDM 16QAM	100/0	35.833	37.779	PASS
n78(3450-3550MHz)	30	40	633334	DFT-s- OFDM 64QAM	100/0	35.844	37.830	PASS
n78(3450-3550MHz)	30	40	633334	DFT-s- OFDM 256QAM	100/0	35.763	37.671	PASS
n78(3450-3550MHz)	30	40	633334	CP-OFDM QPSK	106/0	35.732	37.682	PASS
n78(3450-3550MHz)	30	40	635332	DFT-s- OFDM PI/2 BPSK	100/0	35.720	37.455	PASS
n78(3450-3550MHz)	30	40	635332	DFT-s- OFDM QPSK	100/0	35.739	37.812	PASS
n78(3450-3550MHz)	30	40	635332	DFT-s- OFDM 16QAM	100/0	35.800	37.769	PASS
n78(3450-3550MHz)	30	40	635332	DFT-s- OFDM 64QAM	100/0	35.778	37.664	PASS
n78(3450-3550MHz)	30	40	635332	DFT-s- OFDM 256QAM	100/0	35.740	37.591	PASS
n78(3450-3550MHz)	30	40	635332	CP-OFDM QPSK	106/0	35.733	37.638	PASS
n78(3450-3550MHz)	30	50	631668	DFT-s- OFDM PI/2 BPSK	128/0	45.772	47.677	PASS
n78(3450-3550MHz)	30	50	631668	DFT-s- OFDM QPSK	128/0	45.759	47.766	PASS
n78(3450-3550MHz)	30	50	631668	DFT-s- OFDM 16QAM	128/0	45.769	47.974	PASS



n78(3450-3550MHz)	30	50	631668	DFT-s-OFDM 64QAM	128/0	45.717	47.715	PASS
n78(3450-3550MHz)	30	50	631668	DFT-s-OFDM 256QAM	128/0	45.790	47.968	PASS
n78(3450-3550MHz)	30	50	631668	CP-OFDM QPSK	133/0	45.664	48.185	PASS
n78(3450-3550MHz)	30	50	633334	DFT-s-OFDM PI/2 BPSK	128/0	45.695	47.830	PASS
n78(3450-3550MHz)	30	50	633334	DFT-s-OFDM QPSK	128/0	45.803	47.875	PASS
n78(3450-3550MHz)	30	50	633334	DFT-s-OFDM 16QAM	128/0	45.804	47.811	PASS
n78(3450-3550MHz)	30	50	633334	DFT-s-OFDM 64QAM	128/0	45.715	47.707	PASS
n78(3450-3550MHz)	30	50	633334	DFT-s-OFDM 256QAM	128/0	45.756	47.724	PASS
n78(3450-3550MHz)	30	50	633334	CP-OFDM QPSK	133/0	45.684	47.817	PASS
n78(3450-3550MHz)	30	50	635000	DFT-s-OFDM PI/2 BPSK	128/0	45.702	47.777	PASS
n78(3450-3550MHz)	30	50	635000	DFT-s-OFDM QPSK	128/0	45.751	47.924	PASS
n78(3450-3550MHz)	30	50	635000	DFT-s-OFDM 16QAM	128/0	45.746	48.049	PASS
n78(3450-3550MHz)	30	50	635000	DFT-s-OFDM 64QAM	128/0	45.693	48.040	PASS
n78(3450-3550MHz)	30	50	635000	DFT-s-OFDM 256QAM	128/0	45.748	47.855	PASS
n78(3450-3550MHz)	30	50	635000	CP-OFDM QPSK	133/0	45.695	48.085	PASS
n78(3450-3550MHz)	30	60	632000	DFT-s-OFDM PI/2 BPSK	162/0	57.804	60.453	PASS



n78(3450-3550MHz)	30	60	632000	DFT-s-OFDM QPSK	162/0	57.774	60.393	PASS
n78(3450-3550MHz)	30	60	632000	DFT-s-OFDM 16QAM	162/0	57.787	60.072	PASS
n78(3450-3550MHz)	30	60	632000	DFT-s-OFDM 64QAM	162/0	57.821	60.364	PASS
n78(3450-3550MHz)	30	60	632000	DFT-s-OFDM 256QAM	162/0	57.814	60.277	PASS
n78(3450-3550MHz)	30	60	632000	CP-OFDM QPSK	162/0	57.806	60.476	PASS
n78(3450-3550MHz)	30	60	633334	DFT-s-OFDM PI/2 BPSK	162/0	57.863	60.407	PASS
n78(3450-3550MHz)	30	60	633334	DFT-s-OFDM QPSK	162/0	57.773	60.286	PASS
n78(3450-3550MHz)	30	60	633334	DFT-s-OFDM 16QAM	162/0	57.831	60.232	PASS
n78(3450-3550MHz)	30	60	633334	DFT-s-OFDM 64QAM	162/0	57.876	60.373	PASS
n78(3450-3550MHz)	30	60	633334	DFT-s-OFDM 256QAM	162/0	57.950	60.234	PASS
n78(3450-3550MHz)	30	60	633334	CP-OFDM QPSK	162/0	57.864	60.296	PASS
n78(3450-3550MHz)	30	60	634666	DFT-s-OFDM PI/2 BPSK	162/0	57.776	60.378	PASS
n78(3450-3550MHz)	30	60	634666	DFT-s-OFDM QPSK	162/0	57.973	60.386	PASS
n78(3450-3550MHz)	30	60	634666	DFT-s-OFDM 16QAM	162/0	57.861	60.257	PASS
n78(3450-3550MHz)	30	60	634666	DFT-s-OFDM 64QAM	162/0	57.882	60.362	PASS
n78(3450-3550MHz)	30	60	634666	DFT-s-OFDM	162/0	57.837	60.517	PASS



				256QAM				
n78(3450-3550MHz)	30	60	634666	CP-OFDM QPSK	162/0	57.751	60.383	PASS
n78(3450-3550MHz)	30	70	632334	DFT-s-OFDM PI/2 BPSK	180/0	64.195	66.946	PASS
n78(3450-3550MHz)	30	70	632334	DFT-s-OFDM QPSK	180/0	64.229	66.923	PASS
n78(3450-3550MHz)	30	70	632334	DFT-s-OFDM 16QAM	180/0	64.158	66.699	PASS
n78(3450-3550MHz)	30	70	632334	DFT-s-OFDM 64QAM	180/0	64.123	66.924	PASS
n78(3450-3550MHz)	30	70	632334	DFT-s-OFDM 256QAM	180/0	64.210	66.573	PASS
n78(3450-3550MHz)	30	70	632334	CP-OFDM QPSK	189/0	64.144	66.760	PASS
n78(3450-3550MHz)	30	70	633334	DFT-s-OFDM PI/2 BPSK	180/0	64.221	67.143	PASS
n78(3450-3550MHz)	30	70	633334	DFT-s-OFDM QPSK	180/0	64.280	66.720	PASS
n78(3450-3550MHz)	30	70	633334	DFT-s-OFDM 16QAM	180/0	64.129	66.863	PASS
n78(3450-3550MHz)	30	70	633334	DFT-s-OFDM 64QAM	180/0	64.191	66.857	PASS
n78(3450-3550MHz)	30	70	633334	DFT-s-OFDM 256QAM	180/0	64.177	66.595	PASS
n78(3450-3550MHz)	30	70	633334	CP-OFDM QPSK	189/0	64.123	67.252	PASS
n78(3450-3550MHz)	30	70	634332	DFT-s-OFDM PI/2 BPSK	180/0	64.232	66.936	PASS
n78(3450-3550MHz)	30	70	634332	DFT-s-OFDM QPSK	180/0	64.095	67.045	PASS
n78(3450-	30	70	634332	DFT-s-	180/0	64.176	66.965	PASS



3550MHz)				OFDM 16QAM				
n78(3450-3550MHz)	30	70	634332	DFT-s-OFDM 64QAM	180/0	64.157	66.803	PASS
n78(3450-3550MHz)	30	70	634332	DFT-s-OFDM 256QAM	180/0	64.137	66.797	PASS
n78(3450-3550MHz)	30	70	634332	CP-OFDM QPSK	189/0	64.114	66.998	PASS
n78(3450-3550MHz)	30	80	632668	DFT-s-OFDM PI/2 BPSK	216/0	76.885	79.818	PASS
n78(3450-3550MHz)	30	80	632668	DFT-s-OFDM QPSK	216/0	77.031	80.014	PASS
n78(3450-3550MHz)	30	80	632668	DFT-s-OFDM 16QAM	216/0	77.087	79.966	PASS
n78(3450-3550MHz)	30	80	632668	DFT-s-OFDM 64QAM	216/0	76.942	80.083	PASS
n78(3450-3550MHz)	30	80	632668	DFT-s-OFDM 256QAM	216/0	76.919	80.165	PASS
n78(3450-3550MHz)	30	80	632668	CP-OFDM QPSK	217/0	77.059	80.100	PASS
n78(3450-3550MHz)	30	80	633334	DFT-s-OFDM PI/2 BPSK	216/0	76.851	79.933	PASS
n78(3450-3550MHz)	30	80	633334	DFT-s-OFDM QPSK	216/0	77.122	80.209	PASS
n78(3450-3550MHz)	30	80	633334	DFT-s-OFDM 16QAM	216/0	77.094	79.988	PASS
n78(3450-3550MHz)	30	80	633334	DFT-s-OFDM 64QAM	216/0	77.025	80.075	PASS
n78(3450-3550MHz)	30	80	633334	DFT-s-OFDM 256QAM	216/0	77.056	80.034	PASS
n78(3450-3550MHz)	30	80	633334	CP-OFDM QPSK	217/0	77.076	80.022	PASS



n78(3450-3550MHz)	30	80	634000	DFT-s-OFDM PI/2 BPSK	216/0	76.977	80.071	PASS
n78(3450-3550MHz)	30	80	634000	DFT-s-OFDM QPSK	216/0	76.987	80.183	PASS
n78(3450-3550MHz)	30	80	634000	DFT-s-OFDM 16QAM	216/0	77.207	79.899	PASS
n78(3450-3550MHz)	30	80	634000	DFT-s-OFDM 64QAM	216/0	77.131	79.730	PASS
n78(3450-3550MHz)	30	80	634000	DFT-s-OFDM 256QAM	216/0	77.093	79.784	PASS
n78(3450-3550MHz)	30	80	634000	CP-OFDM QPSK	217/0	77.145	80.165	PASS
n78(3450-3550MHz)	30	90	633000	DFT-s-OFDM PI/2 BPSK	243/0	86.696	89.960	PASS
n78(3450-3550MHz)	30	90	633000	DFT-s-OFDM QPSK	243/0	86.619	89.784	PASS
n78(3450-3550MHz)	30	90	633000	DFT-s-OFDM 16QAM	243/0	86.691	90.012	PASS
n78(3450-3550MHz)	30	90	633000	DFT-s-OFDM 64QAM	243/0	86.771	89.758	PASS
n78(3450-3550MHz)	30	90	633000	DFT-s-OFDM 256QAM	243/0	86.745	90.008	PASS
n78(3450-3550MHz)	30	90	633000	CP-OFDM QPSK	245/0	86.564	89.950	PASS
n78(3450-3550MHz)	30	90	633334	DFT-s-OFDM PI/2 BPSK	243/0	86.699	90.025	PASS
n78(3450-3550MHz)	30	90	633334	DFT-s-OFDM QPSK	243/0	86.617	89.824	PASS
n78(3450-3550MHz)	30	90	633334	DFT-s-OFDM 16QAM	243/0	86.639	89.738	PASS
n78(3450-3550MHz)	30	90	633334	DFT-s-OFDM	243/0	86.560	89.983	PASS



				64QAM				
n78(3450-3550MHz)	30	90	633334	DFT-s-OFDM 256QAM	243/0	86.691	90.074	PASS
n78(3450-3550MHz)	30	90	633334	CP-OFDM QPSK	245/0	86.682	90.171	PASS
n78(3450-3550MHz)	30	90	633666	DFT-s-OFDM PI/2 BPSK	243/0	86.573	89.805	PASS
n78(3450-3550MHz)	30	90	633666	DFT-s-OFDM QPSK	243/0	86.612	89.761	PASS
n78(3450-3550MHz)	30	90	633666	DFT-s-OFDM 16QAM	243/0	86.585	89.719	PASS
n78(3450-3550MHz)	30	90	633666	DFT-s-OFDM 64QAM	243/0	86.635	90.060	PASS
n78(3450-3550MHz)	30	90	633666	DFT-s-OFDM 256QAM	243/0	86.572	89.909	PASS
n78(3450-3550MHz)	30	90	633666	CP-OFDM QPSK	245/0	86.709	89.922	PASS
n78(3450-3550MHz)	30	100	633334	DFT-s-OFDM PI/2 BPSK	270/0	96.293	99.728	PASS
n78(3450-3550MHz)	30	100	633334	DFT-s-OFDM QPSK	270/0	96.373	99.787	PASS
n78(3450-3550MHz)	30	100	633334	DFT-s-OFDM 16QAM	270/0	96.264	100.050	PASS
n78(3450-3550MHz)	30	100	633334	DFT-s-OFDM 64QAM	270/0	96.273	99.579	PASS
n78(3450-3550MHz)	30	100	633334	DFT-s-OFDM 256QAM	270/0	96.265	99.476	PASS
n78(3450-3550MHz)	30	100	633334	CP-OFDM QPSK	273/0	96.288	99.846	PASS
n78(3700-3800MHz)	30	10	647000	DFT-s-OFDM PI/2 BPSK	24/0	8.5668	9.496	PASS
n78(3700-	30	10	647000	DFT-s-	24/0	8.5801	9.674	PASS



3800MHz)				OFDM QPSK				
n78(3700-3800MHz)	30	10	647000	DFT-s-OFDM 16QAM	24/0	8.6130	9.724	PASS
n78(3700-3800MHz)	30	10	647000	DFT-s-OFDM 64QAM	24/0	8.5529	9.657	PASS
n78(3700-3800MHz)	30	10	647000	DFT-s-OFDM 256QAM	24/0	8.5822	9.713	PASS
n78(3700-3800MHz)	30	10	647000	CP-OFDM QPSK	24/0	8.5577	9.803	PASS
n78(3700-3800MHz)	30	10	650000	DFT-s-OFDM PI/2 BPSK	24/0	8.5605	9.551	PASS
n78(3700-3800MHz)	30	10	650000	DFT-s-OFDM QPSK	24/0	8.5590	9.577	PASS
n78(3700-3800MHz)	30	10	650000	DFT-s-OFDM 16QAM	24/0	8.5941	9.779	PASS
n78(3700-3800MHz)	30	10	650000	DFT-s-OFDM 64QAM	24/0	8.5614	9.611	PASS
n78(3700-3800MHz)	30	10	650000	DFT-s-OFDM 256QAM	24/0	8.5799	9.678	PASS
n78(3700-3800MHz)	30	10	650000	CP-OFDM QPSK	24/0	8.5685	9.980	PASS
n78(3700-3800MHz)	30	10	653000	DFT-s-OFDM PI/2 BPSK	24/0	8.5594	9.359	PASS
n78(3700-3800MHz)	30	10	653000	DFT-s-OFDM QPSK	24/0	8.5751	9.542	PASS
n78(3700-3800MHz)	30	10	653000	DFT-s-OFDM 16QAM	24/0	8.6233	9.589	PASS
n78(3700-3800MHz)	30	10	653000	DFT-s-OFDM 64QAM	24/0	8.5880	9.662	PASS
n78(3700-3800MHz)	30	10	653000	DFT-s-OFDM 256QAM	24/0	8.5746	9.764	PASS



n78(3700-3800MHz)	30	10	653000	CP-OFDM QPSK	24/0	8.5795	9.761	PASS
n78(3700-3800MHz)	30	15	647168	DFT-s- OFDM PI/2 BPSK	36/0	12.856	14.148	PASS
n78(3700-3800MHz)	30	15	647168	DFT-s- OFDM QPSK	36/0	12.864	14.377	PASS
n78(3700-3800MHz)	30	15	647168	DFT-s- OFDM 16QAM	36/0	12.850	13.948	PASS
n78(3700-3800MHz)	30	15	647168	DFT-s- OFDM 64QAM	36/0	12.852	13.983	PASS
n78(3700-3800MHz)	30	15	647168	DFT-s- OFDM 256QAM	36/0	12.861	13.999	PASS
n78(3700-3800MHz)	30	15	647168	CP-OFDM QPSK	38/0	12.830	14.216	PASS
n78(3700-3800MHz)	30	15	650000	DFT-s- OFDM PI/2 BPSK	36/0	12.814	13.833	PASS
n78(3700-3800MHz)	30	15	650000	DFT-s- OFDM QPSK	36/0	12.861	14.137	PASS
n78(3700-3800MHz)	30	15	650000	DFT-s- OFDM 16QAM	36/0	12.903	14.049	PASS
n78(3700-3800MHz)	30	15	650000	DFT-s- OFDM 64QAM	36/0	12.848	14.088	PASS
n78(3700-3800MHz)	30	15	650000	DFT-s- OFDM 256QAM	36/0	12.856	14.154	PASS
n78(3700-3800MHz)	30	15	650000	CP-OFDM QPSK	38/0	12.850	14.259	PASS
n78(3700-3800MHz)	30	15	652832	DFT-s- OFDM PI/2 BPSK	36/0	12.872	14.215	PASS
n78(3700-3800MHz)	30	15	652832	DFT-s- OFDM QPSK	36/0	12.856	14.054	PASS
n78(3700-3800MHz)	30	15	652832	DFT-s- OFDM 16QAM	36/0	12.877	13.856	PASS



n78(3700-3800MHz)	30	15	652832	DFT-s-OFDM 64QAM	36/0	12.860	14.123	PASS
n78(3700-3800MHz)	30	15	652832	DFT-s-OFDM 256QAM	36/0	12.813	14.066	PASS
n78(3700-3800MHz)	30	15	652832	CP-OFDM QPSK	38/0	12.881	14.101	PASS
n78(3700-3800MHz)	30	20	647334	DFT-s-OFDM PI/2 BPSK	50/0	17.773	19.544	PASS
n78(3700-3800MHz)	30	20	647334	DFT-s-OFDM QPSK	50/0	17.792	18.992	PASS
n78(3700-3800MHz)	30	20	647334	DFT-s-OFDM 16QAM	50/0	17.836	18.996	PASS
n78(3700-3800MHz)	30	20	647334	DFT-s-OFDM 64QAM	50/0	17.800	19.448	PASS
n78(3700-3800MHz)	30	20	647334	DFT-s-OFDM 256QAM	50/0	17.868	19.098	PASS
n78(3700-3800MHz)	30	20	647334	CP-OFDM QPSK	51/0	17.860	19.448	PASS
n78(3700-3800MHz)	30	20	650000	DFT-s-OFDM PI/2 BPSK	50/0	17.796	19.182	PASS
n78(3700-3800MHz)	30	20	650000	DFT-s-OFDM QPSK	50/0	17.814	19.217	PASS
n78(3700-3800MHz)	30	20	650000	DFT-s-OFDM 16QAM	50/0	17.824	19.059	PASS
n78(3700-3800MHz)	30	20	650000	DFT-s-OFDM 64QAM	50/0	17.808	19.144	PASS
n78(3700-3800MHz)	30	20	650000	DFT-s-OFDM 256QAM	50/0	17.811	19.120	PASS
n78(3700-3800MHz)	30	20	650000	CP-OFDM QPSK	51/0	17.850	19.516	PASS
n78(3700-3800MHz)	30	20	652666	DFT-s-OFDM PI/2 BPSK	50/0	17.802	19.303	PASS



n78(3700-3800MHz)	30	20	652666	DFT-s-OFDM QPSK	50/0	17.826	19.291	PASS
n78(3700-3800MHz)	30	20	652666	DFT-s-OFDM 16QAM	50/0	17.866	19.361	PASS
n78(3700-3800MHz)	30	20	652666	DFT-s-OFDM 64QAM	50/0	17.820	19.121	PASS
n78(3700-3800MHz)	30	20	652666	DFT-s-OFDM 256QAM	50/0	17.864	19.231	PASS
n78(3700-3800MHz)	30	20	652666	CP-OFDM QPSK	51/0	17.876	19.343	PASS
n78(3700-3800MHz)	30	30	647668	DFT-s-OFDM PI/2 BPSK	75/0	26.771	28.450	PASS
n78(3700-3800MHz)	30	30	647668	DFT-s-OFDM QPSK	75/0	26.794	28.297	PASS
n78(3700-3800MHz)	30	30	647668	DFT-s-OFDM 16QAM	75/0	26.784	28.396	PASS
n78(3700-3800MHz)	30	30	647668	DFT-s-OFDM 64QAM	75/0	26.788	28.454	PASS
n78(3700-3800MHz)	30	30	647668	DFT-s-OFDM 256QAM	75/0	26.789	28.553	PASS
n78(3700-3800MHz)	30	30	647668	CP-OFDM QPSK	78/0	26.817	28.388	PASS
n78(3700-3800MHz)	30	30	650000	DFT-s-OFDM PI/2 BPSK	75/0	26.753	28.350	PASS
n78(3700-3800MHz)	30	30	650000	DFT-s-OFDM QPSK	75/0	26.780	28.311	PASS
n78(3700-3800MHz)	30	30	650000	DFT-s-OFDM 16QAM	75/0	26.849	28.465	PASS
n78(3700-3800MHz)	30	30	650000	DFT-s-OFDM 64QAM	75/0	26.813	28.431	PASS
n78(3700-3800MHz)	30	30	650000	DFT-s-OFDM	75/0	26.827	28.620	PASS



				256QAM				
n78(3700-3800MHz)	30	30	650000	CP-OFDM QPSK	78/0	26.785	28.982	PASS
n78(3700-3800MHz)	30	30	652332	DFT-s-OFDM PI/2 BPSK	75/0	26.789	28.358	PASS
n78(3700-3800MHz)	30	30	652332	DFT-s-OFDM QPSK	75/0	26.805	28.440	PASS
n78(3700-3800MHz)	30	30	652332	DFT-s-OFDM 16QAM	75/0	26.788	28.603	PASS
n78(3700-3800MHz)	30	30	652332	DFT-s-OFDM 64QAM	75/0	26.783	28.192	PASS
n78(3700-3800MHz)	30	30	652332	DFT-s-OFDM 256QAM	75/0	26.813	28.478	PASS
n78(3700-3800MHz)	30	30	652332	CP-OFDM QPSK	78/0	26.824	28.840	PASS
n78(3700-3800MHz)	30	40	648000	DFT-s-OFDM PI/2 BPSK	100/0	35.770	37.526	PASS
n78(3700-3800MHz)	30	40	648000	DFT-s-OFDM QPSK	100/0	35.773	37.712	PASS
n78(3700-3800MHz)	30	40	648000	DFT-s-OFDM 16QAM	100/0	35.772	37.428	PASS
n78(3700-3800MHz)	30	40	648000	DFT-s-OFDM 64QAM	100/0	35.793	37.670	PASS
n78(3700-3800MHz)	30	40	648000	DFT-s-OFDM 256QAM	100/0	35.805	37.685	PASS
n78(3700-3800MHz)	30	40	648000	CP-OFDM QPSK	106/0	35.732	37.705	PASS
n78(3700-3800MHz)	30	40	650000	DFT-s-OFDM PI/2 BPSK	100/0	35.785	37.655	PASS
n78(3700-3800MHz)	30	40	650000	DFT-s-OFDM QPSK	100/0	35.690	37.582	PASS
n78(3700-	30	40	650000	DFT-s-	100/0	35.760	37.630	PASS



3800MHz)				OFDM 16QAM				
n78(3700-3800MHz)	30	40	650000	DFT-s-OFDM 64QAM	100/0	35.705	37.675	PASS
n78(3700-3800MHz)	30	40	650000	DFT-s-OFDM 256QAM	100/0	35.726	37.781	PASS
n78(3700-3800MHz)	30	40	650000	CP-OFDM QPSK	106/0	35.628	37.668	PASS
n78(3700-3800MHz)	30	40	652000	DFT-s-OFDM PI/2 BPSK	100/0	35.743	37.495	PASS
n78(3700-3800MHz)	30	40	652000	DFT-s-OFDM QPSK	100/0	35.771	37.533	PASS
n78(3700-3800MHz)	30	40	652000	DFT-s-OFDM 16QAM	100/0	35.790	37.709	PASS
n78(3700-3800MHz)	30	40	652000	DFT-s-OFDM 64QAM	100/0	35.812	37.952	PASS
n78(3700-3800MHz)	30	40	652000	DFT-s-OFDM 256QAM	100/0	35.768	37.540	PASS
n78(3700-3800MHz)	30	40	652000	CP-OFDM QPSK	106/0	35.687	37.546	PASS
n78(3700-3800MHz)	30	50	648334	DFT-s-OFDM PI/2 BPSK	128/0	45.668	47.546	PASS
n78(3700-3800MHz)	30	50	648334	DFT-s-OFDM QPSK	128/0	45.721	47.856	PASS
n78(3700-3800MHz)	30	50	648334	DFT-s-OFDM 16QAM	128/0	45.807	47.852	PASS
n78(3700-3800MHz)	30	50	648334	DFT-s-OFDM 64QAM	128/0	45.688	47.789	PASS
n78(3700-3800MHz)	30	50	648334	DFT-s-OFDM 256QAM	128/0	45.735	47.782	PASS
n78(3700-3800MHz)	30	50	648334	CP-OFDM QPSK	133/0	45.724	47.584	PASS



n78(3700-3800MHz)	30	50	650000	DFT-s-OFDM PI/2 BPSK	128/0	45.770	47.667	PASS
n78(3700-3800MHz)	30	50	650000	DFT-s-OFDM QPSK	128/0	45.736	47.730	PASS
n78(3700-3800MHz)	30	50	650000	DFT-s-OFDM 16QAM	128/0	45.785	47.822	PASS
n78(3700-3800MHz)	30	50	650000	DFT-s-OFDM 64QAM	128/0	45.699	47.529	PASS
n78(3700-3800MHz)	30	50	650000	DFT-s-OFDM 256QAM	128/0	45.724	47.897	PASS
n78(3700-3800MHz)	30	50	650000	CP-OFDM QPSK	133/0	45.681	47.649	PASS
n78(3700-3800MHz)	30	50	651666	DFT-s-OFDM PI/2 BPSK	128/0	45.723	47.854	PASS
n78(3700-3800MHz)	30	50	651666	DFT-s-OFDM QPSK	128/0	45.695	47.824	PASS
n78(3700-3800MHz)	30	50	651666	DFT-s-OFDM 16QAM	128/0	45.765	47.661	PASS
n78(3700-3800MHz)	30	50	651666	DFT-s-OFDM 64QAM	128/0	45.730	47.765	PASS
n78(3700-3800MHz)	30	50	651666	DFT-s-OFDM 256QAM	128/0	45.729	47.662	PASS
n78(3700-3800MHz)	30	50	651666	CP-OFDM QPSK	133/0	45.660	48.097	PASS
n78(3700-3800MHz)	30	60	648668	DFT-s-OFDM PI/2 BPSK	162/0	57.822	60.245	PASS
n78(3700-3800MHz)	30	60	648668	DFT-s-OFDM QPSK	162/0	57.810	60.475	PASS
n78(3700-3800MHz)	30	60	648668	DFT-s-OFDM 16QAM	162/0	57.797	60.160	PASS
n78(3700-3800MHz)	30	60	648668	DFT-s-OFDM	162/0	57.887	60.346	PASS



				64QAM				
n78(3700-3800MHz)	30	60	648668	DFT-s-OFDM 256QAM	162/0	57.894	60.064	PASS
n78(3700-3800MHz)	30	60	648668	CP-OFDM QPSK	162/0	57.804	60.169	PASS
n78(3700-3800MHz)	30	60	650000	DFT-s-OFDM PI/2 BPSK	162/0	57.863	60.196	PASS
n78(3700-3800MHz)	30	60	650000	DFT-s-OFDM QPSK	162/0	57.880	60.335	PASS
n78(3700-3800MHz)	30	60	650000	DFT-s-OFDM 16QAM	162/0	57.776	60.259	PASS
n78(3700-3800MHz)	30	60	650000	DFT-s-OFDM 64QAM	162/0	57.839	60.065	PASS
n78(3700-3800MHz)	30	60	650000	DFT-s-OFDM 256QAM	162/0	57.738	60.268	PASS
n78(3700-3800MHz)	30	60	650000	CP-OFDM QPSK	162/0	57.769	60.147	PASS
n78(3700-3800MHz)	30	60	651332	DFT-s-OFDM PI/2 BPSK	162/0	57.885	60.294	PASS
n78(3700-3800MHz)	30	60	651332	DFT-s-OFDM QPSK	162/0	57.832	60.236	PASS
n78(3700-3800MHz)	30	60	651332	DFT-s-OFDM 16QAM	162/0	57.735	60.082	PASS
n78(3700-3800MHz)	30	60	651332	DFT-s-OFDM 64QAM	162/0	57.868	60.066	PASS
n78(3700-3800MHz)	30	60	651332	DFT-s-OFDM 256QAM	162/0	57.935	60.179	PASS
n78(3700-3800MHz)	30	60	651332	CP-OFDM QPSK	162/0	57.893	59.909	PASS
n78(3700-3800MHz)	30	70	649000	DFT-s-OFDM PI/2 BPSK	180/0	64.286	66.781	PASS
n78(3700-	30	70	649000	DFT-s-	180/0	64.259	66.636	PASS



3800MHz)				OFDM QPSK				
n78(3700-3800MHz)	30	70	649000	DFT-s-OFDM 16QAM	180/0	64.181	67.008	PASS
n78(3700-3800MHz)	30	70	649000	DFT-s-OFDM 64QAM	180/0	64.223	66.734	PASS
n78(3700-3800MHz)	30	70	649000	DFT-s-OFDM 256QAM	180/0	64.161	66.744	PASS
n78(3700-3800MHz)	30	70	649000	CP-OFDM QPSK	189/0	64.156	67.080	PASS
n78(3700-3800MHz)	30	70	650000	DFT-s-OFDM PI/2 BPSK	180/0	64.247	66.448	PASS
n78(3700-3800MHz)	30	70	650000	DFT-s-OFDM QPSK	180/0	64.387	67.177	PASS
n78(3700-3800MHz)	30	70	650000	DFT-s-OFDM 16QAM	180/0	64.187	66.761	PASS
n78(3700-3800MHz)	30	70	650000	DFT-s-OFDM 64QAM	180/0	64.145	66.733	PASS
n78(3700-3800MHz)	30	70	650000	DFT-s-OFDM 256QAM	180/0	64.216	66.578	PASS
n78(3700-3800MHz)	30	70	650000	CP-OFDM QPSK	189/0	64.201	66.733	PASS
n78(3700-3800MHz)	30	70	651000	DFT-s-OFDM PI/2 BPSK	180/0	64.193	67.003	PASS
n78(3700-3800MHz)	30	70	651000	DFT-s-OFDM QPSK	180/0	64.219	66.646	PASS
n78(3700-3800MHz)	30	70	651000	DFT-s-OFDM 16QAM	180/0	64.258	66.598	PASS
n78(3700-3800MHz)	30	70	651000	DFT-s-OFDM 64QAM	180/0	64.225	66.803	PASS
n78(3700-3800MHz)	30	70	651000	DFT-s-OFDM 256QAM	180/0	64.163	66.672	PASS



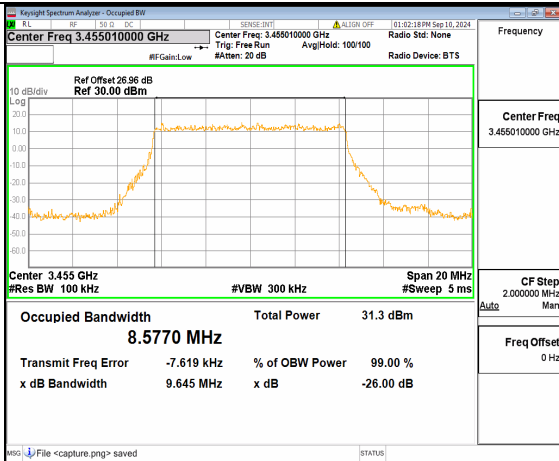
n78(3700-3800MHz)	30	70	651000	CP-OFDM QPSK	189/0	64.245	66.737	PASS
n78(3700-3800MHz)	30	80	649334	DFT-s- OFDM PI/2 BPSK	216/0	76.938	79.993	PASS
n78(3700-3800MHz)	30	80	649334	DFT-s- OFDM QPSK	216/0	77.163	80.047	PASS
n78(3700-3800MHz)	30	80	649334	DFT-s- OFDM 16QAM	216/0	77.097	79.715	PASS
n78(3700-3800MHz)	30	80	649334	DFT-s- OFDM 64QAM	216/0	77.158	79.999	PASS
n78(3700-3800MHz)	30	80	649334	DFT-s- OFDM 256QAM	216/0	76.964	79.979	PASS
n78(3700-3800MHz)	30	80	649334	CP-OFDM QPSK	217/0	77.002	79.765	PASS
n78(3700-3800MHz)	30	80	650000	DFT-s- OFDM PI/2 BPSK	216/0	76.952	80.279	PASS
n78(3700-3800MHz)	30	80	650000	DFT-s- OFDM QPSK	216/0	77.114	80.225	PASS
n78(3700-3800MHz)	30	80	650000	DFT-s- OFDM 16QAM	216/0	77.158	79.875	PASS
n78(3700-3800MHz)	30	80	650000	DFT-s- OFDM 64QAM	216/0	77.107	79.880	PASS
n78(3700-3800MHz)	30	80	650000	DFT-s- OFDM 256QAM	216/0	77.148	79.746	PASS
n78(3700-3800MHz)	30	80	650000	CP-OFDM QPSK	217/0	77.153	80.136	PASS
n78(3700-3800MHz)	30	80	650666	DFT-s- OFDM PI/2 BPSK	216/0	76.993	80.111	PASS
n78(3700-3800MHz)	30	80	650666	DFT-s- OFDM QPSK	216/0	77.085	80.047	PASS
n78(3700-3800MHz)	30	80	650666	DFT-s- OFDM 16QAM	216/0	77.210	79.827	PASS



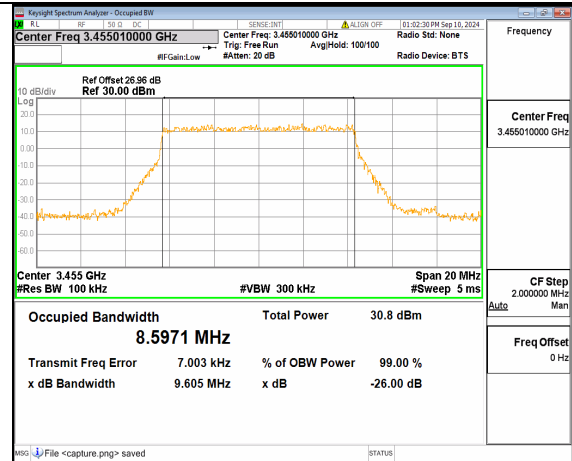
n78(3700-3800MHz)	30	80	650666	DFT-s-OFDM 64QAM	216/0	77.156	79.769	PASS
n78(3700-3800MHz)	30	80	650666	DFT-s-OFDM 256QAM	216/0	77.048	79.591	PASS
n78(3700-3800MHz)	30	80	650666	CP-OFDM QPSK	217/0	77.111	79.785	PASS
n78(3700-3800MHz)	30	90	649668	DFT-s-OFDM PI/2 BPSK	243/0	86.658	89.760	PASS
n78(3700-3800MHz)	30	90	649668	DFT-s-OFDM QPSK	243/0	86.766	89.975	PASS
n78(3700-3800MHz)	30	90	649668	DFT-s-OFDM 16QAM	243/0	86.464	89.879	PASS
n78(3700-3800MHz)	30	90	649668	DFT-s-OFDM 64QAM	243/0	86.685	89.683	PASS
n78(3700-3800MHz)	30	90	649668	DFT-s-OFDM 256QAM	243/0	86.605	89.676	PASS
n78(3700-3800MHz)	30	90	649668	CP-OFDM QPSK	245/0	86.700	89.815	PASS
n78(3700-3800MHz)	30	90	650000	DFT-s-OFDM PI/2 BPSK	243/0	86.723	89.785	PASS
n78(3700-3800MHz)	30	90	650000	DFT-s-OFDM QPSK	243/0	86.744	89.912	PASS
n78(3700-3800MHz)	30	90	650000	DFT-s-OFDM 16QAM	243/0	86.819	89.693	PASS
n78(3700-3800MHz)	30	90	650000	DFT-s-OFDM 64QAM	243/0	86.715	89.589	PASS
n78(3700-3800MHz)	30	90	650000	DFT-s-OFDM 256QAM	243/0	86.652	89.684	PASS
n78(3700-3800MHz)	30	90	650000	CP-OFDM QPSK	245/0	86.842	90.049	PASS
n78(3700-3800MHz)	30	90	650332	DFT-s-OFDM PI/2 BPSK	243/0	86.556	89.598	PASS



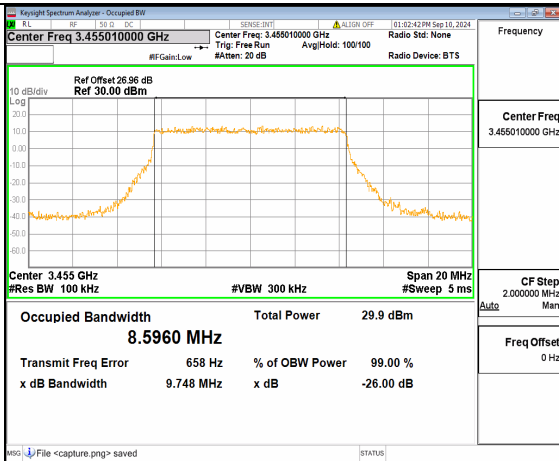
n78(3700-3800MHz)	30	90	650332	DFT-s-OFDM QPSK	243/0	86.613	89.917	PASS
n78(3700-3800MHz)	30	90	650332	DFT-s-OFDM 16QAM	243/0	86.791	89.852	PASS
n78(3700-3800MHz)	30	90	650332	DFT-s-OFDM 64QAM	243/0	86.725	89.740	PASS
n78(3700-3800MHz)	30	90	650332	DFT-s-OFDM 256QAM	243/0	86.593	89.761	PASS
n78(3700-3800MHz)	30	90	650332	CP-OFDM QPSK	245/0	86.755	89.876	PASS
n78(3700-3800MHz)	30	100	650000	DFT-s-OFDM PI/2 BPSK	270/0	96.385	99.533	PASS
n78(3700-3800MHz)	30	100	650000	DFT-s-OFDM QPSK	270/0	96.140	99.504	PASS
n78(3700-3800MHz)	30	100	650000	DFT-s-OFDM 16QAM	270/0	96.414	99.793	PASS
n78(3700-3800MHz)	30	100	650000	DFT-s-OFDM 64QAM	270/0	96.479	99.630	PASS
n78(3700-3800MHz)	30	100	650000	DFT-s-OFDM 256QAM	270/0	96.368	99.678	PASS
n78(3700-3800MHz)	30	100	650000	CP-OFDM QPSK	273/0	96.387	99.630	PASS



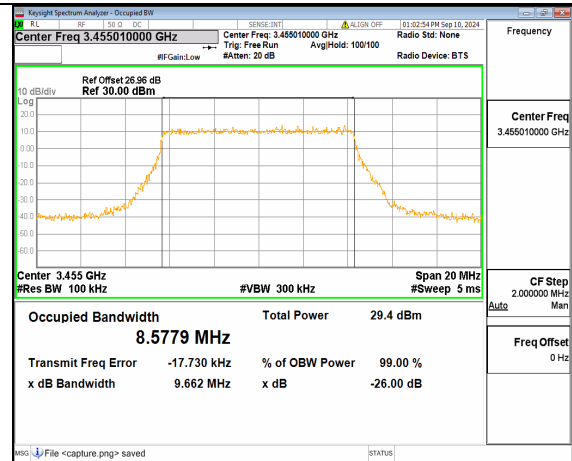
n77(3450-3550MHz) 10M DFT-s-OFDM
BPSK Outer_Full Low



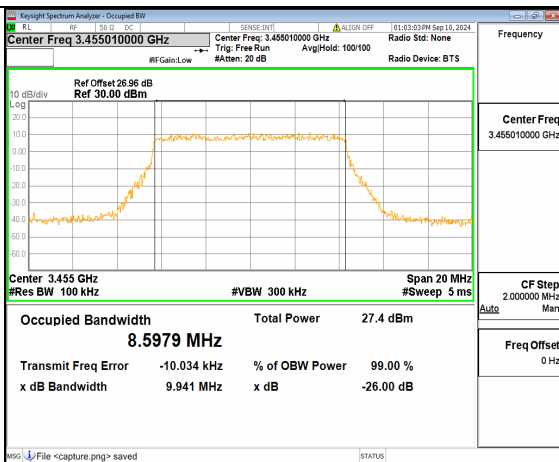
n77(3450-3550MHz) 10M DFT-s-OFDM
QPSK Outer_Full Low



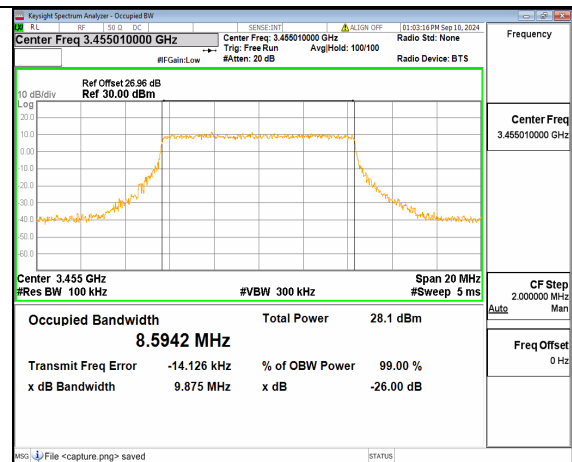
n77(3450-3550MHz) 10M DFT-s-OFDM
16QAM Outer_Full Low



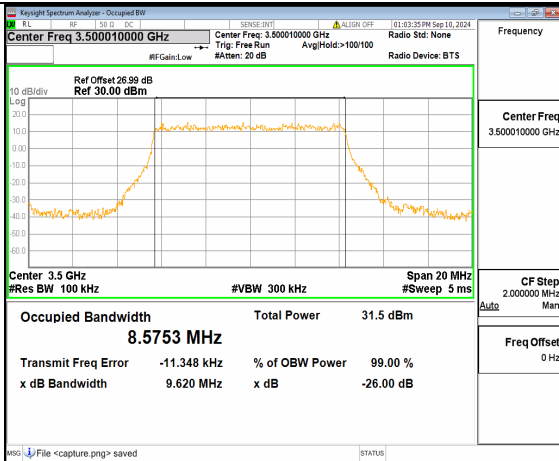
n77(3450-3550MHz) 10M DFT-s-OFDM
64QAM Outer_Full Low



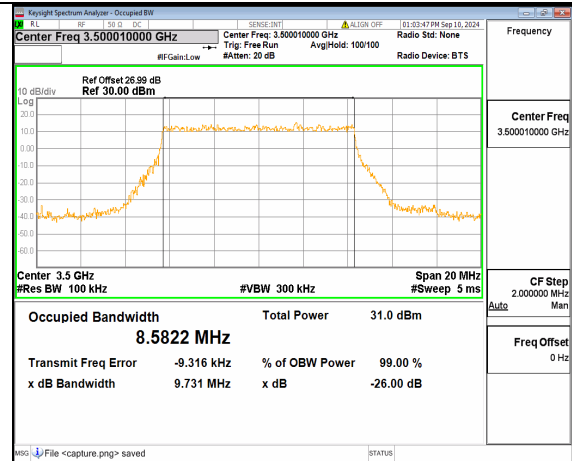
n77(3450-3550MHz) 10M DFT-s-OFDM
256QAM Outer_Full Low



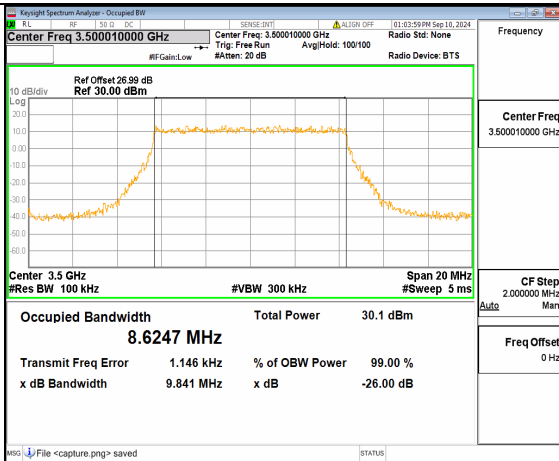
n77(3450-3550MHz) 10M CP-OFDM QPSK
Outer_Full Low



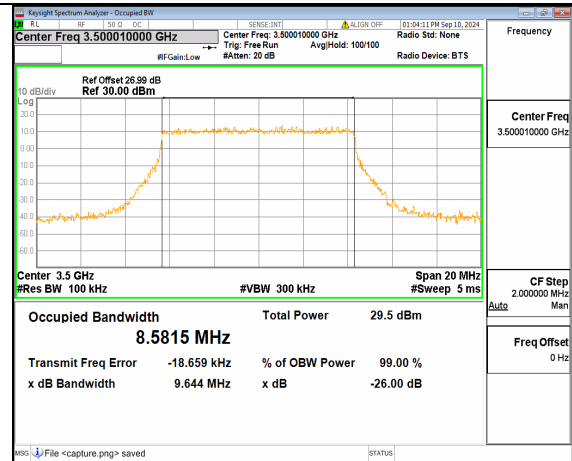
n77(3450-3550MHz) 10M DFT-s-OFDM
BPSK Outer_Full Mid



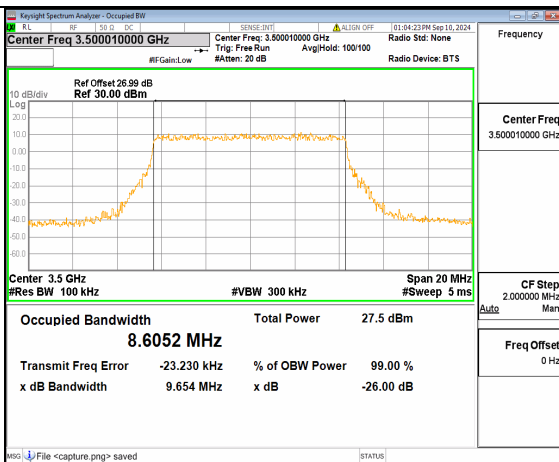
n77(3450-3550MHz) 10M DFT-s-OFDM
QPSK Outer_Full Mid



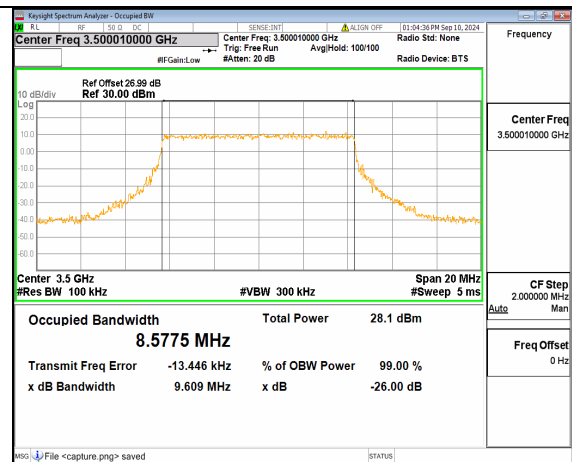
n77(3450-3550MHz) 10M DFT-s-OFDM
16QAM Outer_Full Mid



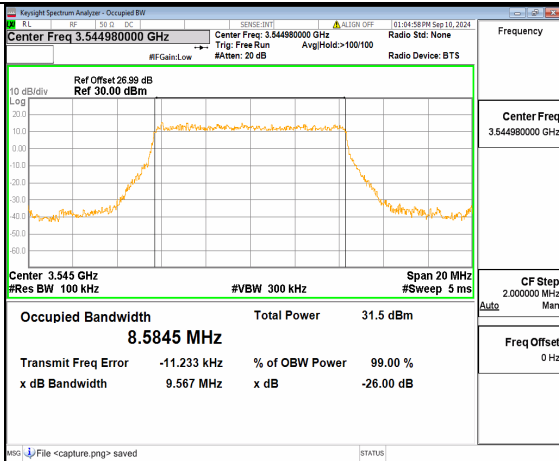
n77(3450-3550MHz) 10M DFT-s-OFDM
64QAM Outer_Full Mid



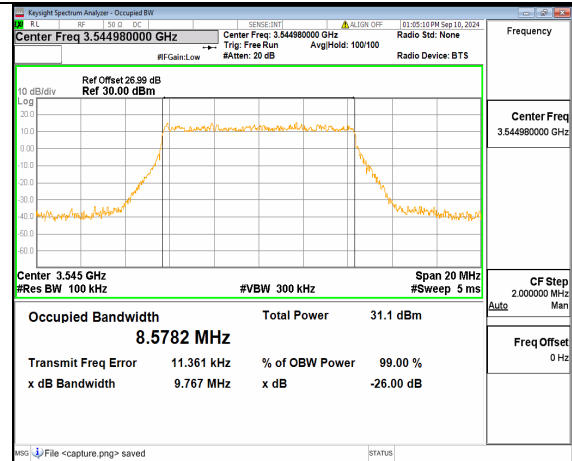
n77(3450-3550MHz) 10M DFT-s-OFDM
256QAM Outer_Full Mid



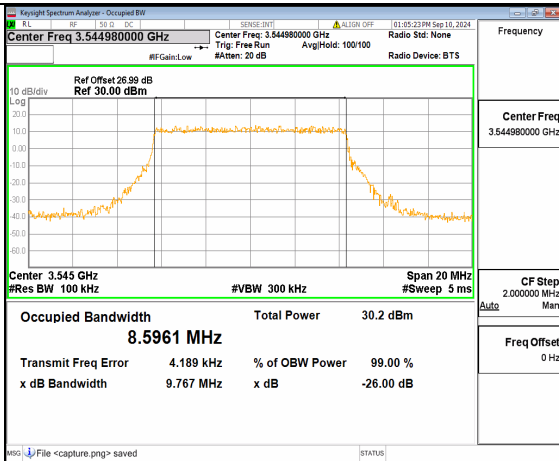
n77(3450-3550MHz) 10M CP-OFDM QPSK
Outer_Full Mid



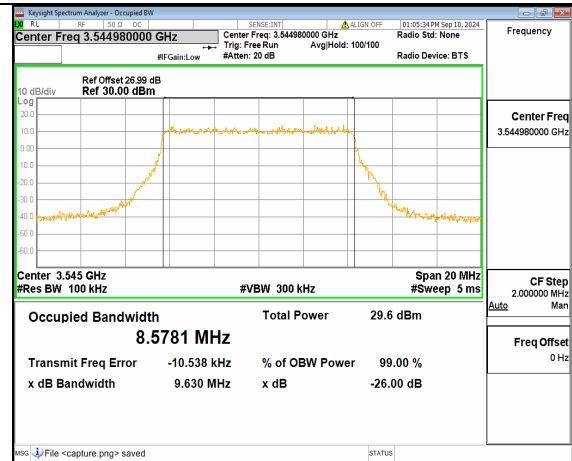
n77(3450-3550MHz) 10M DFT-s-OFDM
BPSK Outer_Full High



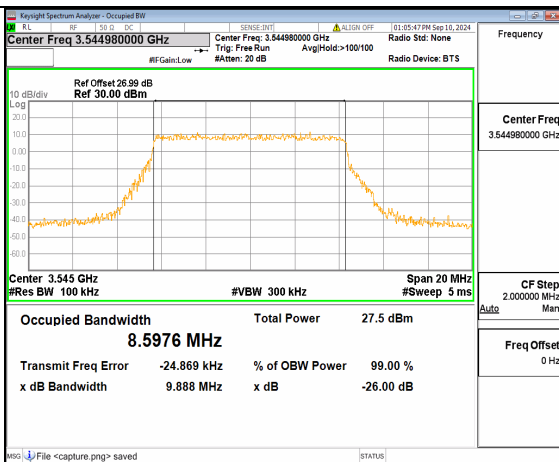
n77(3450-3550MHz) 10M DFT-s-OFDM
QPSK Outer_Full High



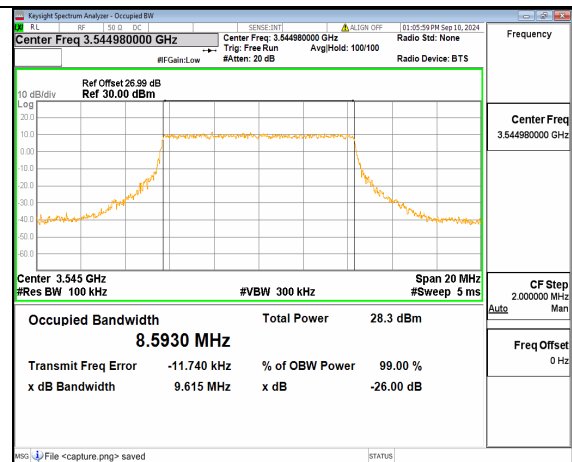
n77(3450-3550MHz) 10M DFT-s-OFDM
16QAM Outer_Full High



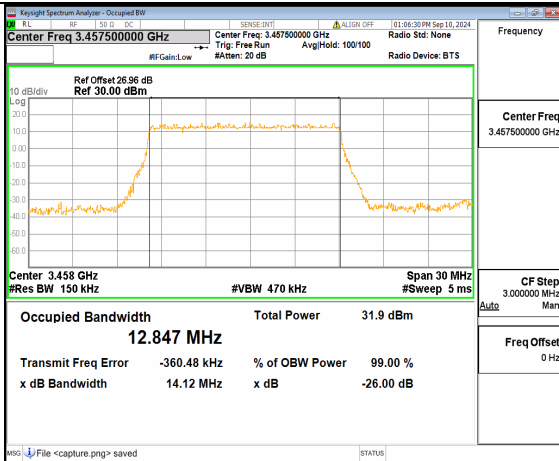
n77(3450-3550MHz) 10M DFT-s-OFDM
64QAM Outer_Full High



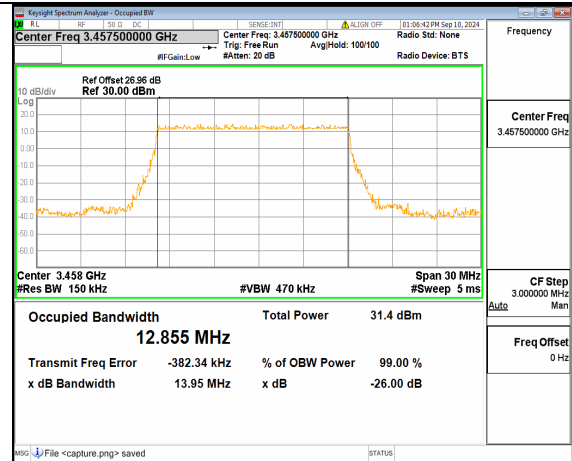
n77(3450-3550MHz) 10M DFT-s-OFDM
256QAM Outer_Full High



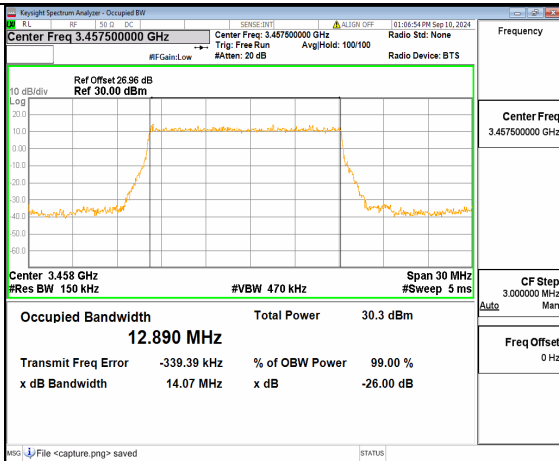
n77(3450-3550MHz) 10M CP-OFDM QPSK
Outer_Full High



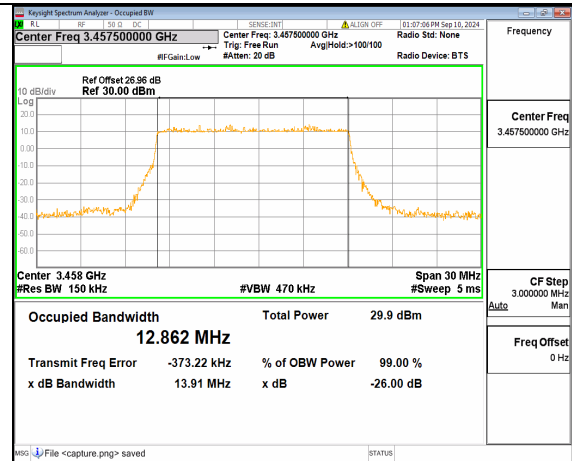
n77(3450-3550MHz) 15M DFT-s-OFDM BPSK Outer_Full Low



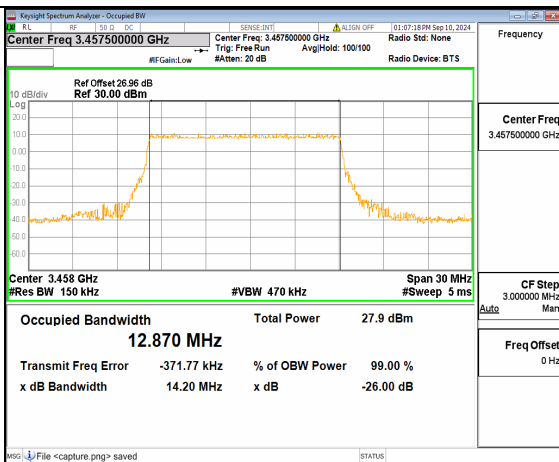
n77(3450-3550MHz) 15M DFT-s-OFDM QPSK Outer_Full Low



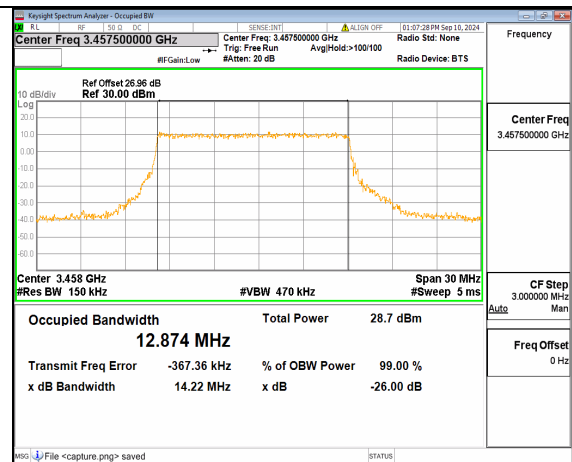
n77(3450-3550MHz) 15M DFT-s-OFDM 16QAM Outer_Full Low



n77(3450-3550MHz) 15M DFT-s-OFDM 64QAM Outer_Full Low



n77(3450-3550MHz) 15M DFT-s-OFDM 256QAM Outer_Full Low



n77(3450-3550MHz) 15M CP-OFDM QPSK Outer_Full Low