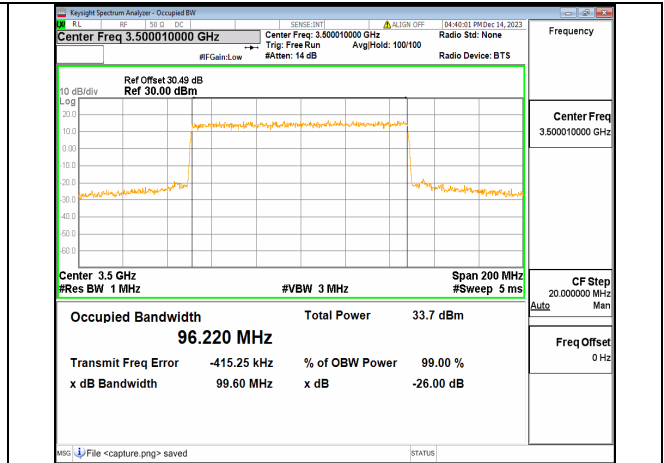
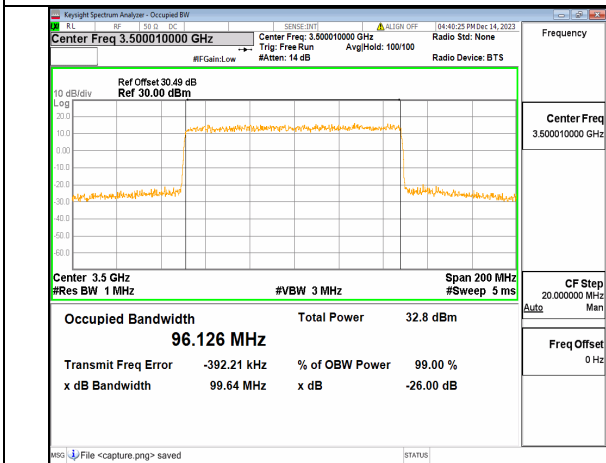


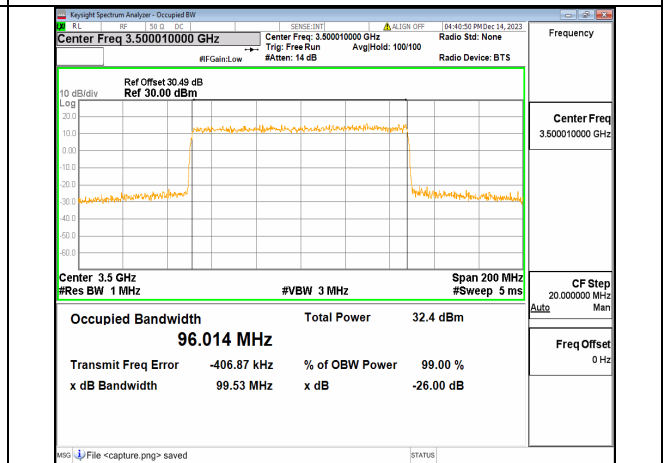
2A_n77(3450-3650MHz) 100M DFT-s-OFDM BPSK Outer_Full Low



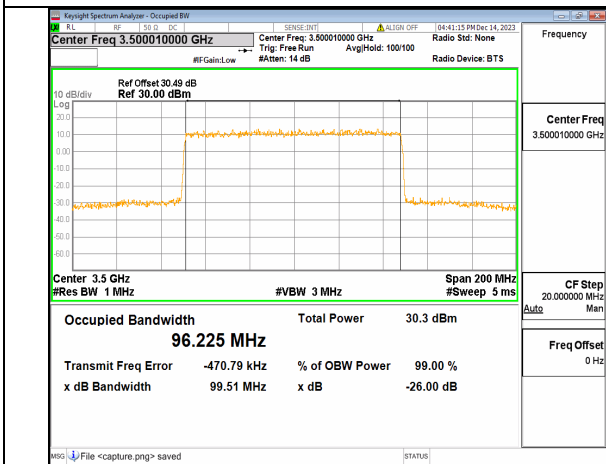
2A_n77(3450-3650MHz) 100M DFT-s-OFDM QPSK Outer_Full Low



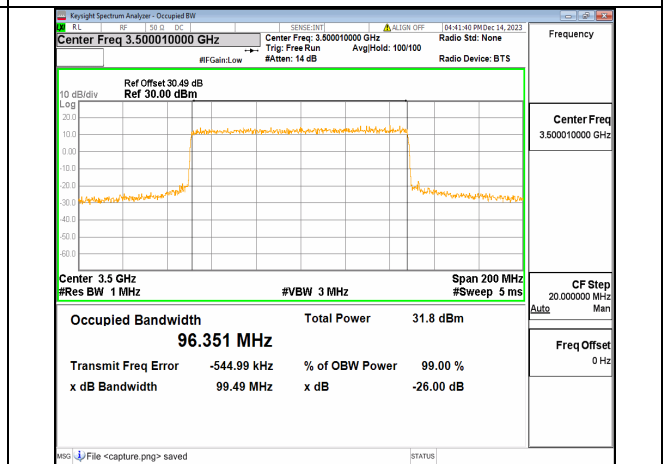
2A_n77(3450-3650MHz) 100M DFT-s-OFDM 16QAM Outer_Full Low



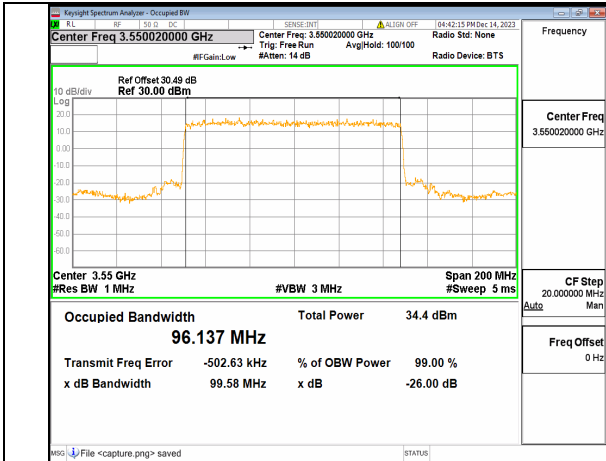
2A_n77(3450-3650MHz) 100M DFT-s-OFDM 64QAM Outer_Full Low



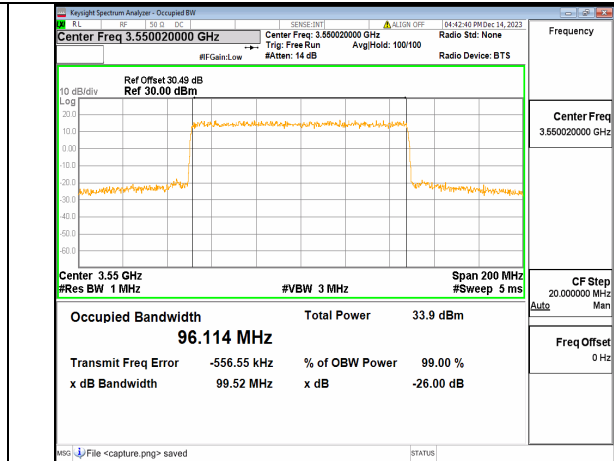
2A_n77(3450-3650MHz) 100M DFT-s-OFDM 256QAM Outer_Full Low



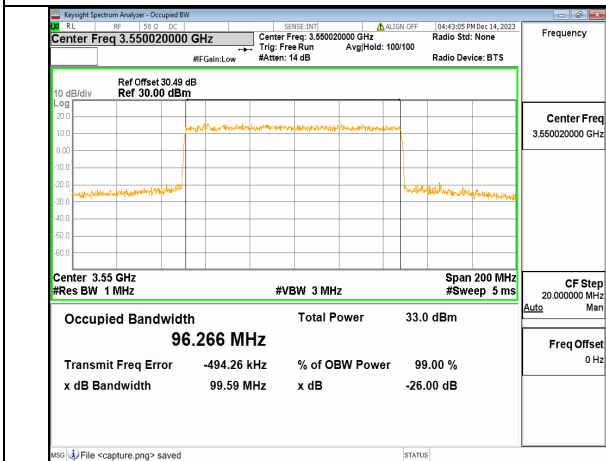
2A_n77(3450-3650MHz) 100M CP-OFDM QPSK Outer_Full Low



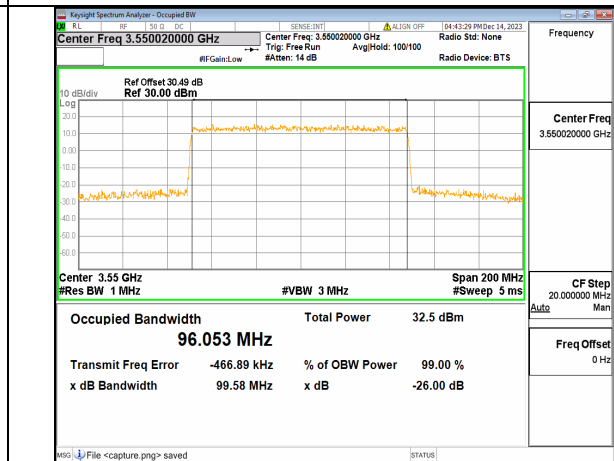
2A_n77(3450-3650MHz) 100M DFT-s-OFDM BPSK Outer_Full Mid



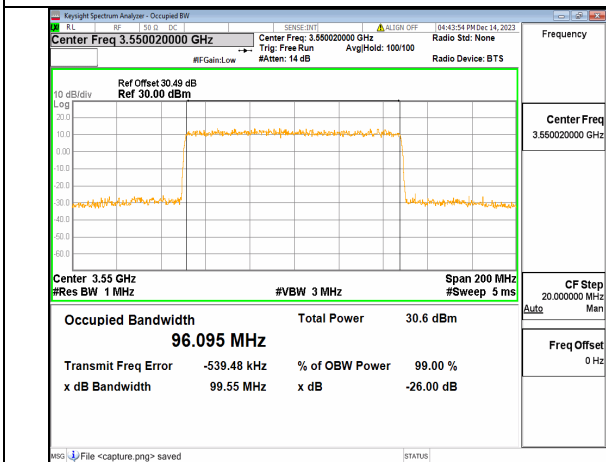
2A_n77(3450-3650MHz) 100M DFT-s-OFDM QPSK Outer_Full Mid



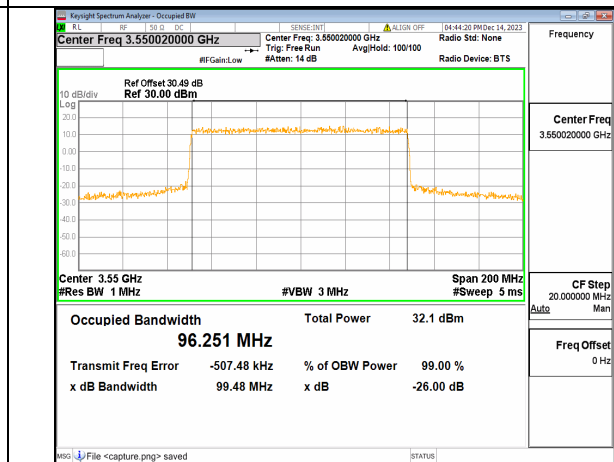
2A_n77(3450-3650MHz) 100M DFT-s-OFDM 16QAM Outer_Full Mid



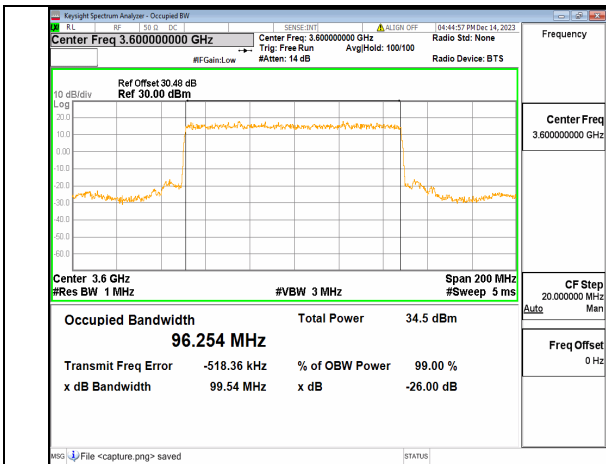
2A_n77(3450-3650MHz) 100M DFT-s-OFDM 64QAM Outer_Full Mid



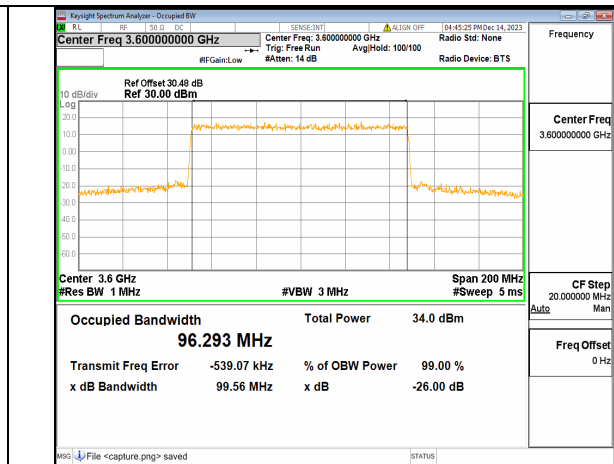
2A_n77(3450-3650MHz) 100M DFT-s-OFDM 256QAM Outer_Full Mid



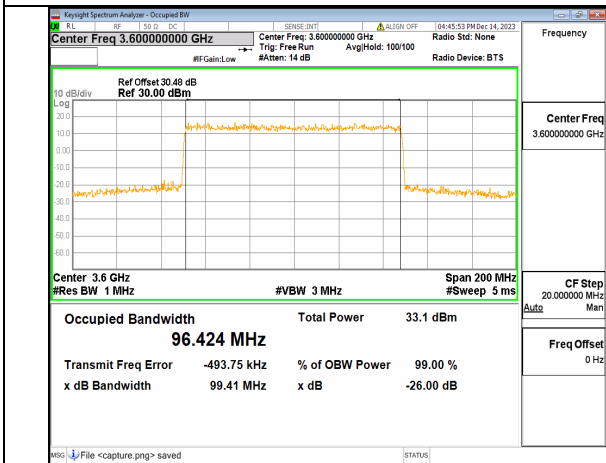
2A_n77(3450-3650MHz) 100M CP-OFDM QPSK Outer_Full Mid



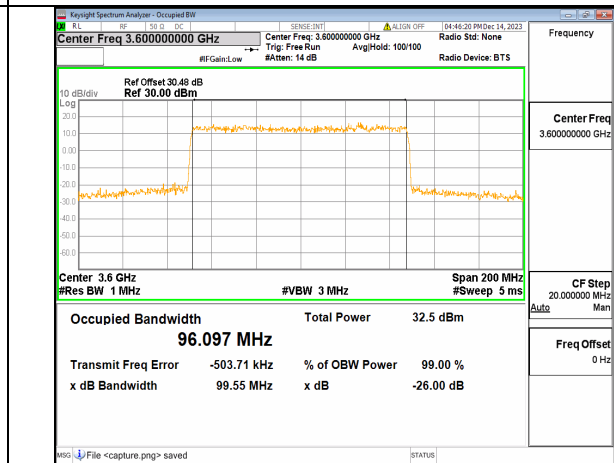
2A_n77(3450-3650MHz) 100M DFT-s-OFDM BPSK Outer_Full High



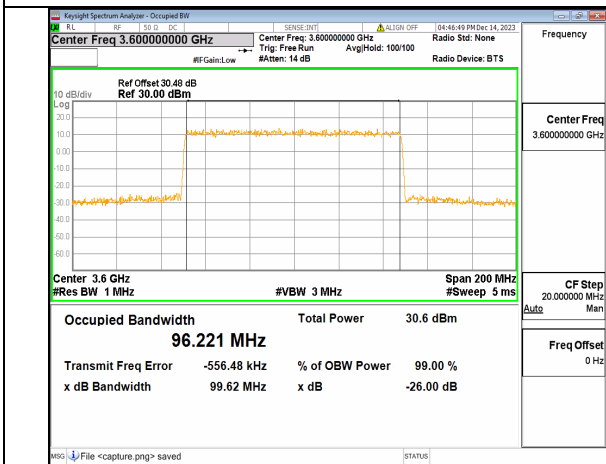
2A_n77(3450-3650MHz) 100M DFT-s-OFDM QPSK Outer_Full High



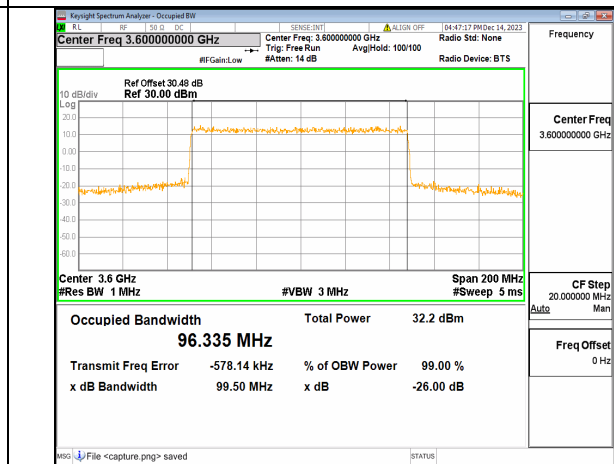
2A_n77(3450-3650MHz) 100M DFT-s-OFDM 16QAM Outer_Full High



2A_n77(3450-3650MHz) 100M DFT-s-OFDM 64QAM Outer_Full High



2A_n77(3450-3650MHz) 100M DFT-s-OFDM 256QAM Outer_Full High



2A_n77(3450-3650MHz) 100M CP-OFDM QPSK Outer_Full High



Band	SCS (KHz)	BW (MHz)	ARFCN	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
2A_n77(3700-3980MHz)	30	20	647334	DFT-s-OFDM PI/2 BPSK	50/0	17.791	18.798	PASS
2A_n77(3700-3980MHz)	30	20	647334	DFT-s-OFDM QPSK	50/0	17.847	18.978	PASS
2A_n77(3700-3980MHz)	30	20	647334	DFT-s-OFDM 16QAM	50/0	17.794	18.962	PASS
2A_n77(3700-3980MHz)	30	20	647334	DFT-s-OFDM 64QAM	50/0	17.816	19.031	PASS
2A_n77(3700-3980MHz)	30	20	647334	DFT-s-OFDM 256QAM	50/0	17.807	18.847	PASS
2A_n77(3700-3980MHz)	30	20	647334	CP-OFDM QPSK	51/0	17.840	18.858	PASS
2A_n77(3700-3980MHz)	30	20	656000	DFT-s-OFDM PI/2 BPSK	50/0	17.800	18.753	PASS
2A_n77(3700-3980MHz)	30	20	656000	DFT-s-OFDM QPSK	50/0	17.808	18.925	PASS
2A_n77(3700-3980MHz)	30	20	656000	DFT-s-OFDM 16QAM	50/0	17.826	18.876	PASS
2A_n77(3700-3980MHz)	30	20	656000	DFT-s-OFDM 64QAM	50/0	17.822	18.634	PASS
2A_n77(3700-3980MHz)	30	20	656000	DFT-s-OFDM 256QAM	50/0	17.797	18.956	PASS
2A_n77(3700-3980MHz)	30	20	656000	CP-OFDM QPSK	51/0	17.834	19.208	PASS
2A_n77(3700-3980MHz)	30	20	664666	DFT-s-OFDM PI/2 BPSK	50/0	17.769	18.742	PASS
2A_n77(3700-3980MHz)	30	20	664666	DFT-s-OFDM QPSK	50/0	17.799	18.737	PASS
2A_n77(3700-3980MHz)	30	20	664666	DFT-s-OFDM 16QAM	50/0	17.791	18.904	PASS
2A_n77(3700-3980MHz)	30	20	664666	DFT-s-OFDM 64QAM	50/0	17.802	18.940	PASS
2A_n77(3700-3980MHz)	30	20	664666	DFT-s-OFDM 256QAM	50/0	17.824	18.748	PASS
2A_n77(3700-3980MHz)	30	20	664666	CP-OFDM QPSK	51/0	17.849	19.131	PASS
2A_n77(3700-3980MHz)	30	30	647668	DFT-s-OFDM PI/2 BPSK	75/0	26.769	28.060	PASS
2A_n77(3700-3980MHz)	30	30	647668	DFT-s-OFDM QPSK	75/0	26.790	28.147	PASS
2A_n77(3700-3980MHz)	30	30	647668	DFT-s-OFDM 16QAM	75/0	26.805	28.306	PASS
2A_n77(3700-3980MHz)	30	30	647668	DFT-s-OFDM 64QAM	75/0	26.813	28.105	PASS
2A_n77(3700-3980MHz)	30	30	647668	DFT-s-OFDM 256QAM	75/0	26.840	28.092	PASS



2A_n77(370 0-3980MHz)	30	30	647668	CP-OFDM QPSK	78/0	26.759	28.182	PASS
2A_n77(370 0-3980MHz)	30	30	656000	DFT-s-OFDM PI/2 BPSK	75/0	26.799	28.195	PASS
2A_n77(370 0-3980MHz)	30	30	656000	DFT-s-OFDM QPSK	75/0	26.790	28.211	PASS
2A_n77(370 0-3980MHz)	30	30	656000	DFT-s-OFDM 16QAM	75/0	26.790	28.255	PASS
2A_n77(370 0-3980MHz)	30	30	656000	DFT-s-OFDM 64QAM	75/0	26.772	28.097	PASS
2A_n77(370 0-3980MHz)	30	30	656000	DFT-s-OFDM 256QAM	75/0	26.823	28.184	PASS
2A_n77(370 0-3980MHz)	30	30	656000	CP-OFDM QPSK	78/0	26.751	28.169	PASS
2A_n77(370 0-3980MHz)	30	30	664332	DFT-s-OFDM PI/2 BPSK	75/0	26.754	27.976	PASS
2A_n77(370 0-3980MHz)	30	30	664332	DFT-s-OFDM QPSK	75/0	26.720	28.118	PASS
2A_n77(370 0-3980MHz)	30	30	664332	DFT-s-OFDM 16QAM	75/0	26.749	28.192	PASS
2A_n77(370 0-3980MHz)	30	30	664332	DFT-s-OFDM 64QAM	75/0	26.755	27.974	PASS
2A_n77(370 0-3980MHz)	30	30	664332	DFT-s-OFDM 256QAM	75/0	26.785	28.424	PASS
2A_n77(370 0-3980MHz)	30	30	664332	CP-OFDM QPSK	78/0	26.779	28.302	PASS
2A_n77(370 0-3980MHz)	30	40	648000	DFT-s-OFDM PI/2 BPSK	100/0	35.727	37.140	PASS
2A_n77(370 0-3980MHz)	30	40	648000	DFT-s-OFDM QPSK	100/0	35.834	37.168	PASS
2A_n77(370 0-3980MHz)	30	40	648000	DFT-s-OFDM 16QAM	100/0	35.714	37.160	PASS
2A_n77(370 0-3980MHz)	30	40	648000	DFT-s-OFDM 64QAM	100/0	35.735	37.260	PASS
2A_n77(370 0-3980MHz)	30	40	648000	DFT-s-OFDM 256QAM	100/0	35.714	37.243	PASS
2A_n77(370 0-3980MHz)	30	40	648000	CP-OFDM QPSK	106/0	35.608	37.263	PASS
2A_n77(370 0-3980MHz)	30	40	656000	DFT-s-OFDM PI/2 BPSK	100/0	35.751	37.257	PASS
2A_n77(370 0-3980MHz)	30	40	656000	DFT-s-OFDM QPSK	100/0	35.751	37.339	PASS
2A_n77(370 0-3980MHz)	30	40	656000	DFT-s-OFDM 16QAM	100/0	35.771	37.289	PASS
2A_n77(370 0-3980MHz)	30	40	656000	DFT-s-OFDM 64QAM	100/0	35.736	37.373	PASS
2A_n77(370 0-3980MHz)	30	40	656000	DFT-s-OFDM 256QAM	100/0	35.712	37.086	PASS



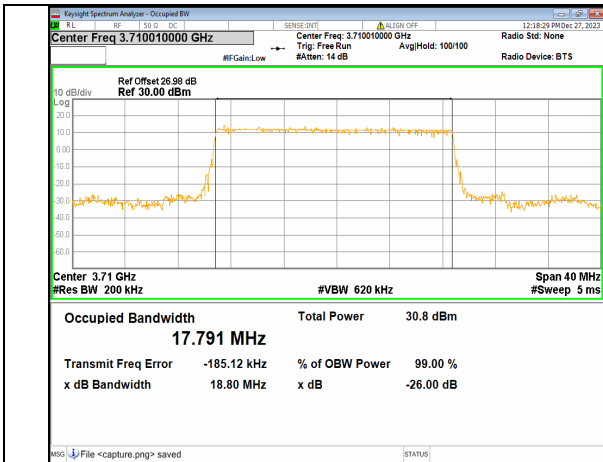
2A_n77(370 0-3980MHz)	30	40	656000	CP-OFDM QPSK	106/0	35.711	37.378	PASS
2A_n77(370 0-3980MHz)	30	40	664000	DFT-s-OFDM PI/2 BPSK	100/0	35.745	37.270	PASS
2A_n77(370 0-3980MHz)	30	40	664000	DFT-s-OFDM QPSK	100/0	35.717	37.242	PASS
2A_n77(370 0-3980MHz)	30	40	664000	DFT-s-OFDM 16QAM	100/0	35.707	37.224	PASS
2A_n77(370 0-3980MHz)	30	40	664000	DFT-s-OFDM 64QAM	100/0	35.699	37.259	PASS
2A_n77(370 0-3980MHz)	30	40	664000	DFT-s-OFDM 256QAM	100/0	35.707	37.213	PASS
2A_n77(370 0-3980MHz)	30	40	664000	CP-OFDM QPSK	106/0	35.629	37.240	PASS
2A_n77(370 0-3980MHz)	30	60	648668	DFT-s-OFDM PI/2 BPSK	162/0	57.785	59.736	PASS
2A_n77(370 0-3980MHz)	30	60	648668	DFT-s-OFDM QPSK	162/0	57.785	60.006	PASS
2A_n77(370 0-3980MHz)	30	60	648668	DFT-s-OFDM 16QAM	162/0	57.741	59.882	PASS
2A_n77(370 0-3980MHz)	30	60	648668	DFT-s-OFDM 64QAM	162/0	57.728	59.963	PASS
2A_n77(370 0-3980MHz)	30	60	648668	DFT-s-OFDM 256QAM	162/0	57.828	60.019	PASS
2A_n77(370 0-3980MHz)	30	60	648668	CP-OFDM QPSK	162/0	57.888	59.973	PASS
2A_n77(370 0-3980MHz)	30	60	656000	DFT-s-OFDM PI/2 BPSK	162/0	57.719	59.808	PASS
2A_n77(370 0-3980MHz)	30	60	656000	DFT-s-OFDM QPSK	162/0	57.804	59.916	PASS
2A_n77(370 0-3980MHz)	30	60	656000	DFT-s-OFDM 16QAM	162/0	57.837	59.985	PASS
2A_n77(370 0-3980MHz)	30	60	656000	DFT-s-OFDM 64QAM	162/0	57.730	59.882	PASS
2A_n77(370 0-3980MHz)	30	60	656000	DFT-s-OFDM 256QAM	162/0	57.819	59.811	PASS
2A_n77(370 0-3980MHz)	30	60	656000	CP-OFDM QPSK	162/0	57.764	60.141	PASS
2A_n77(370 0-3980MHz)	30	60	663332	DFT-s-OFDM PI/2 BPSK	162/0	57.714	59.779	PASS
2A_n77(370 0-3980MHz)	30	60	663332	DFT-s-OFDM QPSK	162/0	57.818	59.742	PASS
2A_n77(370 0-3980MHz)	30	60	663332	DFT-s-OFDM 16QAM	162/0	57.834	60.014	PASS
2A_n77(370 0-3980MHz)	30	60	663332	DFT-s-OFDM 64QAM	162/0	57.828	59.817	PASS
2A_n77(370 0-3980MHz)	30	60	663332	DFT-s-OFDM 256QAM	162/0	57.842	59.947	PASS



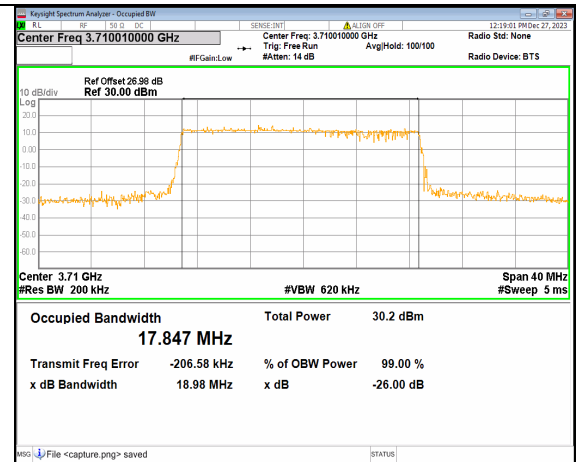
2A_n77(370 0-3980MHz)	30	60	663332	CP-OFDM QPSK	162/0	57.754	60.047	PASS
2A_n77(370 0-3980MHz)	30	80	649334	DFT-s-OFDM PI/2 BPSK	216/0	76.928	79.661	PASS
2A_n77(370 0-3980MHz)	30	80	649334	DFT-s-OFDM QPSK	216/0	77.003	79.653	PASS
2A_n77(370 0-3980MHz)	30	80	649334	DFT-s-OFDM 16QAM	216/0	76.915	79.628	PASS
2A_n77(370 0-3980MHz)	30	80	649334	DFT-s-OFDM 64QAM	216/0	77.020	79.622	PASS
2A_n77(370 0-3980MHz)	30	80	649334	DFT-s-OFDM 256QAM	216/0	77.017	79.682	PASS
2A_n77(370 0-3980MHz)	30	80	649334	CP-OFDM QPSK	217/0	77.169	79.693	PASS
2A_n77(370 0-3980MHz)	30	80	656000	DFT-s-OFDM PI/2 BPSK	216/0	77.057	79.620	PASS
2A_n77(370 0-3980MHz)	30	80	656000	DFT-s-OFDM QPSK	216/0	77.059	79.986	PASS
2A_n77(370 0-3980MHz)	30	80	656000	DFT-s-OFDM 16QAM	216/0	77.090	79.791	PASS
2A_n77(370 0-3980MHz)	30	80	656000	DFT-s-OFDM 64QAM	216/0	77.139	79.876	PASS
2A_n77(370 0-3980MHz)	30	80	656000	DFT-s-OFDM 256QAM	216/0	77.102	79.653	PASS
2A_n77(370 0-3980MHz)	30	80	656000	CP-OFDM QPSK	217/0	77.168	79.711	PASS
2A_n77(370 0-3980MHz)	30	80	662666	DFT-s-OFDM PI/2 BPSK	216/0	76.930	79.604	PASS
2A_n77(370 0-3980MHz)	30	80	662666	DFT-s-OFDM QPSK	216/0	76.970	79.639	PASS
2A_n77(370 0-3980MHz)	30	80	662666	DFT-s-OFDM 16QAM	216/0	77.023	79.588	PASS
2A_n77(370 0-3980MHz)	30	80	662666	DFT-s-OFDM 64QAM	216/0	77.063	79.721	PASS
2A_n77(370 0-3980MHz)	30	80	662666	DFT-s-OFDM 256QAM	216/0	77.121	79.652	PASS
2A_n77(370 0-3980MHz)	30	80	662666	CP-OFDM QPSK	217/0	77.085	79.593	PASS
2A_n77(370 0-3980MHz)	30	100	650000	DFT-s-OFDM PI/2 BPSK	270/0	96.144	99.534	PASS
2A_n77(370 0-3980MHz)	30	100	650000	DFT-s-OFDM QPSK	270/0	96.071	99.654	PASS
2A_n77(370 0-3980MHz)	30	100	650000	DFT-s-OFDM 16QAM	270/0	96.145	99.494	PASS
2A_n77(370 0-3980MHz)	30	100	650000	DFT-s-OFDM 64QAM	270/0	96.219	99.502	PASS
2A_n77(370 0-3980MHz)	30	100	650000	DFT-s-OFDM 256QAM	270/0	96.099	99.717	PASS



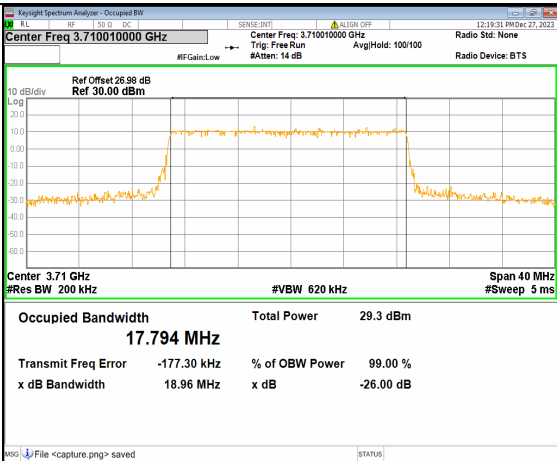
2A_n77(370 0-3980MHz)	30	100	650000	CP-OFDM QPSK	273/0	96.179	99.606	PASS
2A_n77(370 0-3980MHz)	30	100	656000	DFT-s-OFDM PI/2 BPSK	270/0	96.308	99.678	PASS
2A_n77(370 0-3980MHz)	30	100	656000	DFT-s-OFDM QPSK	270/0	96.132	99.457	PASS
2A_n77(370 0-3980MHz)	30	100	656000	DFT-s-OFDM 16QAM	270/0	96.239	99.623	PASS
2A_n77(370 0-3980MHz)	30	100	656000	DFT-s-OFDM 64QAM	270/0	96.260	99.584	PASS
2A_n77(370 0-3980MHz)	30	100	656000	DFT-s-OFDM 256QAM	270/0	96.137	99.564	PASS
2A_n77(370 0-3980MHz)	30	100	656000	CP-OFDM QPSK	273/0	96.155	99.489	PASS
2A_n77(370 0-3980MHz)	30	100	662000	DFT-s-OFDM PI/2 BPSK	270/0	96.116	99.644	PASS
2A_n77(370 0-3980MHz)	30	100	662000	DFT-s-OFDM QPSK	270/0	96.219	99.504	PASS
2A_n77(370 0-3980MHz)	30	100	662000	DFT-s-OFDM 16QAM	270/0	96.299	99.483	PASS
2A_n77(370 0-3980MHz)	30	100	662000	DFT-s-OFDM 64QAM	270/0	96.086	99.460	PASS
2A_n77(370 0-3980MHz)	30	100	662000	DFT-s-OFDM 256QAM	270/0	96.101	99.597	PASS
2A_n77(370 0-3980MHz)	30	100	662000	CP-OFDM QPSK	273/0	96.124	99.415	PASS



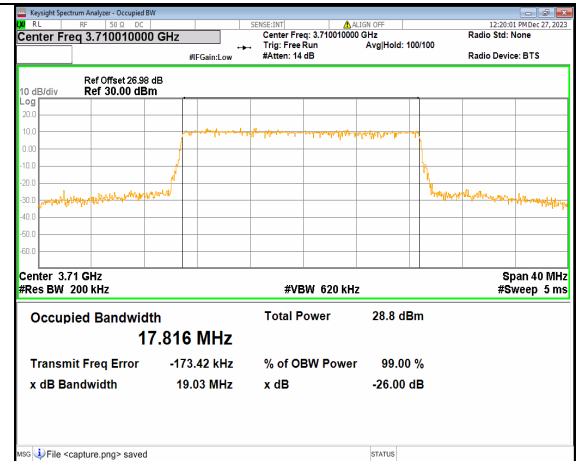
2A_n77(3700-3980MHz) 20M DFT-s-OFDM BPSK Outer_Full Low



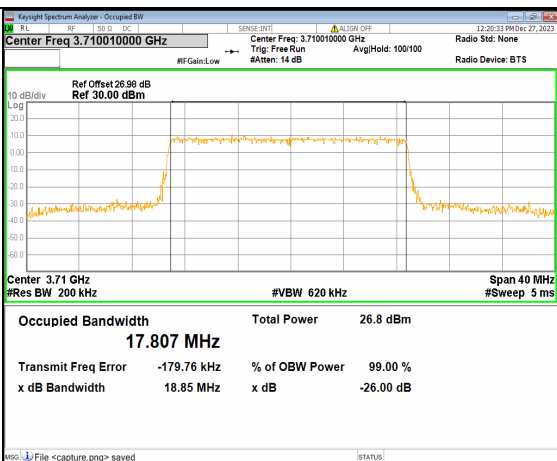
2A_n77(3700-3980MHz) 20M DFT-s-OFDM QPSK Outer_Full Low



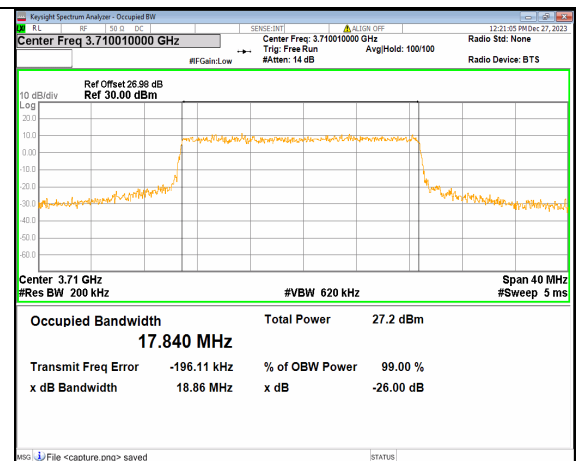
2A_n77(3700-3980MHz) 20M DFT-s-OFDM 16QAM Outer_Full Low



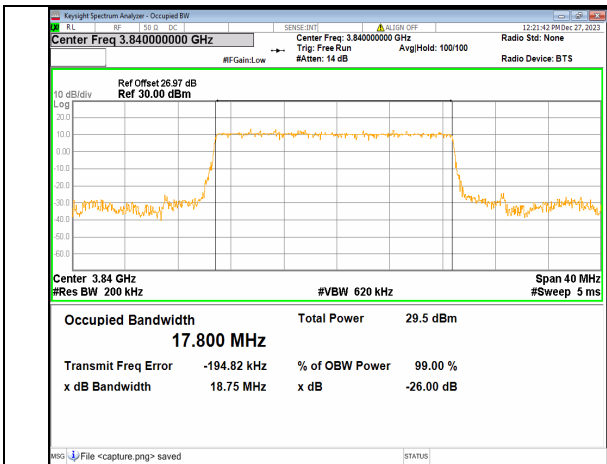
2A_n77(3700-3980MHz) 20M DFT-s-OFDM 64QAM Outer_Full Low



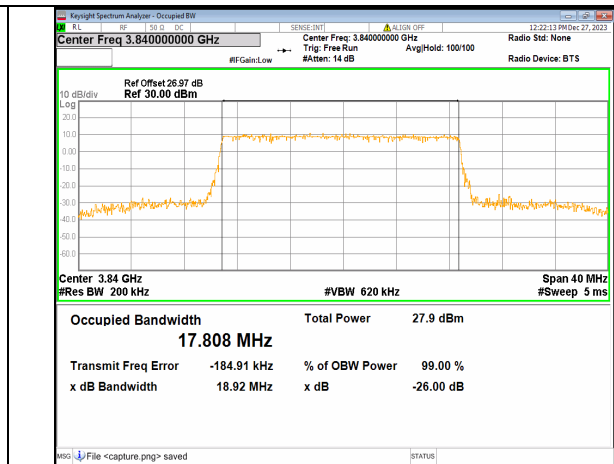
2A_n77(3700-3980MHz) 20M DFT-s-OFDM 256QAM Outer_Full Low



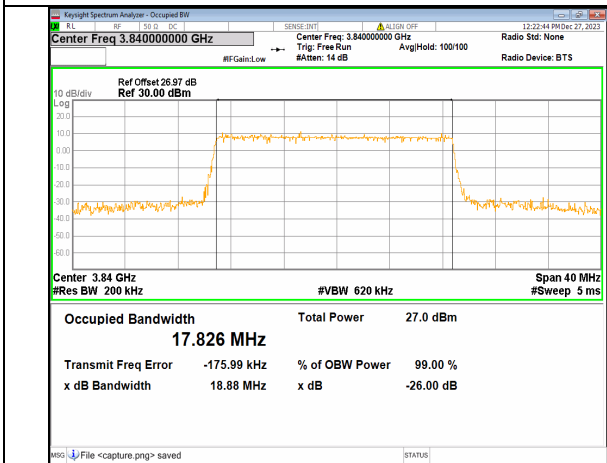
2A_n77(3700-3980MHz) 20M CP-OFDM QPSK Outer_Full Low



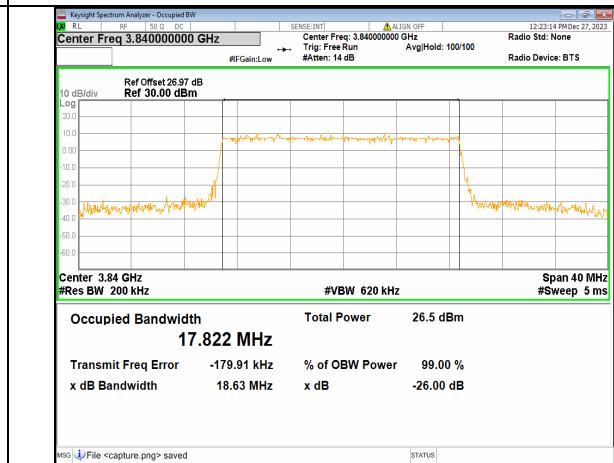
2A_n77(3700-3980MHz) 20M DFT-s-OFDM BPSK Outer_Full Mid



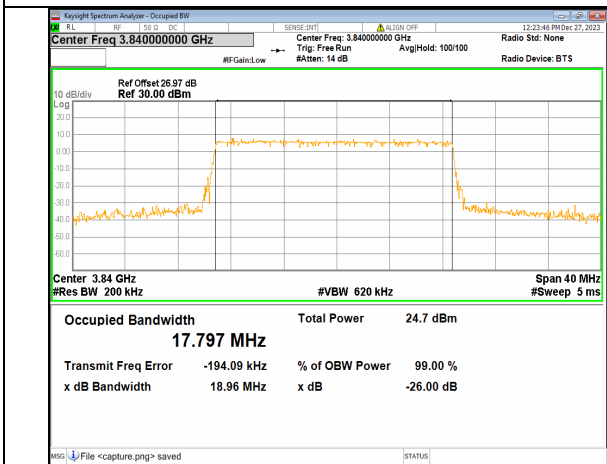
2A_n77(3700-3980MHz) 20M DFT-s-OFDM QPSK Outer_Full Mid



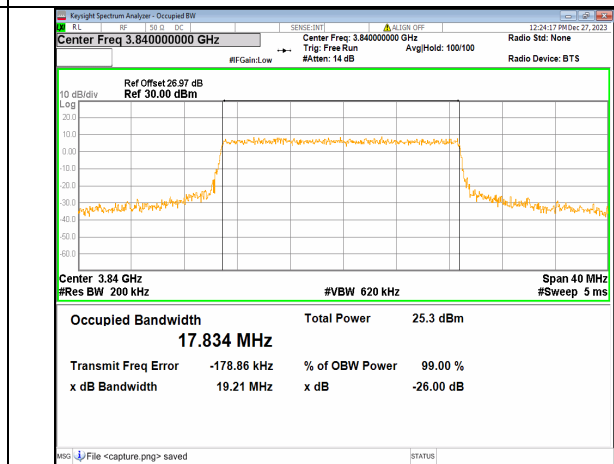
2A_n77(3700-3980MHz) 20M DFT-s-OFDM 16QAM Outer_Full Mid



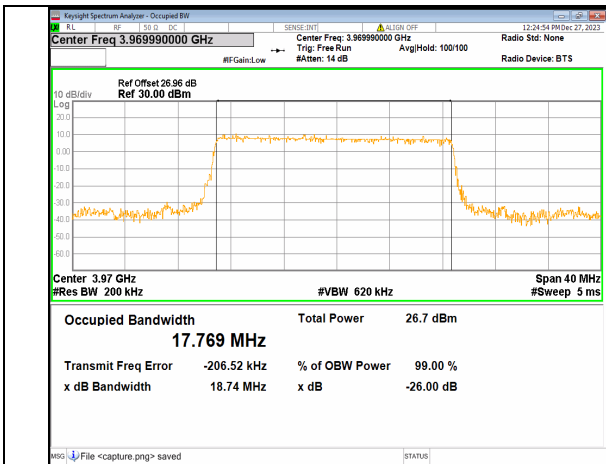
2A_n77(3700-3980MHz) 20M DFT-s-OFDM 64QAM Outer_Full Mid



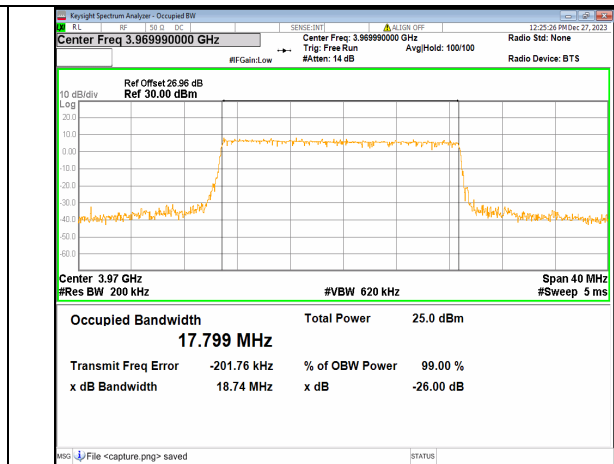
2A_n77(3700-3980MHz) 20M DFT-s-OFDM 256QAM Outer_Full Mid



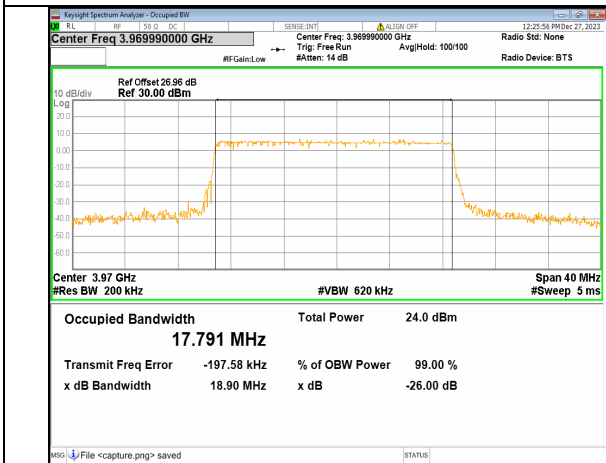
2A_n77(3700-3980MHz) 20M CP-OFDM QPSK Outer_Full Mid



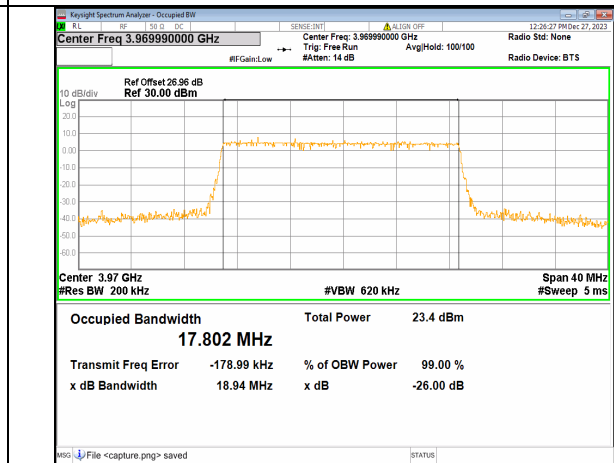
2A_n77(3700-3980MHz) 20M DFT-s-OFDM BPSK Outer_Full High



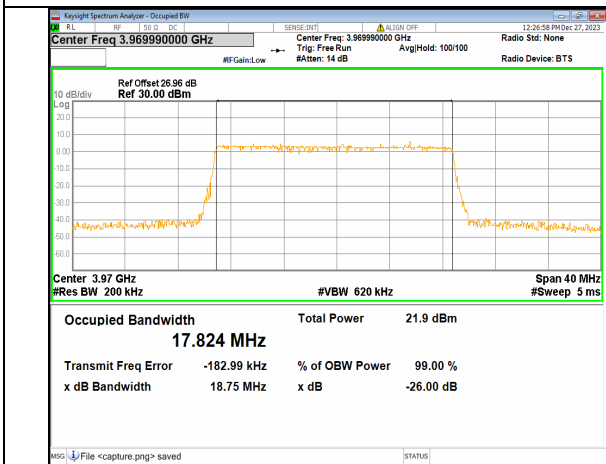
2A_n77(3700-3980MHz) 20M DFT-s-OFDM QPSK Outer_Full High



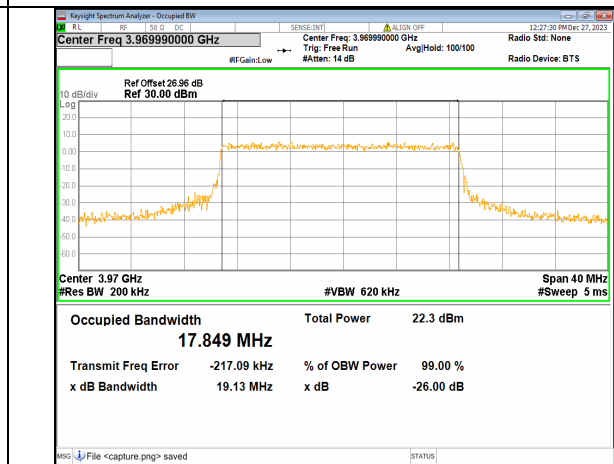
2A_n77(3700-3980MHz) 20M DFT-s-OFDM 16QAM Outer_Full High



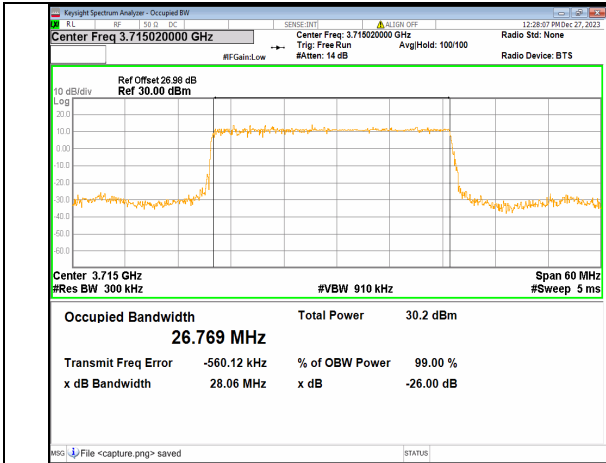
2A_n77(3700-3980MHz) 20M DFT-s-OFDM 64QAM Outer_Full High



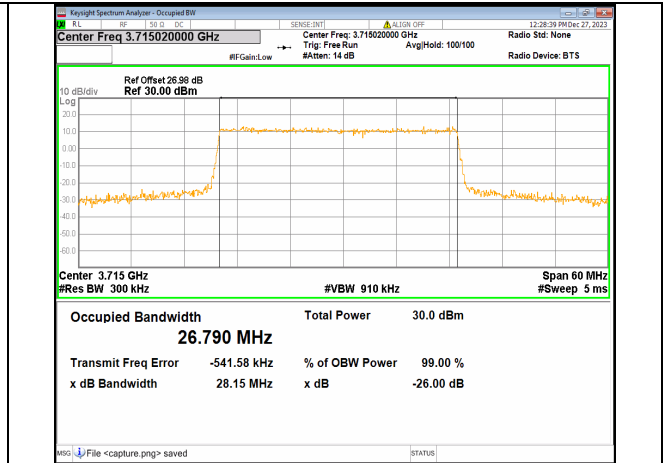
2A_n77(3700-3980MHz) 20M DFT-s-OFDM 256QAM Outer_Full High



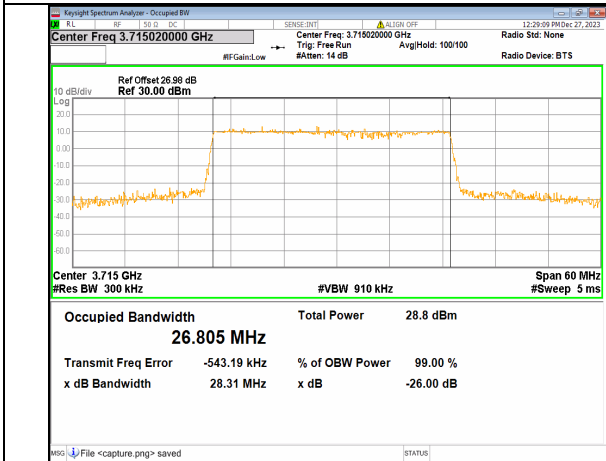
2A_n77(3700-3980MHz) 20M CP-OFDM QPSK Outer_Full High



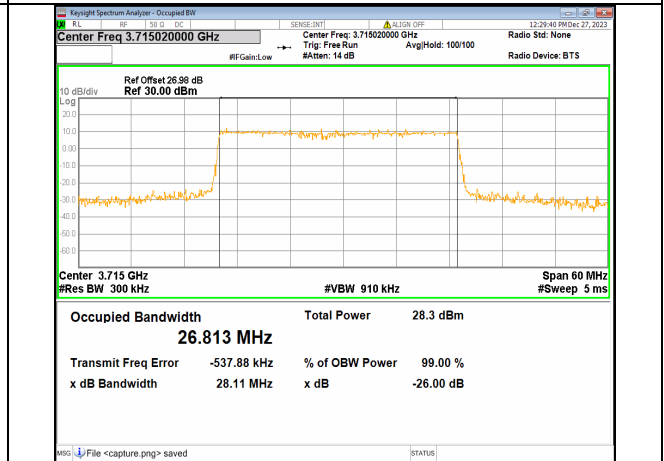
2A_n77(3700-3980MHz) 30M DFT-s-OFDM BPSK Outer_Full Low



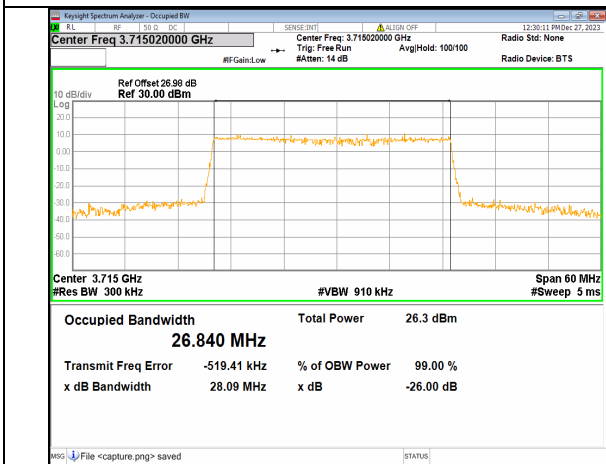
2A_n77(3700-3980MHz) 30M DFT-s-OFDM QPSK Outer_Full Low



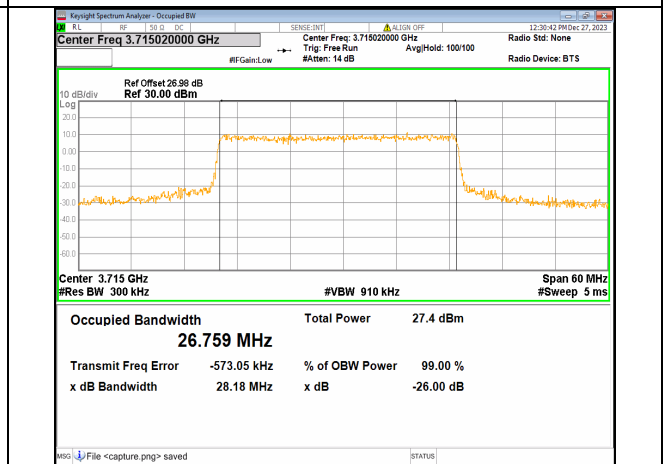
2A_n77(3700-3980MHz) 30M DFT-s-OFDM 16QAM Outer_Full Low



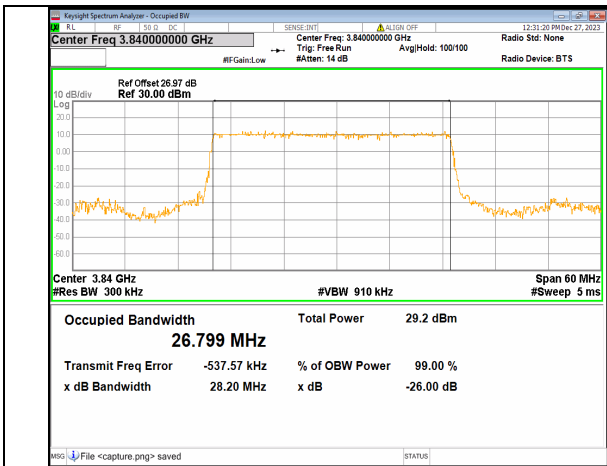
2A_n77(3700-3980MHz) 30M DFT-s-OFDM 64QAM Outer_Full Low



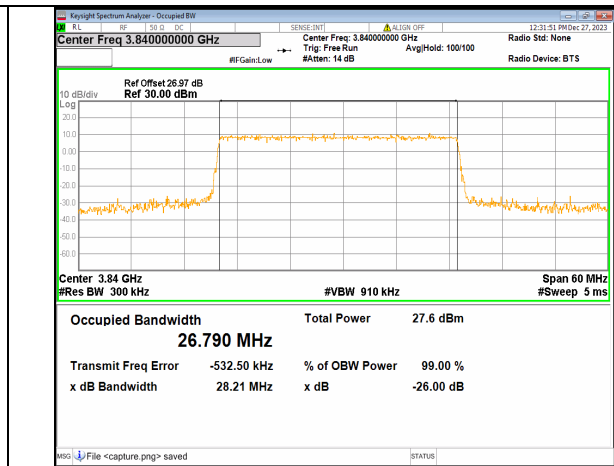
2A_n77(3700-3980MHz) 30M DFT-s-OFDM 256QAM Outer_Full Low



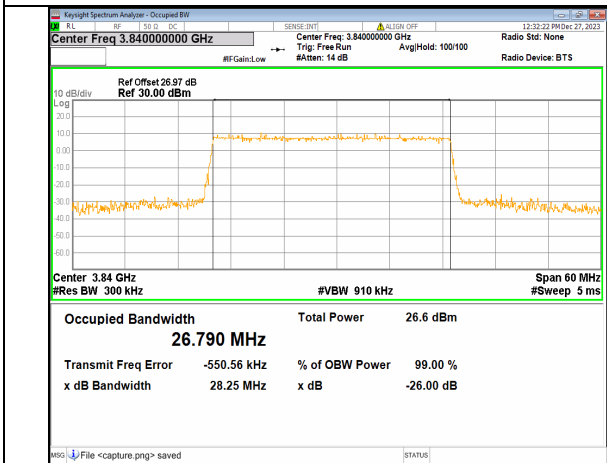
2A_n77(3700-3980MHz) 30M CP-OFDM QPSK Outer_Full Low



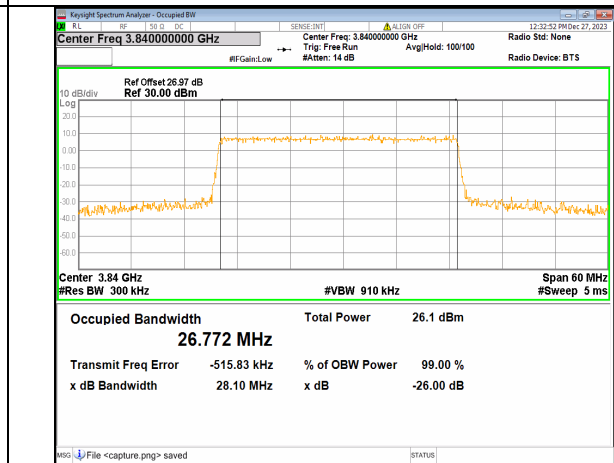
2A_n77(3700-3980MHz) 30M DFT-s-OFDM BPSK Outer_Full Mid



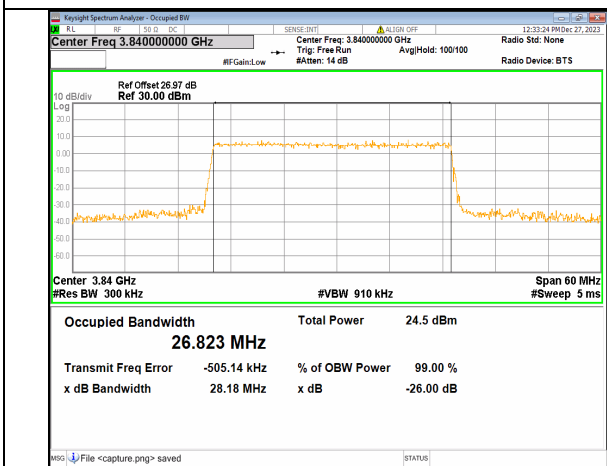
2A_n77(3700-3980MHz) 30M DFT-s-OFDM QPSK Outer_Full Mid



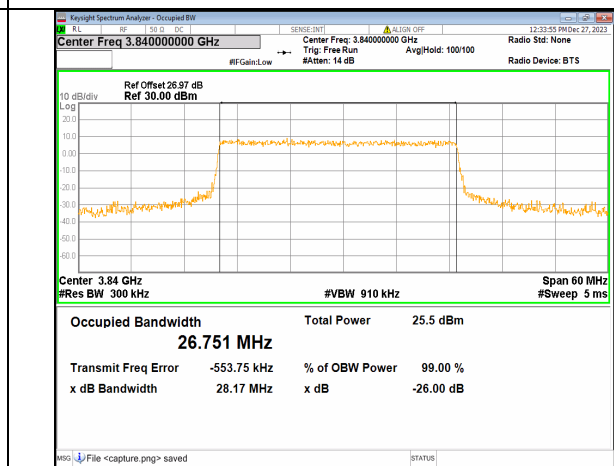
2A_n77(3700-3980MHz) 30M DFT-s-OFDM 16QAM Outer_Full Mid



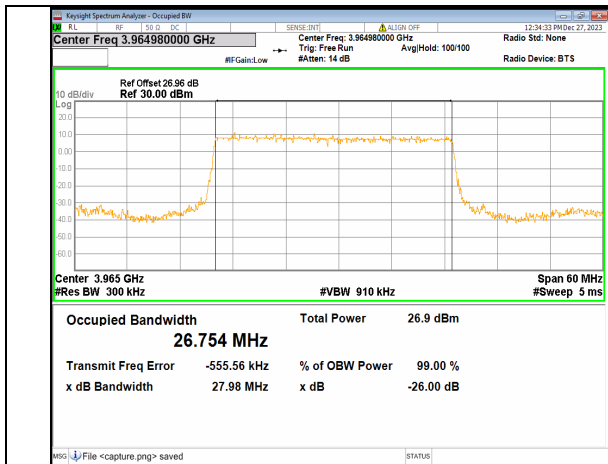
2A_n77(3700-3980MHz) 30M DFT-s-OFDM 64QAM Outer_Full Mid



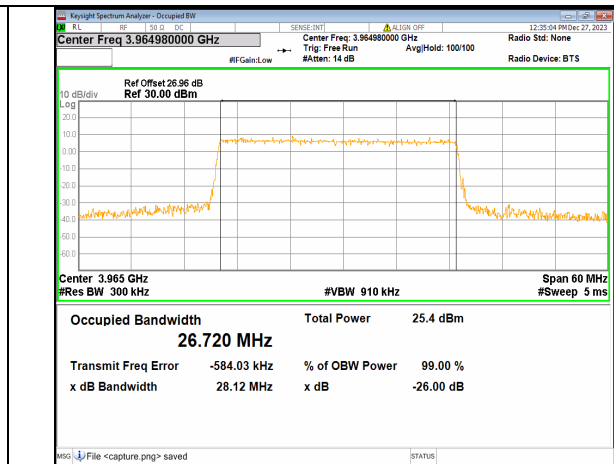
2A_n77(3700-3980MHz) 30M DFT-s-OFDM 256QAM Outer_Full Mid



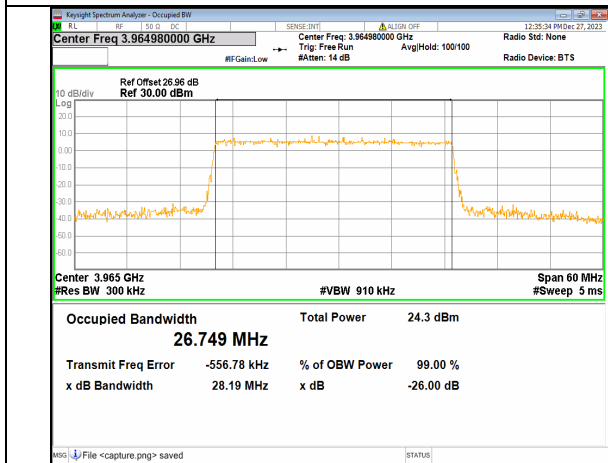
2A_n77(3700-3980MHz) 30M CP-OFDM QPSK Outer_Full Mid



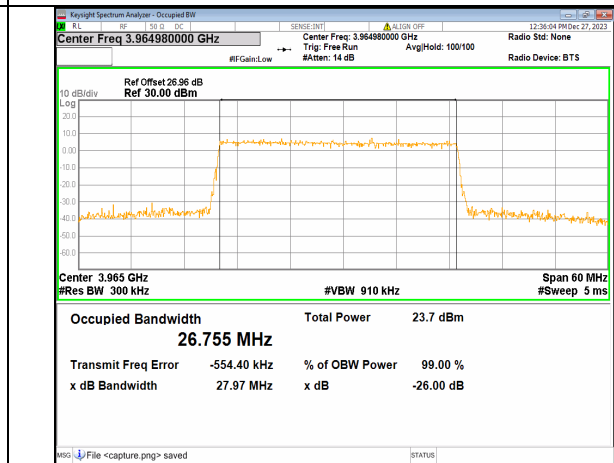
2A_n77(3700-3980MHz) 30M DFT-s-OFDM BPSK Outer_Full High



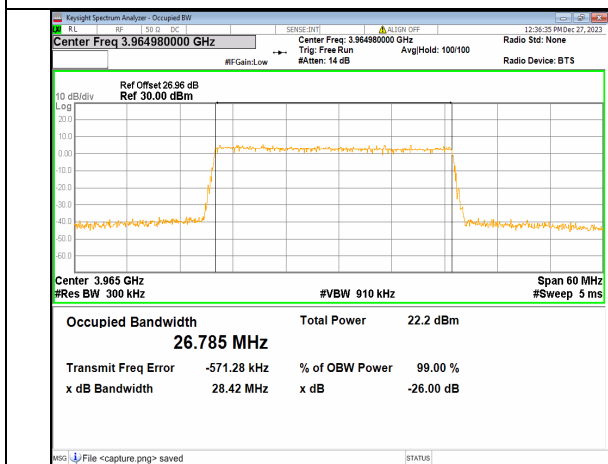
2A_n77(3700-3980MHz) 30M DFT-s-OFDM QPSK Outer_Full High



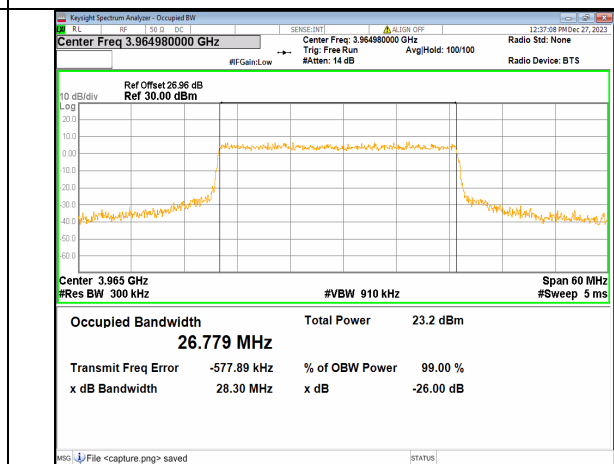
2A_n77(3700-3980MHz) 30M DFT-s-OFDM 16QAM Outer_Full High



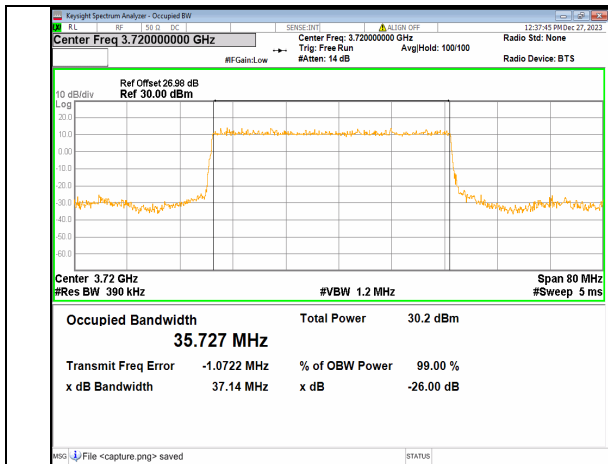
2A_n77(3700-3980MHz) 30M DFT-s-OFDM 64QAM Outer_Full High



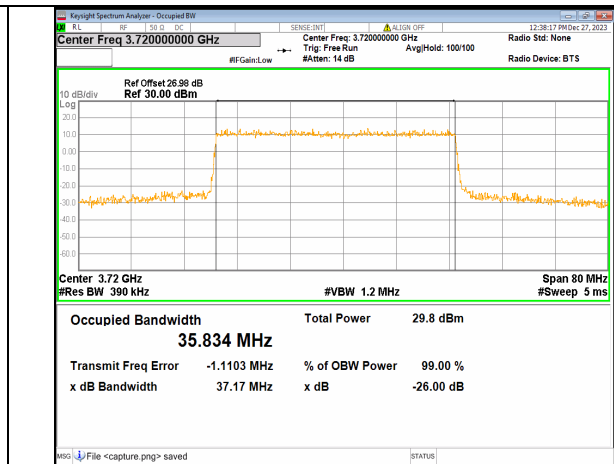
2A_n77(3700-3980MHz) 30M DFT-s-OFDM 256QAM Outer_Full High



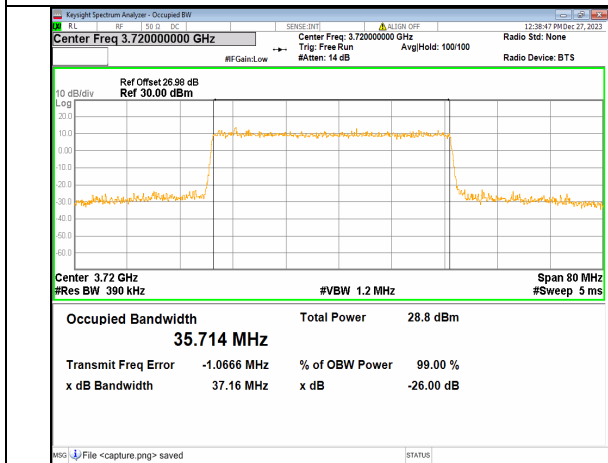
2A_n77(3700-3980MHz) 30M CP-OFDM QPSK Outer_Full High



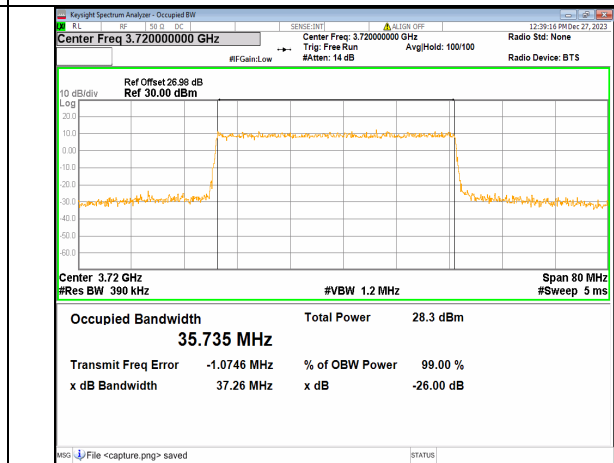
2A_n77(3700-3980MHz) 40M DFT-s-OFDM BPSK Outer_Full Low



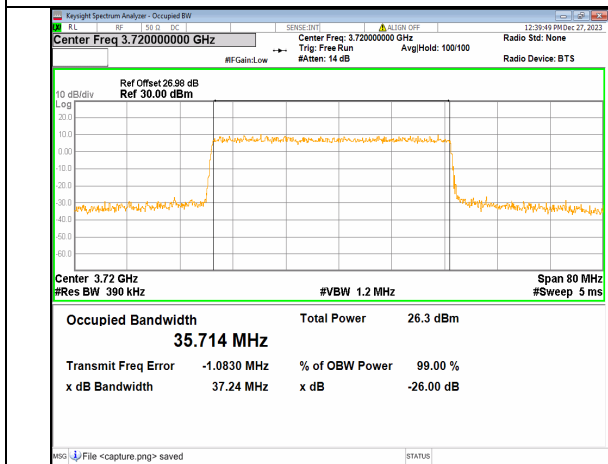
2A_n77(3700-3980MHz) 40M DFT-s-OFDM QPSK Outer_Full Low



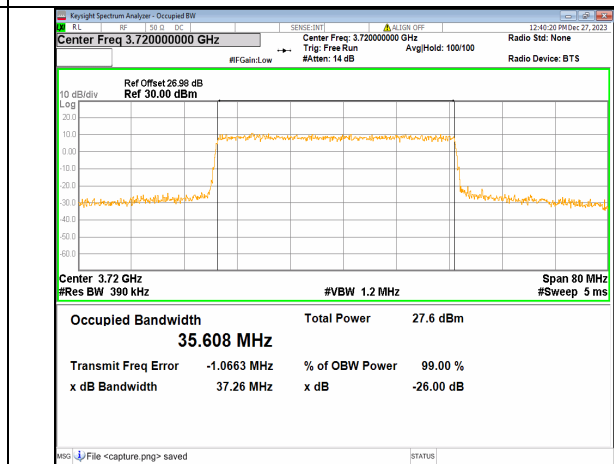
2A_n77(3700-3980MHz) 40M DFT-s-OFDM 16QAM Outer_Full Low



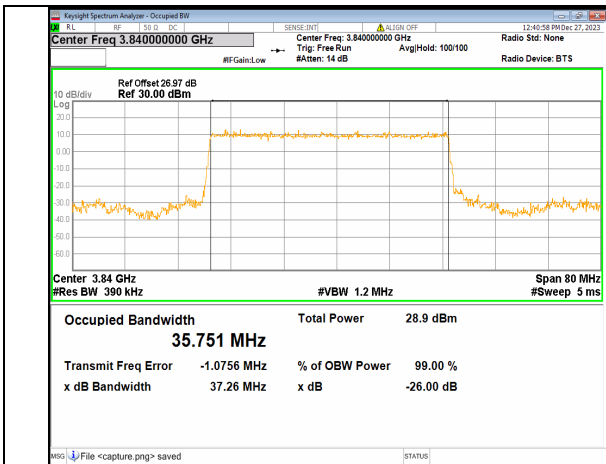
2A_n77(3700-3980MHz) 40M DFT-s-OFDM 64QAM Outer_Full Low



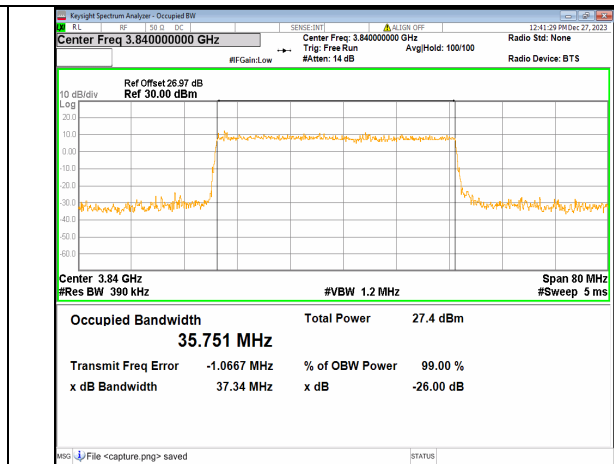
2A_n77(3700-3980MHz) 40M DFT-s-OFDM 256QAM Outer_Full Low



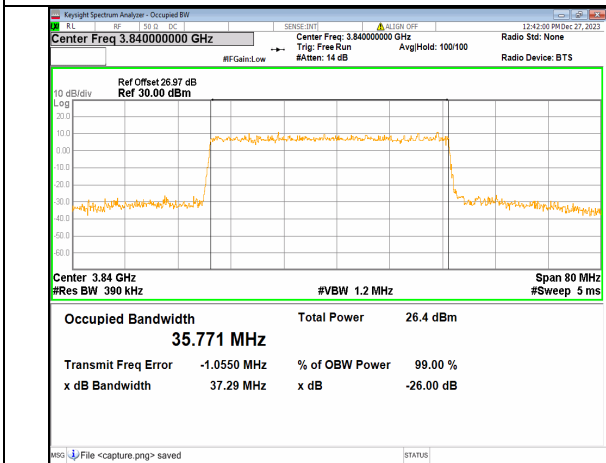
2A_n77(3700-3980MHz) 40M CP-OFDM QPSK Outer_Full Low



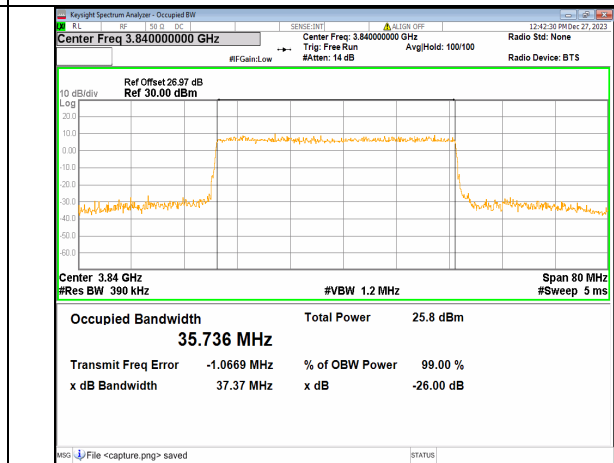
2A_n77(3700-3980MHz) 40M DFT-s-OFDM BPSK Outer_Full Mid



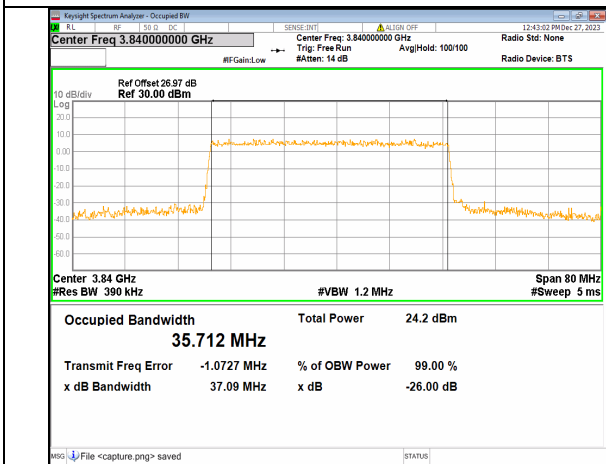
2A_n77(3700-3980MHz) 40M DFT-s-OFDM QPSK Outer_Full Mid



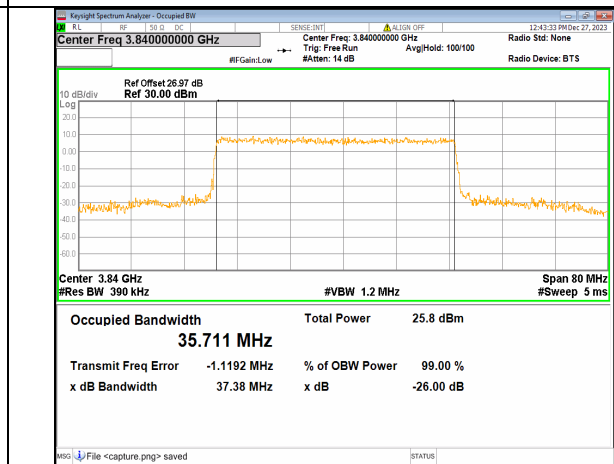
2A_n77(3700-3980MHz) 40M DFT-s-OFDM 16QAM Outer_Full Mid



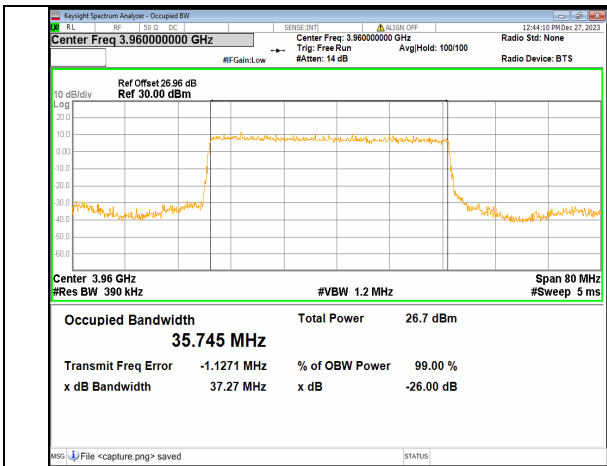
2A_n77(3700-3980MHz) 40M DFT-s-OFDM 64QAM Outer_Full Mid



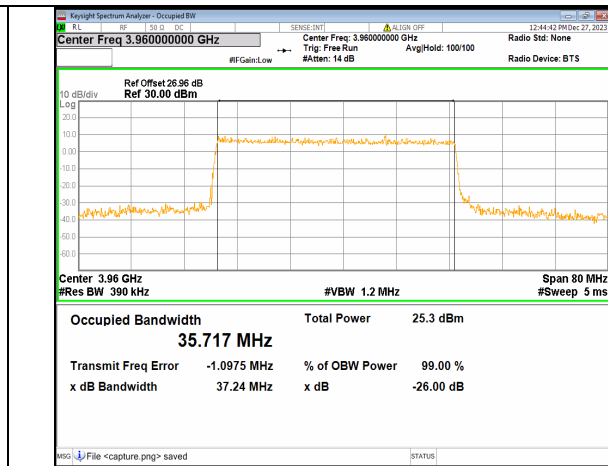
2A_n77(3700-3980MHz) 40M DFT-s-OFDM 256QAM Outer_Full Mid



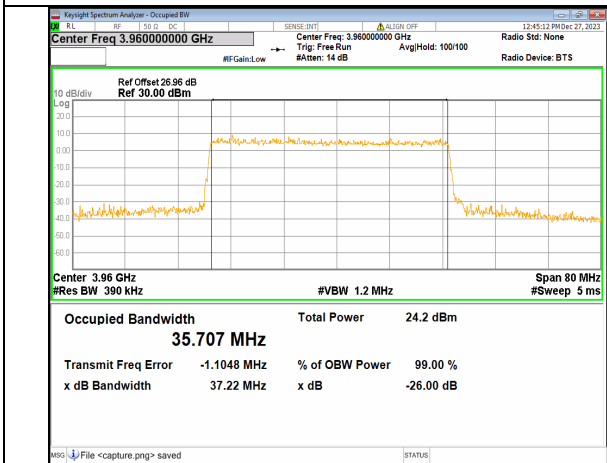
2A_n77(3700-3980MHz) 40M CP-OFDM QPSK Outer_Full Mid



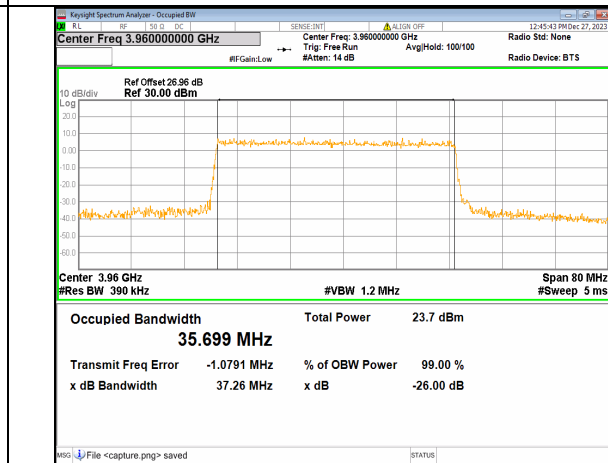
2A_n77(3700-3980MHz) 40M DFT-s-OFDM BPSK Outer_Full High



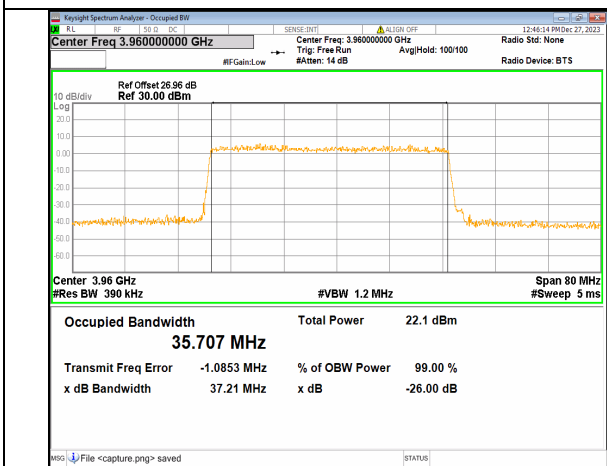
2A_n77(3700-3980MHz) 40M DFT-s-OFDM QPSK Outer_Full High



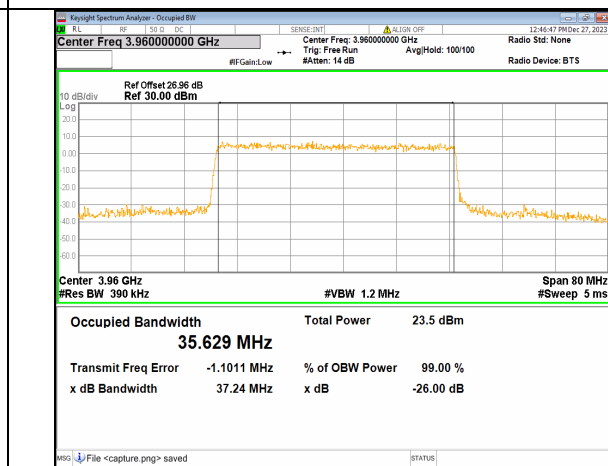
2A_n77(3700-3980MHz) 40M DFT-s-OFDM 16QAM Outer_Full High



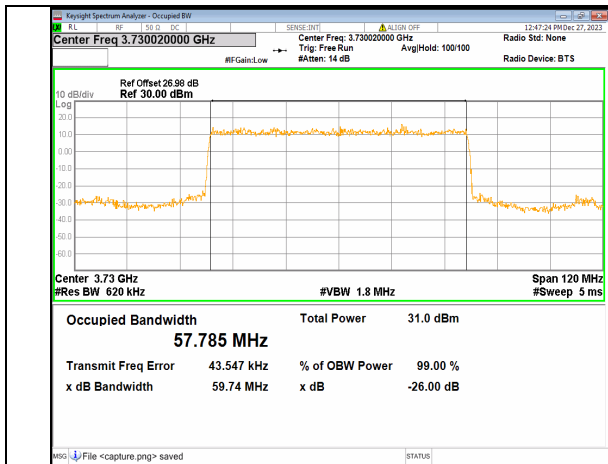
2A_n77(3700-3980MHz) 40M DFT-s-OFDM 64QAM Outer_Full High



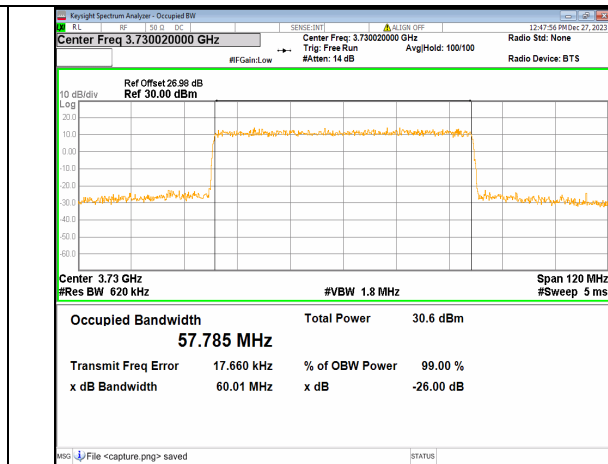
2A_n77(3700-3980MHz) 40M DFT-s-OFDM 256QAM Outer_Full High



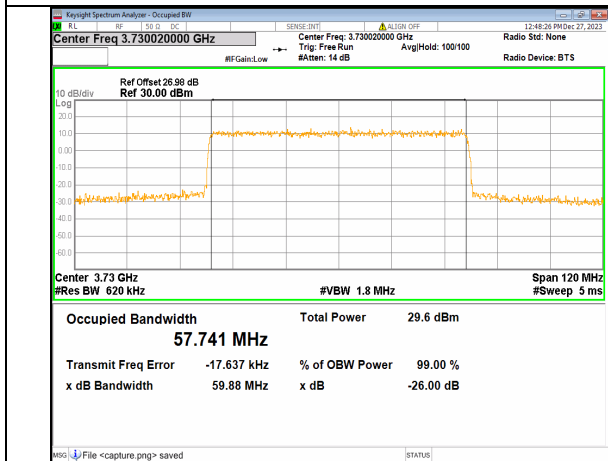
2A_n77(3700-3980MHz) 40M CP-OFDM QPSK Outer_Full High



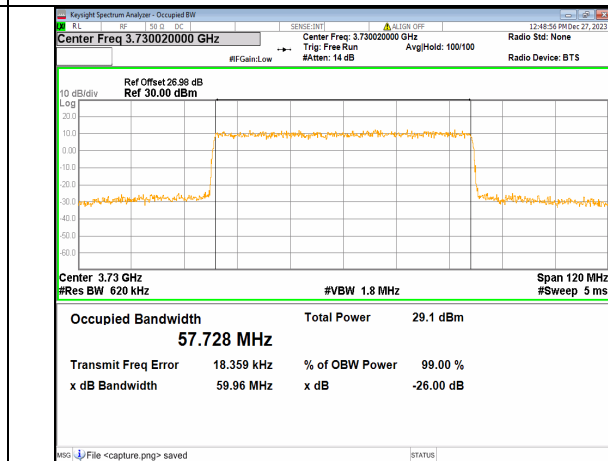
2A_n77(3700-3980MHz) 60M DFT-s-OFDM BPSK Outer_Full Low



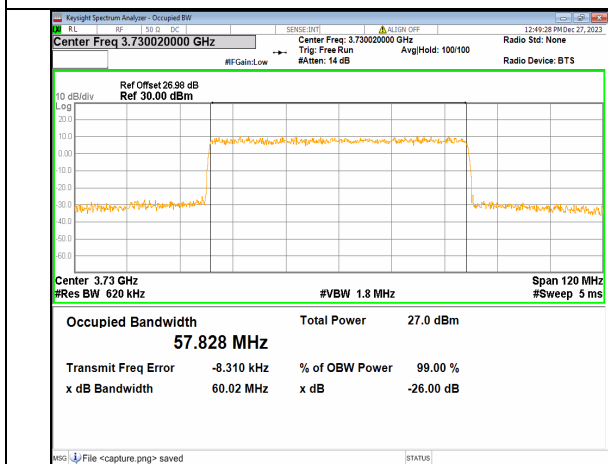
2A_n77(3700-3980MHz) 60M DFT-s-OFDM QPSK Outer_Full Low



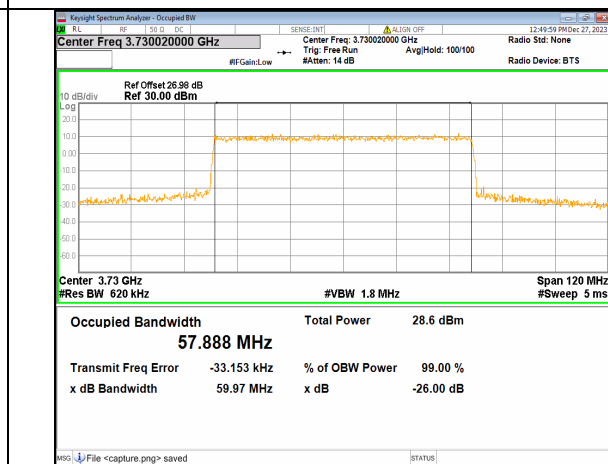
2A_n77(3700-3980MHz) 60M DFT-s-OFDM 16QAM Outer_Full Low



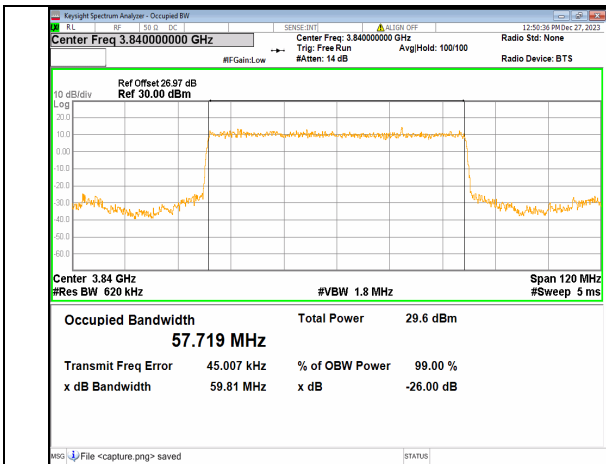
2A_n77(3700-3980MHz) 60M DFT-s-OFDM 64QAM Outer_Full Low



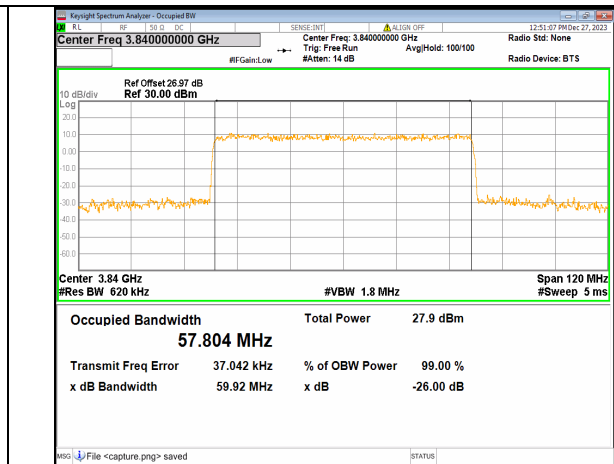
2A_n77(3700-3980MHz) 60M DFT-s-OFDM 256QAM Outer_Full Low



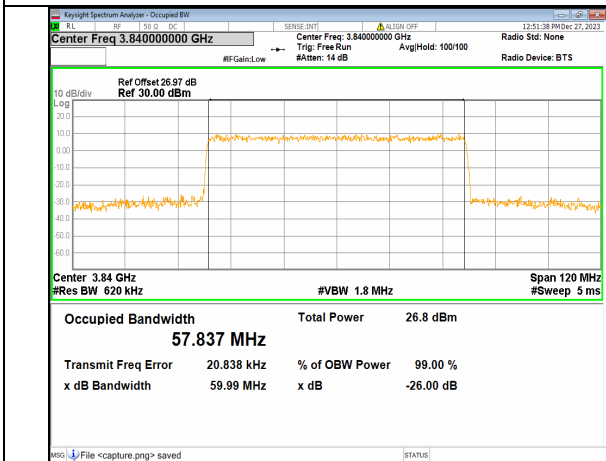
2A_n77(3700-3980MHz) 60M CP-OFDM QPSK Outer_Full Low



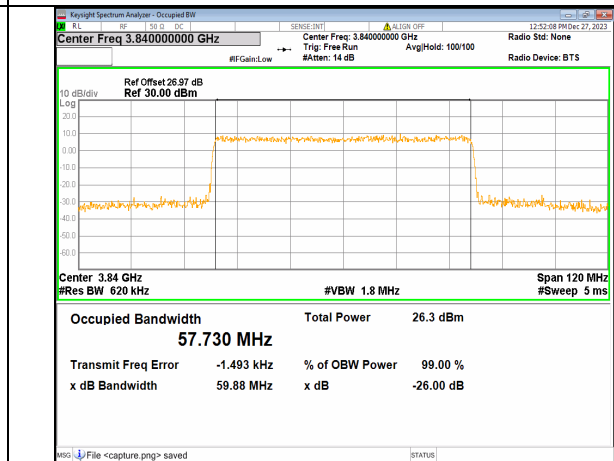
2A_n77(3700-3980MHz) 60M DFT-s-OFDM BPSK Outer_Full Mid



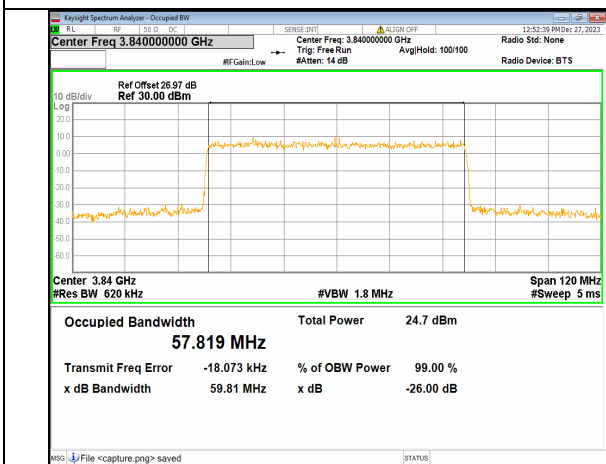
2A_n77(3700-3980MHz) 60M DFT-s-OFDM QPSK Outer_Full Mid



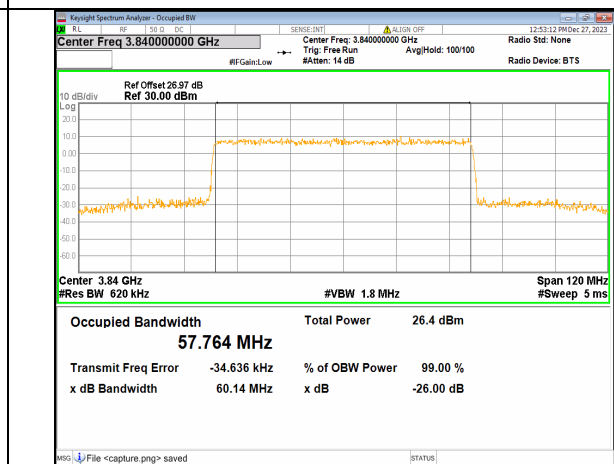
2A_n77(3700-3980MHz) 60M DFT-s-OFDM 16QAM Outer_Full Mid



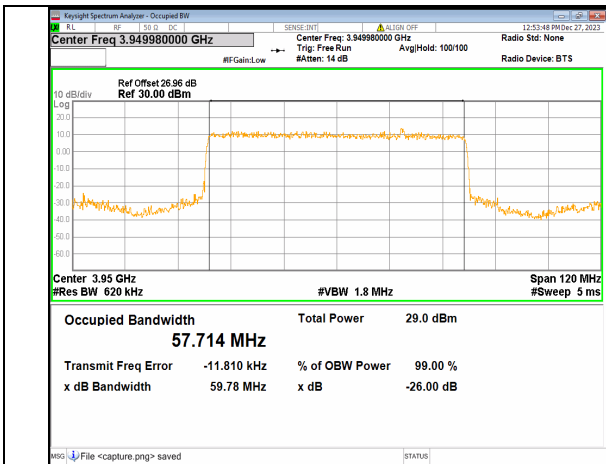
2A_n77(3700-3980MHz) 60M DFT-s-OFDM 64QAM Outer_Full Mid



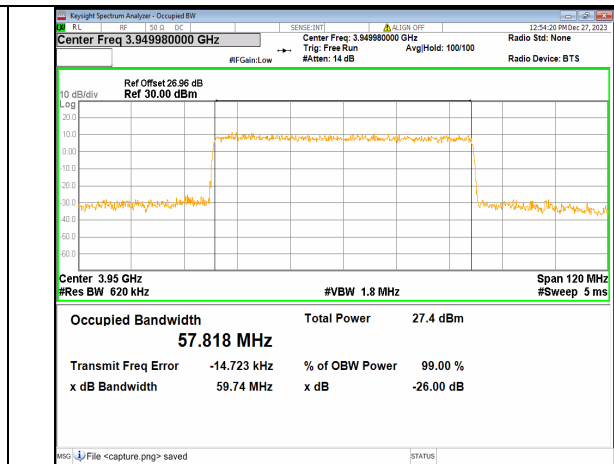
2A_n77(3700-3980MHz) 60M DFT-s-OFDM 256QAM Outer_Full Mid



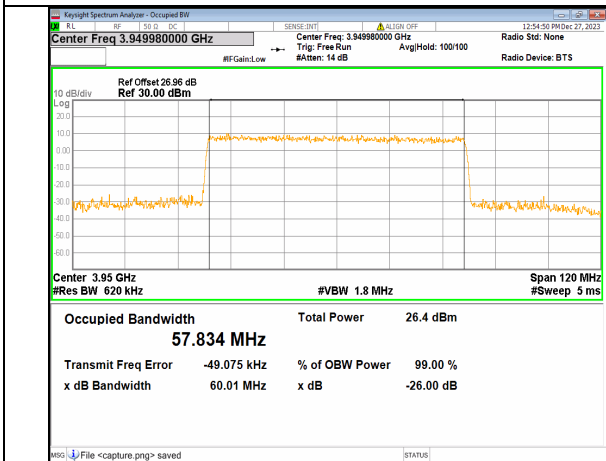
2A_n77(3700-3980MHz) 60M CP-OFDM QPSK Outer_Full Mid



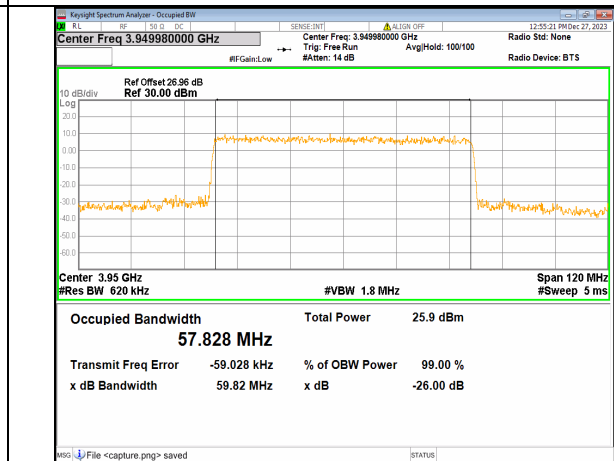
2A_n77(3700-3980MHz) 60M DFT-s-OFDM BPSK Outer_Full High



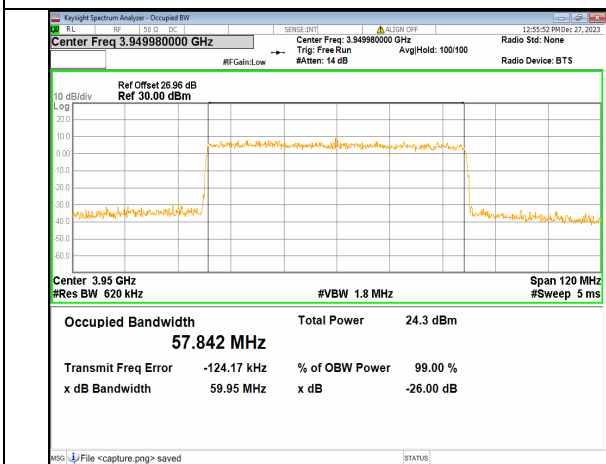
2A_n77(3700-3980MHz) 60M DFT-s-OFDM QPSK Outer_Full High



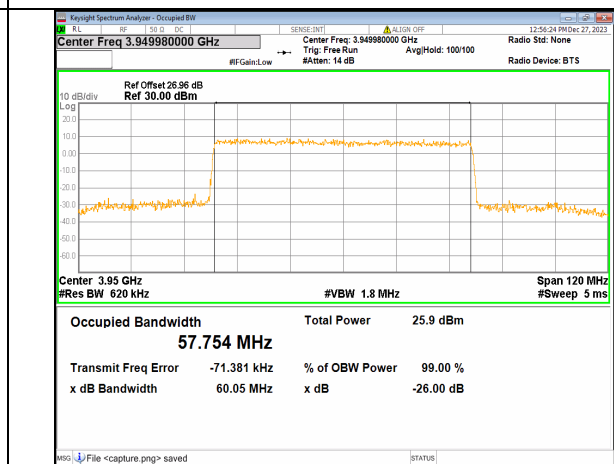
2A_n77(3700-3980MHz) 60M DFT-s-OFDM 16QAM Outer_Full High



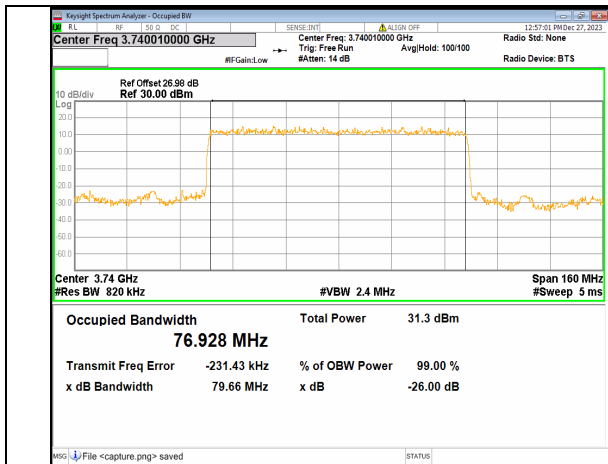
2A_n77(3700-3980MHz) 60M DFT-s-OFDM 64QAM Outer_Full High



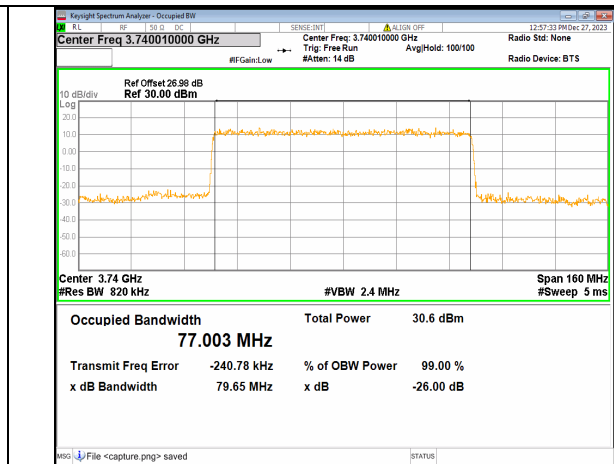
2A_n77(3700-3980MHz) 60M DFT-s-OFDM 256QAM Outer_Full High



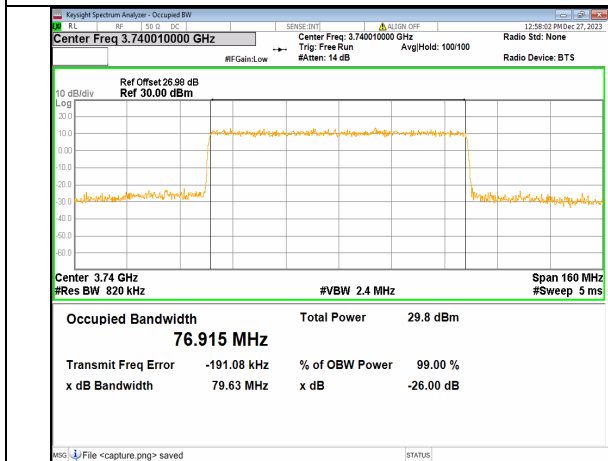
2A_n77(3700-3980MHz) 60M CP-OFDM QPSK Outer_Full High



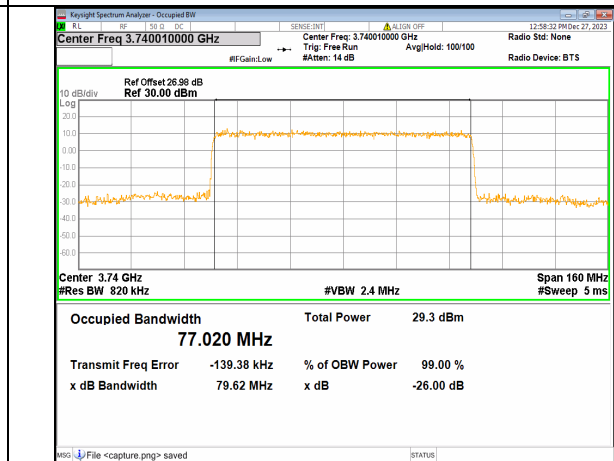
2A_n77(3700-3980MHz) 80M DFT-s-OFDM BPSK Outer_Full Low



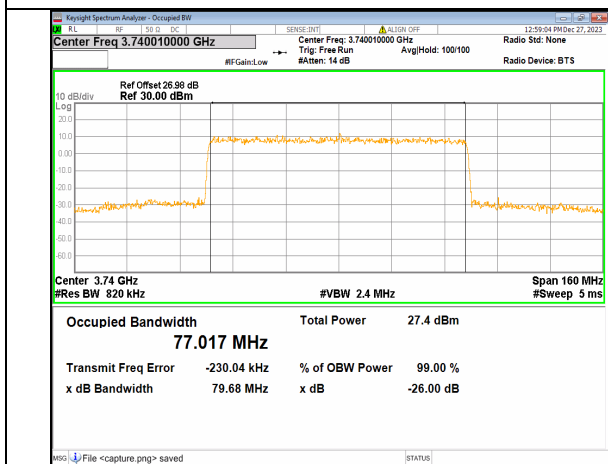
2A_n77(3700-3980MHz) 80M DFT-s-OFDM QPSK Outer_Full Low



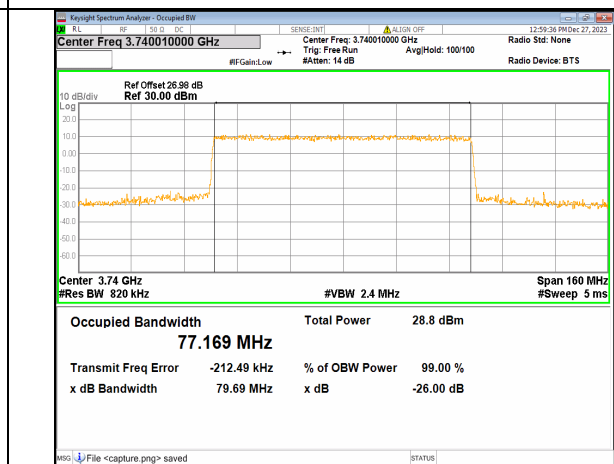
2A_n77(3700-3980MHz) 80M DFT-s-OFDM 16QAM Outer_Full Low



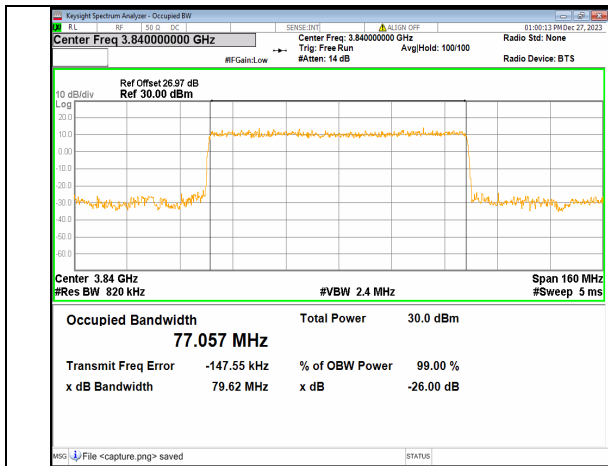
2A_n77(3700-3980MHz) 80M DFT-s-OFDM 64QAM Outer_Full Low



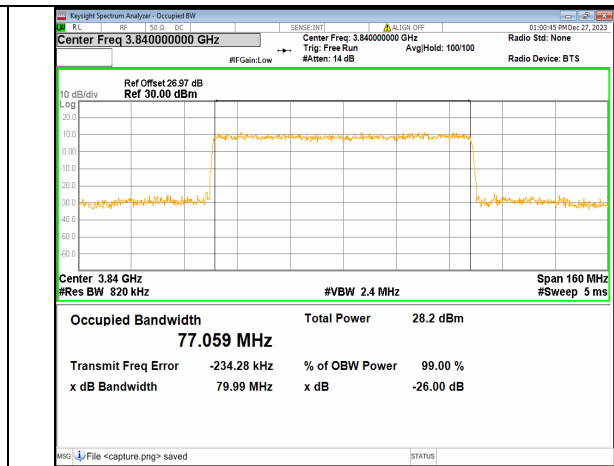
2A_n77(3700-3980MHz) 80M DFT-s-OFDM 256QAM Outer_Full Low



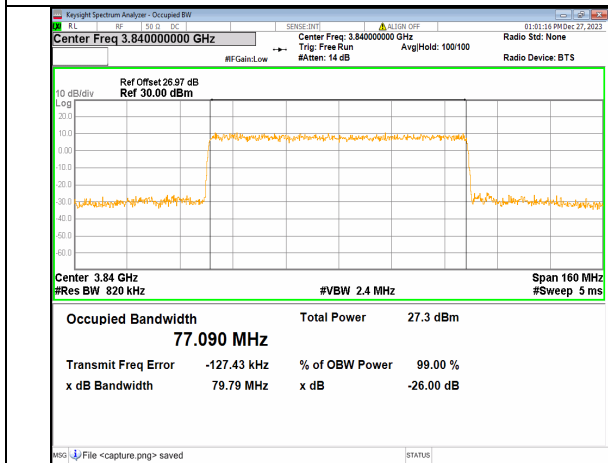
2A_n77(3700-3980MHz) 80M CP-OFDM QPSK Outer_Full Low



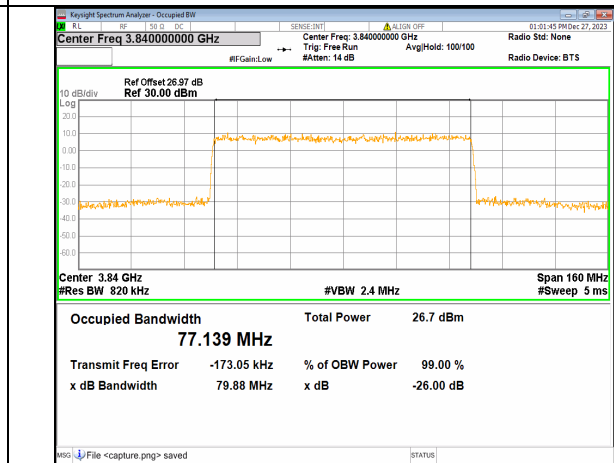
2A_n77(3700-3980MHz) 80M DFT-s-OFDM BPSK Outer_Full Mid



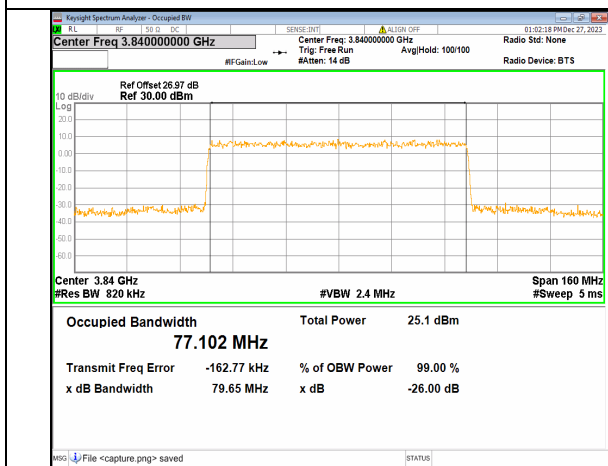
2A_n77(3700-3980MHz) 80M DFT-s-OFDM QPSK Outer_Full Mid



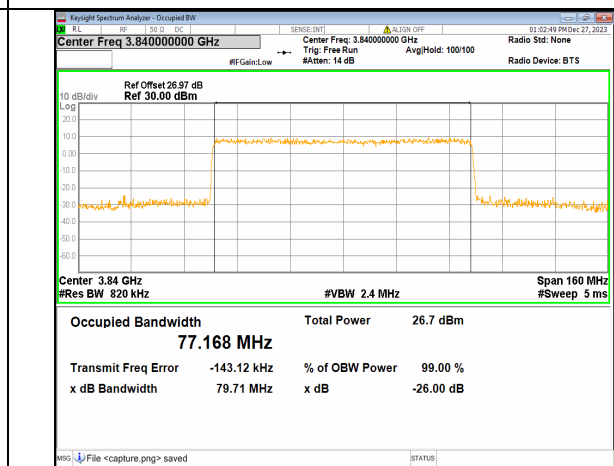
2A_n77(3700-3980MHz) 80M DFT-s-OFDM 16QAM Outer_Full Mid



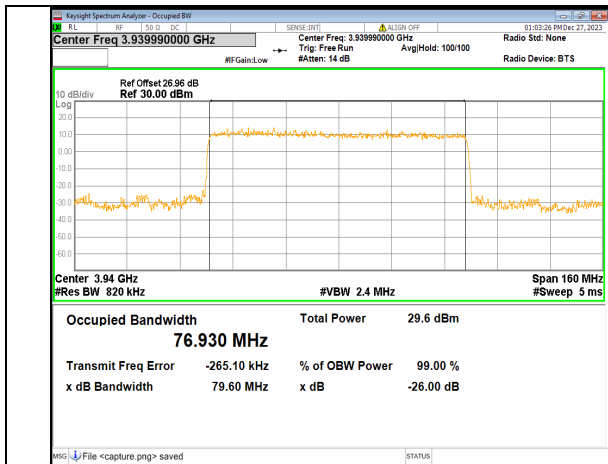
2A_n77(3700-3980MHz) 80M DFT-s-OFDM 64QAM Outer_Full Mid



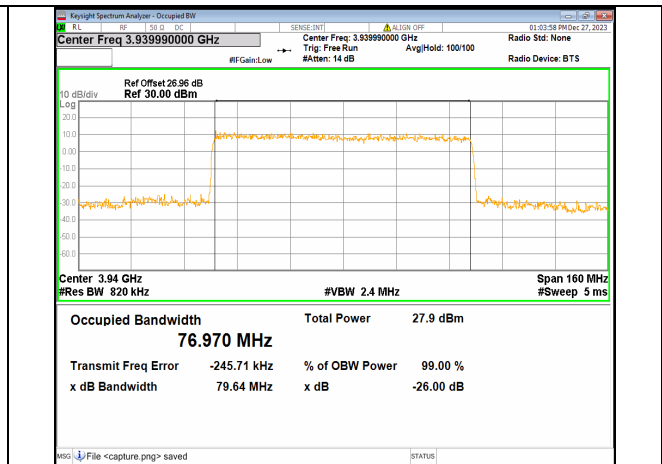
2A_n77(3700-3980MHz) 80M DFT-s-OFDM 256QAM Outer_Full Mid



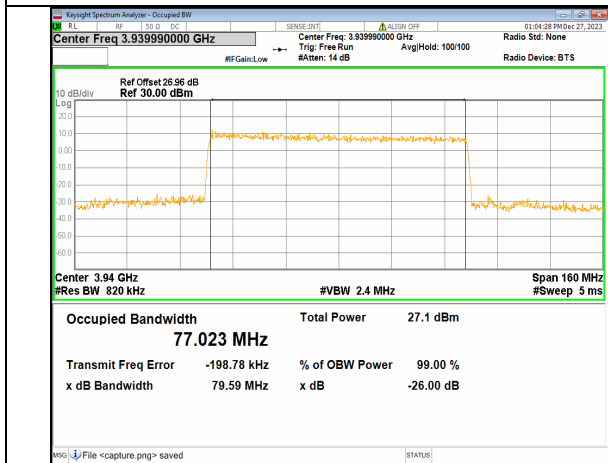
2A_n77(3700-3980MHz) 80M CP-OFDM QPSK Outer_Full Mid



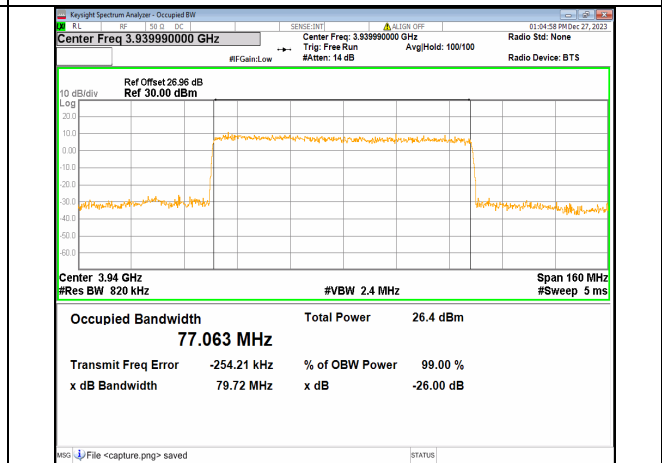
2A_n77(3700-3980MHz) 80M DFT-s-OFDM BPSK Outer_Full High



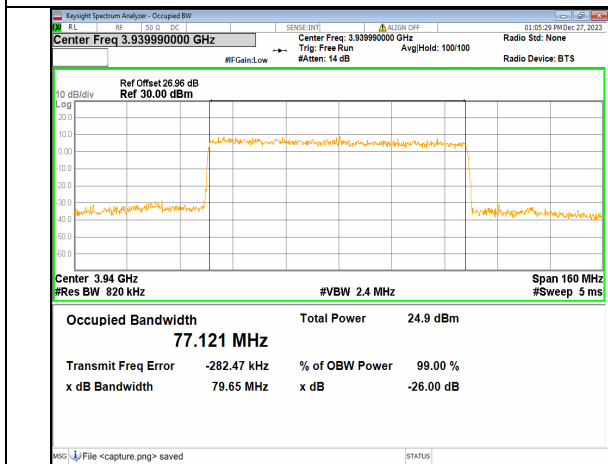
2A_n77(3700-3980MHz) 80M DFT-s-OFDM QPSK Outer_Full High



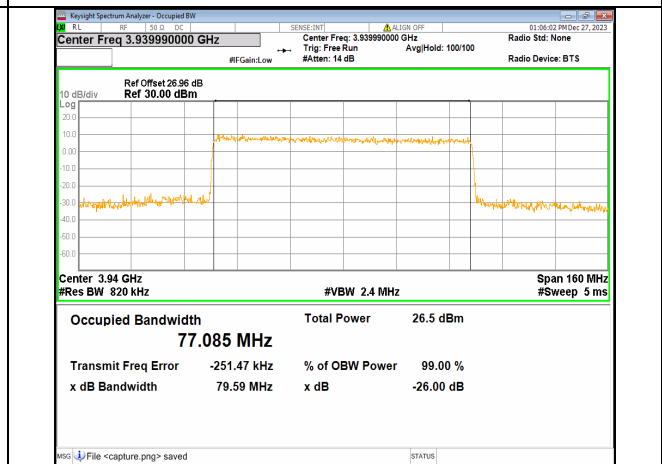
2A_n77(3700-3980MHz) 80M DFT-s-OFDM 16QAM Outer_Full High



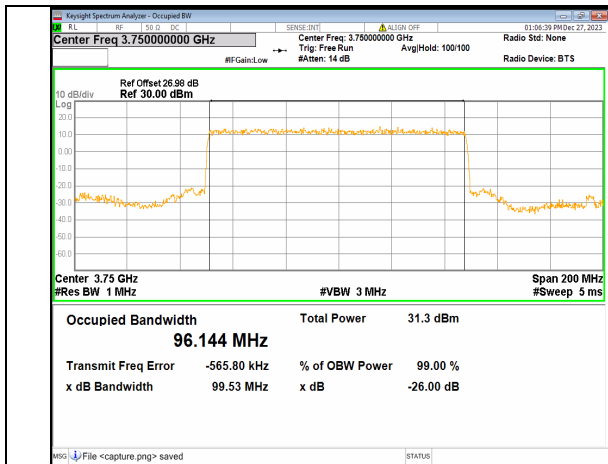
2A_n77(3700-3980MHz) 80M DFT-s-OFDM 64QAM Outer_Full High



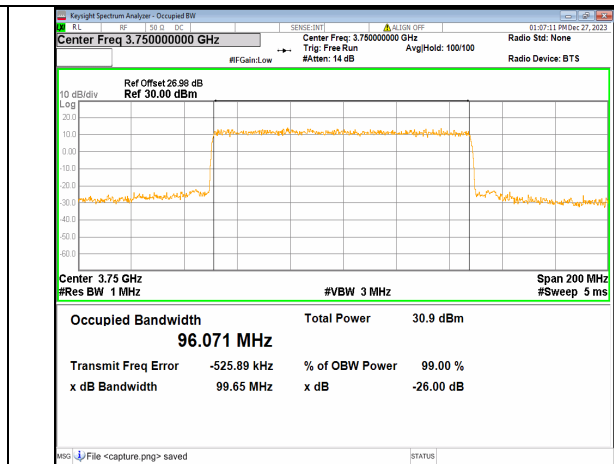
2A_n77(3700-3980MHz) 80M DFT-s-OFDM 256QAM Outer_Full High



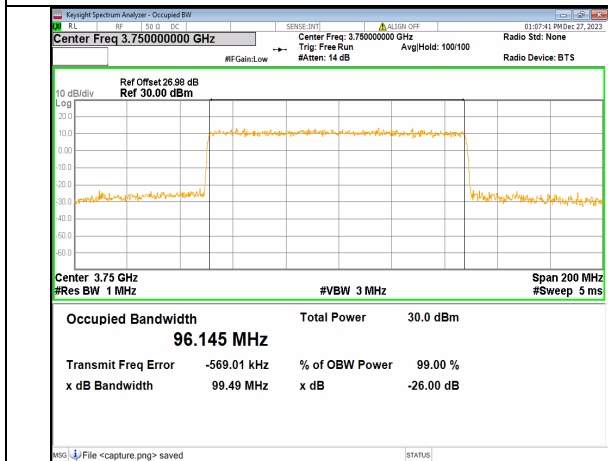
2A_n77(3700-3980MHz) 80M CP-OFDM QPSK Outer_Full High



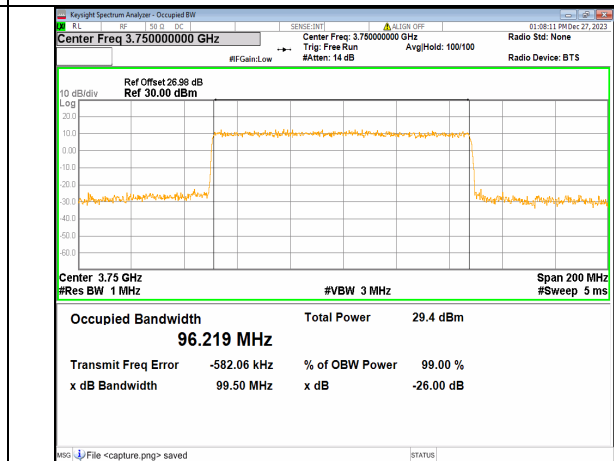
2A_n77(3700-3980MHz) 100M DFT-s-OFDM BPSK Outer_Full Low



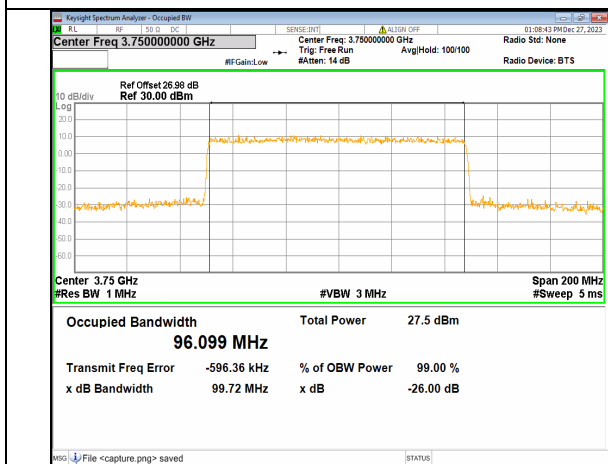
2A_n77(3700-3980MHz) 100M DFT-s-OFDM QPSK Outer_Full Low



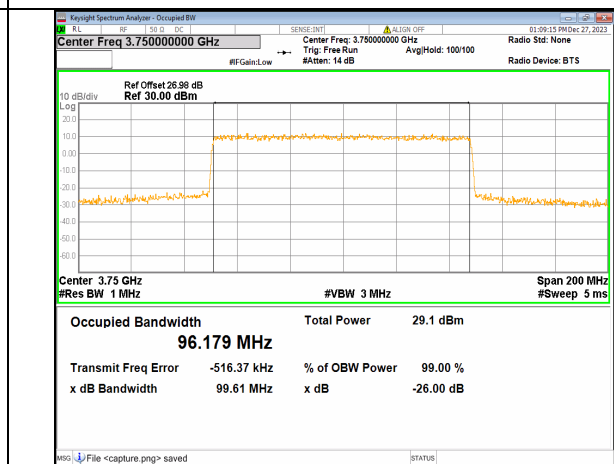
2A_n77(3700-3980MHz) 100M DFT-s-OFDM 16QAM Outer_Full Low



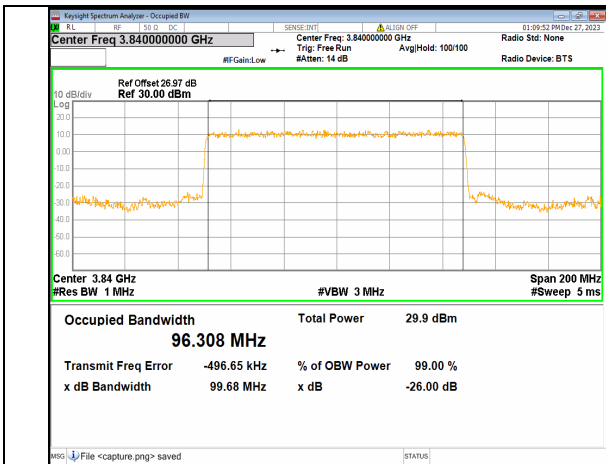
2A_n77(3700-3980MHz) 100M DFT-s-OFDM 64QAM Outer_Full Low



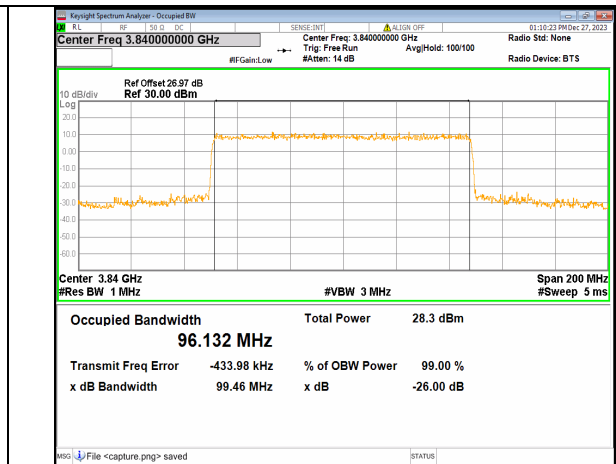
2A_n77(3700-3980MHz) 100M DFT-s-OFDM 256QAM Outer_Full Low



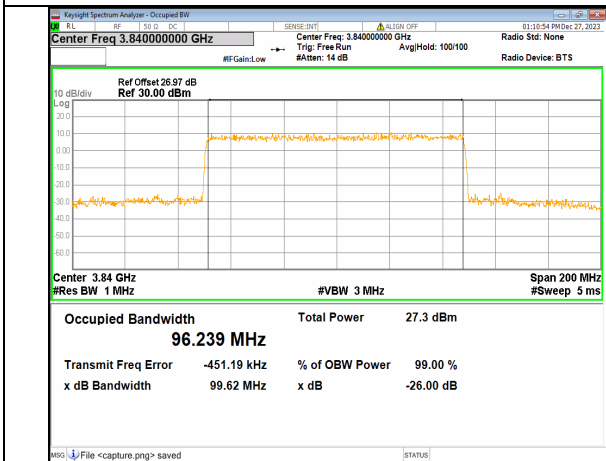
2A_n77(3700-3980MHz) 100M CP-OFDM QPSK Outer_Full Low



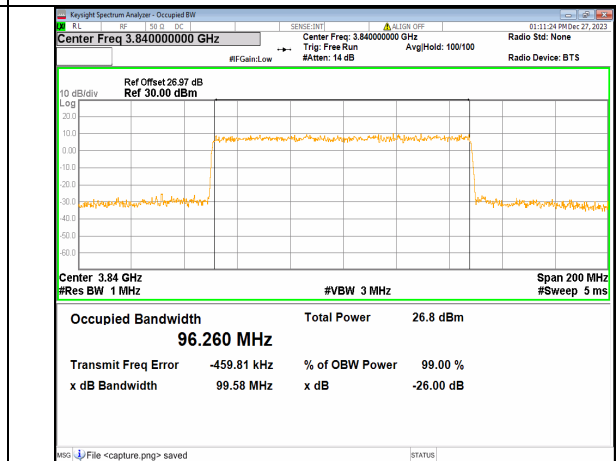
2A_n77(3700-3980MHz) 100M DFT-s-OFDM BPSK Outer_Full Mid



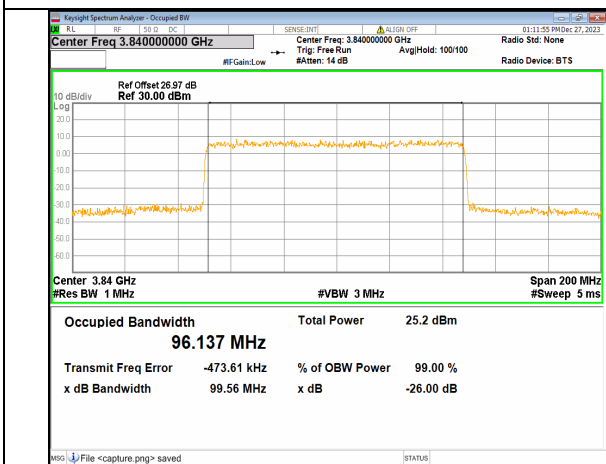
2A_n77(3700-3980MHz) 100M DFT-s-OFDM QPSK Outer_Full Mid



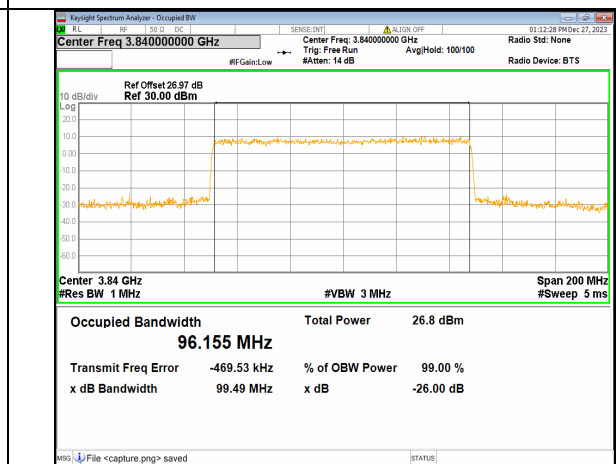
2A_n77(3700-3980MHz) 100M DFT-s-OFDM 16QAM Outer_Full Mid



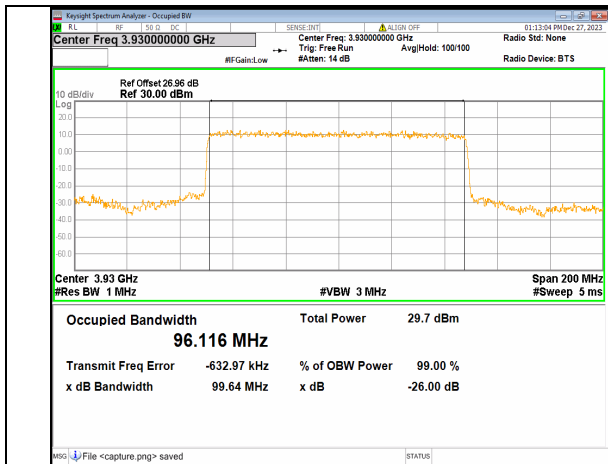
2A_n77(3700-3980MHz) 100M DFT-s-OFDM 64QAM Outer_Full Mid



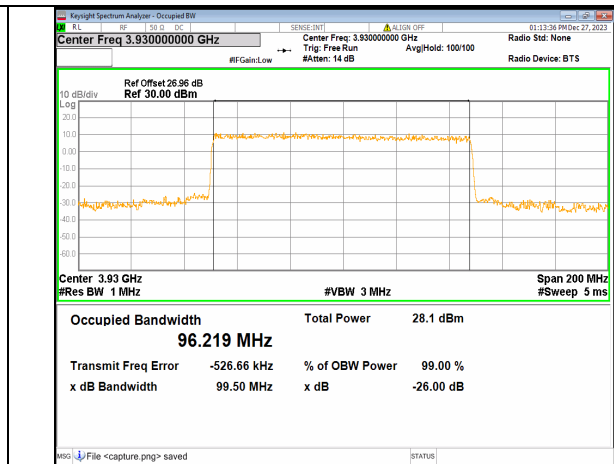
2A_n77(3700-3980MHz) 100M DFT-s-OFDM 256QAM Outer_Full Mid



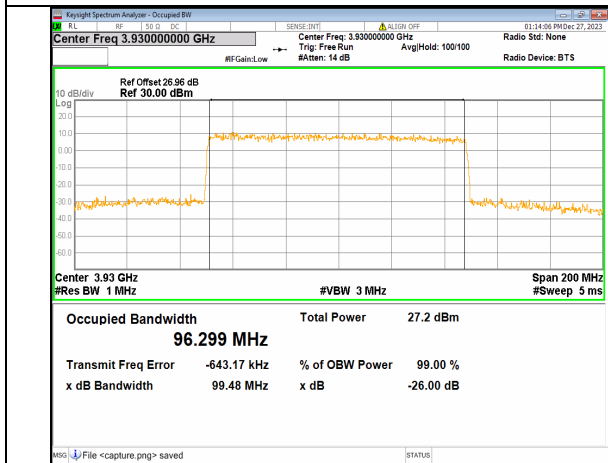
2A_n77(3700-3980MHz) 100M CP-OFDM QPSK Outer_Full Mid



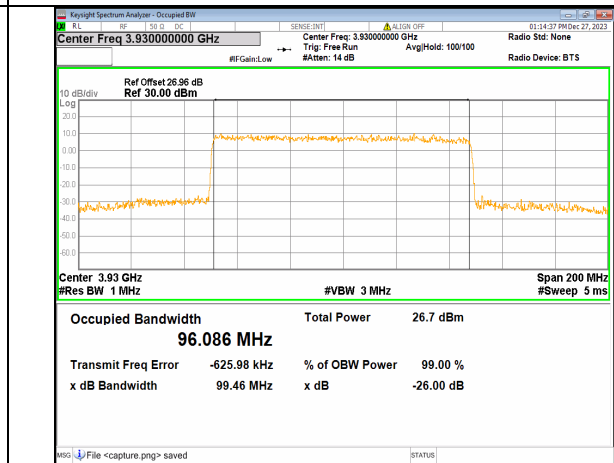
2A_n77(3700-3980MHz) 100M DFT-s-OFDM BPSK Outer_Full High



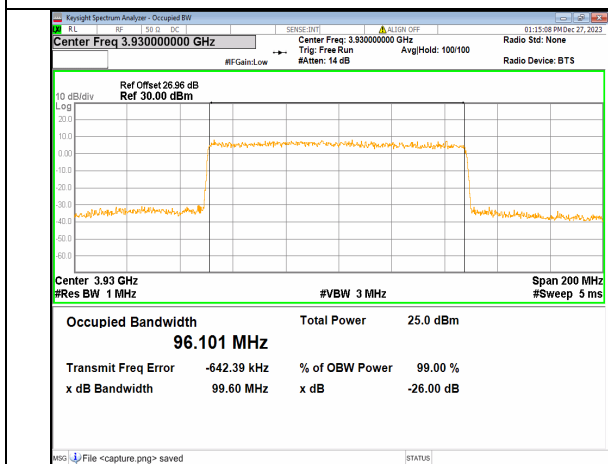
2A_n77(3700-3980MHz) 100M DFT-s-OFDM QPSK Outer_Full High



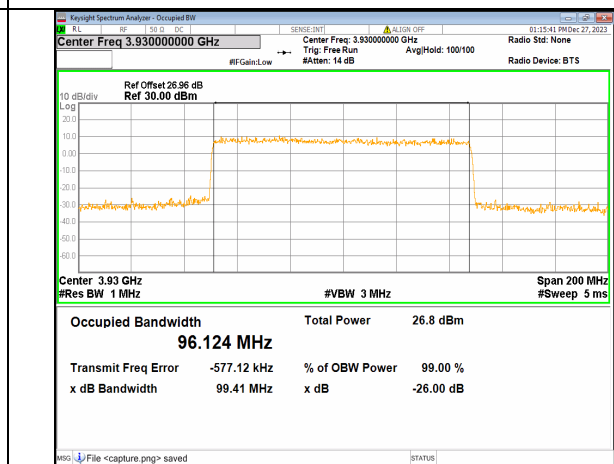
2A_n77(3700-3980MHz) 100M DFT-s-OFDM 16QAM Outer_Full High



2A_n77(3700-3980MHz) 100M DFT-s-OFDM 64QAM Outer_Full High



2A_n77(3700-3980MHz) 100M DFT-s-OFDM 256QAM Outer_Full High



2A_n77(3700-3980MHz) 100M CP-OFDM QPSK Outer_Full High

2.3. Frequency Stability

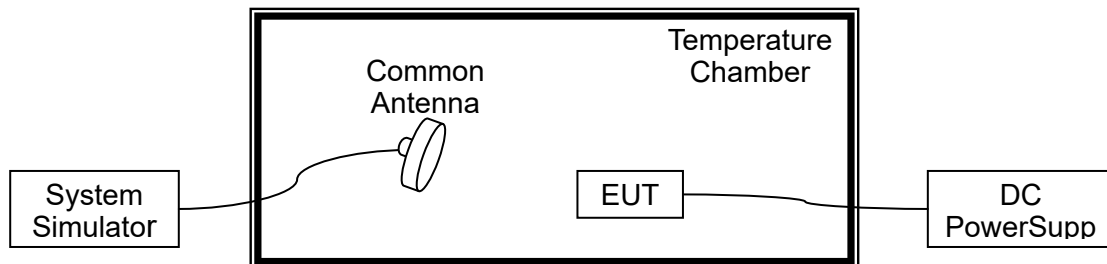
2.3.1. Requirement

According to FCC section 2.1055, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. According to FCC section 2.1055, the test conditions are:

- (a) The temperature is varied from -30°C to $+50^{\circ}\text{C}$ at intervals of not more than 10°C .
- (b) For hand carried battery powered equipment, the primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacture. The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided.

Note: The operating temperature of EUT is from 0°C to 45°C , which are specified by the applicant.

2.3.2. Test Description



The EUT which is powered by the DC Power Supply directly is located in the Temperature Chamber. The EUT is commanded by the System Simulator (SS) to operate at the maximum output power. A call is established between the EUT and the SS via a Common Antenna.

2.3.3. Test procedure

KDB 971168 D01v03 Section 9.0 and ANSI/TIA-603-E-2016.

2.3.4. Test Result

The nominal, highest and lowest extreme voltages are separately 3.89VDC, 4.48VDC and 3.60VDC, which are specified by the applicant; the normal temperature here used is 20°C .



B5_n2, QPSK, Channel 376000, SCS 15kHz, Frequency 1880.0MHz Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
Normal	3.89	+20(Ref)	13	0.007	PASS
Normal		0	13	0.007	
Normal		+10	-13	-0.007	
Normal		+20	-13	-0.007	
Normal		+30	20	0.011	
Normal		+40	-18	-0.010	
Normal		+45	23	0.012	
High	4.48	+20	-10	-0.005	
BATT.ENDPOINT	3.60	+20	15	0.008	

B66_n5, QPSK, Channel 167300, SCS 15kHz, Frequency 836.5 MHz Limit=±2.5ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
Normal	3.89	+20(Ref)	22	0.026	PASS
Normal		0	-5	-0.006	
Normal		+10	19	0.023	
Normal		+20	-15	-0.018	
Normal		+30	23	0.027	
Normal		+40	-10	-0.012	
Normal		+45	13	0.016	
High	4.48	+20	14	0.017	
BATT.ENDPOINT	3.60	+20	-9	-0.011	

B2_n66, QPSK, Channel 349000, SCS 15kHz, Frequency 1745MHz Limit=±2.5ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
Normal	3.89	+20(Ref)	14	0.008	PASS
Normal		0	7	0.004	
Normal		+10	17	0.010	
Normal		+20	17	0.010	
Normal		+30	23	0.013	
Normal		+40	-21	-0.012	
Normal		+45	-20	-0.011	
High	4.48	+20	-3	-0.002	
BATT.ENDPOINT	3.60	+20	18	0.010	



B2_n77(3450-3550MHz), QPSK, Channel 633334, SCS 30kHz, Frequency 3550.01MHz Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
Normal	3.89	+20(Ref)	14	0.004	PASS
Normal		0	16	0.005	
Normal		+10	16	0.005	
Normal		+20	2	0.001	
Normal		+30	17	0.005	
Normal		+40	20	0.006	
Normal		+45	14	0.004	
High		4.48	+20	13	
BATT.ENDPOINT	3.60	+20	10	0.003	

B2_N77(3700-3980MHz), QPSK, Channel 656000, SCS 30kHz, Frequency 3840MHz Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
Normal	3.89	+20(Ref)	-11	-0.003	PASS
Normal		0	16	0.004	
Normal		+10	-3	-0.001	
Normal		+20	18	0.005	
Normal		+30	17	0.004	
Normal		+40	16	0.004	
Normal		+45	15	0.004	
High		4.48	+20	17	
BATT.ENDPOINT	3.60	+20	14	0.004	

2.4. Peak to Average Ratio

2.4.1. Requirement

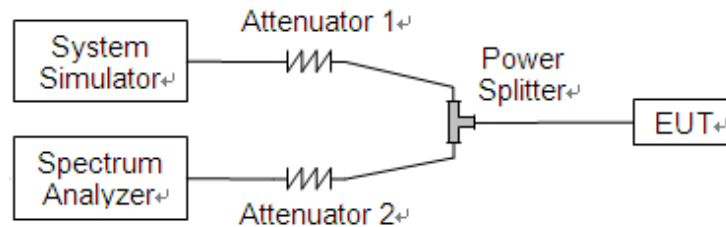
According to FCC section 24.232(d) for n2, in measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

According to FCC section 27.50(d)(5) for n66, in measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

According to FCC section 27.50(j)(4) and 25.50(k)(4) for n77, in measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

2.4.2. Test Description

Test Set:



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.4.3. Test procedure

KDB 971168 D01v03 Section 5.7 and ANSI/TIA-603-E-2016.



2.4.4. Test Result

Record the maximum PAPR level associated with a probability of 0.1%.

Band	SCS (KHz)	BW (MHz)	ARFCN	Modulation	RB	Result (dB)	Limit (dB)	Verdict
5A_n2	15	5	370500	DFT-s-OFDM PI/2 BPSK	25/0	4.48	13	PASS
5A_n2	15	5	370500	DFT-s-OFDM 256QAM	25/0	6.83	13	PASS
5A_n2	15	5	370500	CP-OFDM QPSK	25/0	6.73	13	PASS
5A_n2	15	5	370500	CP-OFDM 256QAM	25/0	8.95	13	PASS
5A_n2	15	5	376000	DFT-s-OFDM PI/2 BPSK	25/0	4.39	13	PASS
5A_n2	15	5	376000	DFT-s-OFDM 256QAM	25/0	6.52	13	PASS
5A_n2	15	5	376000	CP-OFDM QPSK	25/0	6.73	13	PASS
5A_n2	15	5	376000	CP-OFDM 256QAM	25/0	8.98	13	PASS
5A_n2	15	5	381500	DFT-s-OFDM PI/2 BPSK	25/0	4.51	13	PASS
5A_n2	15	5	381500	DFT-s-OFDM 256QAM	25/0	6.64	13	PASS
5A_n2	15	5	381500	CP-OFDM QPSK	25/0	6.84	13	PASS
5A_n2	15	5	381500	CP-OFDM 256QAM	25/0	9.01	13	PASS
5A_n2	15	10	371000	DFT-s-OFDM PI/2 BPSK	50/0	4.43	13	PASS
5A_n2	15	10	371000	DFT-s-OFDM 256QAM	50/0	6.63	13	PASS
5A_n2	15	10	371000	CP-OFDM QPSK	52/0	7.04	13	PASS
5A_n2	15	10	371000	CP-OFDM 256QAM	52/0	8.9	13	PASS
5A_n2	15	10	376000	DFT-s-OFDM PI/2 BPSK	50/0	4.48	13	PASS
5A_n2	15	10	376000	DFT-s-OFDM 256QAM	50/0	6.57	13	PASS
5A_n2	15	10	376000	CP-OFDM QPSK	52/0	6.94	13	PASS
5A_n2	15	10	376000	CP-OFDM 256QAM	52/0	8.97	13	PASS
5A_n2	15	10	381000	DFT-s-OFDM PI/2 BPSK	50/0	4.54	13	PASS
5A_n2	15	10	381000	DFT-s-OFDM 256QAM	50/0	6.68	13	PASS



5A_n2	15	10	381000	CP-OFDM QPSK	52/0	7.05	13	PASS
5A_n2	15	10	381000	CP-OFDM 256QAM	52/0	8.92	13	PASS
5A_n2	15	15	371500	DFT-s-OFDM PI/2 BPSK	75/0	4.41	13	PASS
5A_n2	15	15	371500	DFT-s-OFDM 256QAM	75/0	6.97	13	PASS
5A_n2	15	15	371500	CP-OFDM QPSK	79/0	6.83	13	PASS
5A_n2	15	15	371500	CP-OFDM 256QAM	79/0	8.76	13	PASS
5A_n2	15	15	376000	DFT-s-OFDM PI/2 BPSK	75/0	4.47	13	PASS
5A_n2	15	15	376000	DFT-s-OFDM 256QAM	75/0	6.94	13	PASS
5A_n2	15	15	376000	CP-OFDM QPSK	79/0	6.68	13	PASS
5A_n2	15	15	376000	CP-OFDM 256QAM	79/0	8.78	13	PASS
5A_n2	15	15	380500	DFT-s-OFDM PI/2 BPSK	75/0	4.38	13	PASS
5A_n2	15	15	380500	DFT-s-OFDM 256QAM	75/0	6.74	13	PASS
5A_n2	15	15	380500	CP-OFDM QPSK	79/0	6.95	13	PASS
5A_n2	15	15	380500	CP-OFDM 256QAM	79/0	8.6	13	PASS
5A_n2	15	20	372000	DFT-s-OFDM PI/2 BPSK	100/0	4.32	13	PASS
5A_n2	15	20	372000	DFT-s-OFDM 256QAM	100/0	6.7	13	PASS
5A_n2	15	20	372000	CP-OFDM QPSK	106/0	6.73	13	PASS
5A_n2	15	20	372000	CP-OFDM 256QAM	106/0	8.83	13	PASS
5A_n2	15	20	376000	DFT-s-OFDM PI/2 BPSK	100/0	4.4	13	PASS
5A_n2	15	20	376000	DFT-s-OFDM 256QAM	100/0	6.76	13	PASS
5A_n2	15	20	376000	CP-OFDM QPSK	106/0	7.53	13	PASS
5A_n2	15	20	376000	CP-OFDM 256QAM	106/0	8.78	13	PASS
5A_n2	15	20	380000	DFT-s-OFDM PI/2 BPSK	100/0	4.51	13	PASS
5A_n2	15	20	380000	DFT-s-OFDM 256QAM	100/0	6.74	13	PASS
5A_n2	15	20	380000	CP-OFDM	106/0	7.3	13	PASS