

Occupied Bandwidth

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
n5	15	5	165300	25@0	DFT_BPSK	4.487	4.890
n5	15	5	165300	25@0	DFT_QPSK	4.470	4.923
n5	15	5	167300	25@0	DFT_BPSK	4.484	4.931
n5	15	5	167300	25@0	DFT_QPSK	4.494	4.915
n5	15	5	169300	25@0	DFT_BPSK	4.483	4.900
n5	15	5	169300	25@0	DFT_QPSK	4.468	4.894
n5	15	10	165800	50@0	DFT_BPSK	8.991	9.532
n5	15	10	165800	50@0	DFT_QPSK	8.981	9.532
n5	15	10	167300	50@0	DFT_BPSK	8.976	9.553
n5	15	10	167300	50@0	DFT_QPSK	8.972	9.557
n5	15	10	168800	50@0	DFT_BPSK	8.984	9.568
n5	15	10	168800	50@0	DFT_QPSK	8.969	9.498
n5	15	15	166300	75@0	DFT_BPSK	13.450	14.228
n5	15	15	166300	75@0	DFT_QPSK	13.478	14.264
n5	15	15	167300	75@0	DFT_BPSK	13.438	14.186
n5	15	15	167300	75@0	DFT_QPSK	13.445	14.167
n5	15	15	168300	75@0	DFT_BPSK	13.447	14.203
n5	15	15	168300	75@0	DFT_QPSK	13.457	14.233
n5	15	20	166800	100@0	DFT_BPSK	17.954	18.950
n5	15	20	166800	100@0	DFT_QPSK	17.939	19.052
n5	15	20	167300	100@0	DFT_BPSK	17.911	18.964
n5	15	20	167300	100@0	DFT_QPSK	17.922	18.964
n5	15	20	167800	100@0	DFT_BPSK	17.936	19.002
n5	15	20	167800	100@0	DFT_QPSK	17.932	18.983
n5	15	5	165300	25@0	DFT_16QAM	4.493	4.893
n5	15	5	165300	25@0	DFT_64QAM	4.471	4.912
n5	15	5	165300	25@0	DFT_256QAM	4.503	4.871
n5	15	5	165300	25@0	CP_QPSK	4.478	4.922
n5	15	5	165300	25@0	CP_16QAM	4.495	4.876
n5	15	5	165300	25@0	CP_64QAM	4.504	4.906
n5	15	5	165300	25@0	CP_256QAM	4.496	4.921
n5	15	5	167300	25@0	DFT_16QAM	4.500	4.883
n5	15	5	167300	25@0	DFT_64QAM	4.478	4.891
n5	15	5	167300	25@0	DFT_256QAM	4.512	4.952
n5	15	5	167300	25@0	CP_QPSK	4.492	4.899
n5	15	5	167300	25@0	CP_16QAM	4.484	4.885
n5	15	5	167300	25@0	CP_64QAM	4.500	4.941
n5	15	5	167300	25@0	CP_256QAM	4.528	5.033
n5	15	5	169300	25@0	DFT_16QAM	4.484	4.871

n5	15	5	169300	25@0	DFT_64QAM	4.488	4.847
n5	15	5	169300	25@0	DFT_256QAM	4.494	4.822
n5	15	5	169300	25@0	CP_QPSK	4.468	4.870
n5	15	5	169300	25@0	CP_16QAM	4.477	4.855
n5	15	5	169300	25@0	CP_64QAM	4.502	4.854
n5	15	5	169300	25@0	CP_256QAM	4.500	4.979
n5	15	10	165800	50@0	DFT_16QAM	8.957	9.481
n5	15	10	165800	50@0	DFT_64QAM	8.962	9.646
n5	15	10	165800	50@0	DFT_256QAM	9.023	9.631
n5	15	10	165800	52@0	CP_QPSK	9.332	9.985
n5	15	10	165800	52@0	CP_16QAM	9.322	9.993
n5	15	10	165800	52@0	CP_64QAM	9.305	9.659
n5	15	10	165800	52@0	CP_256QAM	9.277	9.949
n5	15	10	167300	50@0	DFT_16QAM	8.952	9.377
n5	15	10	167300	50@0	DFT_64QAM	8.960	9.585
n5	15	10	167300	50@0	DFT_256QAM	8.961	9.376
n5	15	10	167300	52@0	CP_QPSK	9.302	9.924
n5	15	10	167300	52@0	CP_16QAM	9.313	9.892
n5	15	10	167300	52@0	CP_64QAM	9.274	9.762
n5	15	10	167300	52@0	CP_256QAM	9.276	9.951
n5	15	10	168800	50@0	DFT_16QAM	8.951	9.440
n5	15	10	168800	50@0	DFT_64QAM	8.975	9.534
n5	15	10	168800	50@0	DFT_256QAM	8.967	9.405
n5	15	10	168800	52@0	CP_QPSK	9.306	9.916
n5	15	10	168800	52@0	CP_16QAM	9.306	9.875
n5	15	10	168800	52@0	CP_64QAM	9.293	9.916
n5	15	10	168800	52@0	CP_256QAM	9.272	9.828
n5	15	15	166300	75@0	DFT_16QAM	13.457	14.069
n5	15	15	166300	75@0	DFT_64QAM	13.459	14.189
n5	15	15	166300	75@0	DFT_256QAM	13.431	14.129
n5	15	15	166300	79@0	CP_QPSK	14.140	14.899
n5	15	15	166300	79@0	CP_16QAM	14.134	14.941
n5	15	15	166300	79@0	CP_64QAM	14.141	14.794
n5	15	15	166300	79@0	CP_256QAM	14.141	14.616
n5	15	15	167300	75@0	DFT_16QAM	13.448	14.011
n5	15	15	167300	75@0	DFT_64QAM	13.448	14.296
n5	15	15	167300	75@0	DFT_256QAM	13.456	14.180
n5	15	15	167300	79@0	CP_QPSK	14.157	14.783
n5	15	15	167300	79@0	CP_16QAM	14.144	14.790
n5	15	15	167300	79@0	CP_64QAM	14.110	14.856
n5	15	15	167300	79@0	CP_256QAM	14.080	14.911
n5	15	15	168300	75@0	DFT_16QAM	13.447	14.096
n5	15	15	168300	75@0	DFT_64QAM	13.459	14.149
n5	15	15	168300	75@0	DFT_256QAM	13.460	14.173

n5	15	15	168300	79@0	CP_QPSK	14.171	14.875
n5	15	15	168300	79@0	CP_16QAM	14.118	14.637
n5	15	15	168300	79@0	CP_64QAM	14.108	14.745
n5	15	15	168300	79@0	CP_256QAM	14.057	14.877
n5	15	20	166800	100@0	DFT_16QAM	17.951	18.878
n5	15	20	166800	100@0	DFT_64QAM	17.931	18.939
n5	15	20	166800	100@0	DFT_256QAM	17.943	18.671
n5	15	20	166800	106@0	CP_QPSK	18.979	19.989
n5	15	20	166800	106@0	CP_16QAM	18.964	19.974
n5	15	20	166800	106@0	CP_64QAM	18.946	19.820
n5	15	20	166800	106@0	CP_256QAM	18.982	19.888
n5	15	20	167300	100@0	DFT_16QAM	17.927	18.803
n5	15	20	167300	100@0	DFT_64QAM	17.892	18.784
n5	15	20	167300	100@0	DFT_256QAM	17.943	18.766
n5	15	20	167300	106@0	CP_QPSK	18.927	19.751
n5	15	20	167300	106@0	CP_16QAM	18.936	19.881
n5	15	20	167300	106@0	CP_64QAM	18.996	19.920
n5	15	20	167300	106@0	CP_256QAM	18.952	19.831
n5	15	20	167800	100@0	DFT_16QAM	17.919	18.927
n5	15	20	167800	100@0	DFT_64QAM	17.926	18.738
n5	15	20	167800	100@0	DFT_256QAM	17.895	18.893
n5	15	20	167800	106@0	CP_QPSK	18.999	20.016
n5	15	20	167800	106@0	CP_16QAM	18.984	19.923
n5	15	20	167800	106@0	CP_64QAM	18.976	19.746
n5	15	20	167800	106@0	CP_256QAM	18.999	19.771
n7	15	5	500500	25@0	DFT_BPSK	4.488	4.940
n7	15	5	500500	25@0	DFT_QPSK	4.481	4.873
n7	15	5	507000	25@0	DFT_BPSK	4.492	4.931
n7	15	5	507000	25@0	DFT_QPSK	4.483	4.890
n7	15	5	513500	25@0	DFT_BPSK	4.492	4.932
n7	15	5	513500	25@0	DFT_QPSK	4.472	4.892
n7	15	10	501000	50@0	DFT_BPSK	8.975	9.609
n7	15	10	501000	50@0	DFT_QPSK	8.984	9.557
n7	15	10	507000	50@0	DFT_BPSK	8.985	9.543
n7	15	10	507000	50@0	DFT_QPSK	8.975	9.519
n7	15	10	513000	50@0	DFT_BPSK	8.976	9.552
n7	15	10	513000	50@0	DFT_QPSK	8.982	9.554
n7	15	15	501500	75@0	DFT_BPSK	13.450	14.199
n7	15	15	501500	75@0	DFT_QPSK	13.467	14.209
n7	15	15	507000	75@0	DFT_BPSK	13.451	14.205
n7	15	15	507000	75@0	DFT_QPSK	13.458	14.182
n7	15	15	512500	75@0	DFT_BPSK	13.440	14.157
n7	15	15	512500	75@0	DFT_QPSK	13.458	14.243
n7	15	20	502000	100@0	DFT_BPSK	17.964	18.977

n7	15	20	502000	100@0	DFT_QPSK	17.945	18.993
n7	15	20	507000	100@0	DFT_BPSK	17.952	18.967
n7	15	20	507000	100@0	DFT_QPSK	17.951	18.976
n7	15	20	512000	100@0	DFT_BPSK	17.931	19.013
n7	15	20	512000	100@0	DFT_QPSK	17.932	19.018
n7	15	25	502500	128@0	DFT_BPSK	22.895	24.116
n7	15	25	502500	128@0	DFT_QPSK	22.913	24.191
n7	15	25	507000	128@0	DFT_BPSK	22.884	24.131
n7	15	25	507000	128@0	DFT_QPSK	22.935	24.163
n7	15	25	511500	128@0	DFT_BPSK	22.853	24.120
n7	15	25	511500	128@0	DFT_QPSK	22.917	24.158
n7	15	30	503000	160@0	DFT_BPSK	28.614	30.151
n7	15	30	503000	160@0	DFT_QPSK	28.681	30.271
n7	15	30	507000	160@0	DFT_BPSK	28.697	30.109
n7	15	30	507000	160@0	DFT_QPSK	28.715	30.166
n7	15	30	511000	160@0	DFT_BPSK	28.586	30.136
n7	15	30	511000	160@0	DFT_QPSK	28.661	30.204
n7	15	40	504000	216@0	DFT_BPSK	38.678	40.631
n7	15	40	504000	216@0	DFT_QPSK	38.597	40.714
n7	15	40	507000	216@0	DFT_BPSK	38.673	40.669
n7	15	40	507000	216@0	DFT_QPSK	38.638	40.709
n7	15	40	510000	216@0	DFT_BPSK	38.682	40.658
n7	15	40	510000	216@0	DFT_QPSK	38.616	40.691
n7	15	50	505000	270@0	DFT_BPSK	48.279	50.730
n7	15	50	505000	270@0	DFT_QPSK	48.295	50.846
n7	15	50	507000	270@0	DFT_BPSK	48.231	50.689
n7	15	50	507000	270@0	DFT_QPSK	48.349	50.822
n7	15	50	509000	270@0	DFT_BPSK	48.199	50.731
n7	15	50	509000	270@0	DFT_QPSK	48.221	50.798
n7	15	5	500500	25@0	DFT_16QAM	4.483	4.881
n7	15	5	500500	25@0	DFT_64QAM	4.471	4.927
n7	15	5	500500	25@0	DFT_256QAM	4.487	4.931
n7	15	5	500500	25@0	CP_QPSK	4.474	5.031
n7	15	5	500500	25@0	CP_16QAM	4.481	4.987
n7	15	5	500500	25@0	CP_64QAM	4.503	4.986
n7	15	5	500500	25@0	CP_256QAM	4.533	5.008
n7	15	5	507000	25@0	DFT_16QAM	4.465	5.008
n7	15	5	507000	25@0	DFT_64QAM	4.478	4.914
n7	15	5	507000	25@0	DFT_256QAM	4.484	5.027
n7	15	5	507000	25@0	CP_QPSK	4.478	4.970
n7	15	5	507000	25@0	CP_16QAM	4.501	4.998
n7	15	5	507000	25@0	CP_64QAM	4.518	5.051
n7	15	5	507000	25@0	CP_256QAM	4.521	4.917
n7	15	5	513500	25@0	DFT_16QAM	4.505	4.912

n7	15	5	513500	25@0	DFT_64QAM	4.479	4.999
n7	15	5	513500	25@0	DFT_256QAM	4.496	5.103
n7	15	5	513500	25@0	CP_QPSK	4.479	4.925
n7	15	5	513500	25@0	CP_16QAM	4.510	5.043
n7	15	5	513500	25@0	CP_64QAM	4.487	4.970
n7	15	5	513500	25@0	CP_256QAM	4.514	5.135
n7	15	10	501000	50@0	DFT_16QAM	8.959	9.506
n7	15	10	501000	50@0	DFT_64QAM	8.952	9.449
n7	15	10	501000	50@0	DFT_256QAM	8.953	9.494
n7	15	10	501000	52@0	CP_QPSK	9.285	9.927
n7	15	10	501000	52@0	CP_16QAM	9.303	9.947
n7	15	10	501000	52@0	CP_64QAM	9.303	9.866
n7	15	10	501000	52@0	CP_256QAM	9.269	9.986
n7	15	10	507000	50@0	DFT_16QAM	8.949	9.372
n7	15	10	507000	50@0	DFT_64QAM	8.970	9.638
n7	15	10	507000	50@0	DFT_256QAM	8.976	9.603
n7	15	10	507000	52@0	CP_QPSK	9.312	9.933
n7	15	10	507000	52@0	CP_16QAM	9.316	9.845
n7	15	10	507000	52@0	CP_64QAM	9.292	9.932
n7	15	10	507000	52@0	CP_256QAM	9.287	9.826
n7	15	10	513000	50@0	DFT_16QAM	8.959	9.492
n7	15	10	513000	50@0	DFT_64QAM	8.953	9.571
n7	15	10	513000	50@0	DFT_256QAM	8.991	9.506
n7	15	10	513000	52@0	CP_QPSK	9.303	10.071
n7	15	10	513000	52@0	CP_16QAM	9.329	10.030
n7	15	10	513000	52@0	CP_64QAM	9.282	9.879
n7	15	10	513000	52@0	CP_256QAM	9.287	9.737
n7	15	15	501500	75@0	DFT_16QAM	13.471	14.263
n7	15	15	501500	75@0	DFT_64QAM	13.439	14.173
n7	15	15	501500	75@0	DFT_256QAM	13.442	14.135
n7	15	15	501500	79@0	CP_QPSK	14.139	14.977
n7	15	15	501500	79@0	CP_16QAM	14.101	14.750
n7	15	15	501500	79@0	CP_64QAM	14.126	14.852
n7	15	15	501500	79@0	CP_256QAM	14.135	14.997
n7	15	15	507000	75@0	DFT_16QAM	13.442	14.008
n7	15	15	507000	75@0	DFT_64QAM	13.450	14.274
n7	15	15	507000	75@0	DFT_256QAM	13.434	14.192
n7	15	15	507000	79@0	CP_QPSK	14.138	14.901
n7	15	15	507000	79@0	CP_16QAM	14.116	14.843
n7	15	15	507000	79@0	CP_64QAM	14.106	14.959
n7	15	15	507000	79@0	CP_256QAM	14.130	14.918
n7	15	15	512500	75@0	DFT_16QAM	13.464	14.219
n7	15	15	512500	75@0	DFT_64QAM	13.480	14.167
n7	15	15	512500	75@0	DFT_256QAM	13.443	14.278

n7	15	15	512500	79@0	CP_QPSK	14.132	14.818
n7	15	15	512500	79@0	CP_16QAM	14.149	14.880
n7	15	15	512500	79@0	CP_64QAM	14.144	14.874
n7	15	15	512500	79@0	CP_256QAM	14.188	14.739
n7	15	20	502000	100@0	DFT_16QAM	17.926	18.808
n7	15	20	502000	100@0	DFT_64QAM	17.916	18.937
n7	15	20	502000	100@0	DFT_256QAM	17.935	18.812
n7	15	20	502000	106@0	CP_QPSK	18.926	20.101
n7	15	20	502000	106@0	CP_16QAM	18.948	19.995
n7	15	20	502000	106@0	CP_64QAM	18.975	19.872
n7	15	20	502000	106@0	CP_256QAM	19.002	19.861
n7	15	20	507000	100@0	DFT_16QAM	17.926	18.826
n7	15	20	507000	100@0	DFT_64QAM	17.912	18.939
n7	15	20	507000	100@0	DFT_256QAM	17.894	18.919
n7	15	20	507000	106@0	CP_QPSK	18.940	19.937
n7	15	20	507000	106@0	CP_16QAM	18.946	20.083
n7	15	20	507000	106@0	CP_64QAM	18.977	19.941
n7	15	20	507000	106@0	CP_256QAM	18.975	19.938
n7	15	20	512000	100@0	DFT_16QAM	17.921	18.803
n7	15	20	512000	100@0	DFT_64QAM	17.933	19.382
n7	15	20	512000	100@0	DFT_256QAM	17.940	19.019
n7	15	20	512000	106@0	CP_QPSK	19.013	19.914
n7	15	20	512000	106@0	CP_16QAM	18.985	19.991
n7	15	20	512000	106@0	CP_64QAM	18.980	19.877
n7	15	20	512000	106@0	CP_256QAM	19.020	19.988
n7	15	25	502500	128@0	DFT_16QAM	22.907	23.956
n7	15	25	502500	128@0	DFT_64QAM	23.034	24.046
n7	15	25	502500	128@0	DFT_256QAM	23.018	24.074
n7	15	25	502500	133@0	CP_QPSK	23.882	24.950
n7	15	25	502500	133@0	CP_16QAM	23.798	25.499
n7	15	25	502500	133@0	CP_64QAM	23.873	25.043
n7	15	25	502500	133@0	CP_256QAM	23.814	24.923
n7	15	25	507000	128@0	DFT_16QAM	22.967	24.041
n7	15	25	507000	128@0	DFT_64QAM	22.939	24.800
n7	15	25	507000	128@0	DFT_256QAM	22.969	23.939
n7	15	25	507000	133@0	CP_QPSK	23.846	24.876
n7	15	25	507000	133@0	CP_16QAM	23.783	25.025
n7	15	25	507000	133@0	CP_64QAM	23.782	24.910
n7	15	25	507000	133@0	CP_256QAM	23.786	25.040
n7	15	25	511500	128@0	DFT_16QAM	22.935	24.023
n7	15	25	511500	128@0	DFT_64QAM	22.992	24.080
n7	15	25	511500	128@0	DFT_256QAM	22.997	24.032
n7	15	25	511500	133@0	CP_QPSK	23.936	25.110
n7	15	25	511500	133@0	CP_16QAM	23.837	25.184

n7	15	25	511500	133@0	CP_64QAM	23.848	24.919
n7	15	25	511500	133@0	CP_256QAM	23.850	24.961
n7	15	30	503000	160@0	DFT_16QAM	28.596	30.005
n7	15	30	503000	160@0	DFT_64QAM	28.682	30.064
n7	15	30	503000	160@0	DFT_256QAM	28.691	30.071
n7	15	30	503000	160@0	CP_QPSK	28.726	30.096
n7	15	30	503000	160@0	CP_16QAM	28.704	30.101
n7	15	30	503000	160@0	CP_64QAM	28.746	30.008
n7	15	30	503000	160@0	CP_256QAM	28.683	29.933
n7	15	30	507000	160@0	DFT_16QAM	28.498	29.969
n7	15	30	507000	160@0	DFT_64QAM	28.566	29.963
n7	15	30	507000	160@0	DFT_256QAM	28.541	29.956
n7	15	30	507000	160@0	CP_QPSK	28.599	30.062
n7	15	30	507000	160@0	CP_16QAM	28.569	29.976
n7	15	30	507000	160@0	CP_64QAM	28.707	29.962
n7	15	30	507000	160@0	CP_256QAM	28.480	29.971
n7	15	30	511000	160@0	DFT_16QAM	28.774	29.950
n7	15	30	511000	160@0	DFT_64QAM	28.753	30.214
n7	15	30	511000	160@0	DFT_256QAM	28.650	30.083
n7	15	30	511000	160@0	CP_QPSK	28.771	30.077
n7	15	30	511000	160@0	CP_16QAM	28.597	29.979
n7	15	30	511000	160@0	CP_64QAM	28.700	30.078
n7	15	30	511000	160@0	CP_256QAM	28.674	29.931
n7	15	40	504000	216@0	DFT_16QAM	38.656	40.446
n7	15	40	504000	216@0	DFT_64QAM	38.594	40.446
n7	15	40	504000	216@0	DFT_256QAM	38.790	40.527
n7	15	40	504000	216@0	CP_QPSK	38.623	40.482
n7	15	40	504000	216@0	CP_16QAM	38.617	40.323
n7	15	40	504000	216@0	CP_64QAM	38.632	40.475
n7	15	40	504000	216@0	CP_256QAM	38.763	40.513
n7	15	40	507000	216@0	DFT_16QAM	38.567	40.401
n7	15	40	507000	216@0	DFT_64QAM	38.530	40.490
n7	15	40	507000	216@0	DFT_256QAM	38.738	40.467
n7	15	40	507000	216@0	CP_QPSK	38.641	40.515
n7	15	40	507000	216@0	CP_16QAM	38.611	40.457
n7	15	40	507000	216@0	CP_64QAM	38.571	40.381
n7	15	40	507000	216@0	CP_256QAM	38.728	40.499
n7	15	40	510000	216@0	DFT_16QAM	38.628	40.668
n7	15	40	510000	216@0	DFT_64QAM	38.610	40.455
n7	15	40	510000	216@0	DFT_256QAM	38.763	40.526
n7	15	40	510000	216@0	CP_QPSK	38.724	40.571
n7	15	40	510000	216@0	CP_16QAM	38.672	40.447
n7	15	40	510000	216@0	CP_64QAM	38.634	40.628
n7	15	40	510000	216@0	CP_256QAM	38.803	40.477

n7	15	50	505000	270@0	DFT_16QAM	48.219	50.496
n7	15	50	505000	270@0	DFT_64QAM	48.249	50.477
n7	15	50	505000	270@0	DFT_256QAM	48.283	50.520
n7	15	50	505000	270@0	CP_QPSK	48.345	50.625
n7	15	50	505000	270@0	CP_16QAM	48.261	50.550
n7	15	50	505000	270@0	CP_64QAM	48.270	50.630
n7	15	50	505000	270@0	CP_256QAM	48.191	50.465
n7	15	50	507000	270@0	DFT_16QAM	48.103	50.559
n7	15	50	507000	270@0	DFT_64QAM	48.190	50.477
n7	15	50	507000	270@0	DFT_256QAM	48.263	50.610
n7	15	50	507000	270@0	CP_QPSK	48.341	50.605
n7	15	50	507000	270@0	CP_16QAM	48.194	50.546
n7	15	50	507000	270@0	CP_64QAM	48.156	50.548
n7	15	50	507000	270@0	CP_256QAM	48.259	50.588
n7	15	50	509000	270@0	DFT_16QAM	48.186	50.509
n7	15	50	509000	270@0	DFT_64QAM	48.167	50.551
n7	15	50	509000	270@0	DFT_256QAM	48.254	50.573
n7	15	50	509000	270@0	CP_QPSK	48.348	50.560
n7	15	50	509000	270@0	CP_16QAM	48.299	50.511
n7	15	50	509000	270@0	CP_64QAM	48.335	50.623
n7	15	50	509000	270@0	CP_256QAM	48.224	50.469
n41	30	10	500202	24@0	DFT_BPSK	8.586	9.336
n41	30	10	500202	24@0	DFT_QPSK	8.569	9.416
n41	30	10	518598	24@0	DFT_BPSK	8.581	9.386
n41	30	10	518598	24@0	DFT_QPSK	8.585	9.294
n41	30	10	537000	24@0	DFT_BPSK	8.561	9.241
n41	30	10	537000	24@0	DFT_QPSK	8.597	9.437
n41	30	15	500700	36@0	DFT_BPSK	12.919	13.688
n41	30	15	500700	36@0	DFT_QPSK	12.893	13.755
n41	30	15	518598	36@0	DFT_BPSK	12.885	13.696
n41	30	15	518598	36@0	DFT_QPSK	12.897	13.772
n41	30	15	536496	36@0	DFT_BPSK	12.946	13.861
n41	30	15	536496	36@0	DFT_QPSK	12.924	13.828
n41	30	20	501204	50@0	DFT_BPSK	17.957	19.227
n41	30	20	501204	50@0	DFT_QPSK	17.925	18.986
n41	30	20	518598	50@0	DFT_BPSK	17.975	19.021
n41	30	20	518598	50@0	DFT_QPSK	17.930	19.057
n41	30	20	535998	50@0	DFT_BPSK	17.977	19.047
n41	30	20	535998	50@0	DFT_QPSK	18.019	19.184
n41	30	30	502200	75@0	DFT_BPSK	26.926	28.316
n41	30	30	502200	75@0	DFT_QPSK	26.932	28.412
n41	30	30	518598	75@0	DFT_BPSK	26.930	28.268
n41	30	30	518598	75@0	DFT_QPSK	26.930	28.431
n41	30	30	534996	75@0	DFT_BPSK	26.910	28.218

n41	30	30	534996	75@0	DFT_QPSK	26.908	28.601
n41	30	40	503202	100@0	DFT_BPSK	35.801	37.713
n41	30	40	503202	100@0	DFT_QPSK	35.830	37.819
n41	30	40	518598	100@0	DFT_BPSK	35.863	37.781
n41	30	40	518598	100@0	DFT_QPSK	35.897	37.776
n41	30	40	534000	100@0	DFT_BPSK	35.813	37.783
n41	30	40	534000	100@0	DFT_QPSK	35.815	37.969
n41	30	50	504204	128@0	DFT_BPSK	45.894	48.237
n41	30	50	504204	128@0	DFT_QPSK	45.757	48.228
n41	30	50	518598	128@0	DFT_BPSK	45.817	48.105
n41	30	50	518598	128@0	DFT_QPSK	45.804	48.415
n41	30	50	532998	128@0	DFT_BPSK	45.912	48.155
n41	30	50	532998	128@0	DFT_QPSK	45.794	48.183
n41	30	60	505200	162@0	DFT_BPSK	57.973	60.840
n41	30	60	505200	162@0	DFT_QPSK	57.860	60.707
n41	30	60	518598	162@0	DFT_BPSK	57.868	60.855
n41	30	60	518598	162@0	DFT_QPSK	57.968	60.990
n41	30	60	531996	162@0	DFT_BPSK	57.803	60.757
n41	30	60	531996	162@0	DFT_QPSK	57.959	60.947
n41	30	70	506202	180@0	DFT_BPSK	64.526	68.064
n41	30	70	506202	180@0	DFT_QPSK	64.273	68.096
n41	30	70	518598	180@0	DFT_BPSK	64.439	68.026
n41	30	70	518598	180@0	DFT_QPSK	64.648	68.020
n41	30	70	531000	180@0	DFT_BPSK	64.443	67.737
n41	30	70	531000	180@0	DFT_QPSK	64.484	68.045
n41	30	80	507204	216@0	DFT_BPSK	77.153	81.143
n41	30	80	507204	216@0	DFT_QPSK	77.074	81.152
n41	30	80	518598	216@0	DFT_BPSK	77.105	81.050
n41	30	80	518598	216@0	DFT_QPSK	77.100	81.103
n41	30	80	529998	216@0	DFT_BPSK	77.205	81.080
n41	30	80	529998	216@0	DFT_QPSK	77.235	81.133
n41	30	90	508200	240@0	DFT_BPSK	85.672	90.237
n41	30	90	508200	240@0	DFT_QPSK	85.764	90.056
n41	30	90	518598	240@0	DFT_BPSK	85.826	90.154
n41	30	90	518598	240@0	DFT_QPSK	85.787	90.320
n41	30	90	528996	240@0	DFT_BPSK	85.812	90.168
n41	30	90	528996	240@0	DFT_QPSK	85.779	90.262
n41	30	100	509202	270@0	DFT_BPSK	96.051	101.089
n41	30	100	509202	270@0	DFT_QPSK	96.497	101.298
n41	30	100	518598	270@0	DFT_BPSK	96.304	101.175
n41	30	100	518598	270@0	DFT_QPSK	96.536	101.527
n41	30	100	528000	270@0	DFT_BPSK	96.477	101.389
n41	30	100	528000	270@0	DFT_QPSK	96.495	101.443
n41	30	10	500202	24@0	DFT_16QAM	8.545	9.321

n41	30	10	500202	24@0	DFT_64QAM	8.520	8.943
n41	30	10	500202	24@0	DFT_256QAM	8.573	9.211
n41	30	10	500202	24@0	CP_QPSK	8.645	9.736
n41	30	10	500202	24@0	CP_16QAM	8.610	9.140
n41	30	10	500202	24@0	CP_64QAM	8.598	9.615
n41	30	10	500202	24@0	CP_256QAM	8.562	9.191
n41	30	10	518598	24@0	DFT_16QAM	8.524	9.127
n41	30	10	518598	24@0	DFT_64QAM	8.603	9.104
n41	30	10	518598	24@0	DFT_256QAM	8.531	9.366
n41	30	10	518598	24@0	CP_QPSK	8.641	9.324
n41	30	10	518598	24@0	CP_16QAM	8.584	9.345
n41	30	10	518598	24@0	CP_64QAM	8.590	9.326
n41	30	10	518598	24@0	CP_256QAM	8.575	9.442
n41	30	10	537000	24@0	DFT_16QAM	8.518	9.401
n41	30	10	537000	24@0	DFT_64QAM	8.561	9.424
n41	30	10	537000	24@0	DFT_256QAM	8.560	9.291
n41	30	10	537000	24@0	CP_QPSK	8.599	9.857
n41	30	10	537000	24@0	CP_16QAM	8.590	9.479
n41	30	10	537000	24@0	CP_64QAM	8.601	9.297
n41	30	10	537000	24@0	CP_256QAM	8.598	9.326
n41	30	15	500700	36@0	DFT_16QAM	12.842	13.536
n41	30	15	500700	36@0	DFT_64QAM	12.832	13.267
n41	30	15	500700	36@0	DFT_256QAM	12.904	13.675
n41	30	15	500700	38@0	CP_QPSK	13.521	14.192
n41	30	15	500700	38@0	CP_16QAM	13.684	14.563
n41	30	15	500700	38@0	CP_64QAM	13.605	14.440
n41	30	15	500700	38@0	CP_256QAM	13.592	14.460
n41	30	15	518598	36@0	DFT_16QAM	12.795	13.871
n41	30	15	518598	36@0	DFT_64QAM	12.898	13.702
n41	30	15	518598	36@0	DFT_256QAM	12.895	13.567
n41	30	15	518598	38@0	CP_QPSK	13.562	14.812
n41	30	15	518598	38@0	CP_16QAM	13.631	14.468
n41	30	15	518598	38@0	CP_64QAM	13.573	14.275
n41	30	15	518598	38@0	CP_256QAM	13.604	13.861
n41	30	15	536496	36@0	DFT_16QAM	12.842	13.829
n41	30	15	536496	36@0	DFT_64QAM	12.860	13.904
n41	30	15	536496	36@0	DFT_256QAM	12.821	13.475
n41	30	15	536496	38@0	CP_QPSK	13.583	14.408
n41	30	15	536496	38@0	CP_16QAM	13.657	14.582
n41	30	15	536496	38@0	CP_64QAM	13.610	14.111
n41	30	15	536496	38@0	CP_256QAM	13.599	14.532
n41	30	20	501204	50@0	DFT_16QAM	17.851	18.937
n41	30	20	501204	50@0	DFT_64QAM	17.865	19.195
n41	30	20	501204	50@0	DFT_256QAM	17.877	18.863

n41	30	20	501204	51@0	CP_QPSK	18.189	19.460
n41	30	20	501204	51@0	CP_16QAM	18.222	19.396
n41	30	20	501204	51@0	CP_64QAM	18.237	19.493
n41	30	20	501204	51@0	CP_256QAM	18.275	19.578
n41	30	20	518598	50@0	DFT_16QAM	17.895	19.036
n41	30	20	518598	50@0	DFT_64QAM	17.884	19.163
n41	30	20	518598	50@0	DFT_256QAM	17.968	18.900
n41	30	20	518598	51@0	CP_QPSK	18.212	19.055
n41	30	20	518598	51@0	CP_16QAM	18.169	19.397
n41	30	20	518598	51@0	CP_64QAM	18.222	19.070
n41	30	20	518598	51@0	CP_256QAM	18.248	19.309
n41	30	20	535998	50@0	DFT_16QAM	17.839	18.843
n41	30	20	535998	50@0	DFT_64QAM	17.885	19.332
n41	30	20	535998	50@0	DFT_256QAM	17.806	18.958
n41	30	20	535998	51@0	CP_QPSK	18.216	19.504
n41	30	20	535998	51@0	CP_16QAM	18.271	19.479
n41	30	20	535998	51@0	CP_64QAM	18.200	19.376
n41	30	20	535998	51@0	CP_256QAM	18.277	19.093
n41	30	30	502200	75@0	DFT_16QAM	26.860	28.089
n41	30	30	502200	75@0	DFT_64QAM	26.914	28.876
n41	30	30	502200	75@0	DFT_256QAM	26.916	28.401
n41	30	30	502200	78@0	CP_QPSK	27.935	29.763
n41	30	30	502200	78@0	CP_16QAM	27.885	29.126
n41	30	30	502200	78@0	CP_64QAM	27.848	29.462
n41	30	30	502200	78@0	CP_256QAM	27.810	29.444
n41	30	30	518598	75@0	DFT_16QAM	26.835	28.427
n41	30	30	518598	75@0	DFT_64QAM	26.894	28.404
n41	30	30	518598	75@0	DFT_256QAM	26.790	28.187
n41	30	30	518598	78@0	CP_QPSK	27.895	29.582
n41	30	30	518598	78@0	CP_16QAM	27.807	29.399
n41	30	30	518598	78@0	CP_64QAM	27.944	29.470
n41	30	30	518598	78@0	CP_256QAM	27.873	29.269
n41	30	30	534996	75@0	DFT_16QAM	26.877	28.603
n41	30	30	534996	75@0	DFT_64QAM	26.925	28.331
n41	30	30	534996	75@0	DFT_256QAM	26.857	28.513
n41	30	30	534996	78@0	CP_QPSK	27.804	29.348
n41	30	30	534996	78@0	CP_16QAM	27.941	29.472
n41	30	30	534996	78@0	CP_64QAM	27.867	29.598
n41	30	30	534996	78@0	CP_256QAM	27.769	29.462
n41	30	40	503202	100@0	DFT_16QAM	35.648	37.567
n41	30	40	503202	100@0	DFT_64QAM	35.754	37.699
n41	30	40	503202	100@0	DFT_256QAM	35.906	37.994
n41	30	40	503202	106@0	CP_QPSK	37.824	39.886
n41	30	40	503202	106@0	CP_16QAM	37.920	40.270

n41	30	40	503202	106@0	CP_64QAM	37.904	39.633
n41	30	40	503202	106@0	CP_256QAM	37.845	39.675
n41	30	40	518598	100@0	DFT_16QAM	35.894	37.707
n41	30	40	518598	100@0	DFT_64QAM	35.773	37.586
n41	30	40	518598	100@0	DFT_256QAM	35.788	37.904
n41	30	40	518598	106@0	CP_QPSK	37.983	40.104
n41	30	40	518598	106@0	CP_16QAM	37.781	40.077
n41	30	40	518598	106@0	CP_64QAM	37.947	40.157
n41	30	40	518598	106@0	CP_256QAM	37.782	40.064
n41	30	40	534000	100@0	DFT_16QAM	35.861	38.101
n41	30	40	534000	100@0	DFT_64QAM	35.837	37.900
n41	30	40	534000	100@0	DFT_256QAM	35.894	37.691
n41	30	40	534000	106@0	CP_QPSK	38.033	39.805
n41	30	40	534000	106@0	CP_16QAM	37.787	40.216
n41	30	40	534000	106@0	CP_64QAM	37.967	39.954
n41	30	40	534000	106@0	CP_256QAM	37.951	40.091
n41	30	50	504204	128@0	DFT_16QAM	45.910	48.150
n41	30	50	504204	128@0	DFT_64QAM	45.854	48.023
n41	30	50	504204	128@0	DFT_256QAM	45.855	48.338
n41	30	50	504204	133@0	CP_QPSK	47.570	50.198
n41	30	50	504204	133@0	CP_16QAM	47.521	49.993
n41	30	50	504204	133@0	CP_64QAM	47.636	49.792
n41	30	50	504204	133@0	CP_256QAM	47.563	49.925
n41	30	50	518598	128@0	DFT_16QAM	45.900	48.300
n41	30	50	518598	128@0	DFT_64QAM	45.803	47.971
n41	30	50	518598	128@0	DFT_256QAM	45.689	48.056
n41	30	50	518598	133@0	CP_QPSK	47.541	50.110
n41	30	50	518598	133@0	CP_16QAM	47.577	50.180
n41	30	50	518598	133@0	CP_64QAM	47.583	49.904
n41	30	50	518598	133@0	CP_256QAM	47.710	50.181
n41	30	50	532998	128@0	DFT_16QAM	45.916	48.072
n41	30	50	532998	128@0	DFT_64QAM	45.806	48.408
n41	30	50	532998	128@0	DFT_256QAM	45.922	48.216
n41	30	50	532998	133@0	CP_QPSK	47.609	50.175
n41	30	50	532998	133@0	CP_16QAM	47.618	50.056
n41	30	50	532998	133@0	CP_64QAM	47.604	49.949
n41	30	50	532998	133@0	CP_256QAM	47.647	50.310
n41	30	60	505200	162@0	DFT_16QAM	58.013	60.717
n41	30	60	505200	162@0	DFT_64QAM	57.831	60.560
n41	30	60	505200	162@0	DFT_256QAM	58.056	60.757
n41	30	60	505200	162@0	CP_QPSK	57.852	60.493
n41	30	60	505200	162@0	CP_16QAM	57.810	60.634
n41	30	60	505200	162@0	CP_64QAM	57.802	60.649
n41	30	60	505200	162@0	CP_256QAM	57.950	60.937

n41	30	60	518598	162@0	DFT_16QAM	57.985	60.742
n41	30	60	518598	162@0	DFT_64QAM	57.671	60.511
n41	30	60	518598	162@0	DFT_256QAM	58.120	60.786
n41	30	60	518598	162@0	CP_QPSK	57.946	60.643
n41	30	60	518598	162@0	CP_16QAM	57.935	60.566
n41	30	60	518598	162@0	CP_64QAM	57.805	60.738
n41	30	60	518598	162@0	CP_256QAM	57.948	60.663
n41	30	60	531996	162@0	DFT_16QAM	58.045	60.711
n41	30	60	531996	162@0	DFT_64QAM	58.012	60.740
n41	30	60	531996	162@0	DFT_256QAM	58.062	60.711
n41	30	60	531996	162@0	CP_QPSK	57.977	60.437
n41	30	60	531996	162@0	CP_16QAM	58.054	60.594
n41	30	60	531996	162@0	CP_64QAM	58.082	60.961
n41	30	60	531996	162@0	CP_256QAM	58.155	60.699
n41	30	70	506202	180@0	DFT_16QAM	64.490	67.873
n41	30	70	506202	180@0	DFT_64QAM	64.313	67.898
n41	30	70	506202	180@0	DFT_256QAM	64.382	68.135
n41	30	70	506202	189@0	CP_QPSK	67.469	71.141
n41	30	70	506202	189@0	CP_16QAM	67.518	71.206
n41	30	70	506202	189@0	CP_64QAM	67.367	71.242
n41	30	70	506202	189@0	CP_256QAM	67.481	70.983
n41	30	70	518598	180@0	DFT_16QAM	64.434	68.011
n41	30	70	518598	180@0	DFT_64QAM	64.334	67.906
n41	30	70	518598	180@0	DFT_256QAM	64.612	68.074
n41	30	70	518598	189@0	CP_QPSK	67.628	71.005
n41	30	70	518598	189@0	CP_16QAM	67.665	71.039
n41	30	70	518598	189@0	CP_64QAM	67.671	71.201
n41	30	70	518598	189@0	CP_256QAM	67.688	71.128
n41	30	70	531000	180@0	DFT_16QAM	64.542	67.968
n41	30	70	531000	180@0	DFT_64QAM	64.300	67.914
n41	30	70	531000	180@0	DFT_256QAM	64.514	67.785
n41	30	70	531000	189@0	CP_QPSK	67.667	71.021
n41	30	70	531000	189@0	CP_16QAM	67.739	71.115
n41	30	70	531000	189@0	CP_64QAM	67.537	71.038
n41	30	70	531000	189@0	CP_256QAM	67.577	71.120
n41	30	80	507204	216@0	DFT_16QAM	77.170	80.879
n41	30	80	507204	216@0	DFT_64QAM	77.389	81.071
n41	30	80	507204	216@0	DFT_256QAM	77.027	81.055
n41	30	80	507204	217@0	CP_QPSK	77.559	81.307
n41	30	80	507204	217@0	CP_16QAM	77.471	81.275
n41	30	80	507204	217@0	CP_64QAM	77.504	81.331
n41	30	80	507204	217@0	CP_256QAM	77.355	81.323
n41	30	80	518598	216@0	DFT_16QAM	77.357	81.083
n41	30	80	518598	216@0	DFT_64QAM	77.095	81.090

n41	30	80	518598	216@0	DFT_256QAM	77.402	81.163
n41	30	80	518598	217@0	CP_QPSK	77.794	81.496
n41	30	80	518598	217@0	CP_16QAM	77.626	81.421
n41	30	80	518598	217@0	CP_64QAM	77.690	81.177
n41	30	80	518598	217@0	CP_256QAM	77.808	81.564
n41	30	80	529998	216@0	DFT_16QAM	77.199	80.953
n41	30	80	529998	216@0	DFT_64QAM	77.316	80.934
n41	30	80	529998	216@0	DFT_256QAM	77.067	81.000
n41	30	80	529998	217@0	CP_QPSK	77.582	81.152
n41	30	80	529998	217@0	CP_16QAM	77.482	81.112
n41	30	80	529998	217@0	CP_64QAM	77.609	81.247
n41	30	80	529998	217@0	CP_256QAM	77.593	81.519
n41	30	90	508200	240@0	DFT_16QAM	85.755	90.153
n41	30	90	508200	240@0	DFT_64QAM	86.081	90.015
n41	30	90	508200	240@0	DFT_256QAM	85.884	90.075
n41	30	90	508200	245@0	CP_QPSK	87.603	91.990
n41	30	90	508200	245@0	CP_16QAM	87.703	91.912
n41	30	90	508200	245@0	CP_64QAM	87.510	91.814
n41	30	90	508200	245@0	CP_256QAM	87.621	91.633
n41	30	90	518598	240@0	DFT_16QAM	85.702	90.356
n41	30	90	518598	240@0	DFT_64QAM	85.913	89.912
n41	30	90	518598	240@0	DFT_256QAM	85.895	90.168
n41	30	90	518598	245@0	CP_QPSK	87.839	91.793
n41	30	90	518598	245@0	CP_16QAM	87.596	92.105
n41	30	90	518598	245@0	CP_64QAM	87.553	91.735
n41	30	90	518598	245@0	CP_256QAM	87.811	91.851
n41	30	90	528996	240@0	DFT_16QAM	86.037	90.052
n41	30	90	528996	240@0	DFT_64QAM	85.932	90.109
n41	30	90	528996	240@0	DFT_256QAM	85.692	90.124
n41	30	90	528996	245@0	CP_QPSK	87.713	91.937
n41	30	90	528996	245@0	CP_16QAM	87.818	92.121
n41	30	90	528996	245@0	CP_64QAM	87.589	91.782
n41	30	90	528996	245@0	CP_256QAM	87.667	91.899
n41	30	100	509202	270@0	DFT_16QAM	96.239	101.137
n41	30	100	509202	270@0	DFT_64QAM	96.368	100.903
n41	30	100	509202	270@0	DFT_256QAM	96.299	101.203
n41	30	100	509202	273@0	CP_QPSK	97.334	101.986
n41	30	100	509202	273@0	CP_16QAM	97.292	102.029
n41	30	100	509202	273@0	CP_64QAM	97.378	102.177
n41	30	100	509202	273@0	CP_256QAM	97.274	101.804
n41	30	100	518598	270@0	DFT_16QAM	96.300	101.021
n41	30	100	518598	270@0	DFT_64QAM	96.362	100.908
n41	30	100	518598	270@0	DFT_256QAM	96.421	101.060
n41	30	100	518598	273@0	CP_QPSK	97.266	102.081

n41	30	100	518598	273@0	CP_16QAM	97.333	102.372
n41	30	100	518598	273@0	CP_64QAM	97.448	102.120
n41	30	100	518598	273@0	CP_256QAM	97.242	102.088
n41	30	100	528000	270@0	DFT_16QAM	96.459	100.810
n41	30	100	528000	270@0	DFT_64QAM	96.161	101.118
n41	30	100	528000	270@0	DFT_256QAM	96.316	100.801
n41	30	100	528000	273@0	CP_QPSK	97.361	101.983
n41	30	100	528000	273@0	CP_16QAM	97.291	102.122
n41	30	100	528000	273@0	CP_64QAM	97.556	102.256
n41	30	100	528000	273@0	CP_256QAM	97.140	101.953
n66	15	5	342500	25@0	DFT_BPSK	4.496	4.925
n66	15	5	342500	25@0	DFT_QPSK	4.471	4.901
n66	15	5	349000	25@0	DFT_BPSK	4.493	4.940
n66	15	5	349000	25@0	DFT_QPSK	4.474	4.898
n66	15	5	355500	25@0	DFT_BPSK	4.490	4.896
n66	15	5	355500	25@0	DFT_QPSK	4.475	4.898
n66	15	10	343000	50@0	DFT_BPSK	8.978	9.532
n66	15	10	343000	50@0	DFT_QPSK	8.977	9.560
n66	15	10	349000	50@0	DFT_BPSK	8.982	9.548
n66	15	10	349000	50@0	DFT_QPSK	8.992	9.494
n66	15	10	355000	50@0	DFT_BPSK	8.976	9.531
n66	15	10	355000	50@0	DFT_QPSK	8.975	9.565
n66	15	15	343500	75@0	DFT_BPSK	13.431	14.213
n66	15	15	343500	75@0	DFT_QPSK	13.466	14.211
n66	15	15	349000	75@0	DFT_BPSK	13.465	14.176
n66	15	15	349000	75@0	DFT_QPSK	13.482	14.231
n66	15	15	354500	75@0	DFT_BPSK	13.464	14.145
n66	15	15	354500	75@0	DFT_QPSK	13.463	14.289
n66	15	20	344000	100@0	DFT_BPSK	17.932	18.993
n66	15	20	344000	100@0	DFT_QPSK	17.944	18.983
n66	15	20	349000	100@0	DFT_BPSK	17.961	18.977
n66	15	20	349000	100@0	DFT_QPSK	17.933	18.982
n66	15	20	354000	100@0	DFT_BPSK	17.977	19.000
n66	15	20	354000	100@0	DFT_QPSK	17.974	19.024
n66	15	25	344500	128@0	DFT_BPSK	22.876	24.113
n66	15	25	344500	128@0	DFT_QPSK	22.938	24.183
n66	15	25	349000	128@0	DFT_BPSK	22.923	24.139
n66	15	25	349000	128@0	DFT_QPSK	22.917	24.204
n66	15	25	353500	128@0	DFT_BPSK	22.955	24.136
n66	15	25	353500	128@0	DFT_QPSK	22.989	24.196
n66	15	30	345000	160@0	DFT_BPSK	28.575	30.156
n66	15	30	345000	160@0	DFT_QPSK	28.681	30.189
n66	15	30	349000	160@0	DFT_BPSK	28.646	30.185
n66	15	30	349000	160@0	DFT_QPSK	28.666	30.230

n66	15	30	353000	160@0	DFT_BPSK	28.693	30.130
n66	15	30	353000	160@0	DFT_QPSK	28.693	30.226
n66	15	40	346000	216@0	DFT_BPSK	38.628	40.574
n66	15	40	346000	216@0	DFT_QPSK	38.599	40.722
n66	15	40	349000	216@0	DFT_BPSK	38.589	40.563
n66	15	40	349000	216@0	DFT_QPSK	38.607	40.748
n66	15	40	352000	216@0	DFT_BPSK	38.674	40.645
n66	15	40	352000	216@0	DFT_QPSK	38.580	40.729
n66	15	5	342500	25@0	DFT_16QAM	4.486	4.968
n66	15	5	342500	25@0	DFT_64QAM	4.467	4.957
n66	15	5	342500	25@0	DFT_256QAM	4.488	4.921
n66	15	5	342500	25@0	CP_QPSK	4.472	4.936
n66	15	5	342500	25@0	CP_16QAM	4.484	5.020
n66	15	5	342500	25@0	CP_64QAM	4.508	5.020
n66	15	5	342500	25@0	CP_256QAM	4.513	5.046
n66	15	5	349000	25@0	DFT_16QAM	4.479	4.849
n66	15	5	349000	25@0	DFT_64QAM	4.471	4.834
n66	15	5	349000	25@0	DFT_256QAM	4.476	4.962
n66	15	5	349000	25@0	CP_QPSK	4.471	4.923
n66	15	5	349000	25@0	CP_16QAM	4.481	4.953
n66	15	5	349000	25@0	CP_64QAM	4.493	5.022
n66	15	5	349000	25@0	CP_256QAM	4.488	5.021
n66	15	5	355500	25@0	DFT_16QAM	4.486	4.824
n66	15	5	355500	25@0	DFT_64QAM	4.468	4.856
n66	15	5	355500	25@0	DFT_256QAM	4.485	4.962
n66	15	5	355500	25@0	CP_QPSK	4.460	5.010
n66	15	5	355500	25@0	CP_16QAM	4.462	5.031
n66	15	5	355500	25@0	CP_64QAM	4.499	4.937
n66	15	5	355500	25@0	CP_256QAM	4.500	4.989
n66	15	10	343000	50@0	DFT_16QAM	8.935	9.544
n66	15	10	343000	50@0	DFT_64QAM	8.947	9.599
n66	15	10	343000	50@0	DFT_256QAM	8.960	9.537
n66	15	10	343000	52@0	CP_QPSK	9.311	9.789
n66	15	10	343000	52@0	CP_16QAM	9.303	10.072
n66	15	10	343000	52@0	CP_64QAM	9.279	9.769
n66	15	10	343000	52@0	CP_256QAM	9.261	9.835
n66	15	10	349000	50@0	DFT_16QAM	8.961	9.441
n66	15	10	349000	50@0	DFT_64QAM	8.942	9.497
n66	15	10	349000	50@0	DFT_256QAM	8.998	9.451
n66	15	10	349000	52@0	CP_QPSK	9.318	9.975
n66	15	10	349000	52@0	CP_16QAM	9.317	10.013
n66	15	10	349000	52@0	CP_64QAM	9.302	9.991
n66	15	10	349000	52@0	CP_256QAM	9.267	9.727
n66	15	10	355000	50@0	DFT_16QAM	8.948	9.473

n66	15	10	355000	50@0	DFT_64QAM	8.947	9.668
n66	15	10	355000	50@0	DFT_256QAM	8.966	9.541
n66	15	10	355000	52@0	CP_QPSK	9.311	9.764
n66	15	10	355000	52@0	CP_16QAM	9.298	10.037
n66	15	10	355000	52@0	CP_64QAM	9.281	9.970
n66	15	10	355000	52@0	CP_256QAM	9.252	9.857
n66	15	15	343500	75@0	DFT_16QAM	13.442	14.124
n66	15	15	343500	75@0	DFT_64QAM	13.458	14.198
n66	15	15	343500	75@0	DFT_256QAM	13.459	14.212
n66	15	15	343500	79@0	CP_QPSK	14.143	14.977
n66	15	15	343500	79@0	CP_16QAM	14.113	14.891
n66	15	15	343500	79@0	CP_64QAM	14.124	14.830
n66	15	15	343500	79@0	CP_256QAM	14.088	14.733
n66	15	15	349000	75@0	DFT_16QAM	13.436	14.257
n66	15	15	349000	75@0	DFT_64QAM	13.449	14.277
n66	15	15	349000	75@0	DFT_256QAM	13.447	14.249
n66	15	15	349000	79@0	CP_QPSK	14.124	14.755
n66	15	15	349000	79@0	CP_16QAM	14.101	14.817
n66	15	15	349000	79@0	CP_64QAM	14.115	14.912
n66	15	15	349000	79@0	CP_256QAM	14.102	14.936
n66	15	15	354500	75@0	DFT_16QAM	13.467	14.237
n66	15	15	354500	75@0	DFT_64QAM	13.462	14.171
n66	15	15	354500	75@0	DFT_256QAM	13.447	14.116
n66	15	15	354500	79@0	CP_QPSK	14.127	14.980
n66	15	15	354500	79@0	CP_16QAM	14.111	14.826
n66	15	15	354500	79@0	CP_64QAM	14.111	14.813
n66	15	15	354500	79@0	CP_256QAM	14.084	14.956
n66	15	20	344000	100@0	DFT_16QAM	17.926	18.910
n66	15	20	344000	100@0	DFT_64QAM	17.913	18.781
n66	15	20	344000	100@0	DFT_256QAM	17.922	18.975
n66	15	20	344000	106@0	CP_QPSK	18.972	20.111
n66	15	20	344000	106@0	CP_16QAM	18.955	20.089
n66	15	20	344000	106@0	CP_64QAM	18.938	20.131
n66	15	20	344000	106@0	CP_256QAM	18.954	19.996
n66	15	20	349000	100@0	DFT_16QAM	17.908	18.854
n66	15	20	349000	100@0	DFT_64QAM	17.898	18.774
n66	15	20	349000	100@0	DFT_256QAM	17.918	18.933
n66	15	20	349000	106@0	CP_QPSK	18.964	19.973
n66	15	20	349000	106@0	CP_16QAM	18.960	19.769
n66	15	20	349000	106@0	CP_64QAM	18.975	19.975
n66	15	20	349000	106@0	CP_256QAM	18.950	19.863
n66	15	20	354000	100@0	DFT_16QAM	17.941	18.733
n66	15	20	354000	100@0	DFT_64QAM	17.929	18.822
n66	15	20	354000	100@0	DFT_256QAM	17.930	18.855

n66	15	20	354000	106@0	CP_QPSK	18.964	20.027
n66	15	20	354000	106@0	CP_16QAM	18.929	20.015
n66	15	20	354000	106@0	CP_64QAM	18.961	19.964
n66	15	20	354000	106@0	CP_256QAM	18.984	19.997
n66	15	25	344500	128@0	DFT_16QAM	22.772	24.106
n66	15	25	344500	128@0	DFT_64QAM	22.899	24.196
n66	15	25	344500	128@0	DFT_256QAM	22.883	24.224
n66	15	25	344500	133@0	CP_QPSK	23.710	25.057
n66	15	25	344500	133@0	CP_16QAM	23.665	25.043
n66	15	25	344500	133@0	CP_64QAM	23.658	25.019
n66	15	25	344500	133@0	CP_256QAM	23.637	25.031
n66	15	25	349000	128@0	DFT_16QAM	22.832	24.191
n66	15	25	349000	128@0	DFT_64QAM	22.804	24.950
n66	15	25	349000	128@0	DFT_256QAM	22.834	24.089
n66	15	25	349000	133@0	CP_QPSK	23.688	25.103
n66	15	25	349000	133@0	CP_16QAM	23.619	25.314
n66	15	25	349000	133@0	CP_64QAM	23.728	25.068
n66	15	25	349000	133@0	CP_256QAM	23.681	25.147
n66	15	25	353500	128@0	DFT_16QAM	22.800	24.173
n66	15	25	353500	128@0	DFT_64QAM	22.857	24.230
n66	15	25	353500	128@0	DFT_256QAM	22.862	24.182
n66	15	25	353500	133@0	CP_QPSK	23.697	25.133
n66	15	25	353500	133@0	CP_16QAM	23.669	25.191
n66	15	25	353500	133@0	CP_64QAM	23.708	25.188
n66	15	25	353500	133@0	CP_256QAM	23.672	25.167
n66	15	30	345000	160@0	DFT_16QAM	28.623	30.245
n66	15	30	345000	160@0	DFT_64QAM	28.561	30.266
n66	15	30	345000	160@0	DFT_256QAM	28.652	30.362
n66	15	30	345000	160@0	CP_QPSK	28.944	30.801
n66	15	30	345000	160@0	CP_16QAM	28.996	30.737
n66	15	30	345000	160@0	CP_64QAM	28.984	30.740
n66	15	30	345000	160@0	CP_256QAM	28.883	30.968
n66	15	30	349000	160@0	DFT_16QAM	28.627	30.460
n66	15	30	349000	160@0	DFT_64QAM	28.655	30.302
n66	15	30	349000	160@0	DFT_256QAM	28.542	30.168
n66	15	30	349000	160@0	CP_QPSK	28.962	30.691
n66	15	30	349000	160@0	CP_16QAM	29.022	30.638
n66	15	30	349000	160@0	CP_64QAM	29.018	30.669
n66	15	30	349000	160@0	CP_256QAM	28.929	30.695
n66	15	30	353000	160@0	DFT_16QAM	28.604	30.083
n66	15	30	353000	160@0	DFT_64QAM	28.627	30.187
n66	15	30	353000	160@0	DFT_256QAM	28.550	30.268
n66	15	30	353000	160@0	CP_QPSK	28.933	30.649
n66	15	30	353000	160@0	CP_16QAM	28.968	30.703

n66	15	30	353000	160@0	CP_64QAM	28.970	30.711
n66	15	30	353000	160@0	CP_256QAM	28.916	30.694
n66	15	40	346000	216@0	DFT_16QAM	38.733	40.667
n66	15	40	346000	216@0	DFT_64QAM	38.655	40.694
n66	15	40	346000	216@0	DFT_256QAM	38.729	40.526
n66	15	40	346000	216@0	CP_QPSK	39.943	40.869
n66	15	40	346000	216@0	CP_16QAM	39.895	40.965
n66	15	40	346000	216@0	CP_64QAM	39.202	40.052
n66	15	40	346000	216@0	CP_256QAM	39.962	40.945
n66	15	40	349000	216@0	DFT_16QAM	38.730	40.792
n66	15	40	349000	216@0	DFT_64QAM	38.745	40.812
n66	15	40	349000	216@0	DFT_256QAM	38.701	40.758
n66	15	40	349000	216@0	CP_QPSK	39.933	40.936
n66	15	40	349000	216@0	CP_16QAM	39.893	40.912
n66	15	40	349000	216@0	CP_64QAM	39.940	40.823
n66	15	40	349000	216@0	CP_256QAM	39.997	40.924
n66	15	40	352000	216@0	DFT_16QAM	38.780	40.590
n66	15	40	352000	216@0	DFT_64QAM	38.801	40.784
n66	15	40	352000	216@0	DFT_256QAM	38.774	40.658
n66	15	40	352000	216@0	CP_QPSK	39.929	40.978
n66	15	40	352000	216@0	CP_16QAM	39.954	40.944
n66	15	40	352000	216@0	CP_64QAM	39.994	40.858
n66	15	40	352000	216@0	CP_256QAM	39.991	40.864
n78(3450-3550)	30	10	630334	24@0	DFT_BPSK	8.587	9.344
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	8.595	9.355
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	8.582	9.433
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.572	9.419
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	8.573	9.35
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	8.564	9.272
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	12.949	13.623
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	12.902	13.764
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	12.919	13.669
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	12.92	13.788
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	12.909	13.717
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	12.899	13.741
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	17.932	19.15
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	17.957	18.95
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	17.906	19.108
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	17.957	19.155
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	17.95	19.027
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	17.954	18.969
n78(3450-3550)	30	25	630834	64@0	DFT_BPSK	22.920	24.125
n78(3450-3550)	30	25	630834	64@0	DFT_QPSK	23.019	24.233
n78(3450-3550)	30	25	633334	64@0	DFT_BPSK	22.974	24.137

n78(3450-3550)	30	25	633334	64@0	DFT_QPSK	23.042	24.226
n78(3450-3550)	30	25	635832	64@0	DFT_BPSK	23.012	24.378
n78(3450-3550)	30	25	635832	64@0	DFT_QPSK	22.979	24.260
n78(3450-3550)	30	30	631000	75@0	DFT_BPSK	26.942	28.354
n78(3450-3550)	30	30	631000	75@0	DFT_QPSK	26.943	28.501
n78(3450-3550)	30	30	633334	75@0	DFT_BPSK	26.940	28.382
n78(3450-3550)	30	30	633334	75@0	DFT_QPSK	27.032	28.660
n78(3450-3550)	30	30	635666	75@0	DFT_BPSK	26.927	28.585
n78(3450-3550)	30	30	635666	75@0	DFT_QPSK	26.973	28.416
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	35.897	37.980
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	35.916	37.774
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	35.884	37.702
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	35.844	37.925
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	35.899	37.800
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	35.811	37.776
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	45.839	48.242
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	45.767	48.253
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	45.856	48.260
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	45.883	48.252
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	45.804	48.227
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	45.864	48.213
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	57.961	60.786
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	57.915	60.921
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	57.974	60.775
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	58.023	60.878
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	57.905	60.851
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	57.849	60.992
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	64.520	67.823
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	64.451	67.954
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	64.570	67.909
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	64.590	68.188
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n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	64.435	68.058
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	77.136	80.944
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	77.207	81.047
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	77.243	81.023
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	77.280	81.173
n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	77.170	81.298
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	77.204	81.170
n78(3450-3550)	30	90	633000	240@0	DFT_BPSK	86.068	90.164
n78(3450-3550)	30	90	633000	240@0	DFT_QPSK	85.783	90.164
n78(3450-3550)	30	90	633334	240@0	DFT_BPSK	85.942	90.208
n78(3450-3550)	30	90	633334	240@0	DFT_QPSK	85.927	90.433
n78(3450-3550)	30	90	633666	240@0	DFT_BPSK	85.794	90.149

n78(3450-3550)	30	90	633666	240@0	DFT_QPSK	86.054	90.299
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.257	101.315
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.446	101.443
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	8.567	9.383
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	8.574	9.051
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	8.551	9.486
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	8.629	9.182
n78(3450-3550)	30	10	630334	24@0	CP_16QAM	8.593	9.330
n78(3450-3550)	30	10	630334	24@0	CP_64QAM	8.580	9.634
n78(3450-3550)	30	10	630334	24@0	CP_256QAM	8.616	9.565
n78(3450-3550)	30	10	633334	24@0	DFT_16QAM	8.545	9.405
n78(3450-3550)	30	10	633334	24@0	DFT_64QAM	8.551	9.390
n78(3450-3550)	30	10	633334	24@0	DFT_256QAM	8.528	9.473
n78(3450-3550)	30	10	633334	24@0	CP_QPSK	8.594	9.447
n78(3450-3550)	30	10	633334	24@0	CP_16QAM	8.583	9.853
n78(3450-3550)	30	10	633334	24@0	CP_64QAM	8.595	9.363
n78(3450-3550)	30	10	633334	24@0	CP_256QAM	8.612	9.286
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	8.544	9.503
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	8.544	9.421
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	8.602	9.372
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	8.595	9.504
n78(3450-3550)	30	10	636332	24@0	CP_16QAM	8.578	9.391
n78(3450-3550)	30	10	636332	24@0	CP_64QAM	8.648	9.385
n78(3450-3550)	30	10	636332	24@0	CP_256QAM	8.598	9.393
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	12.850	13.492
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	12.883	13.816
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	12.913	13.780
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	13.582	14.279
n78(3450-3550)	30	15	630500	38@0	CP_16QAM	13.669	14.240
n78(3450-3550)	30	15	630500	38@0	CP_64QAM	13.575	14.676
n78(3450-3550)	30	15	630500	38@0	CP_256QAM	13.598	13.919
n78(3450-3550)	30	15	633334	36@0	DFT_16QAM	12.789	13.700
n78(3450-3550)	30	15	633334	36@0	DFT_64QAM	12.872	13.737
n78(3450-3550)	30	15	633334	36@0	DFT_256QAM	12.882	13.479
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	13.610	14.581
n78(3450-3550)	30	15	633334	38@0	CP_16QAM	13.654	14.589
n78(3450-3550)	30	15	633334	38@0	CP_64QAM	13.536	14.302
n78(3450-3550)	30	15	633334	38@0	CP_256QAM	13.538	14.255
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	12.843	13.448
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	12.827	13.457
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	12.884	13.679
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	13.580	14.288
n78(3450-3550)	30	15	636166	38@0	CP_16QAM	13.614	14.651
n78(3450-3550)	30	15	636166	38@0	CP_64QAM	13.579	13.927

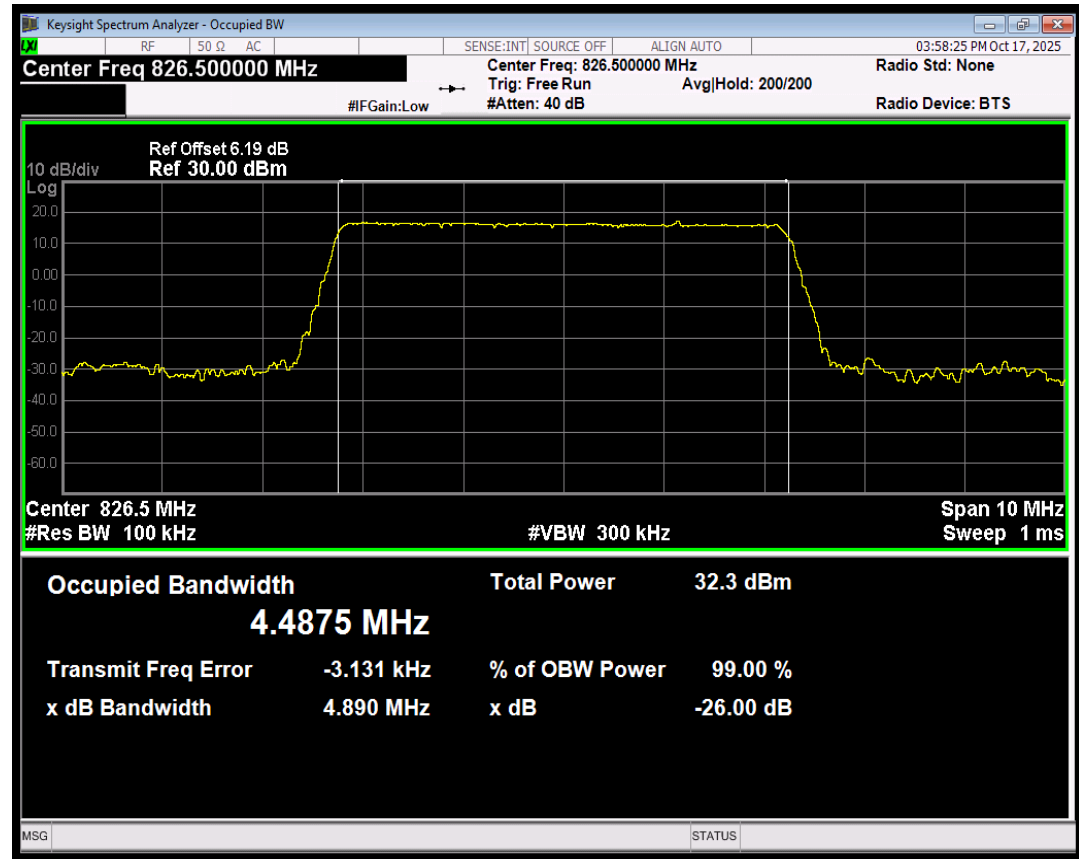
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n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	17.856	18.784
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	17.885	19.097
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	17.852	18.909
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	18.200	19.424
n78(3450-3550)	30	20	630668	51@0	CP_16QAM	18.241	19.865
n78(3450-3550)	30	20	630668	51@0	CP_64QAM	18.236	19.281
n78(3450-3550)	30	20	630668	51@0	CP_256QAM	18.221	19.462
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	17.823	19.120
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	17.929	18.831
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	17.907	18.906
n78(3450-3550)	30	20	633334	51@0	CP_QPSK	18.179	19.575
n78(3450-3550)	30	20	633334	51@0	CP_16QAM	18.206	19.615
n78(3450-3550)	30	20	633334	51@0	CP_64QAM	18.226	18.986
n78(3450-3550)	30	20	633334	51@0	CP_256QAM	18.187	19.132
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	17.866	18.778
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	17.889	19.270
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	17.946	19.094
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	18.191	19.425
n78(3450-3550)	30	20	636000	51@0	CP_16QAM	18.264	19.474
n78(3450-3550)	30	20	636000	51@0	CP_64QAM	18.268	19.408
n78(3450-3550)	30	20	636000	51@0	CP_256QAM	18.217	19.209
n78(3450-3550)	30	25	630834	64@0	DFT_16QAM	22.924	24.230
n78(3450-3550)	30	25	630834	64@0	DFT_64QAM	22.941	23.993
n78(3450-3550)	30	25	630834	64@0	DFT_256QAM	22.857	24.167
n78(3450-3550)	30	25	630834	65@0	CP_QPSK	23.266	24.304
n78(3450-3550)	30	25	630834	65@0	CP_16QAM	23.226	24.208
n78(3450-3550)	30	25	630834	65@0	CP_64QAM	23.252	24.574
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n78(3450-3550)	30	25	633334	64@0	DFT_16QAM	22.936	23.962
n78(3450-3550)	30	25	633334	64@0	DFT_64QAM	22.862	23.784
n78(3450-3550)	30	25	633334	64@0	DFT_256QAM	22.958	24.016
n78(3450-3550)	30	25	633334	65@0	CP_QPSK	23.237	24.651
n78(3450-3550)	30	25	633334	65@0	CP_16QAM	23.160	24.486
n78(3450-3550)	30	25	633334	65@0	CP_64QAM	23.221	24.531
n78(3450-3550)	30	25	633334	65@0	CP_256QAM	23.237	24.564
n78(3450-3550)	30	25	635832	64@0	DFT_16QAM	22.939	24.275
n78(3450-3550)	30	25	635832	64@0	DFT_64QAM	22.957	24.095
n78(3450-3550)	30	25	635832	64@0	DFT_256QAM	23.010	24.435
n78(3450-3550)	30	25	635832	65@0	CP_QPSK	23.243	24.977
n78(3450-3550)	30	25	635832	65@0	CP_16QAM	23.158	24.625
n78(3450-3550)	30	25	635832	65@0	CP_64QAM	23.268	24.397
n78(3450-3550)	30	25	635832	65@0	CP_256QAM	23.162	24.441
n78(3450-3550)	30	30	631000	75@0	DFT_16QAM	26.840	27.976

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n78(3450-3550)	30	30	631000	78@0	CP_QPSK	27.981	29.169
n78(3450-3550)	30	30	631000	78@0	CP_16QAM	27.803	29.820
n78(3450-3550)	30	30	631000	78@0	CP_64QAM	27.905	29.721
n78(3450-3550)	30	30	631000	78@0	CP_256QAM	27.842	29.393
n78(3450-3550)	30	30	633334	75@0	DFT_16QAM	26.908	28.259
n78(3450-3550)	30	30	633334	75@0	DFT_64QAM	26.850	28.695
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n78(3450-3550)	30	30	633334	78@0	CP_64QAM	27.836	29.380
n78(3450-3550)	30	30	633334	78@0	CP_256QAM	27.952	29.312
n78(3450-3550)	30	30	635666	75@0	DFT_16QAM	26.885	28.462
n78(3450-3550)	30	30	635666	75@0	DFT_64QAM	26.922	28.223
n78(3450-3550)	30	30	635666	75@0	DFT_256QAM	26.867	28.407
n78(3450-3550)	30	30	635666	78@0	CP_QPSK	27.884	29.405
n78(3450-3550)	30	30	635666	78@0	CP_16QAM	27.883	29.439
n78(3450-3550)	30	30	635666	78@0	CP_64QAM	27.904	29.300
n78(3450-3550)	30	30	635666	78@0	CP_256QAM	27.815	29.442
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	35.885	37.858
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	35.885	37.606
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	35.826	37.932
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	37.822	39.966
n78(3450-3550)	30	40	631334	106@0	CP_16QAM	37.808	39.849
n78(3450-3550)	30	40	631334	106@0	CP_64QAM	37.914	39.830
n78(3450-3550)	30	40	631334	106@0	CP_256QAM	37.780	39.772
n78(3450-3550)	30	40	633334	100@0	DFT_16QAM	35.932	37.837
n78(3450-3550)	30	40	633334	100@0	DFT_64QAM	35.838	37.850
n78(3450-3550)	30	40	633334	100@0	DFT_256QAM	35.784	37.792
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n78(3450-3550)	30	40	633334	106@0	CP_16QAM	37.941	40.104
n78(3450-3550)	30	40	633334	106@0	CP_64QAM	37.844	39.947
n78(3450-3550)	30	40	633334	106@0	CP_256QAM	37.986	39.703
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	35.836	37.837
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	35.737	37.874
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	35.831	37.529
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	37.884	40.018
n78(3450-3550)	30	40	635332	106@0	CP_16QAM	37.918	39.795
n78(3450-3550)	30	40	635332	106@0	CP_64QAM	37.971	39.773
n78(3450-3550)	30	40	635332	106@0	CP_256QAM	37.795	39.867
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	45.845	48.228
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	45.771	48.047
n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	45.867	48.288

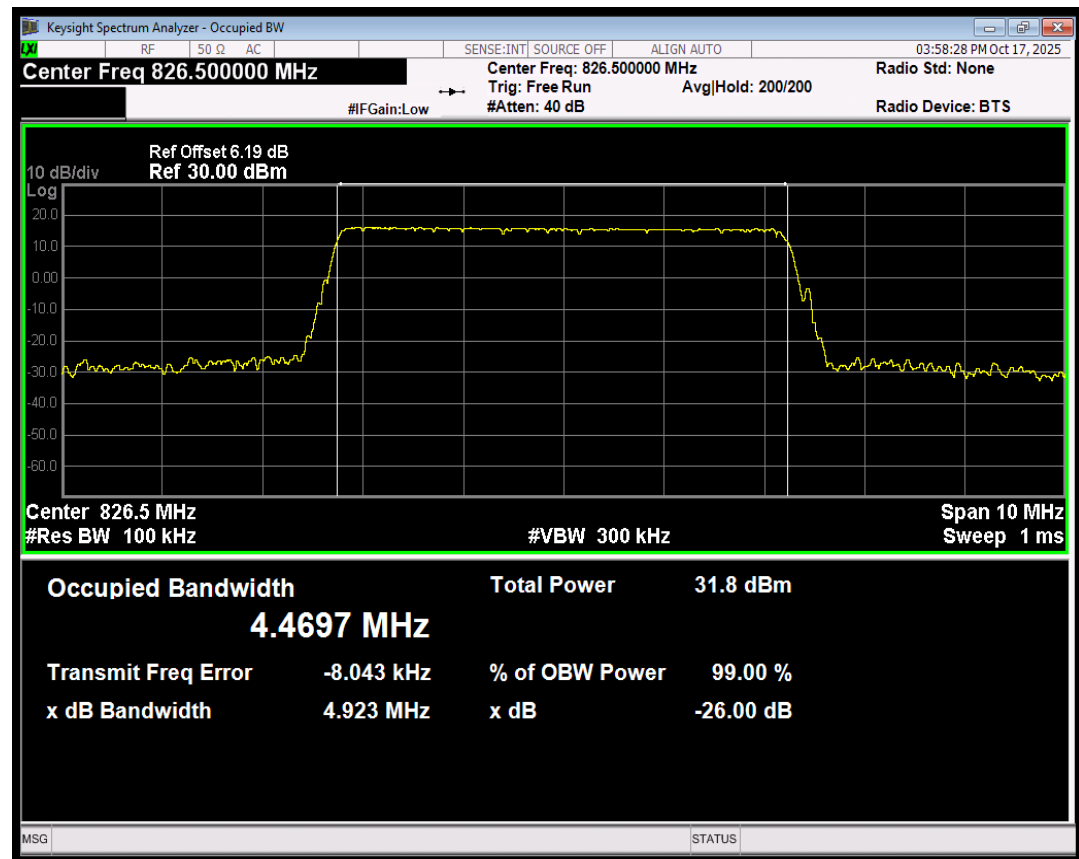
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n78(3450-3550)	30	50	631668	133@0	CP_256QAM	47.499	49.887
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n78(3450-3550)	30	50	633334	128@0	DFT_64QAM	45.821	48.491
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n78(3450-3550)	30	50	633334	133@0	CP_16QAM	47.694	49.820
n78(3450-3550)	30	50	633334	133@0	CP_64QAM	47.810	49.975
n78(3450-3550)	30	50	633334	133@0	CP_256QAM	47.580	50.111
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	45.900	48.205
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	45.855	48.189
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	45.889	48.636
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	47.662	49.913
n78(3450-3550)	30	50	635000	133@0	CP_16QAM	47.482	49.914
n78(3450-3550)	30	50	635000	133@0	CP_64QAM	47.642	50.400
n78(3450-3550)	30	50	635000	133@0	CP_256QAM	47.675	49.921
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	58.114	60.612
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	57.897	60.772
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	57.984	60.713
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	57.766	60.503
n78(3450-3550)	30	60	632000	162@0	CP_16QAM	57.845	60.658
n78(3450-3550)	30	60	632000	162@0	CP_64QAM	57.826	60.951
n78(3450-3550)	30	60	632000	162@0	CP_256QAM	57.854	60.644
n78(3450-3550)	30	60	633334	162@0	DFT_16QAM	57.899	60.724
n78(3450-3550)	30	60	633334	162@0	DFT_64QAM	57.902	60.757
n78(3450-3550)	30	60	633334	162@0	DFT_256QAM	57.871	60.549
n78(3450-3550)	30	60	633334	162@0	CP_QPSK	57.825	60.774
n78(3450-3550)	30	60	633334	162@0	CP_16QAM	57.792	60.821
n78(3450-3550)	30	60	633334	162@0	CP_64QAM	57.917	60.645
n78(3450-3550)	30	60	633334	162@0	CP_256QAM	58.040	60.711
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	58.038	60.860
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	57.938	60.641
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	58.053	60.962
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	57.811	60.713
n78(3450-3550)	30	60	634666	162@0	CP_16QAM	57.933	60.735
n78(3450-3550)	30	60	634666	162@0	CP_64QAM	57.971	60.627
n78(3450-3550)	30	60	634666	162@0	CP_256QAM	57.997	60.576
n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	64.222	67.911
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	64.387	67.804
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	64.451	67.927
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	67.646	71.012
n78(3450-3550)	30	70	632334	189@0	CP_16QAM	67.649	70.945

n78(3450-3550)	30	70	632334	189@0	CP_64QAM	67.712	71.283
n78(3450-3550)	30	70	632334	189@0	CP_256QAM	67.480	71.154
n78(3450-3550)	30	70	633334	180@0	DFT_16QAM	64.630	67.932
n78(3450-3550)	30	70	633334	180@0	DFT_64QAM	64.541	67.872
n78(3450-3550)	30	70	633334	180@0	DFT_256QAM	64.666	67.988
n78(3450-3550)	30	70	633334	189@0	CP_QPSK	67.592	71.189
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n78(3450-3550)	30	70	633334	189@0	CP_64QAM	67.650	71.056
n78(3450-3550)	30	70	633334	189@0	CP_256QAM	67.681	71.080
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	64.444	68.124
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	64.402	67.813
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	64.441	67.923
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	67.589	71.160
n78(3450-3550)	30	70	634332	189@0	CP_16QAM	67.598	71.098
n78(3450-3550)	30	70	634332	189@0	CP_64QAM	67.645	71.227
n78(3450-3550)	30	70	634332	189@0	CP_256QAM	67.556	71.286
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	77.179	81.019
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	77.113	80.835
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	77.057	81.154
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	77.550	81.321
n78(3450-3550)	30	80	632668	217@0	CP_16QAM	77.489	81.315
n78(3450-3550)	30	80	632668	217@0	CP_64QAM	77.633	81.253
n78(3450-3550)	30	80	632668	217@0	CP_256QAM	77.592	81.621
n78(3450-3550)	30	80	633334	216@0	DFT_16QAM	77.399	80.936
n78(3450-3550)	30	80	633334	216@0	DFT_64QAM	77.221	81.040
n78(3450-3550)	30	80	633334	216@0	DFT_256QAM	76.967	81.088
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	77.695	81.535
n78(3450-3550)	30	80	633334	217@0	CP_16QAM	77.754	81.399
n78(3450-3550)	30	80	633334	217@0	CP_64QAM	77.729	81.361
n78(3450-3550)	30	80	633334	217@0	CP_256QAM	77.672	81.163
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	77.341	80.840
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	77.170	81.026
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	77.496	81.035
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	77.561	81.454
n78(3450-3550)	30	80	634000	217@0	CP_16QAM	77.578	81.281
n78(3450-3550)	30	80	634000	217@0	CP_64QAM	77.617	81.286
n78(3450-3550)	30	80	634000	217@0	CP_256QAM	77.341	81.336
n78(3450-3550)	30	90	633000	240@0	DFT_16QAM	85.984	90.051
n78(3450-3550)	30	90	633000	240@0	DFT_64QAM	85.957	90.352
n78(3450-3550)	30	90	633000	240@0	DFT_256QAM	85.373	89.911
n78(3450-3550)	30	90	633000	245@0	CP_QPSK	87.582	91.887
n78(3450-3550)	30	90	633000	245@0	CP_16QAM	87.763	91.858
n78(3450-3550)	30	90	633000	245@0	CP_64QAM	87.544	91.739
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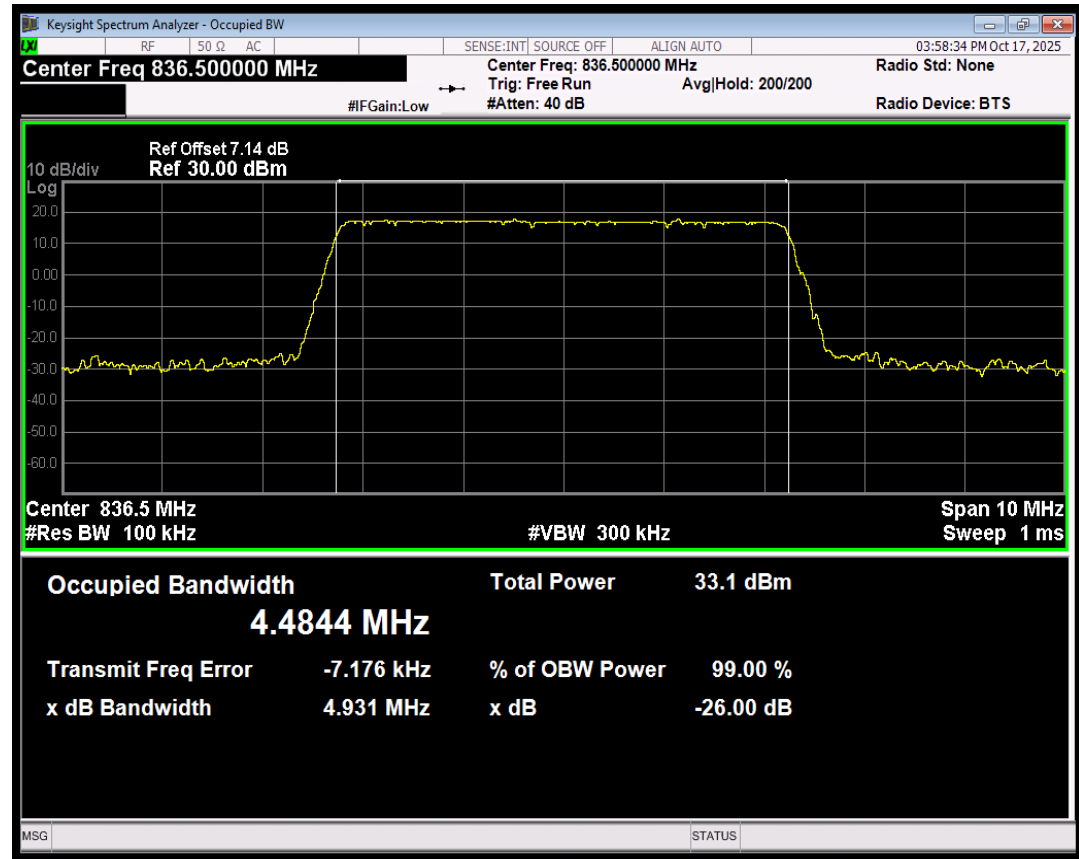
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n78(3450-3550)	30	90	633334	240@0	DFT_256QAM	85.927	89.737
n78(3450-3550)	30	90	633334	245@0	CP_QPSK	87.685	91.918
n78(3450-3550)	30	90	633334	245@0	CP_16QAM	87.829	91.821
n78(3450-3550)	30	90	633334	245@0	CP_64QAM	87.362	91.864
n78(3450-3550)	30	90	633334	245@0	CP_256QAM	87.506	91.690
n78(3450-3550)	30	90	633666	240@0	DFT_16QAM	85.984	90.112
n78(3450-3550)	30	90	633666	240@0	DFT_64QAM	85.916	90.065
n78(3450-3550)	30	90	633666	240@0	DFT_256QAM	85.818	89.882
n78(3450-3550)	30	90	633666	245@0	CP_QPSK	87.644	92.142
n78(3450-3550)	30	90	633666	245@0	CP_16QAM	87.685	92.017
n78(3450-3550)	30	90	633666	245@0	CP_64QAM	87.574	92.033
n78(3450-3550)	30	90	633666	245@0	CP_256QAM	87.659	91.610
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	96.252	101.108
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	96.244	101.168
n78(3450-3550)	30	100	633334	270@0	DFT_256QAM	96.341	101.088
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	97.193	102.291
n78(3450-3550)	30	100	633334	273@0	CP_16QAM	97.330	102.223
n78(3450-3550)	30	100	633334	273@0	CP_64QAM	97.310	102.492
n78(3450-3550)	30	100	633334	273@0	CP_256QAM	97.328	102.167



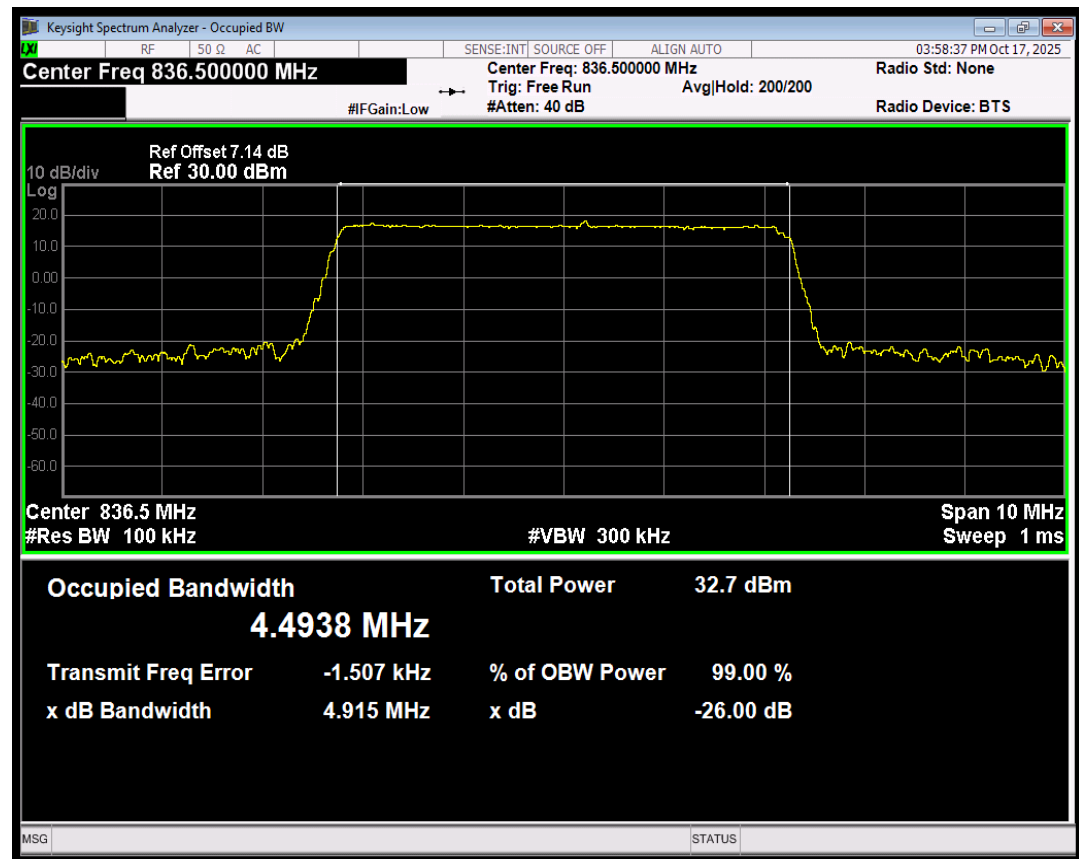
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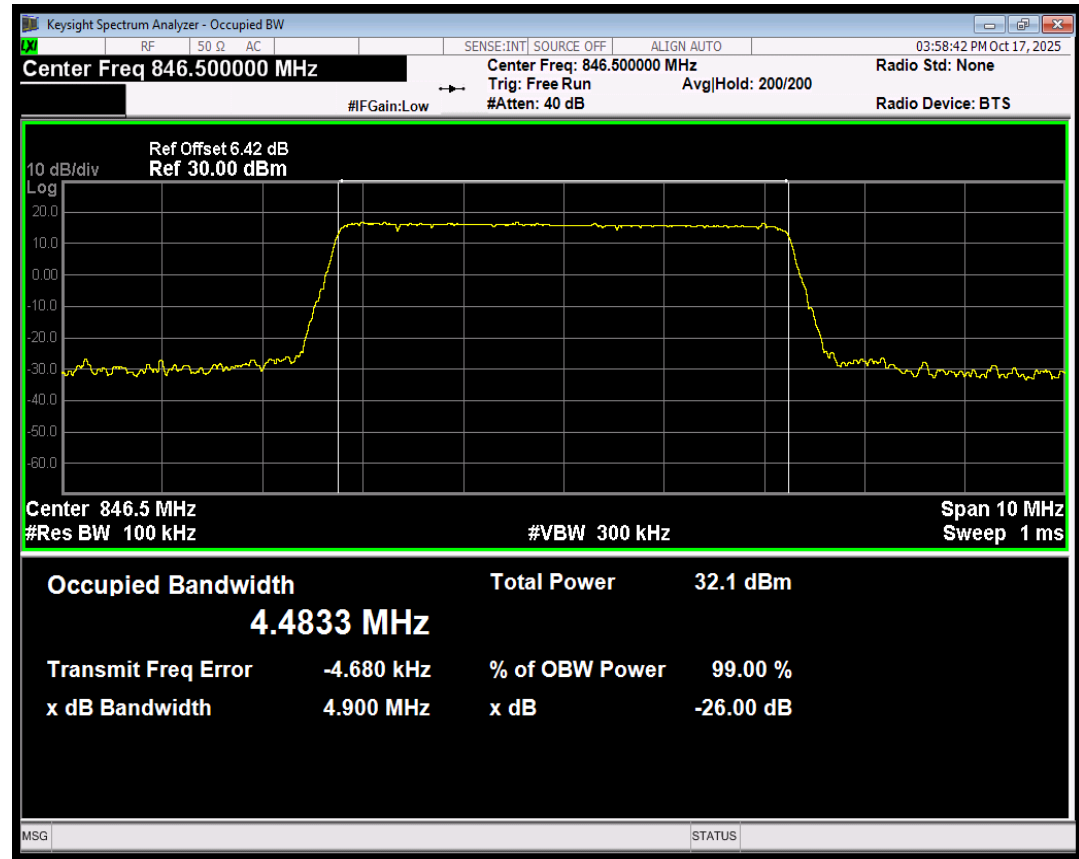
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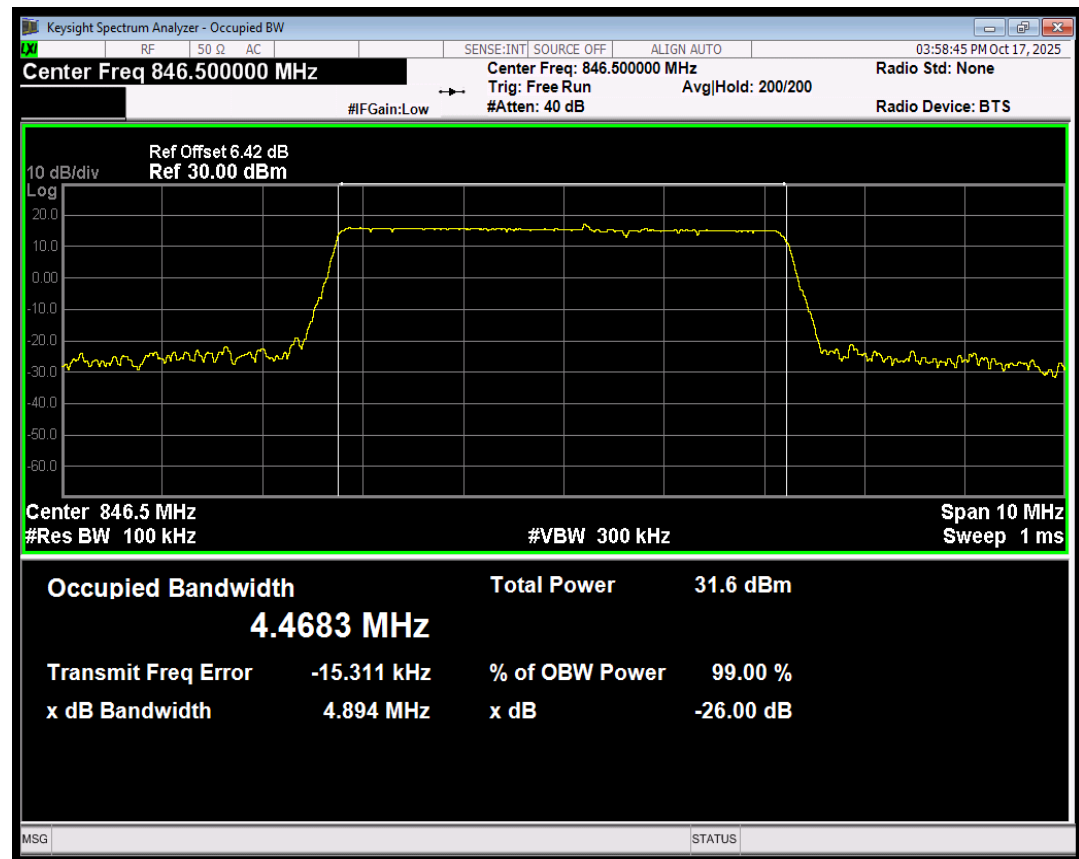
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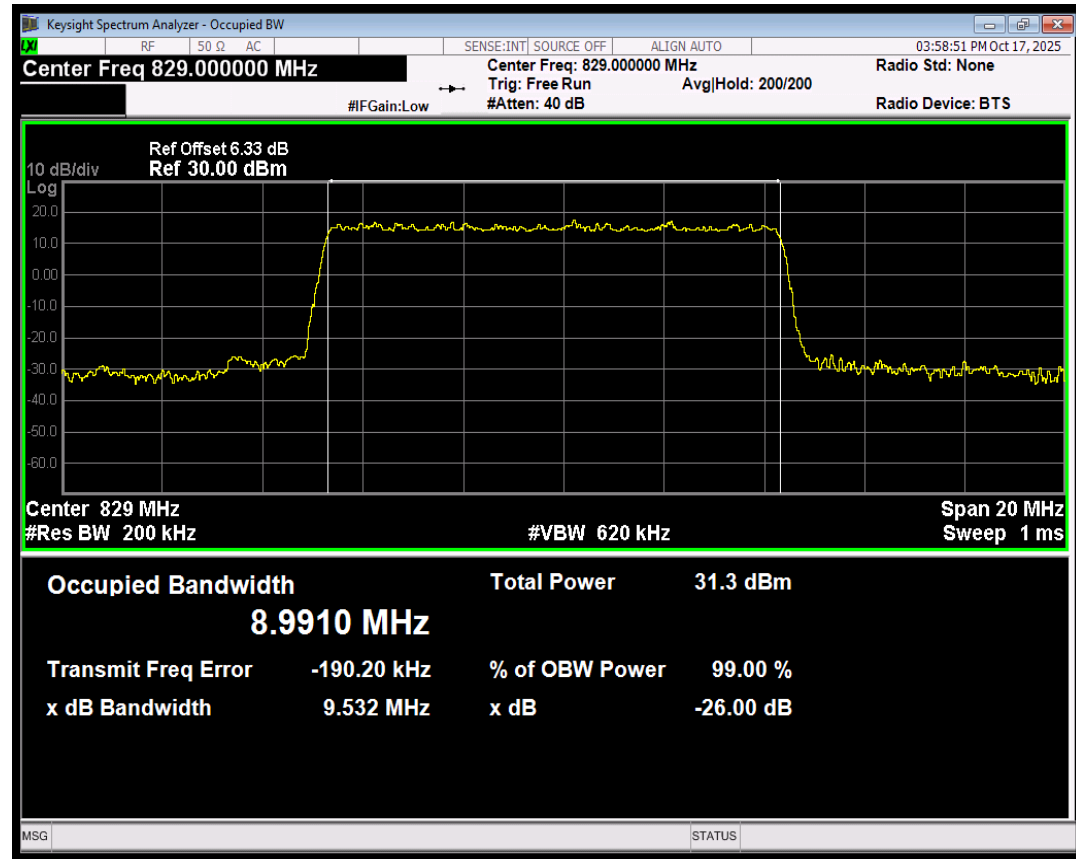
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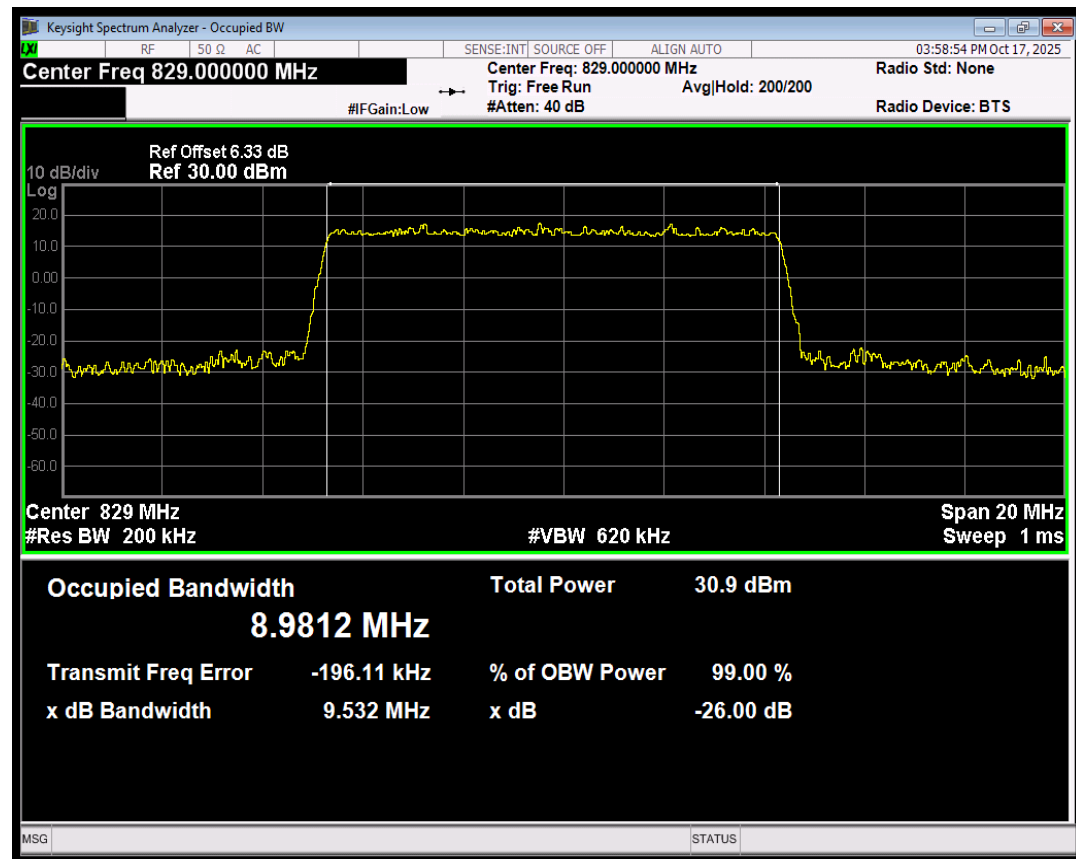
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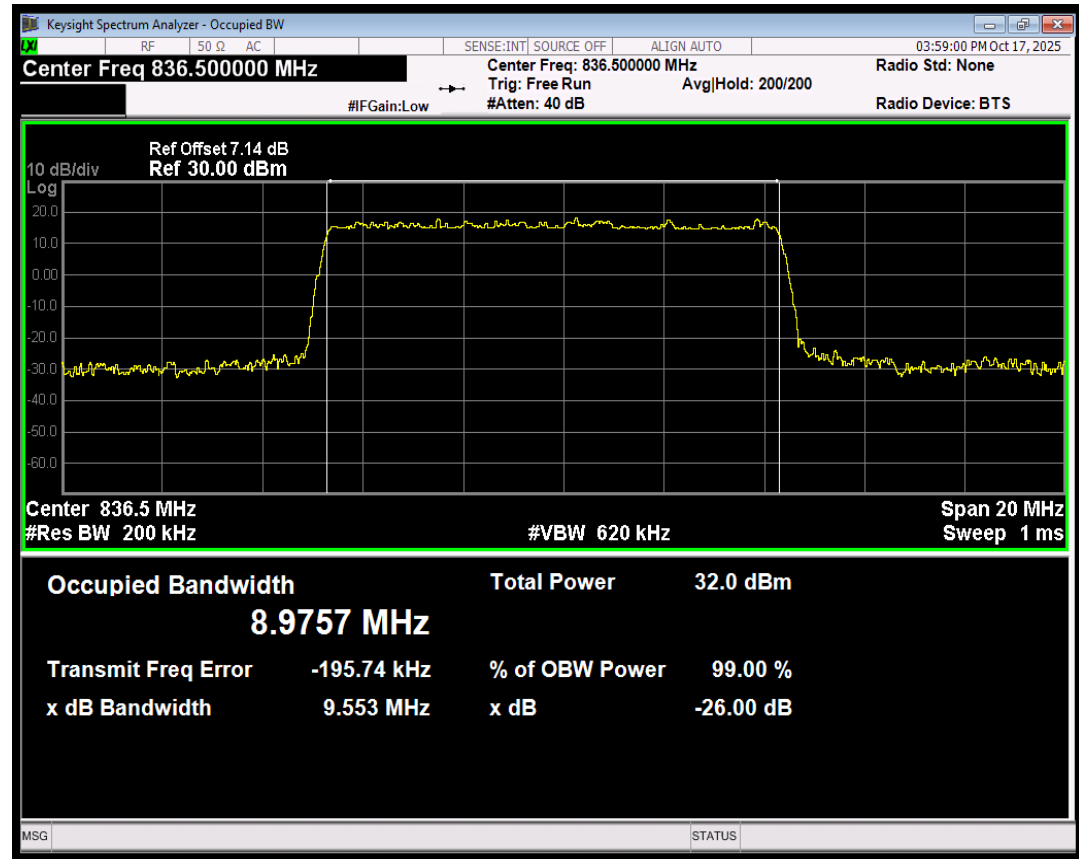
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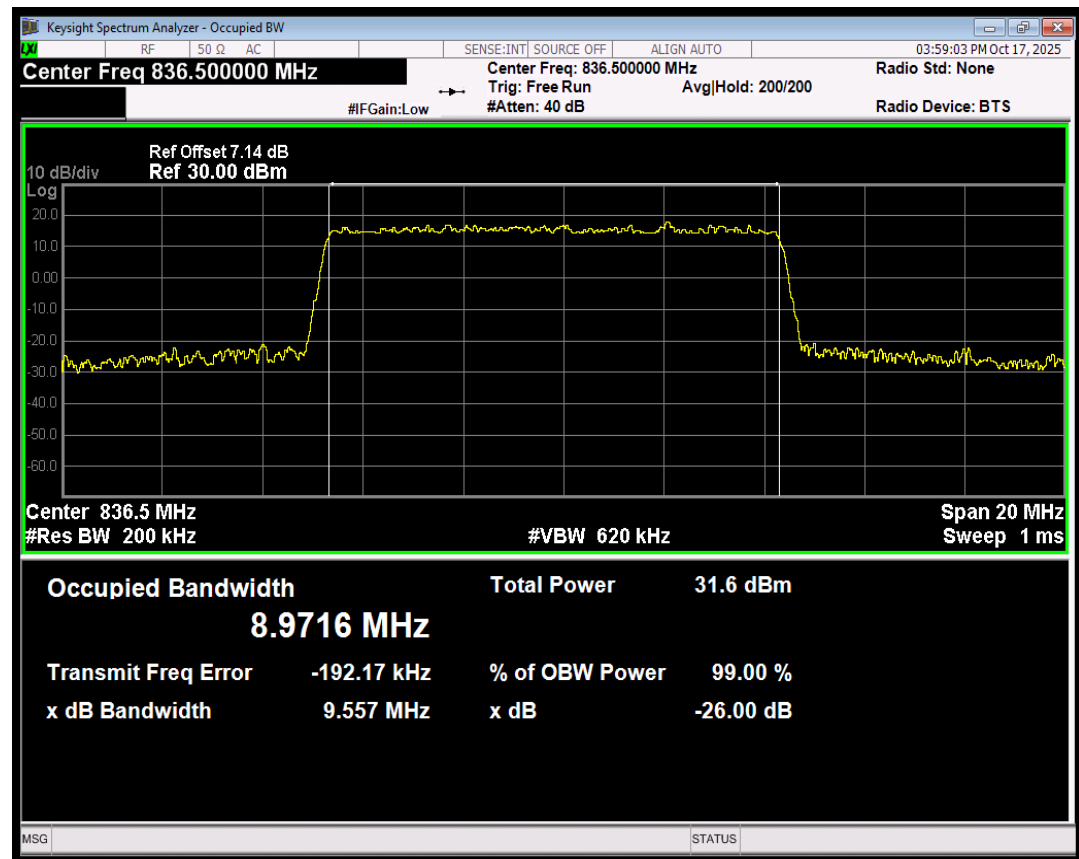
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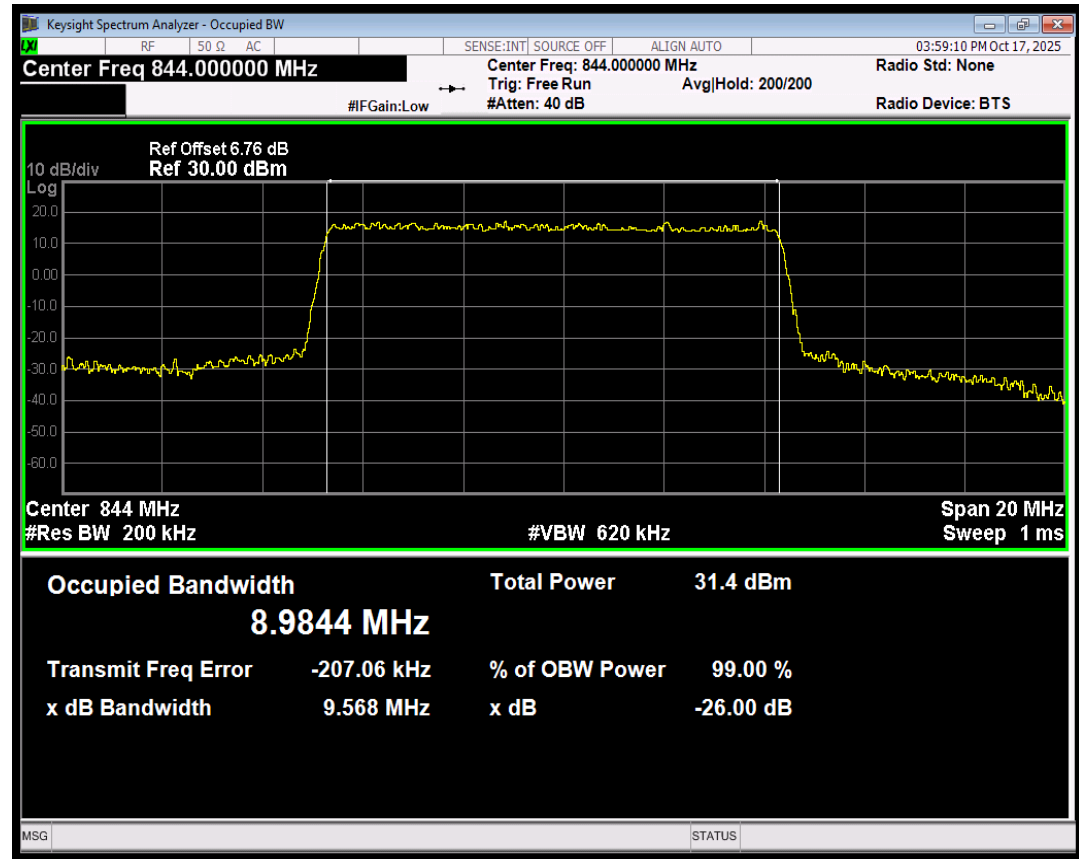
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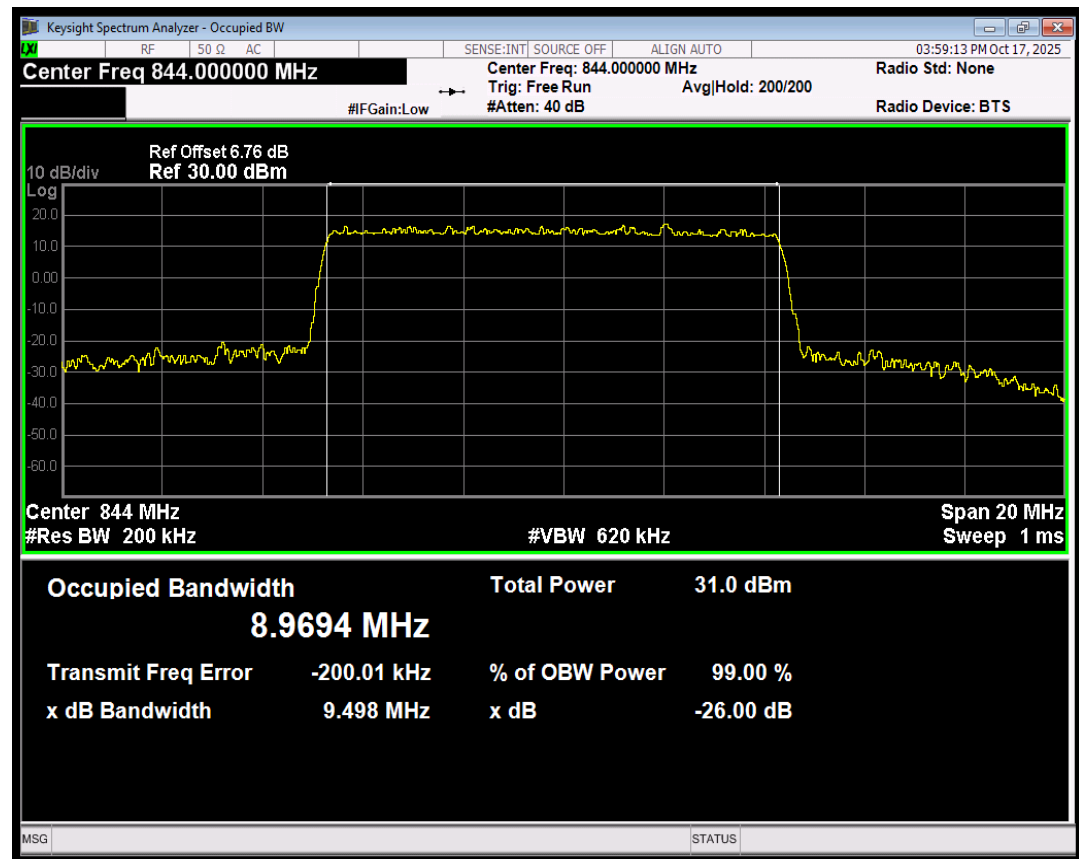
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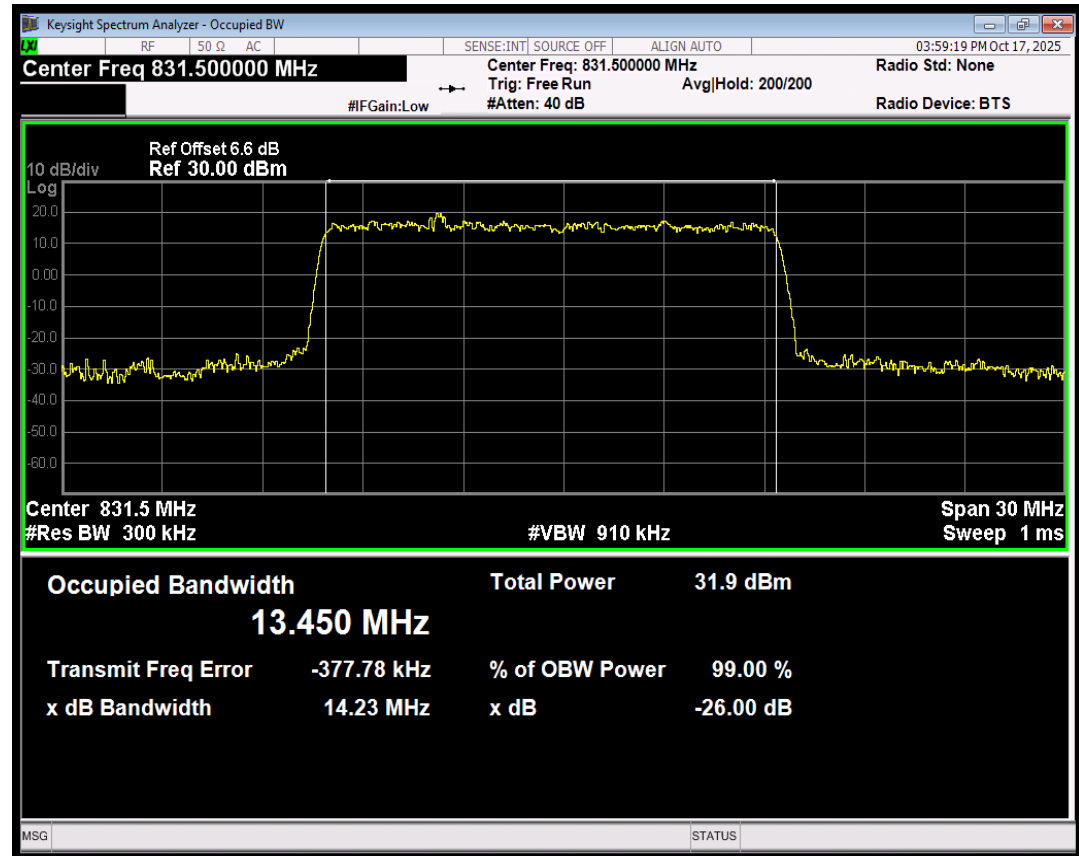
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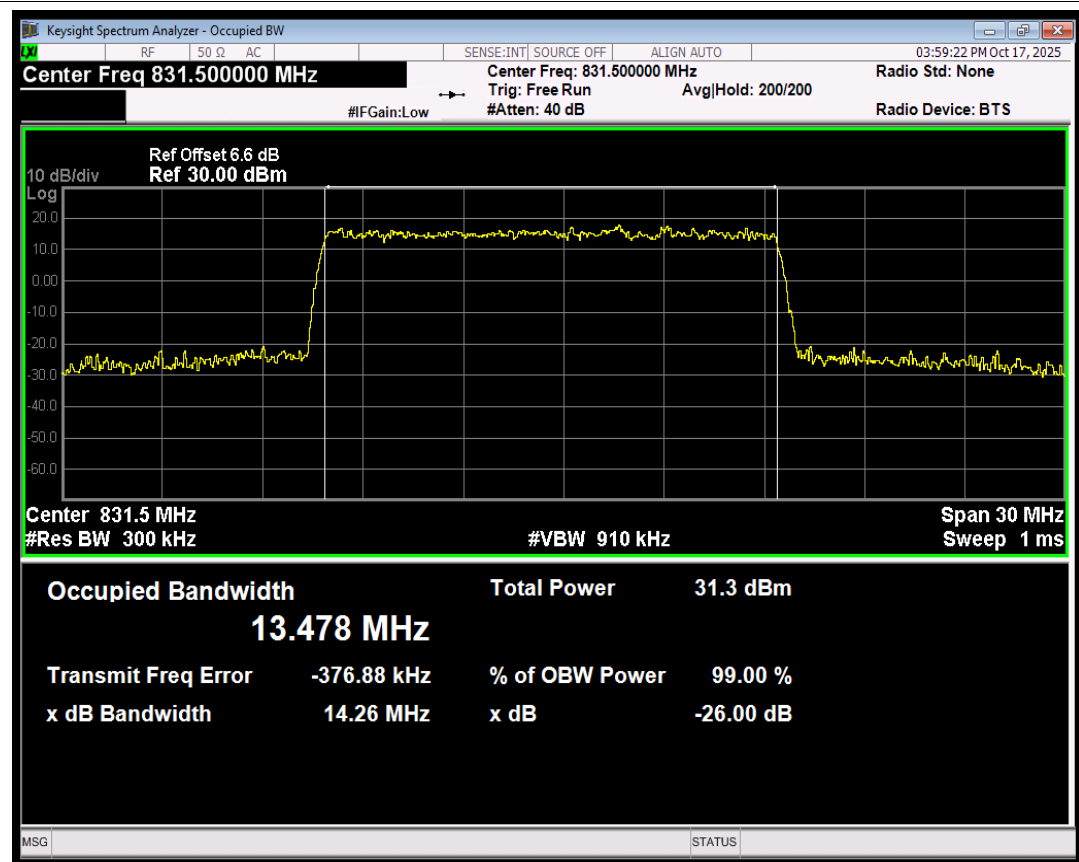
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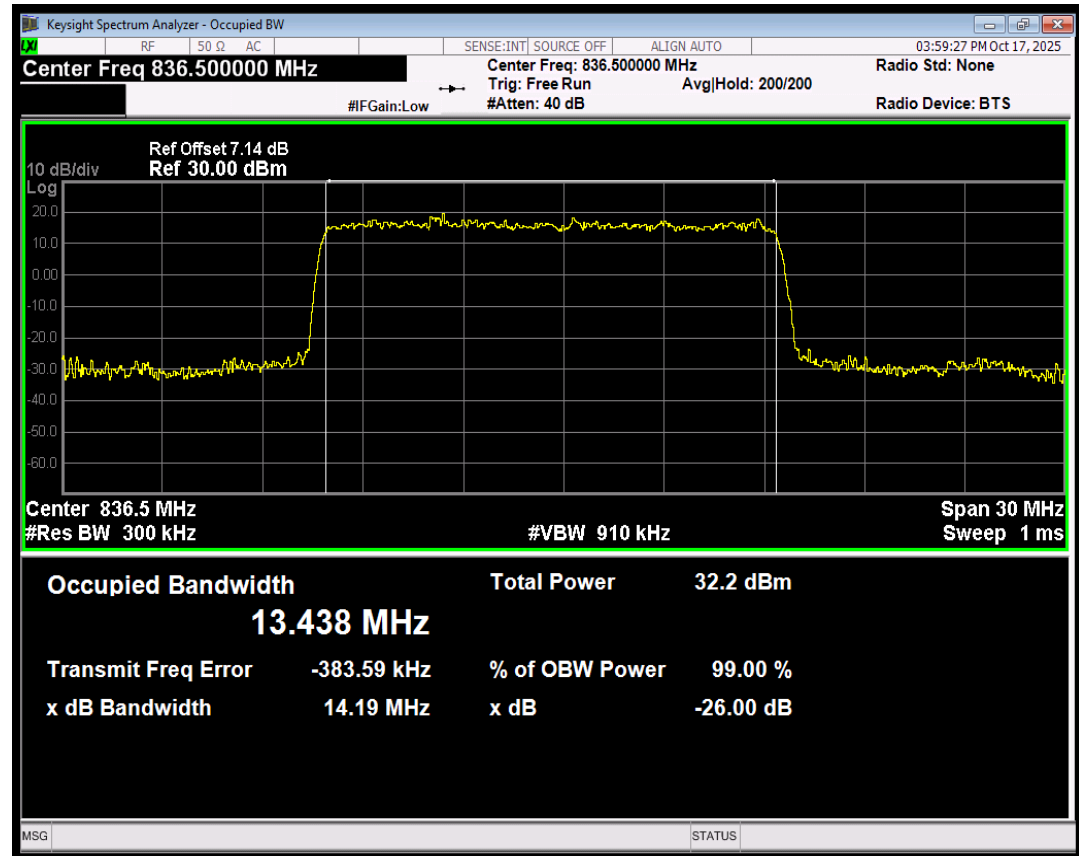
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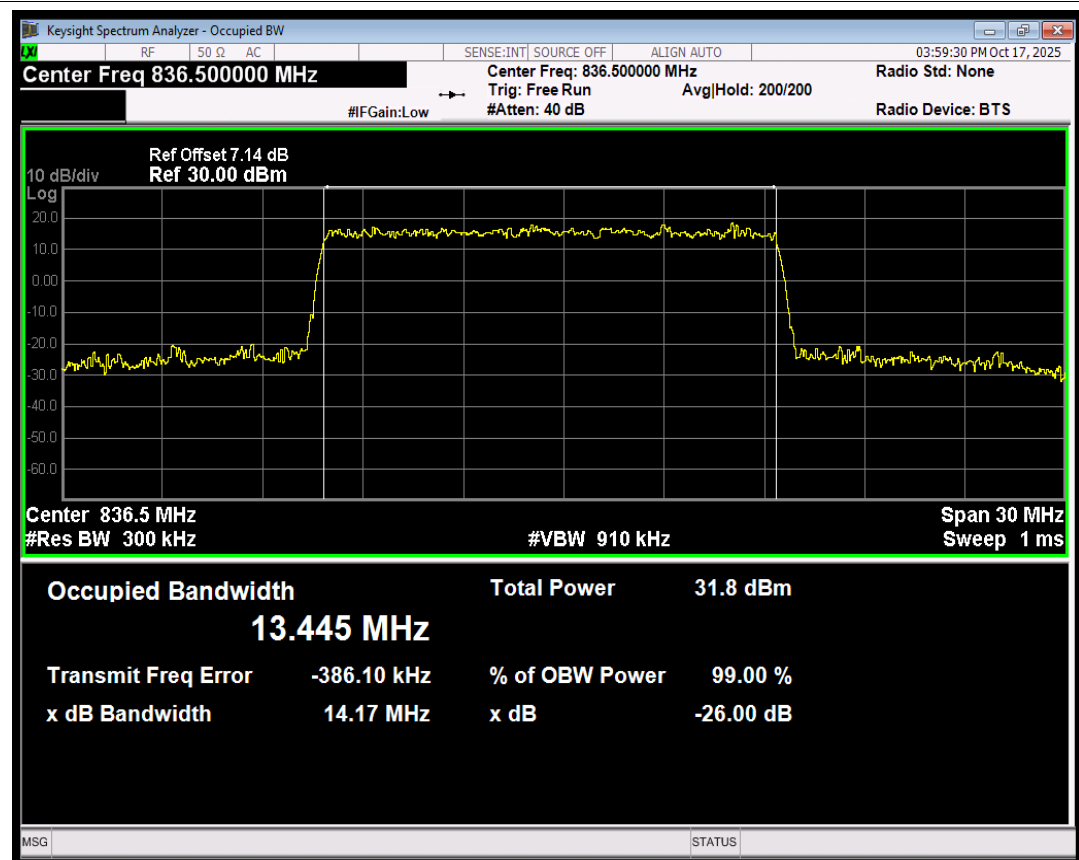
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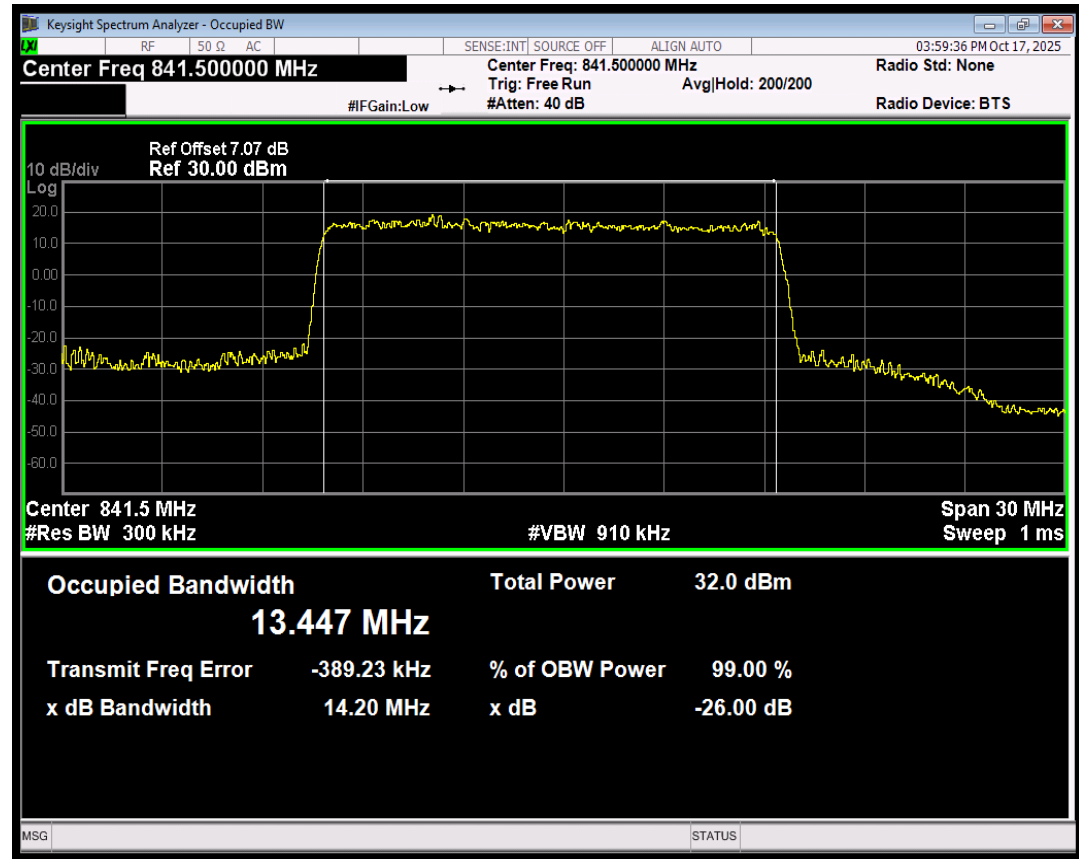
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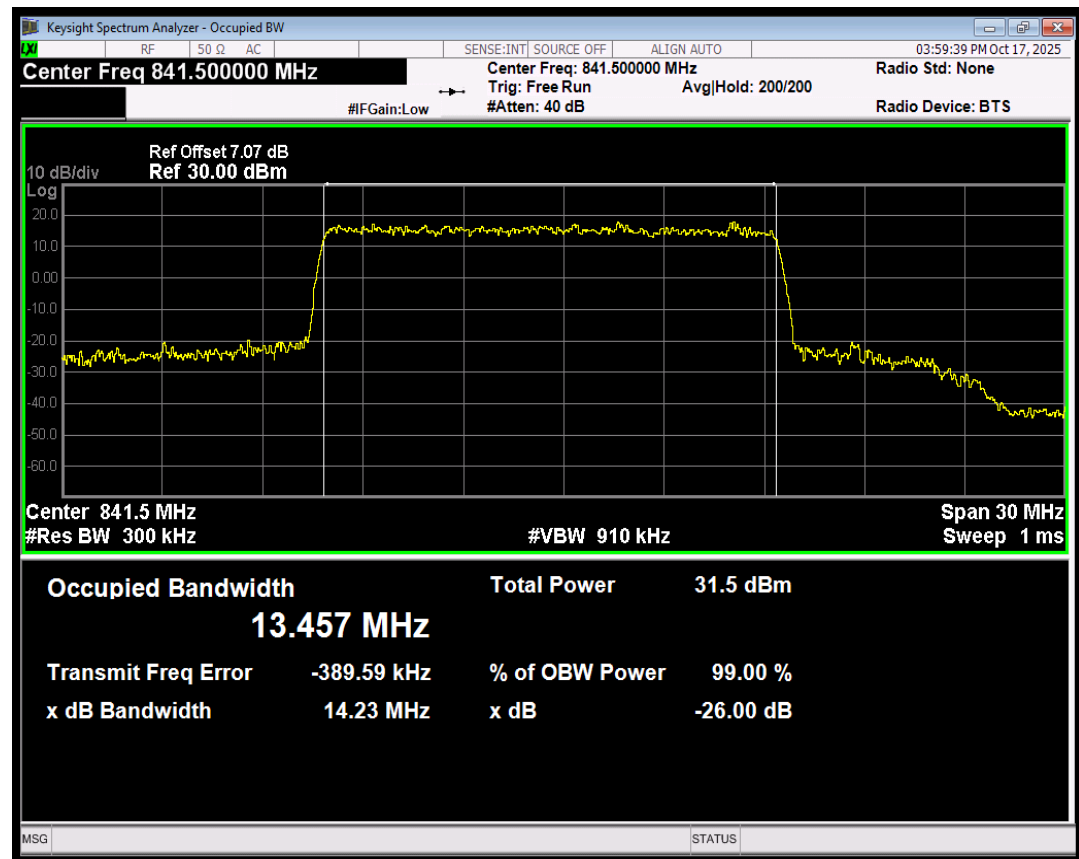
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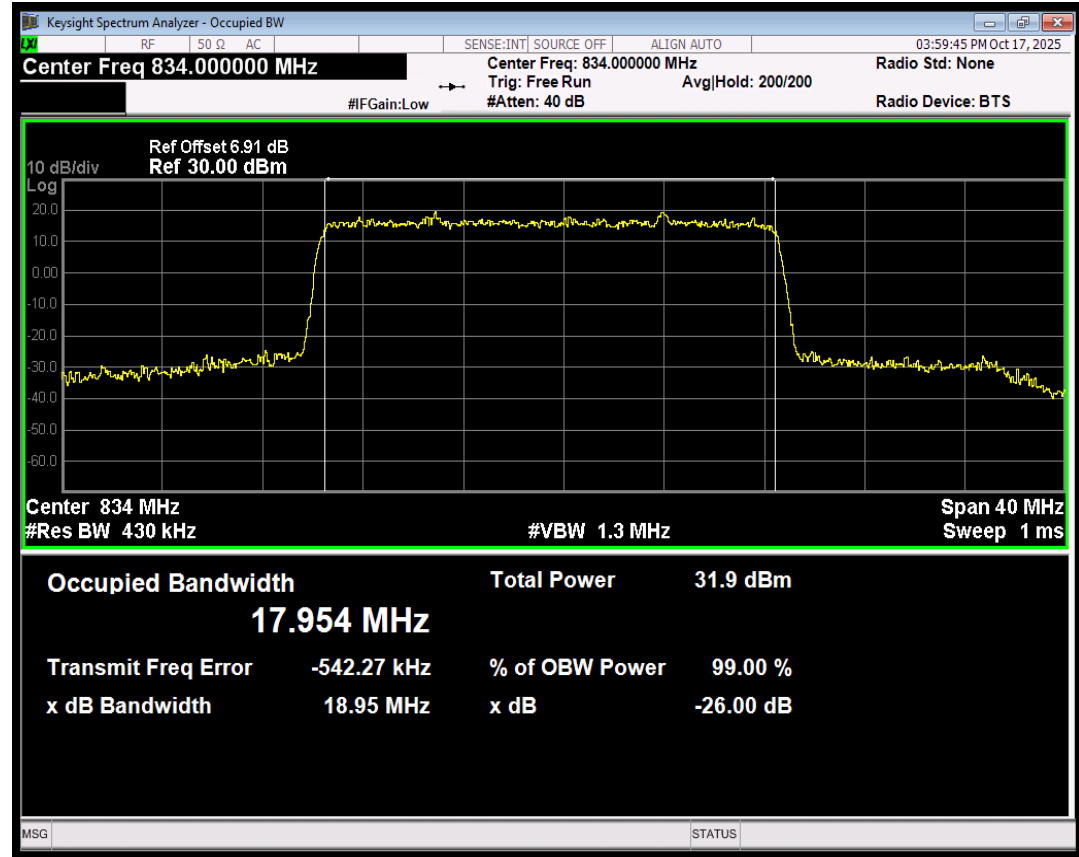
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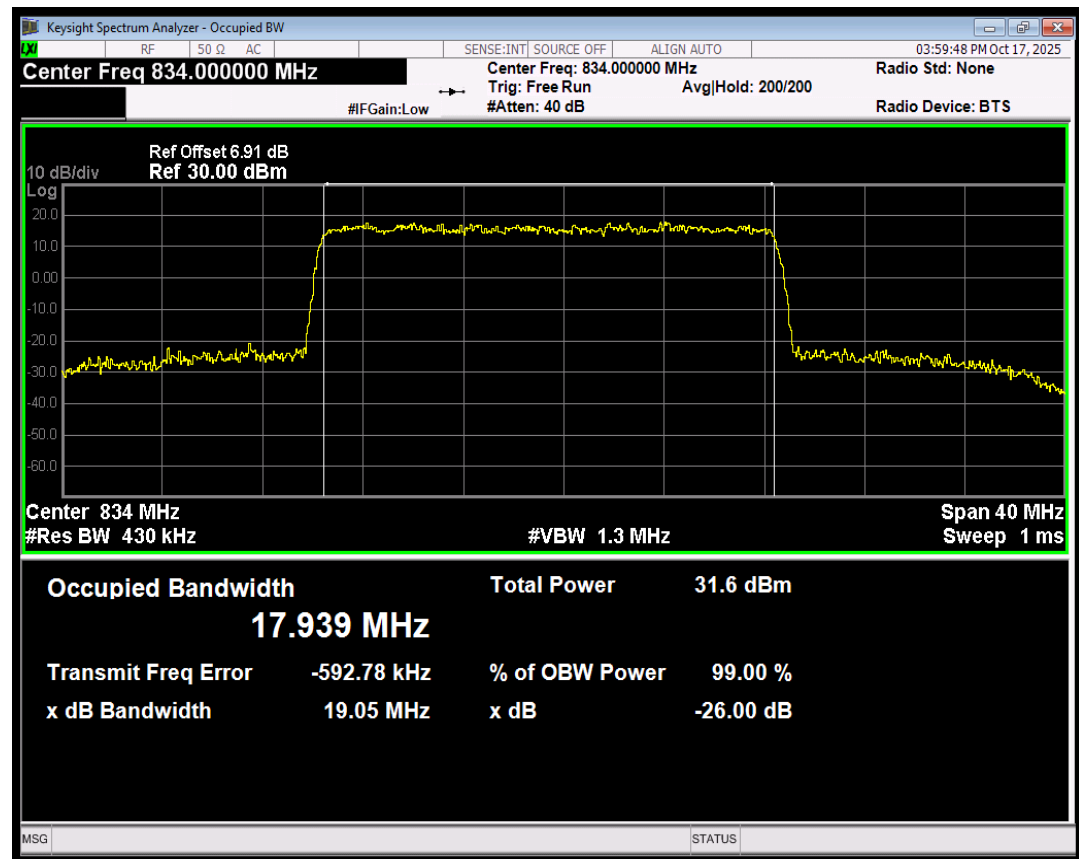
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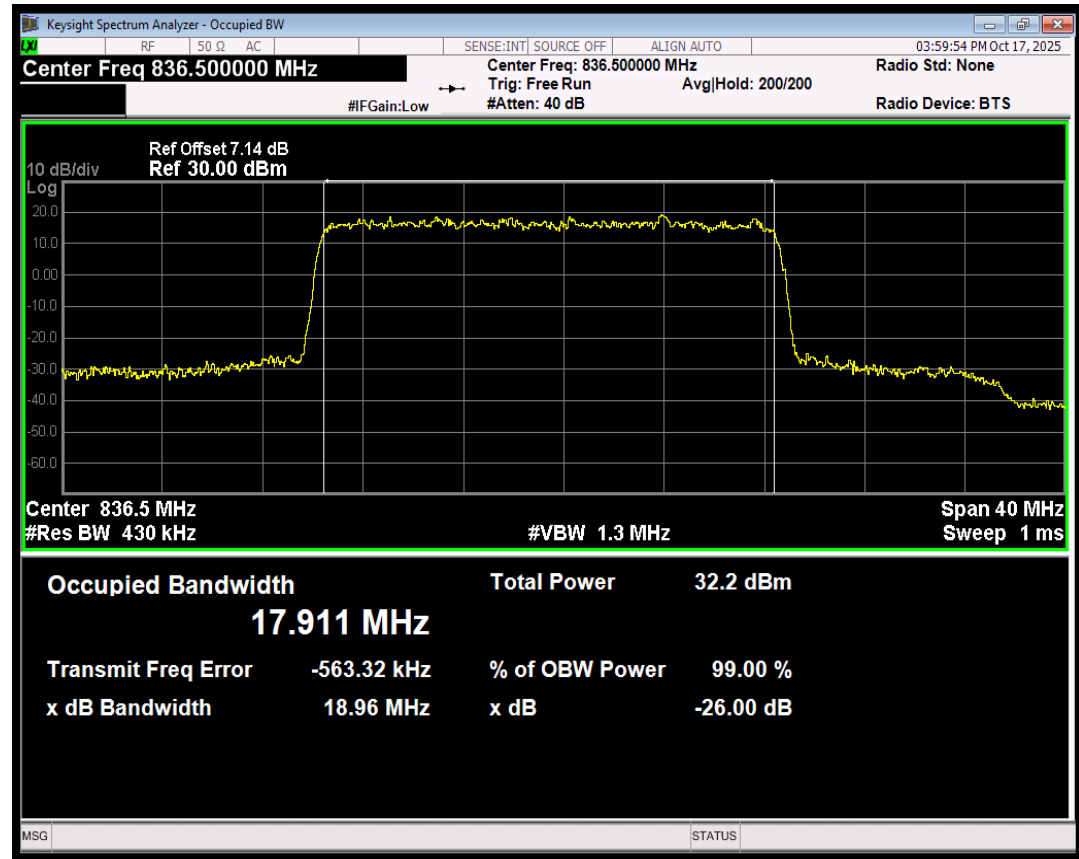
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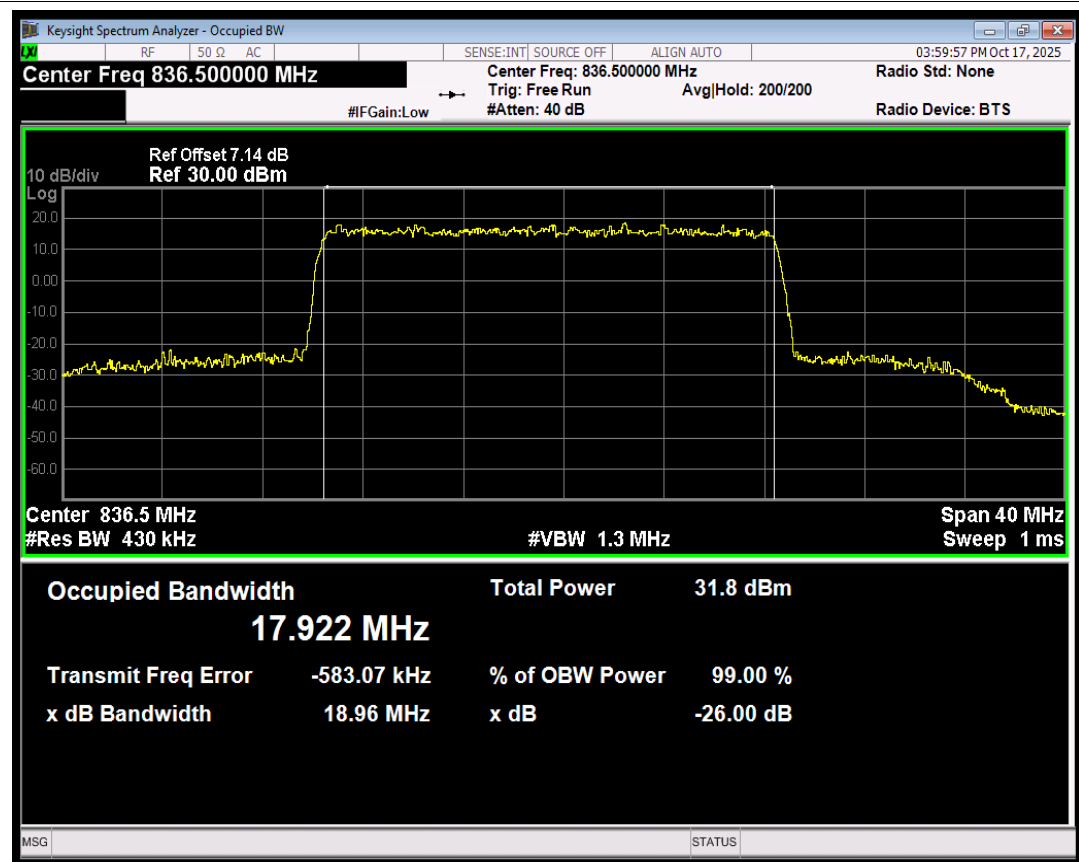
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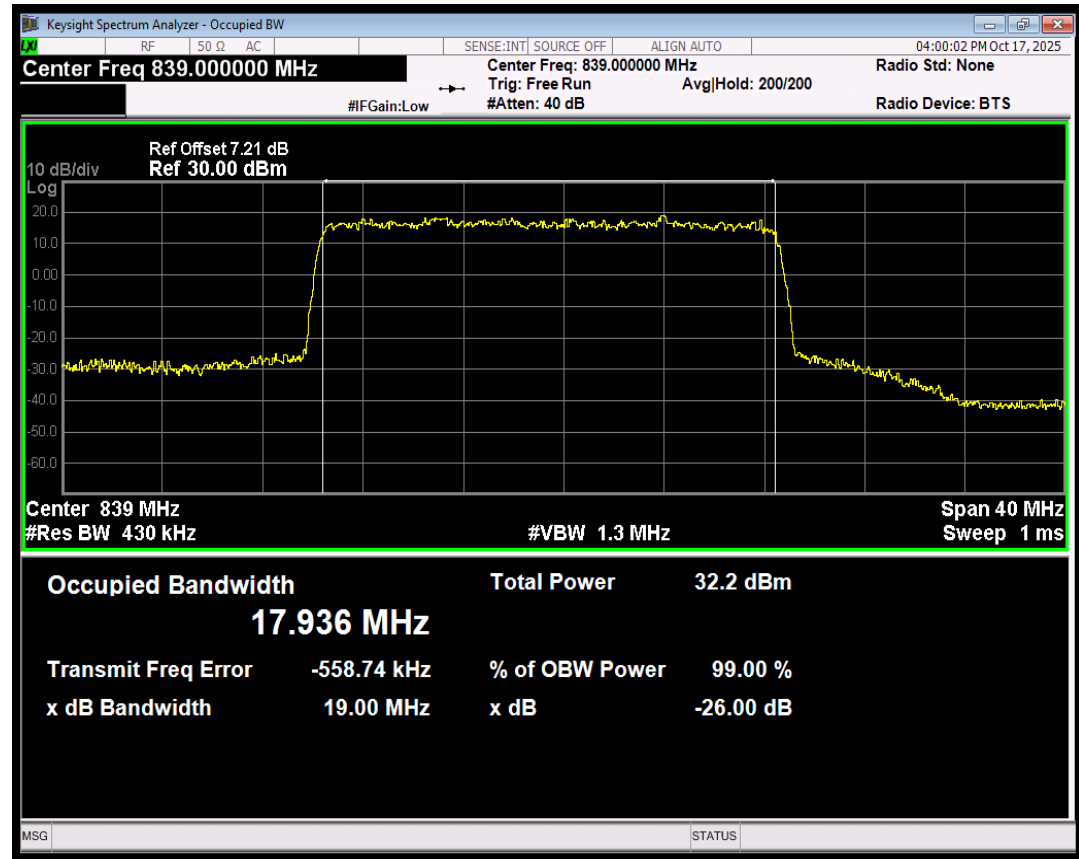
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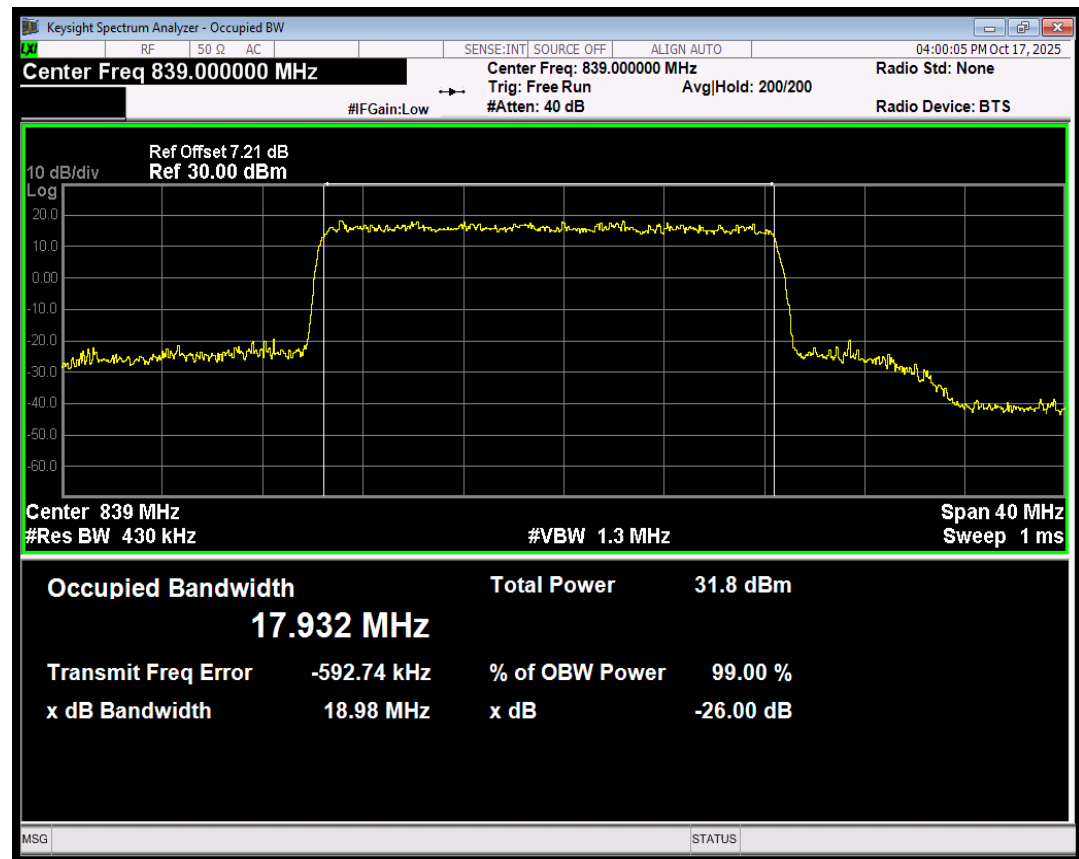
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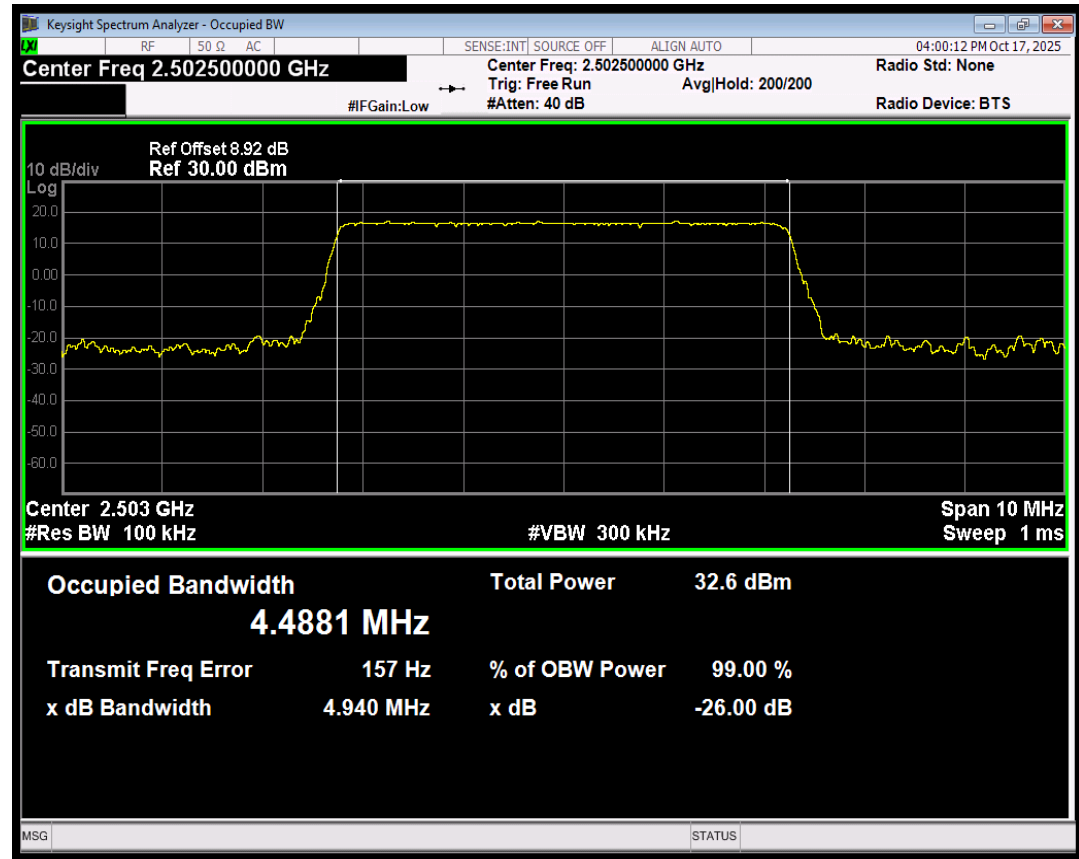
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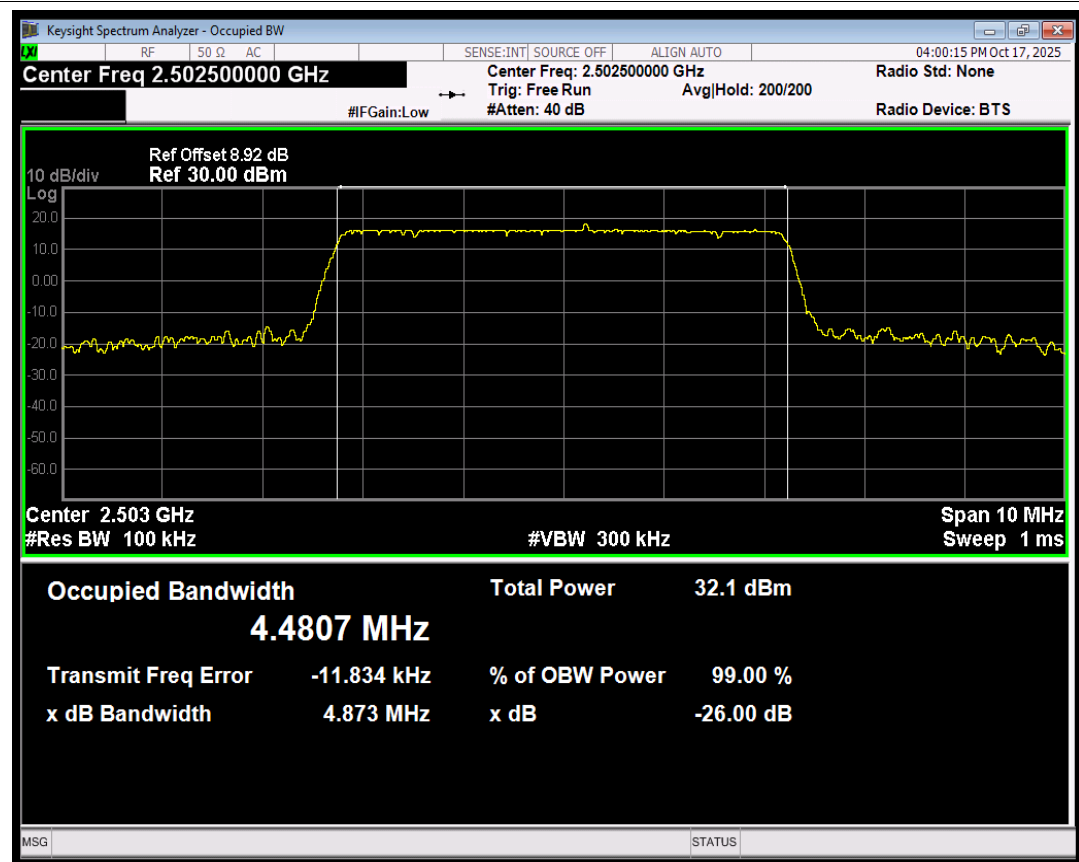
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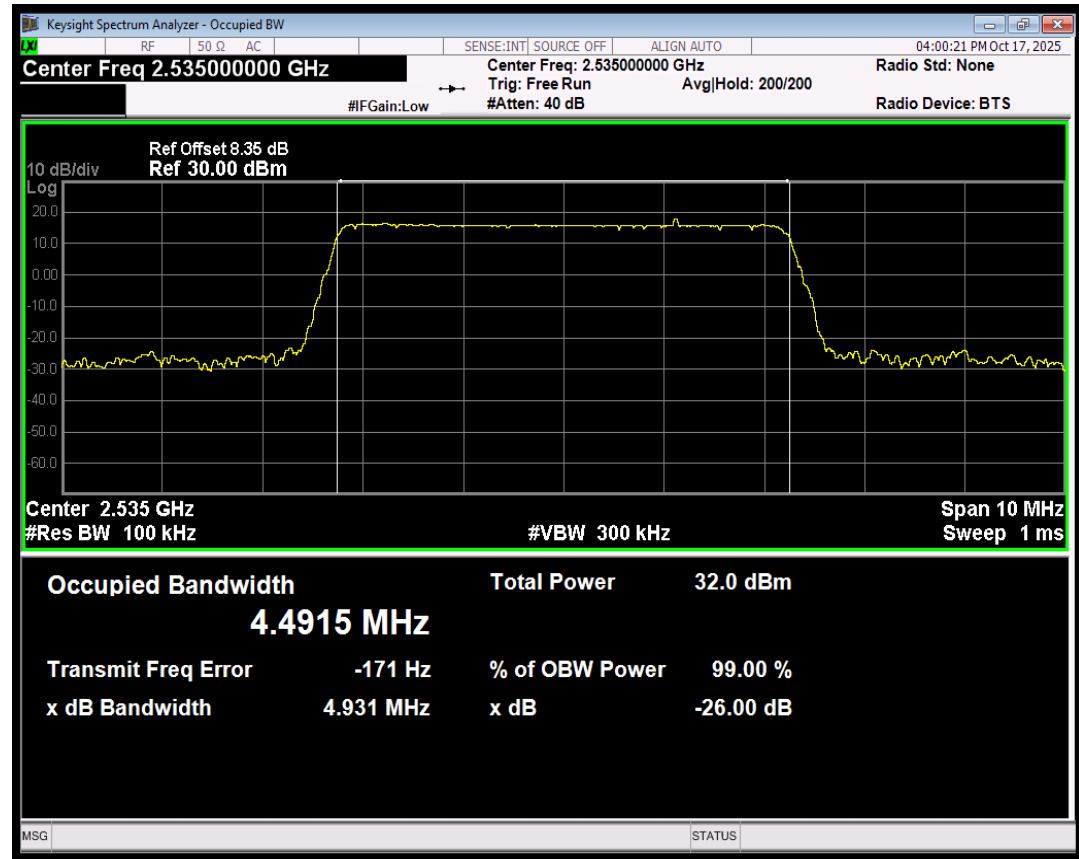
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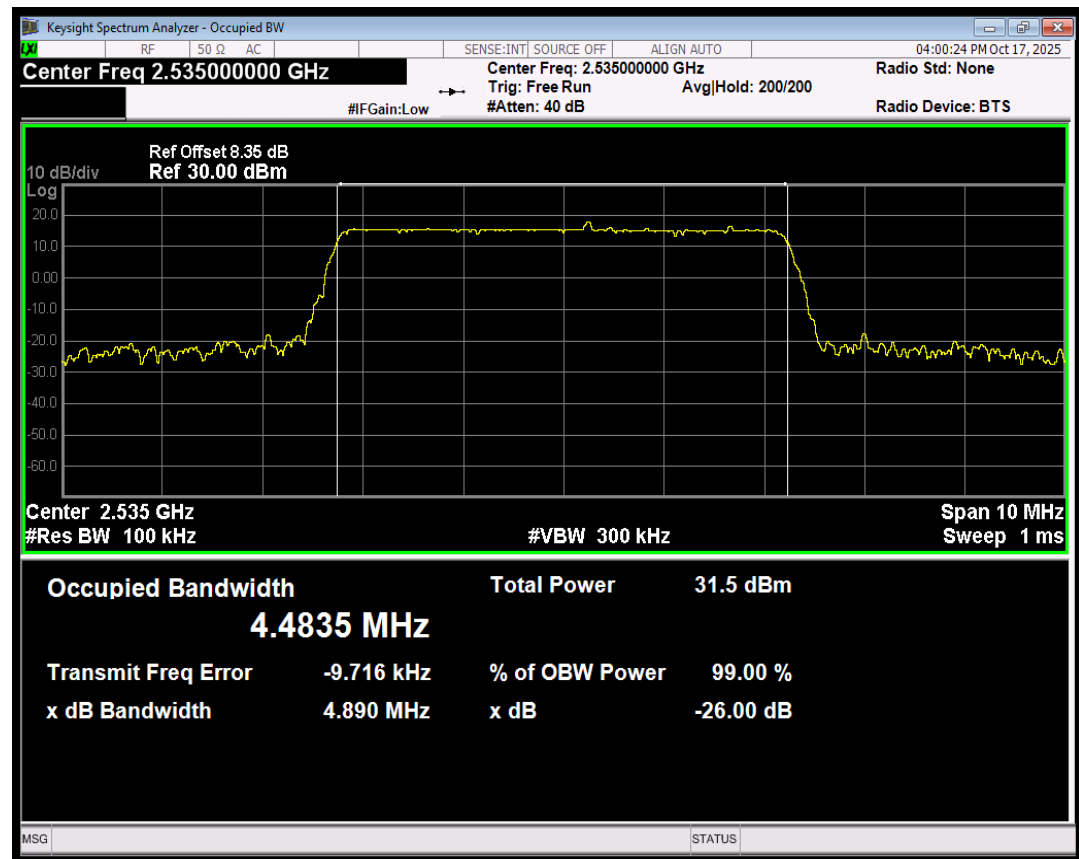
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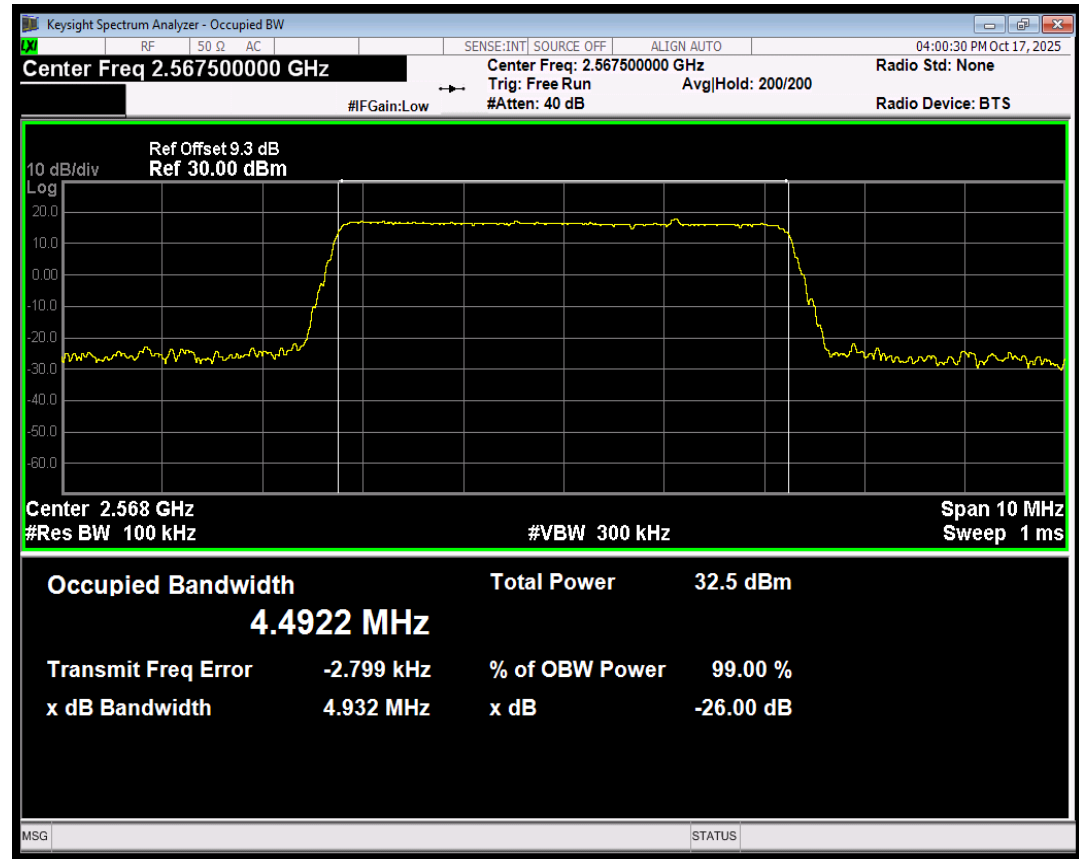
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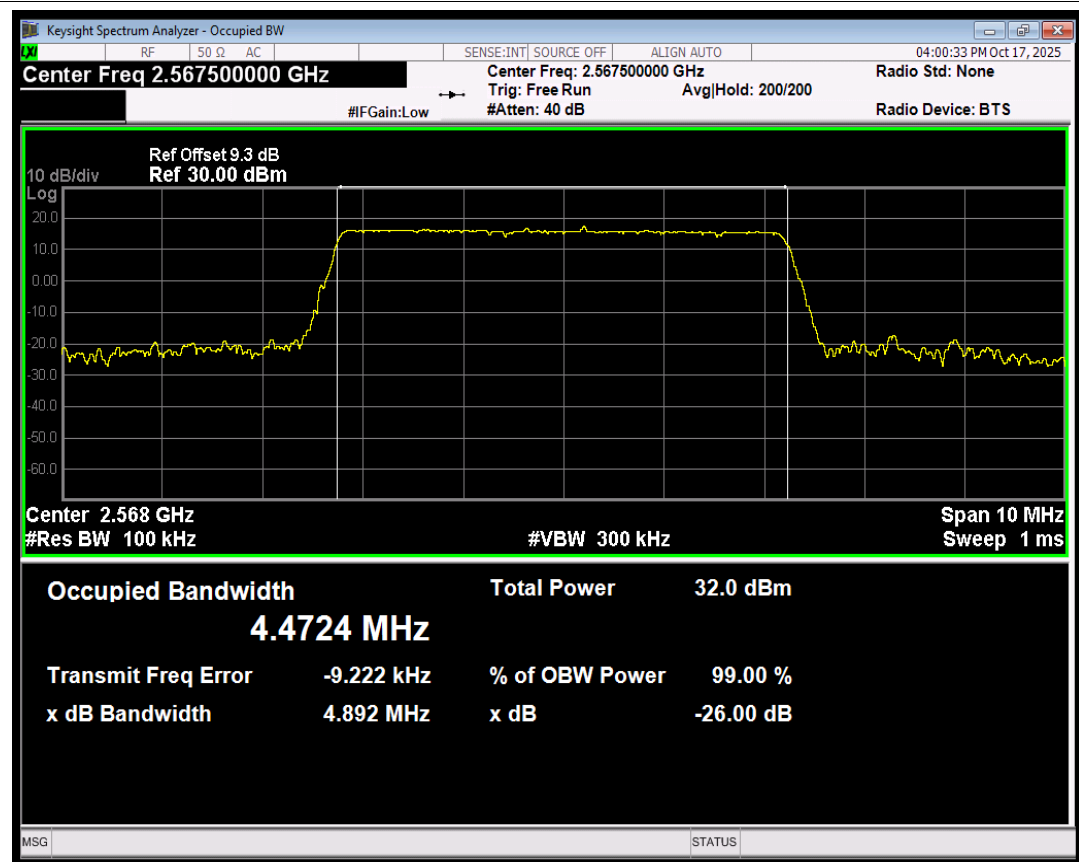
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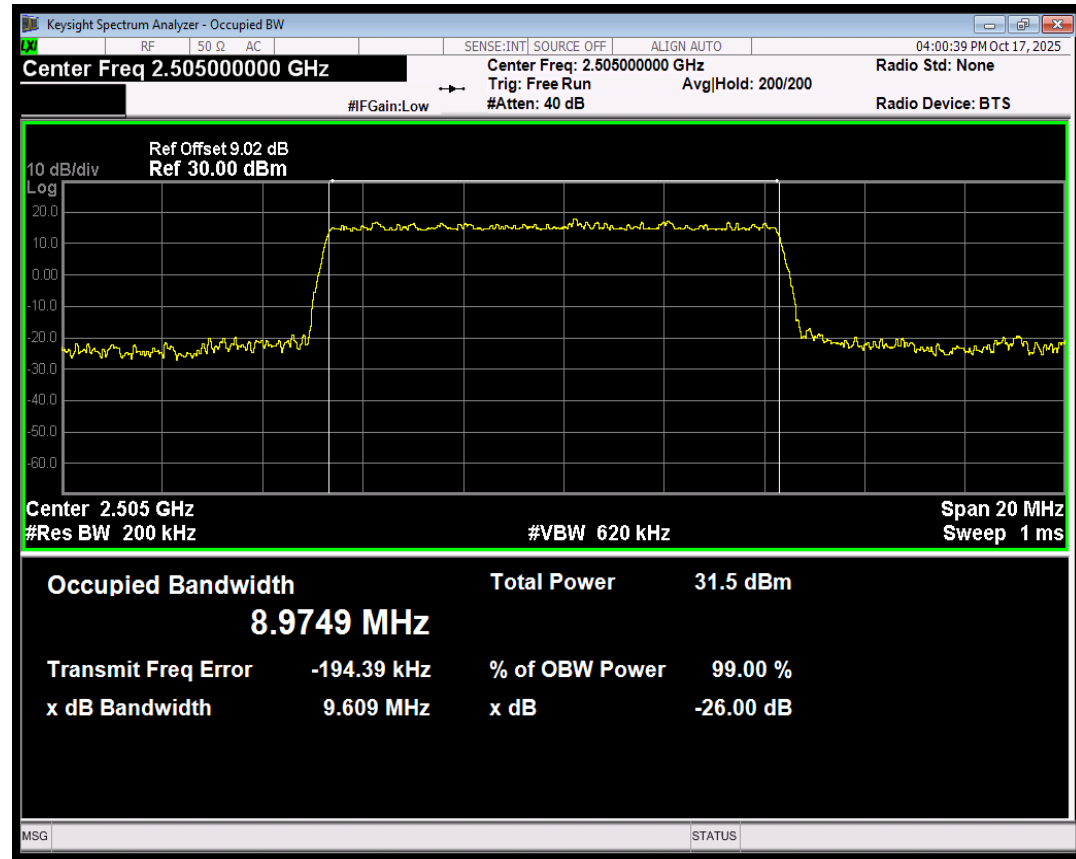
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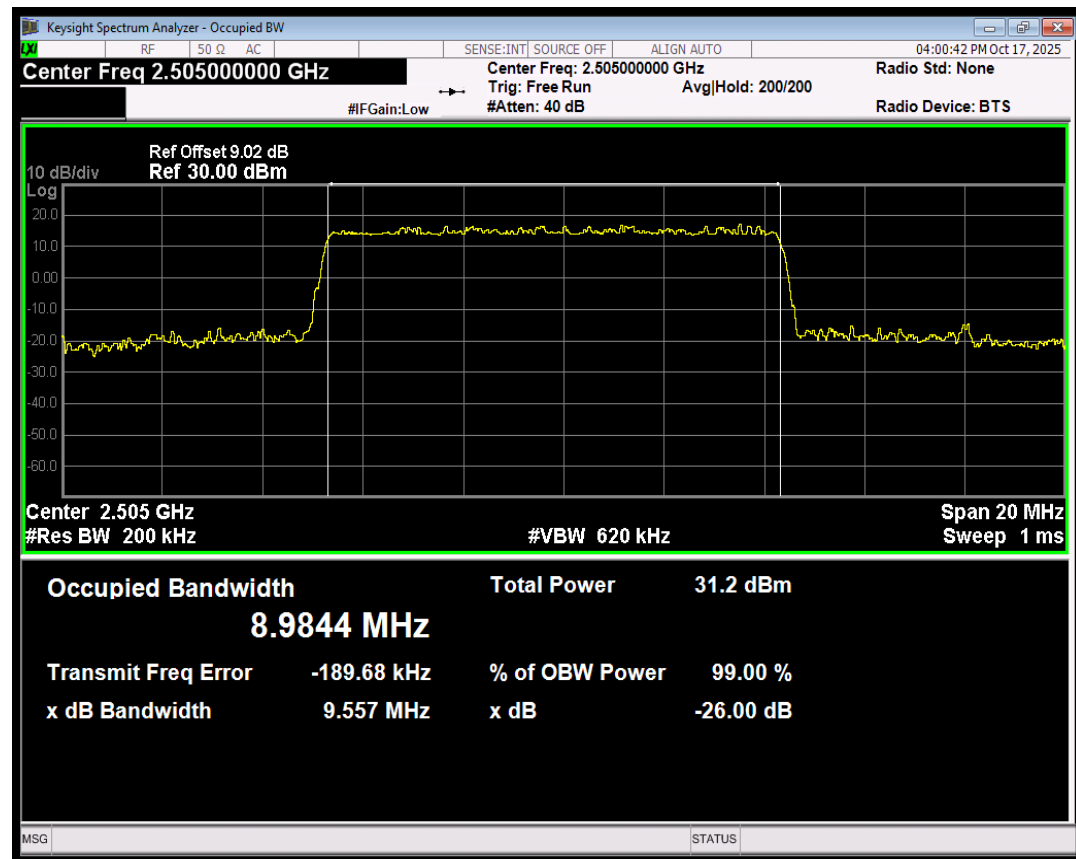
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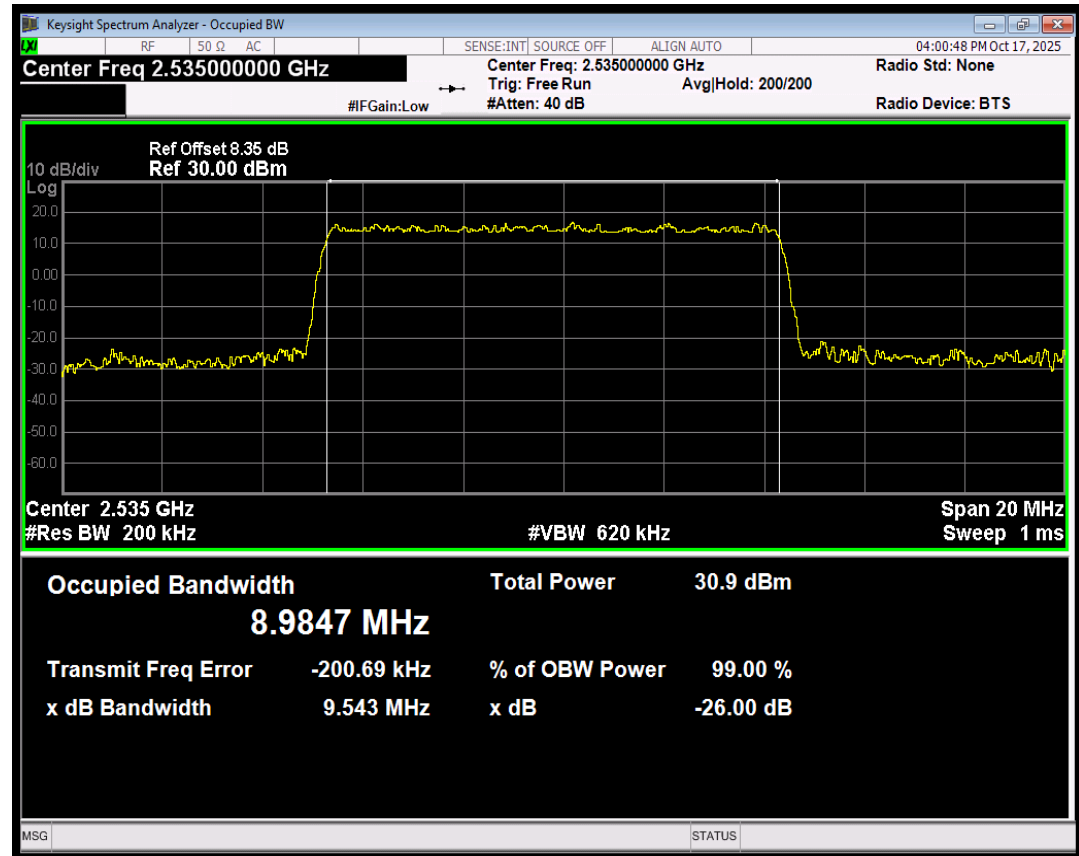
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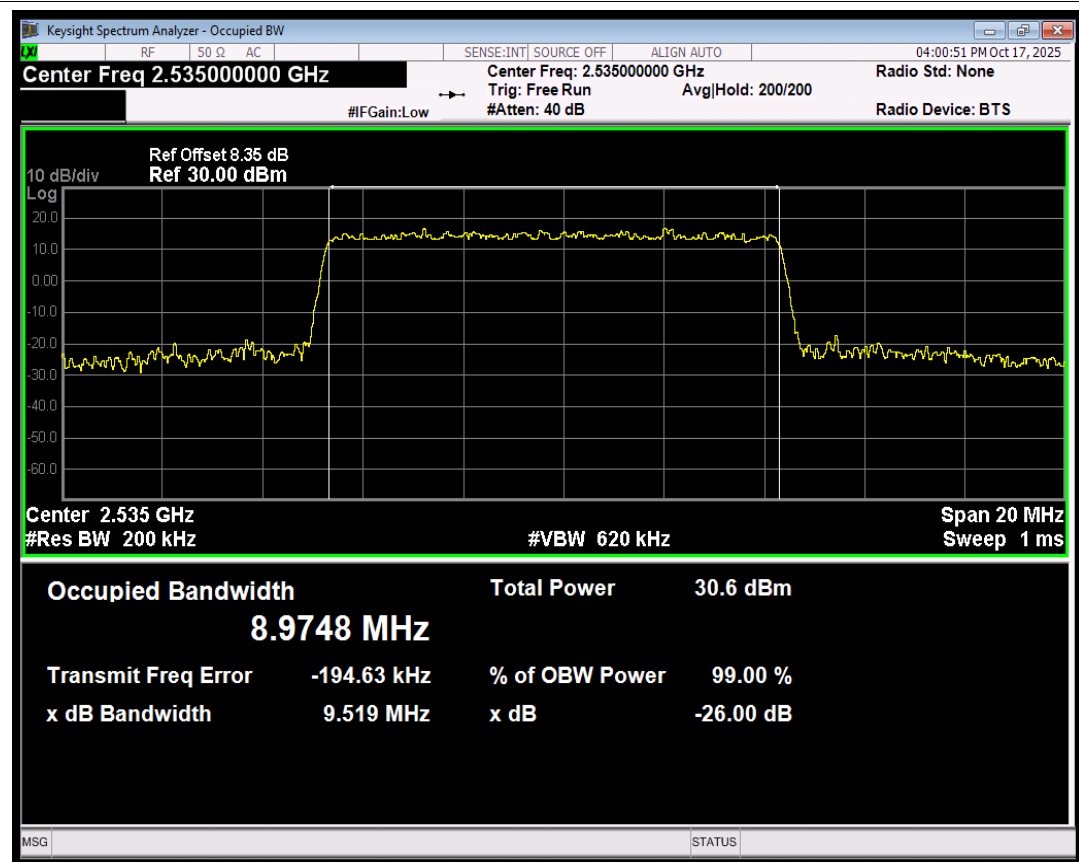
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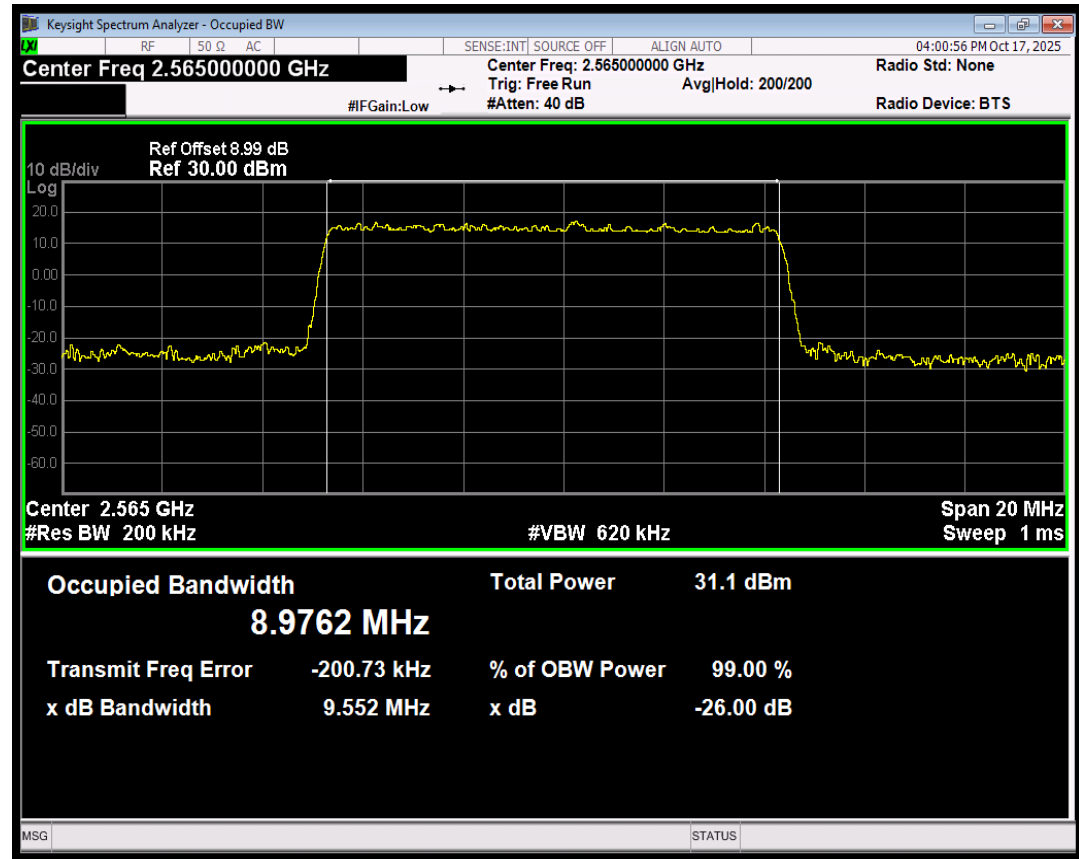
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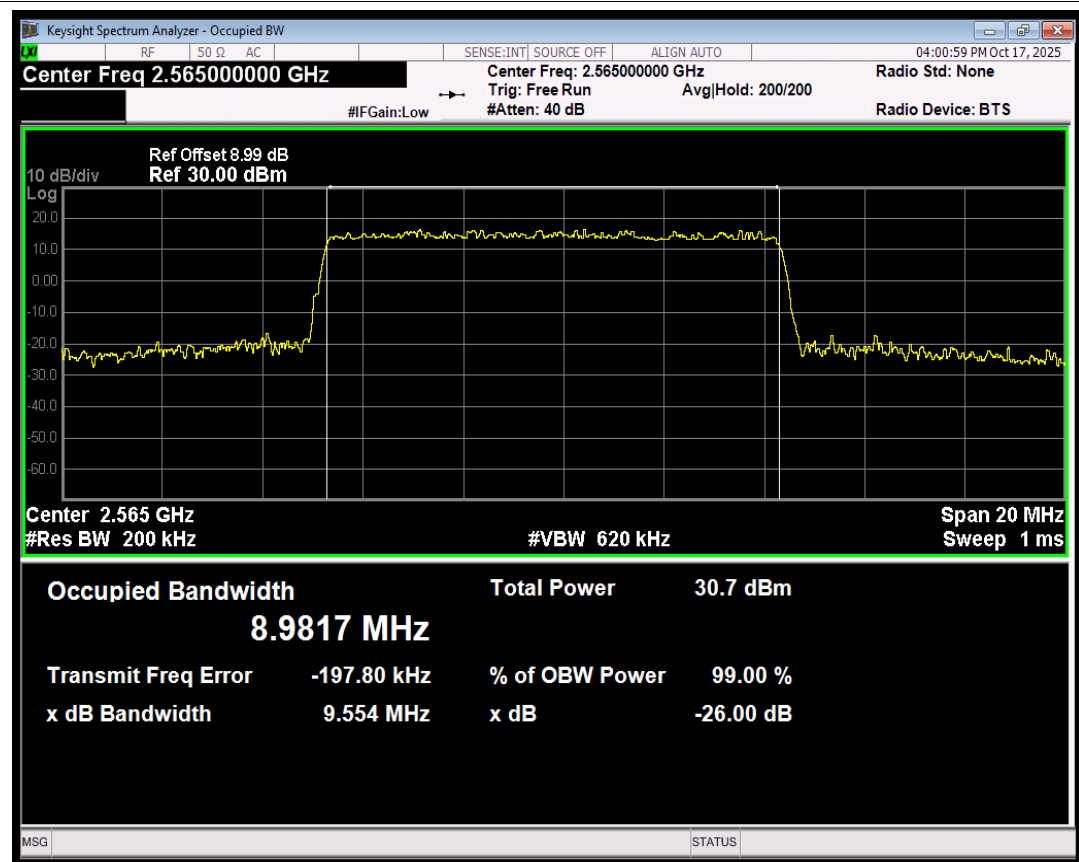
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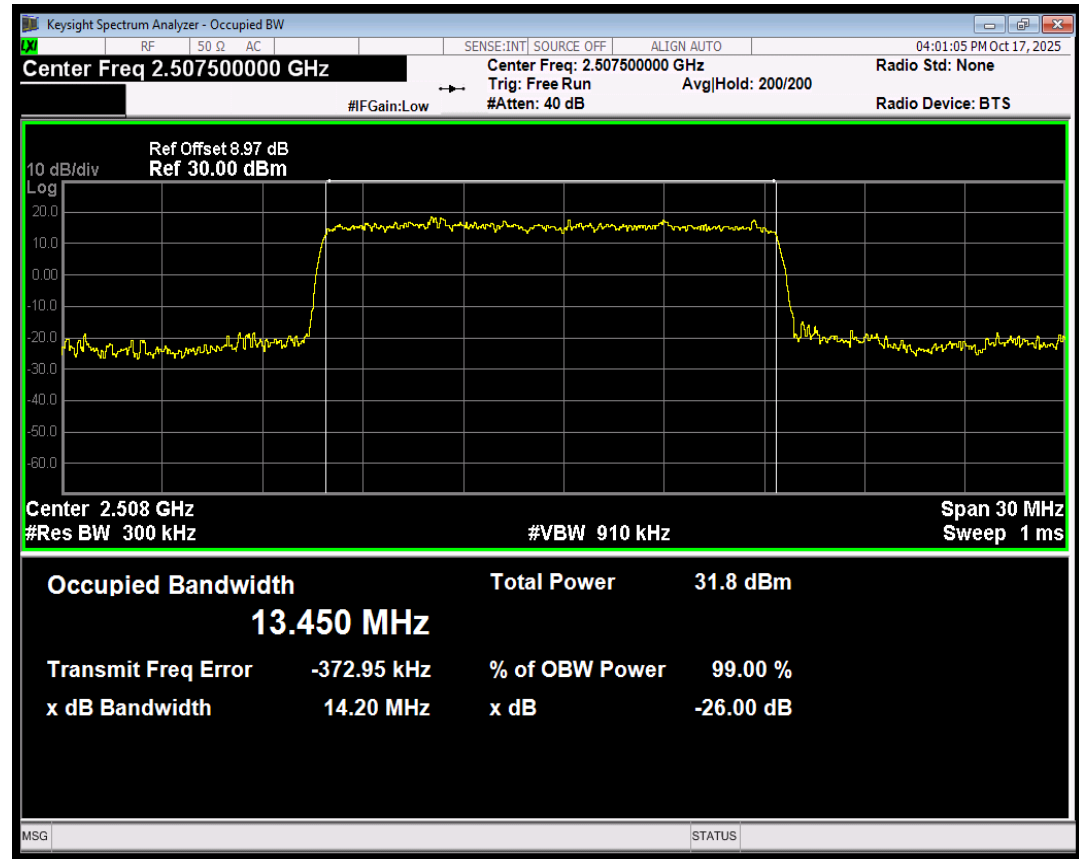
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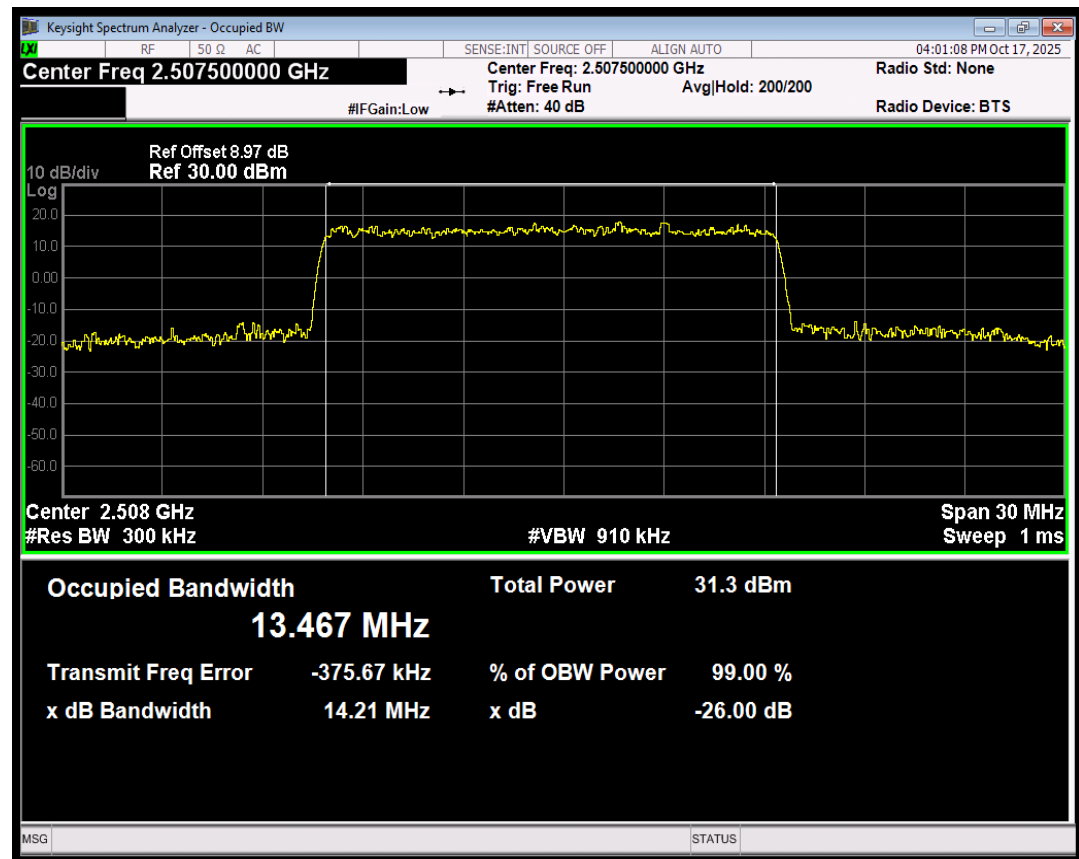
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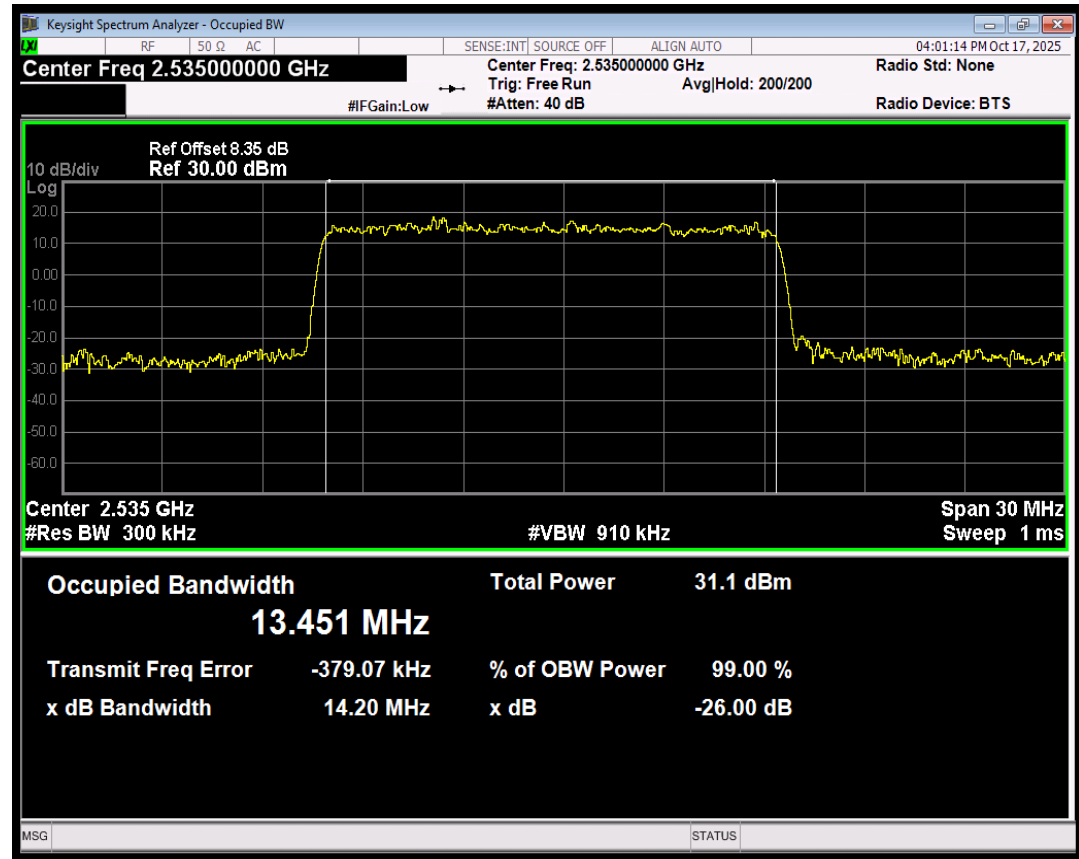
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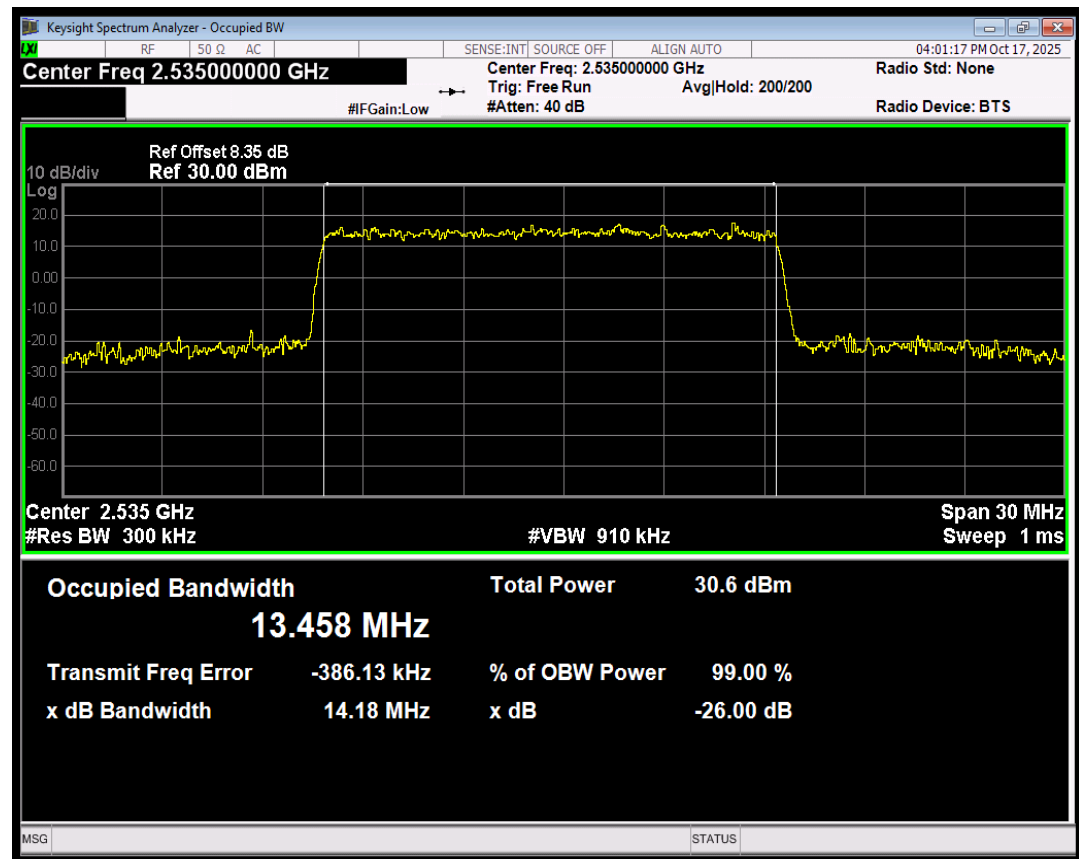
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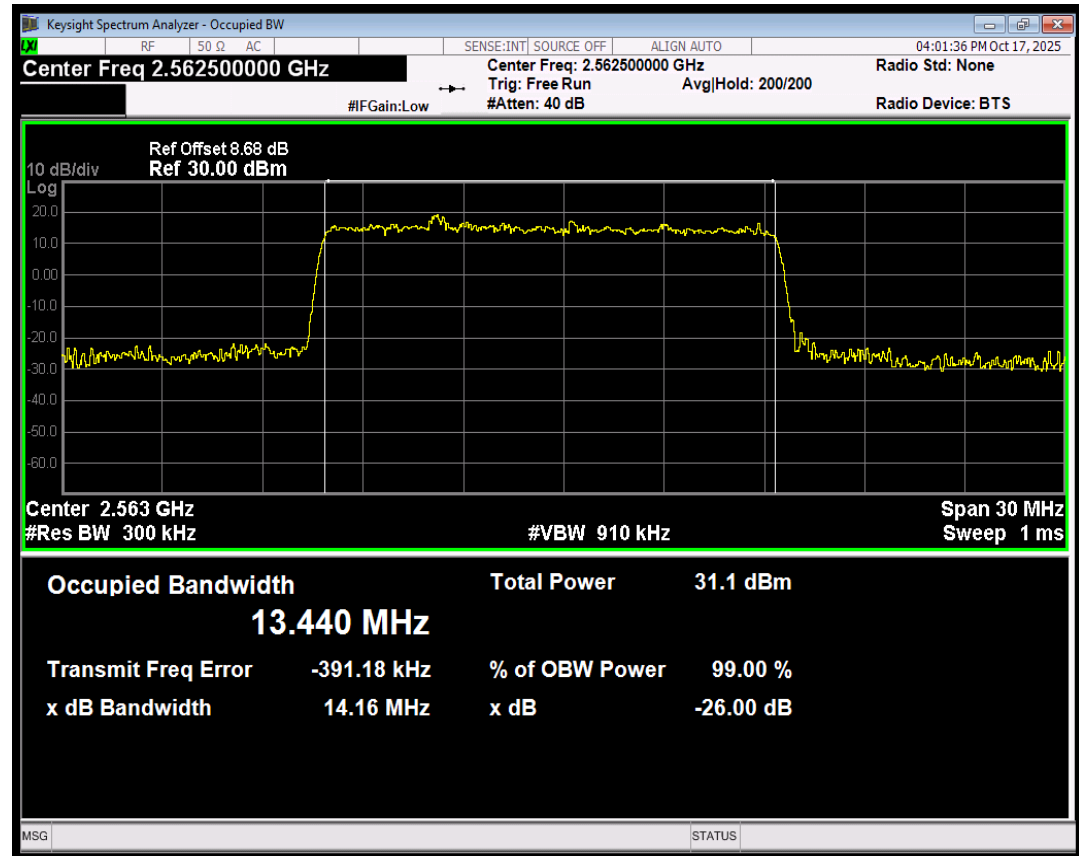
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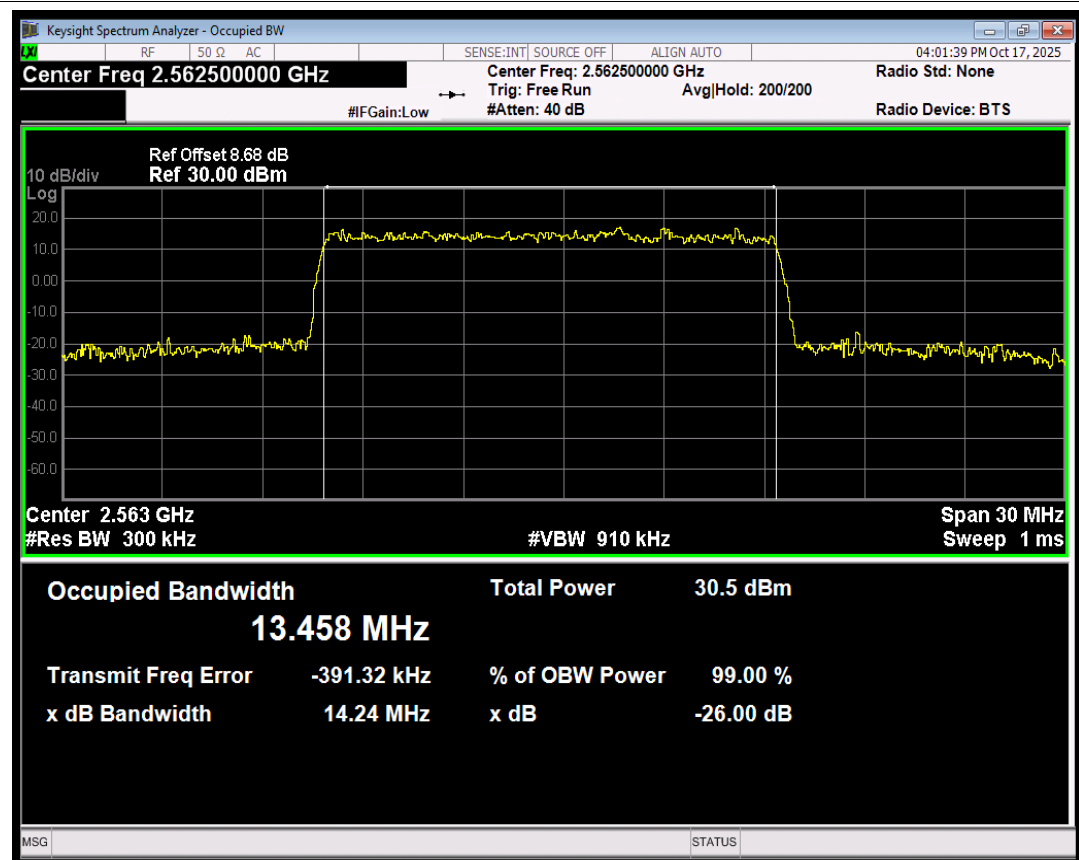
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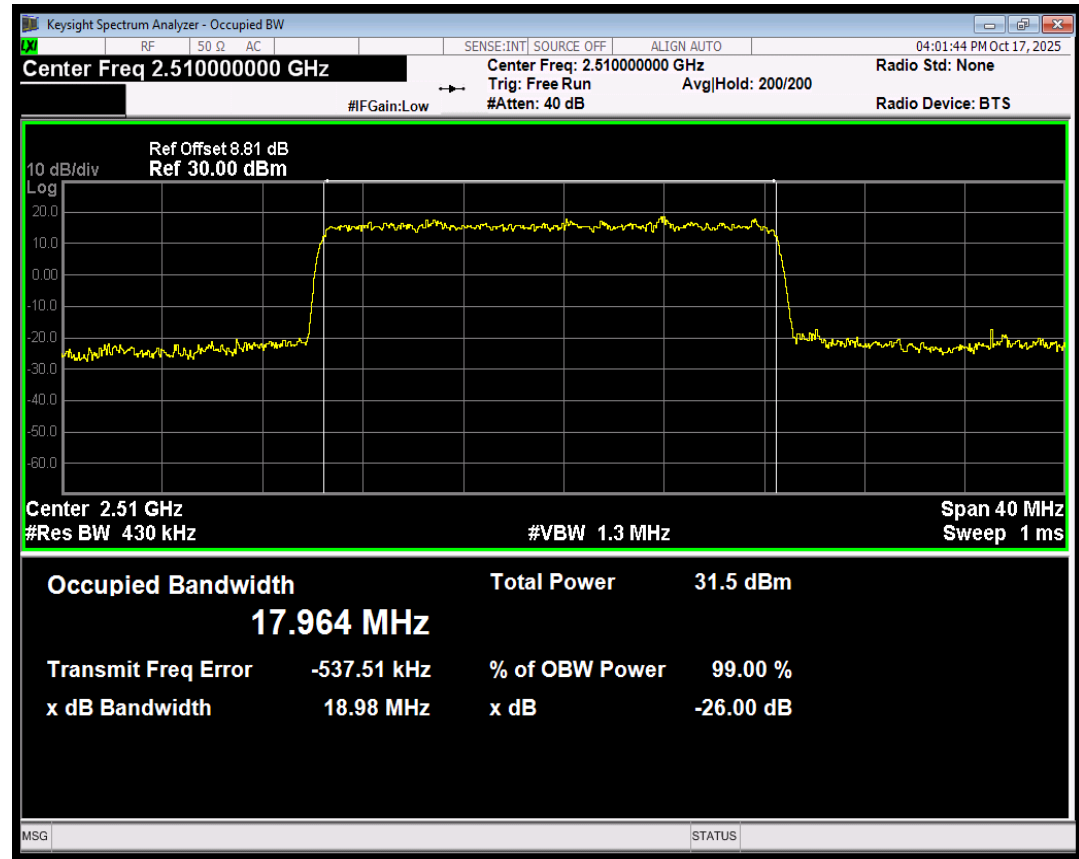
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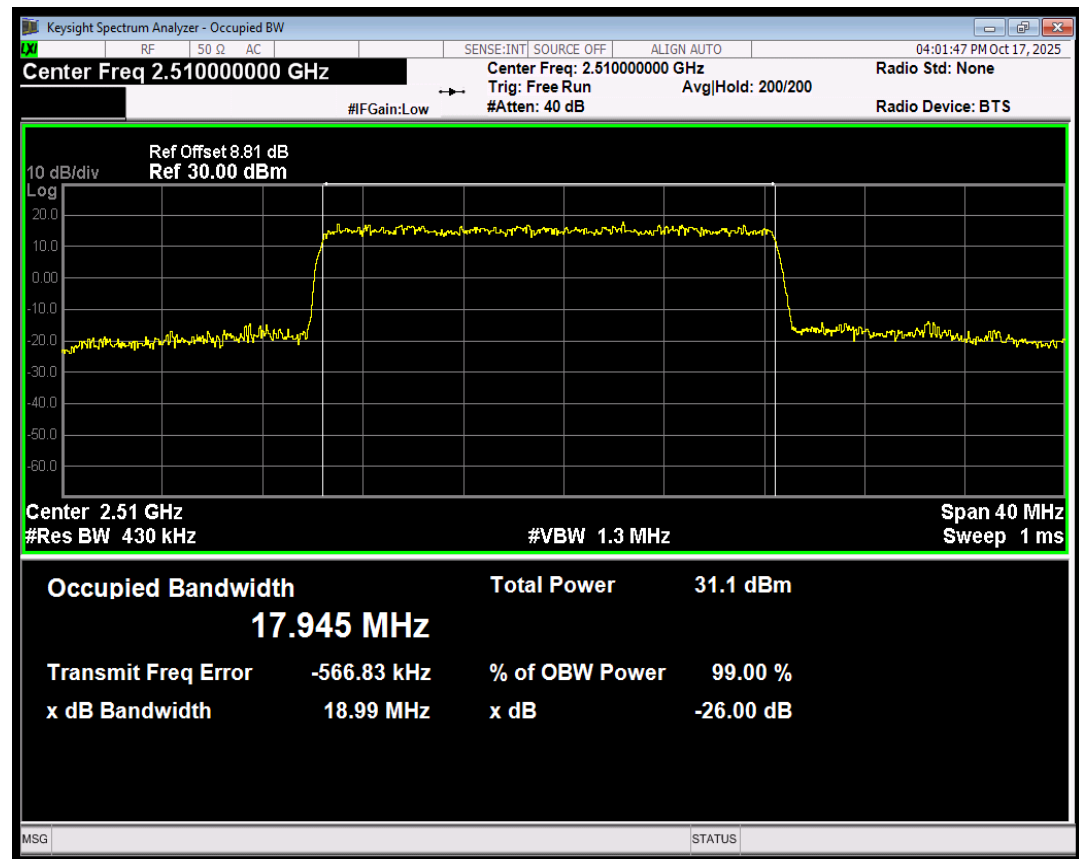
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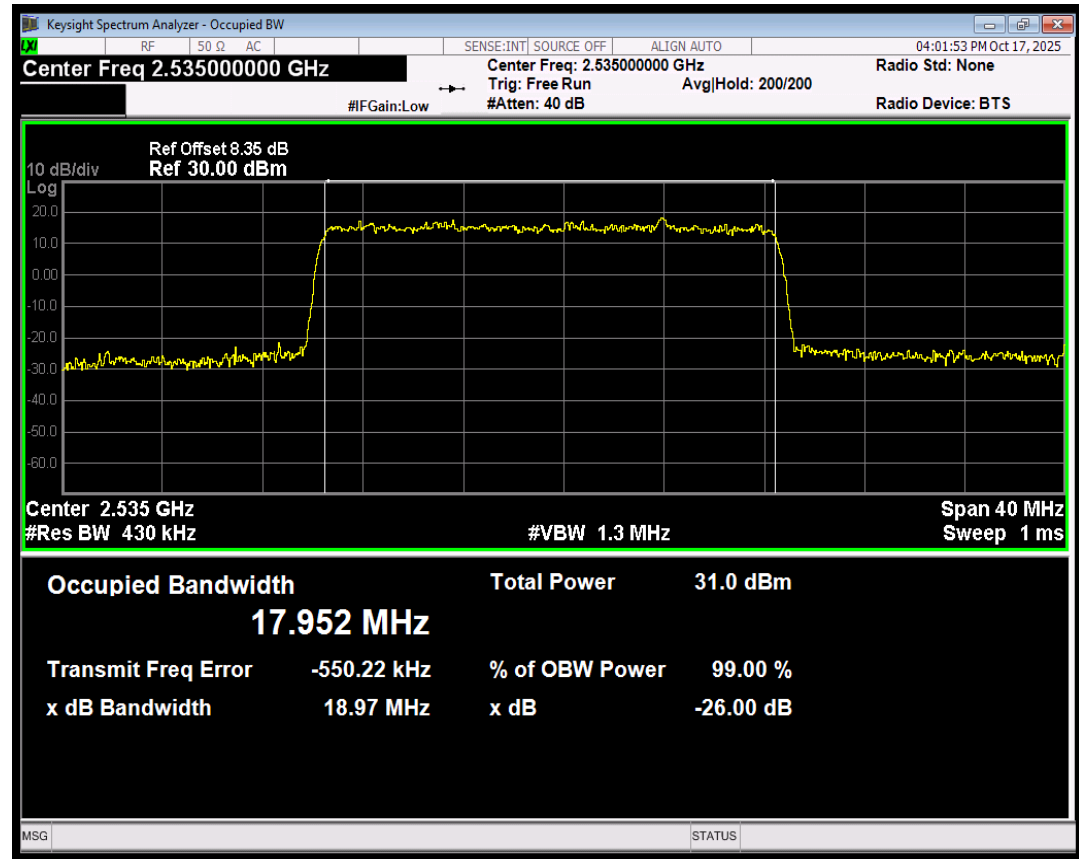
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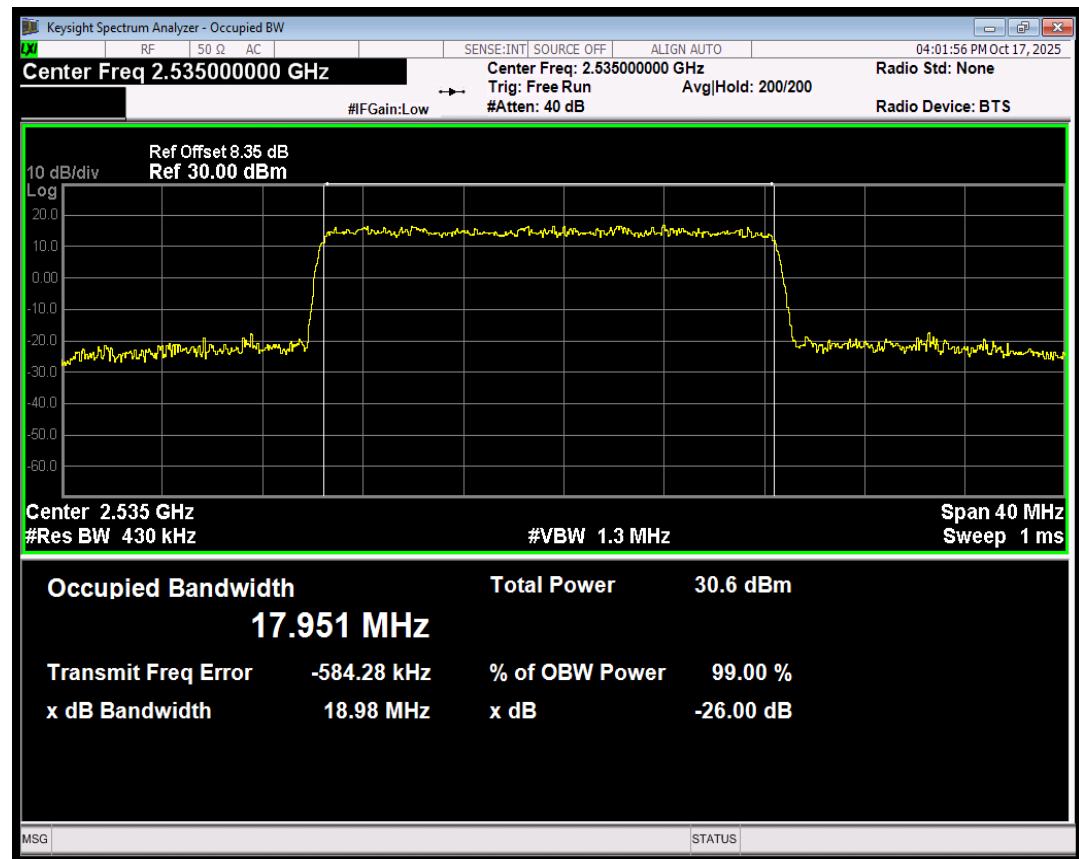
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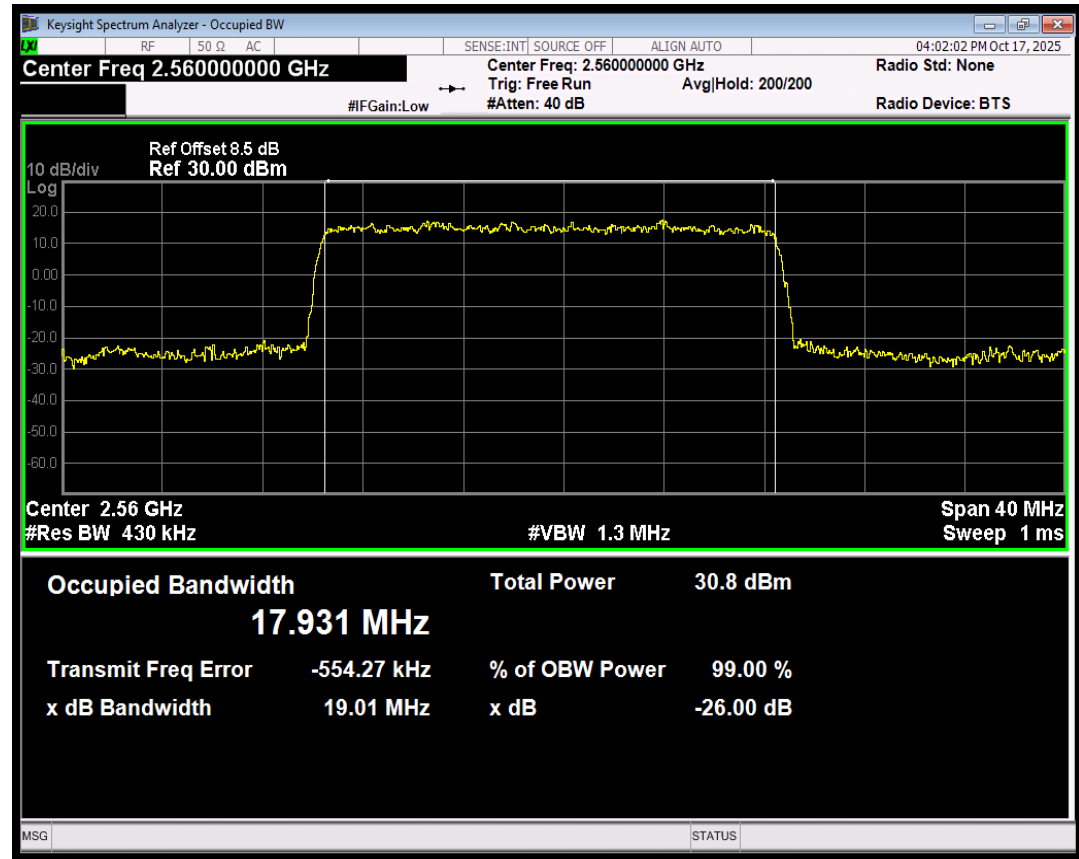
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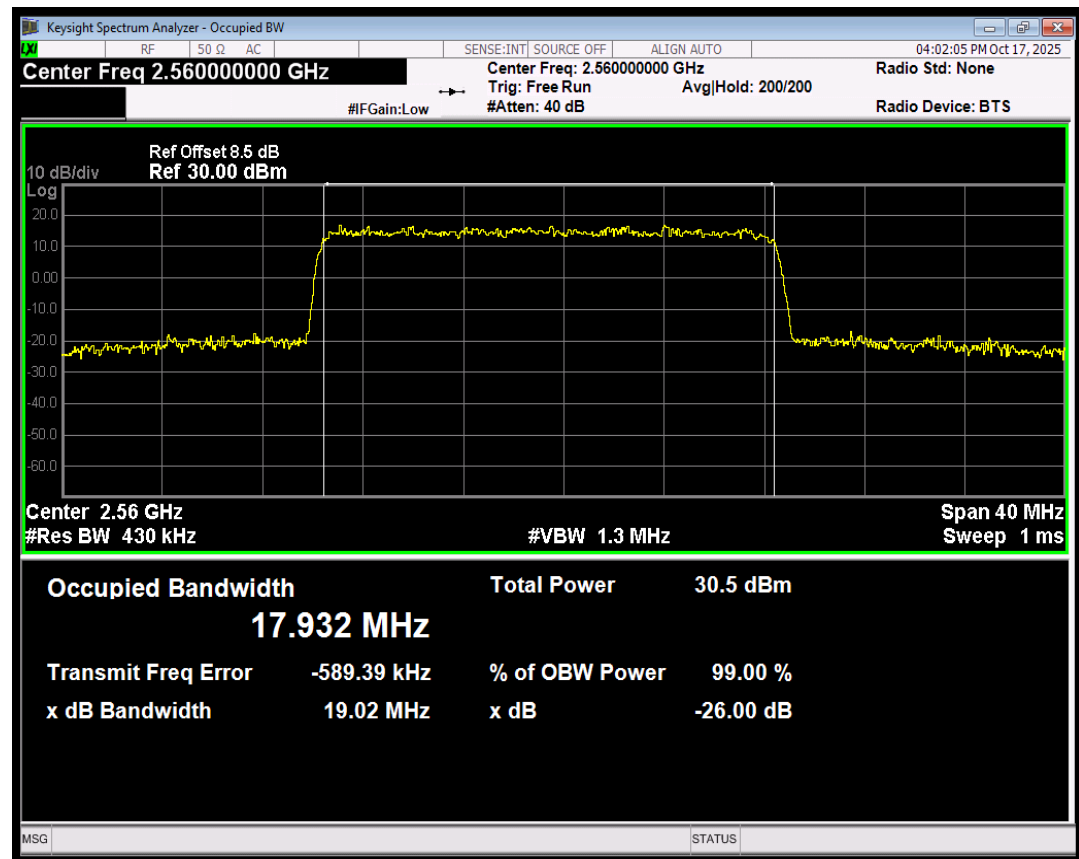
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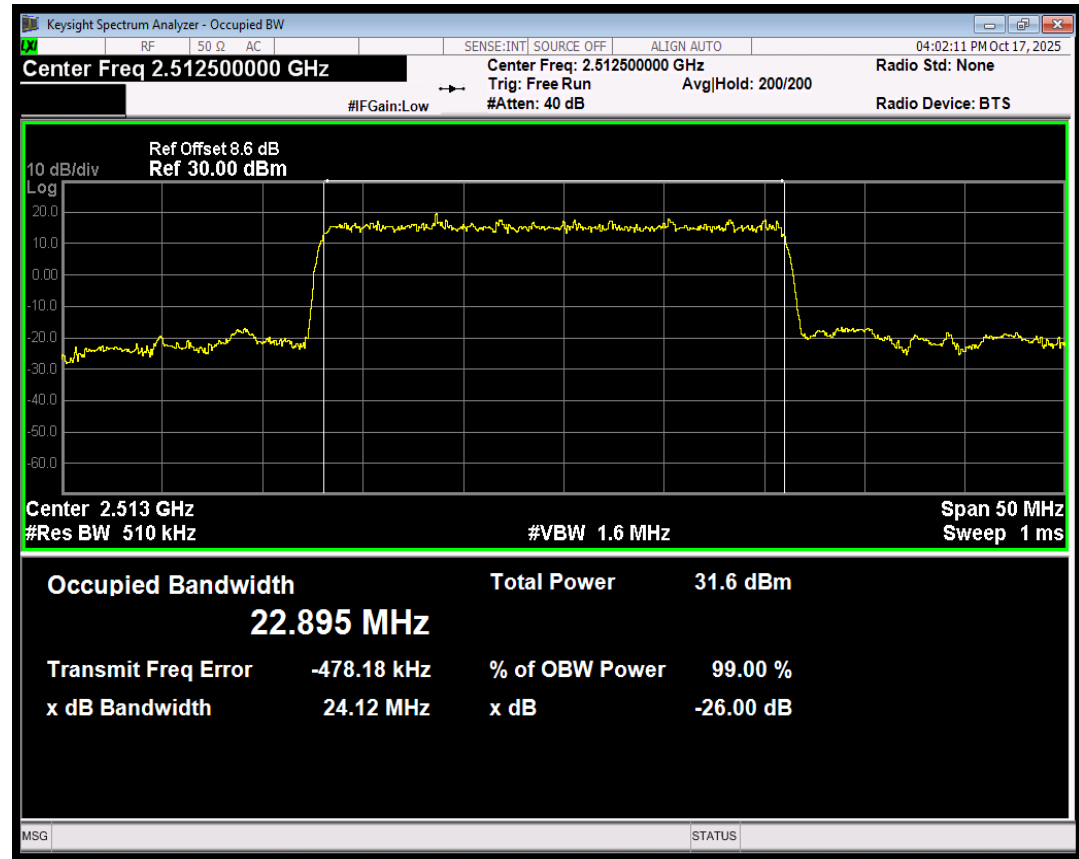
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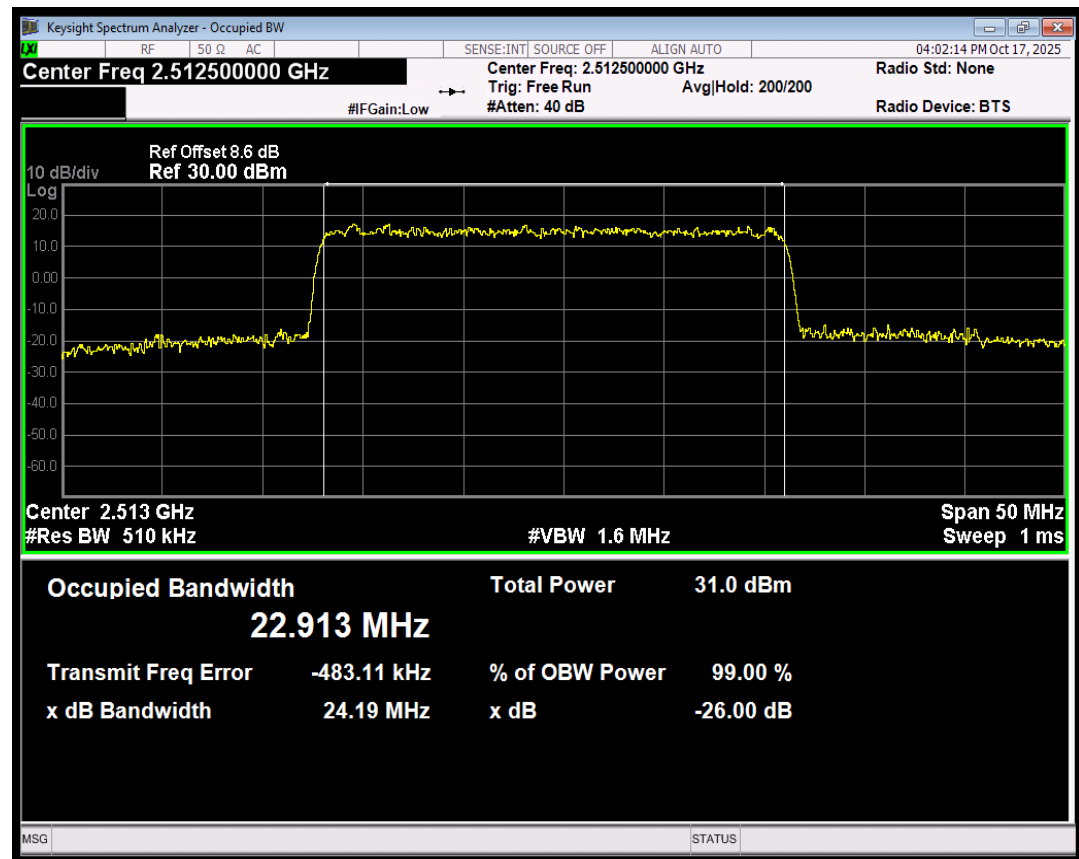
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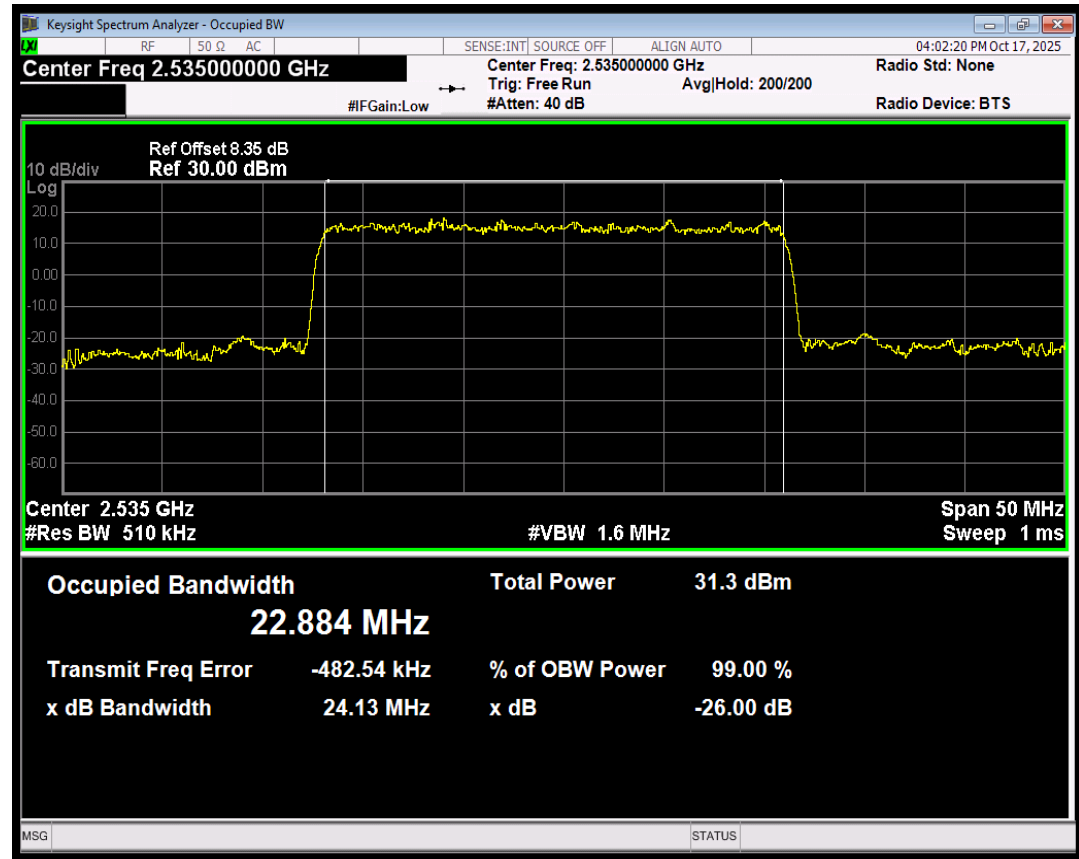
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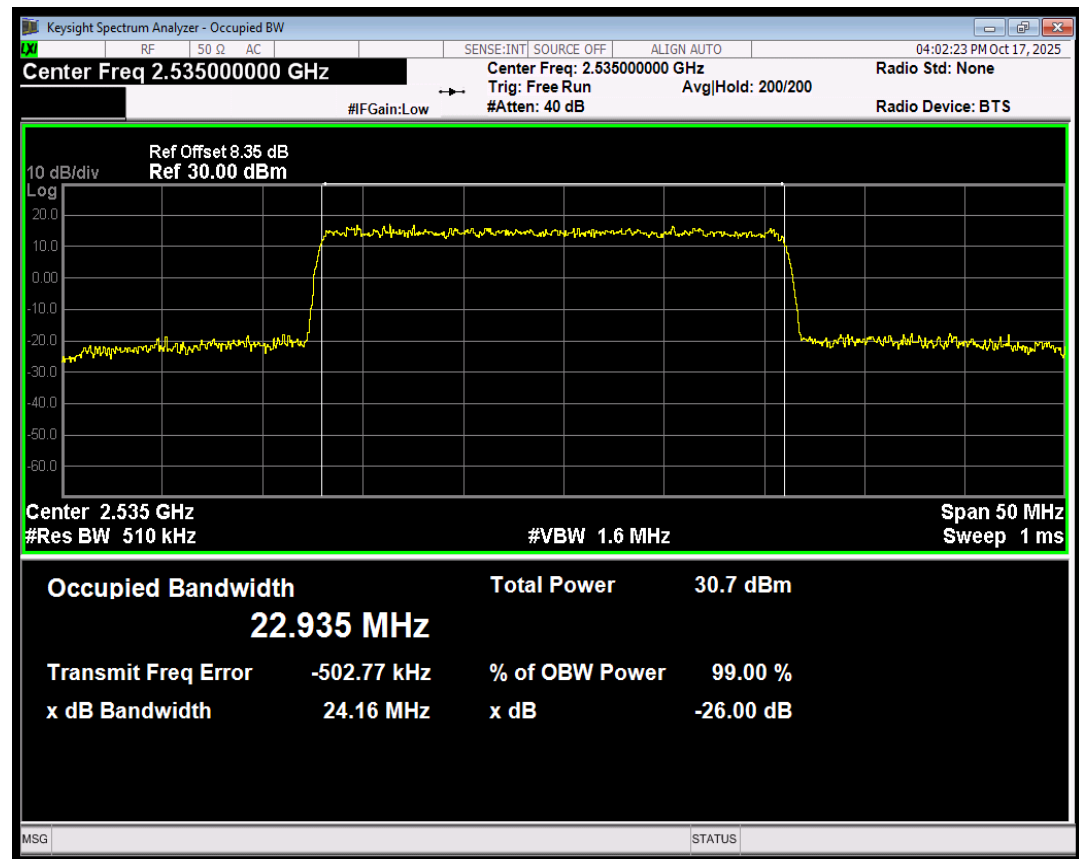
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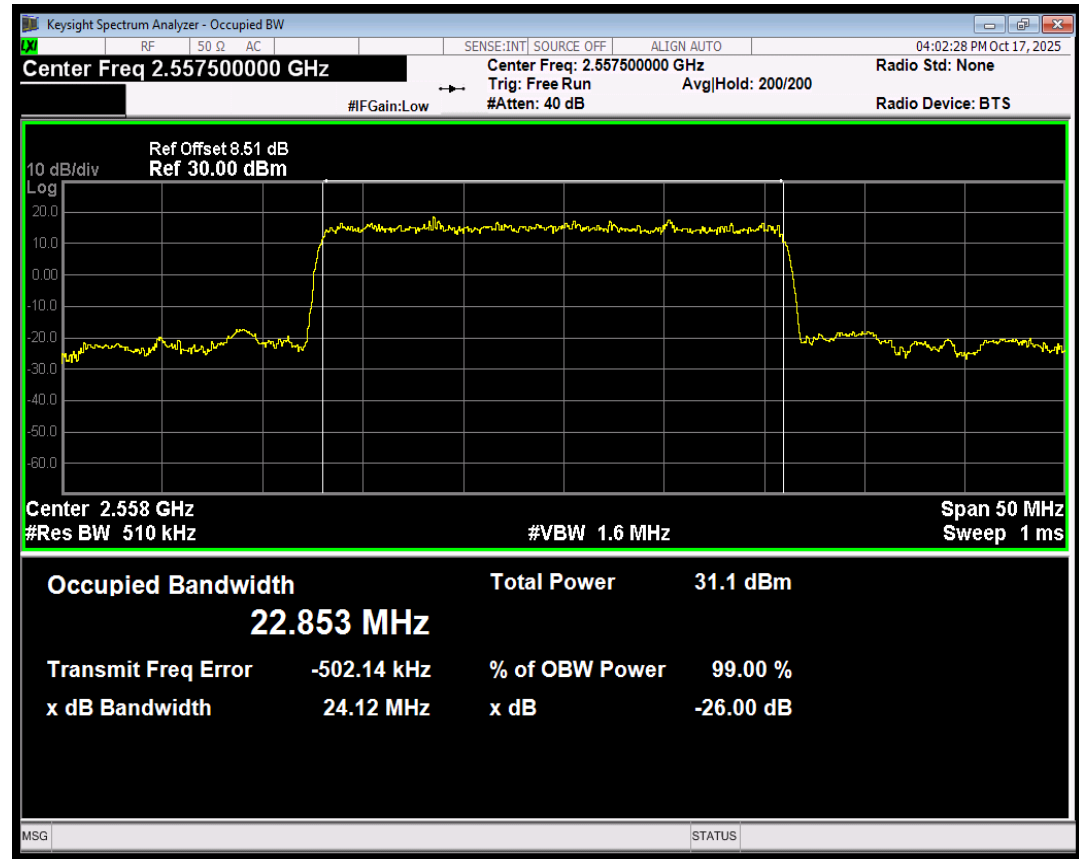
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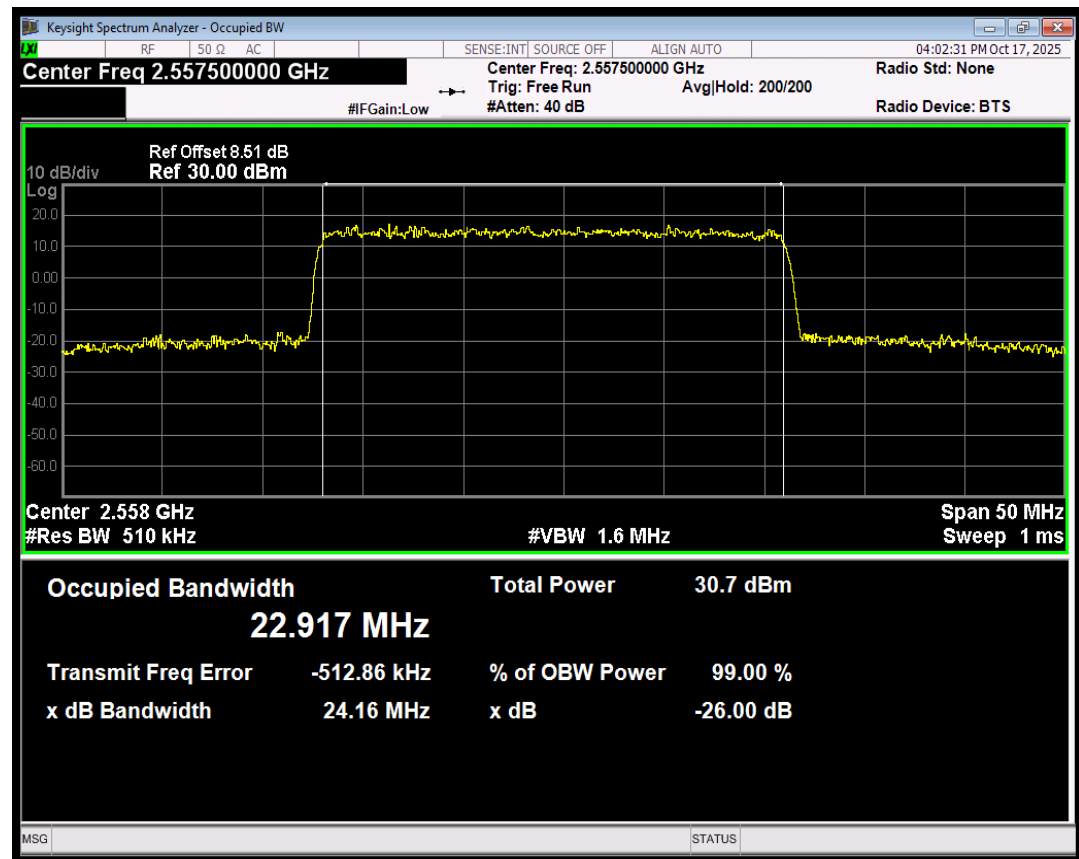
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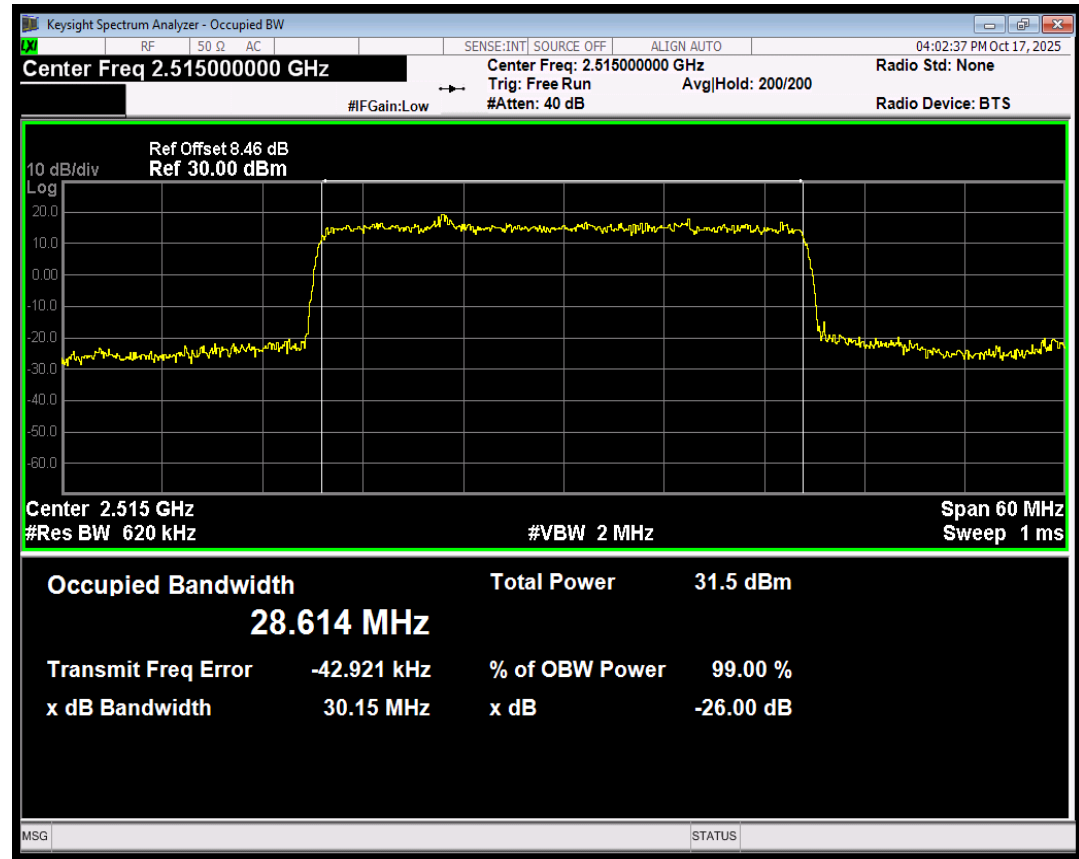
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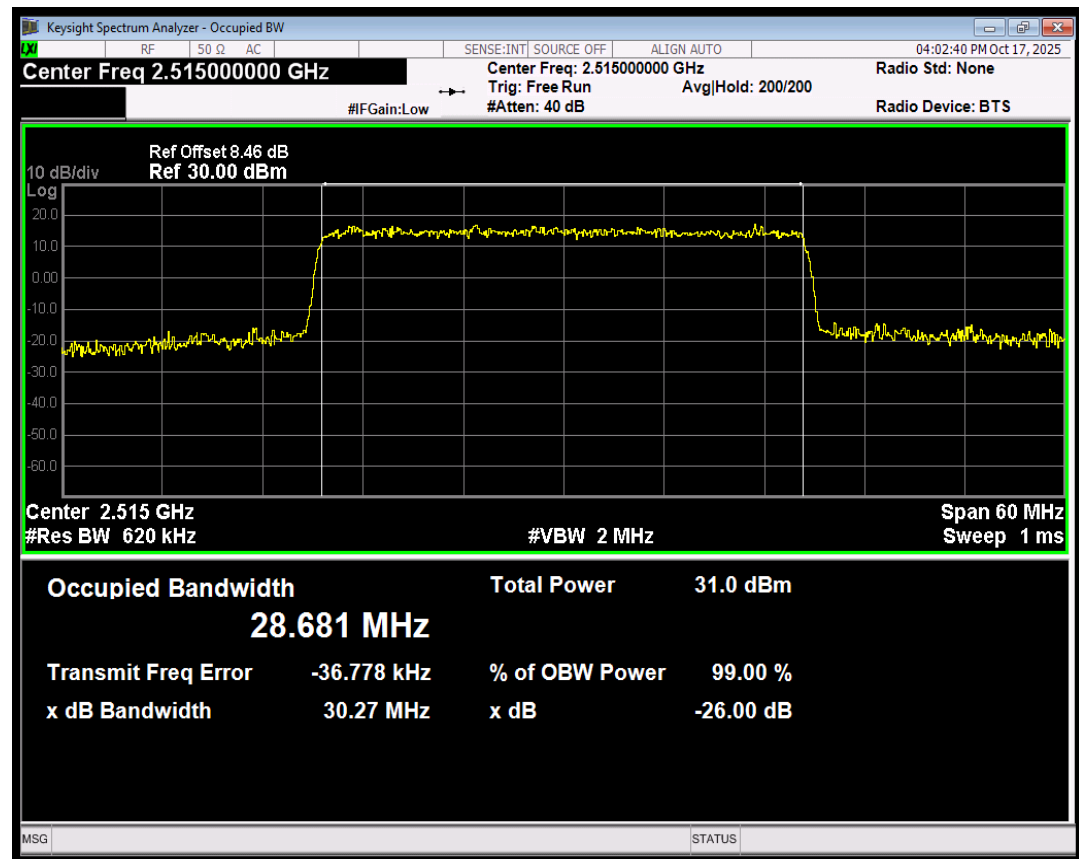
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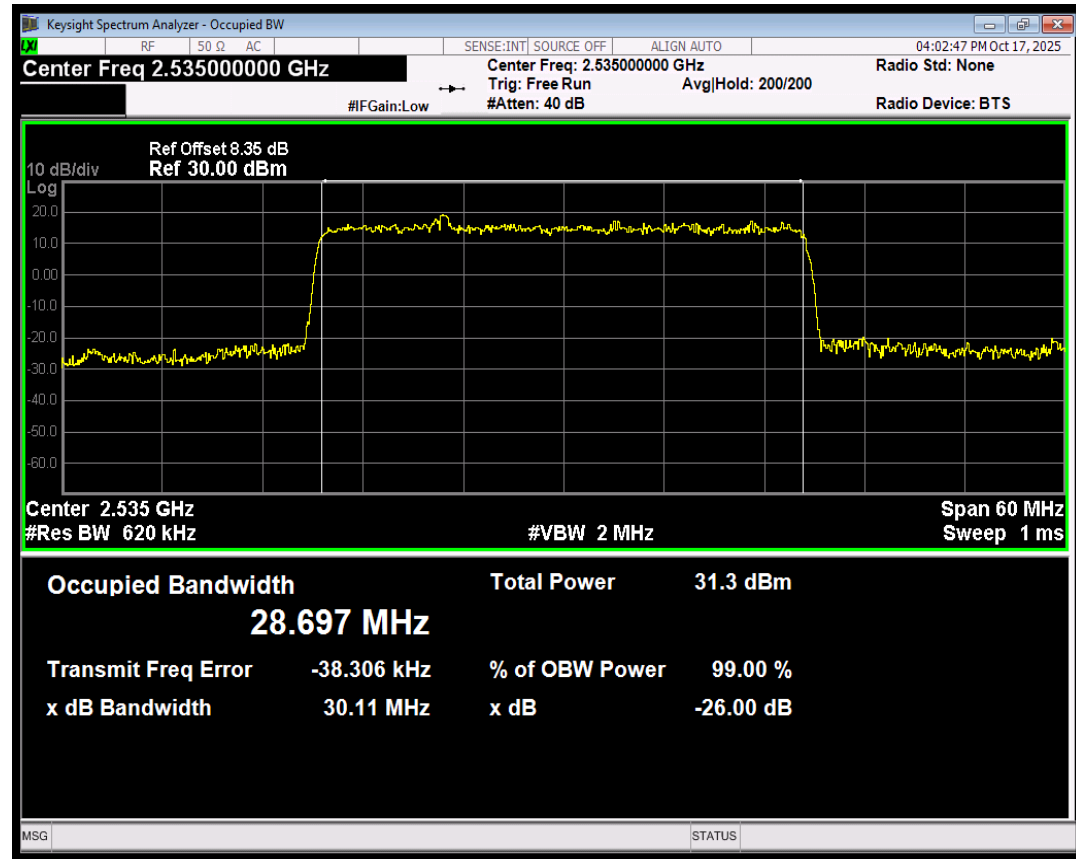
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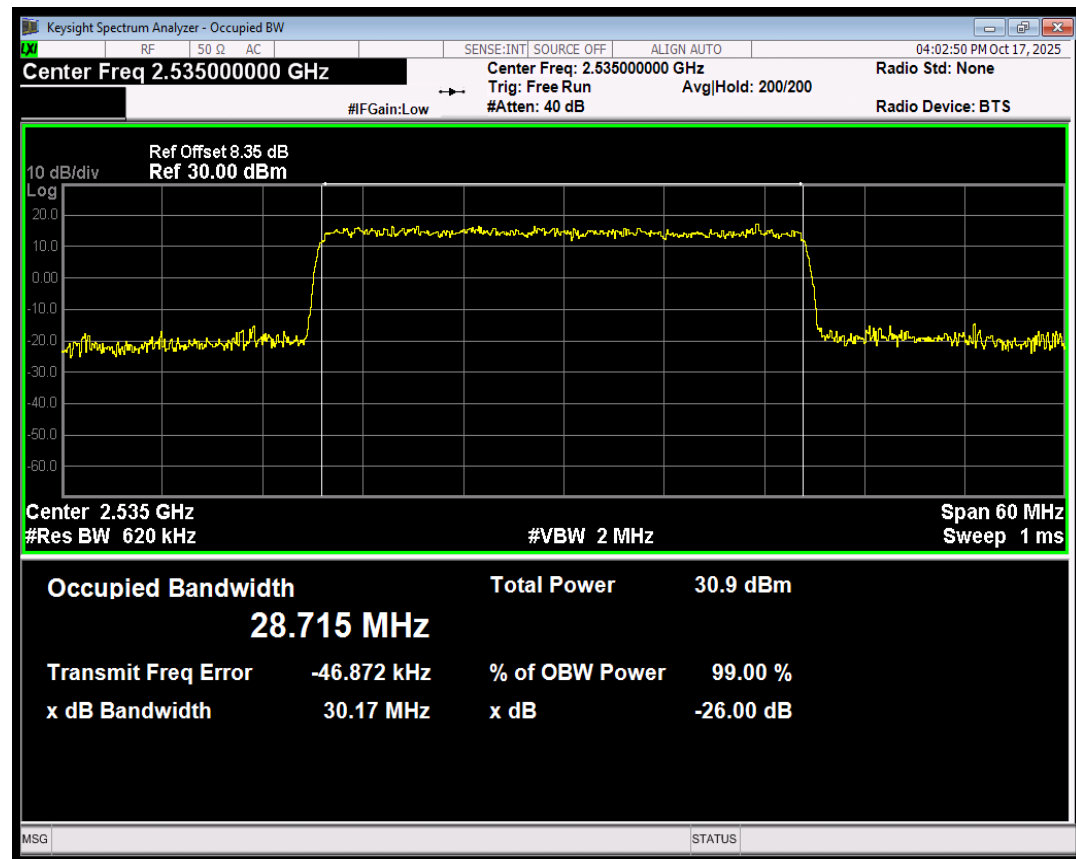
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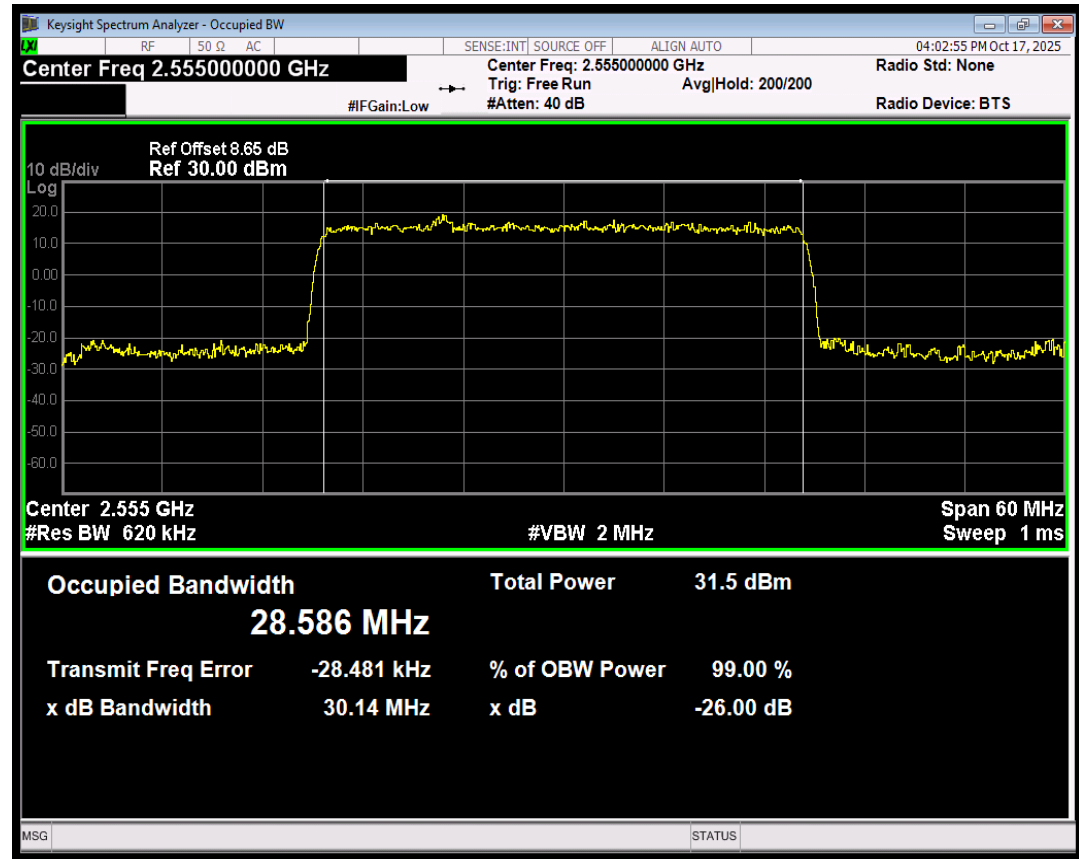
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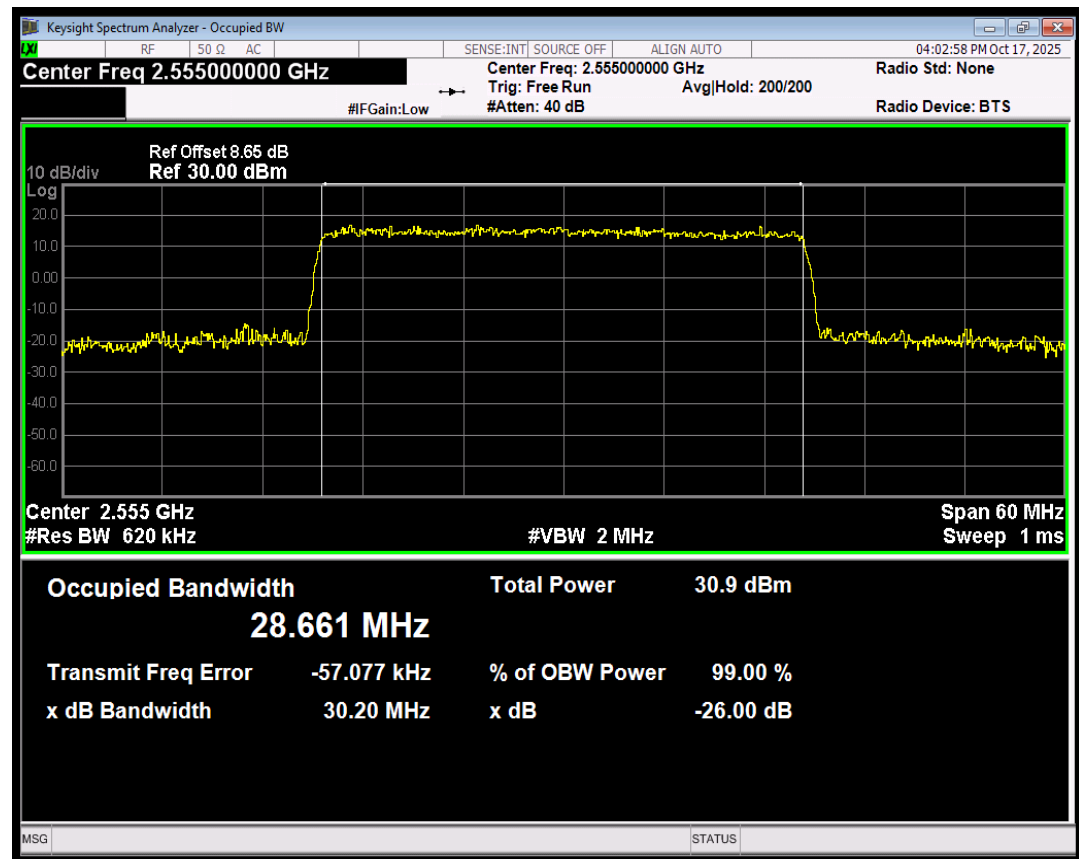
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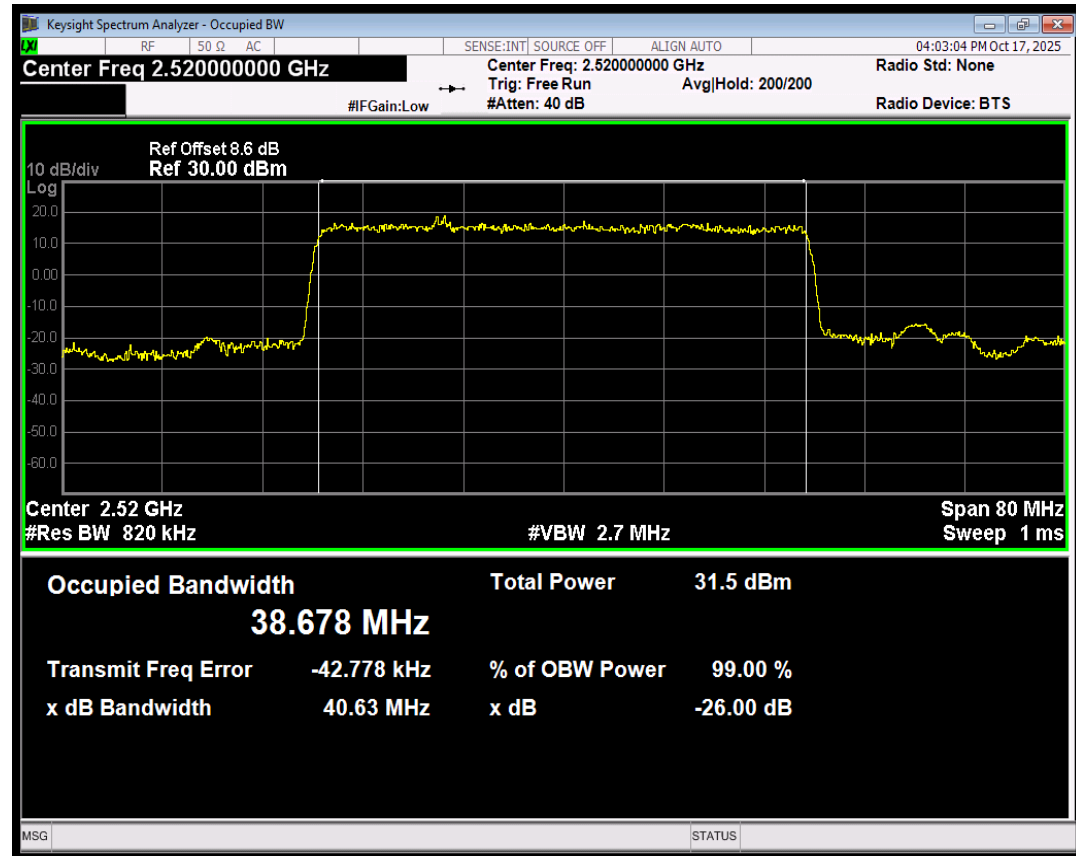
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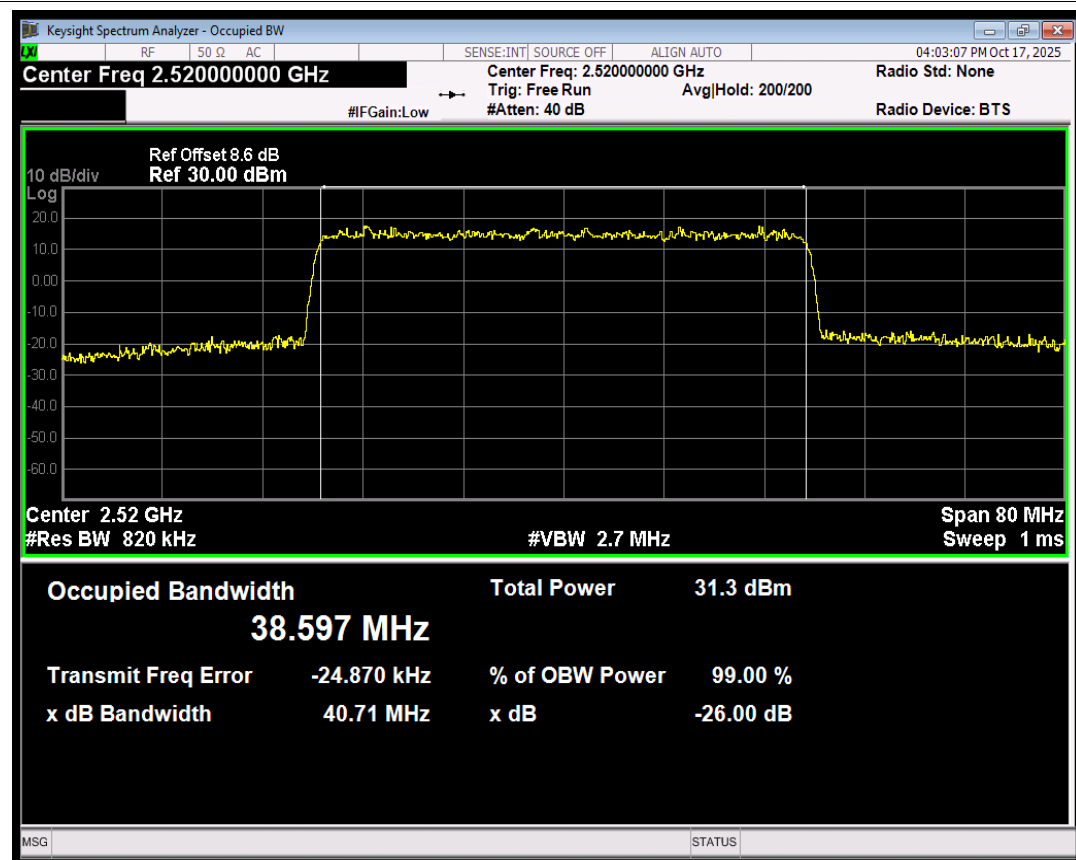
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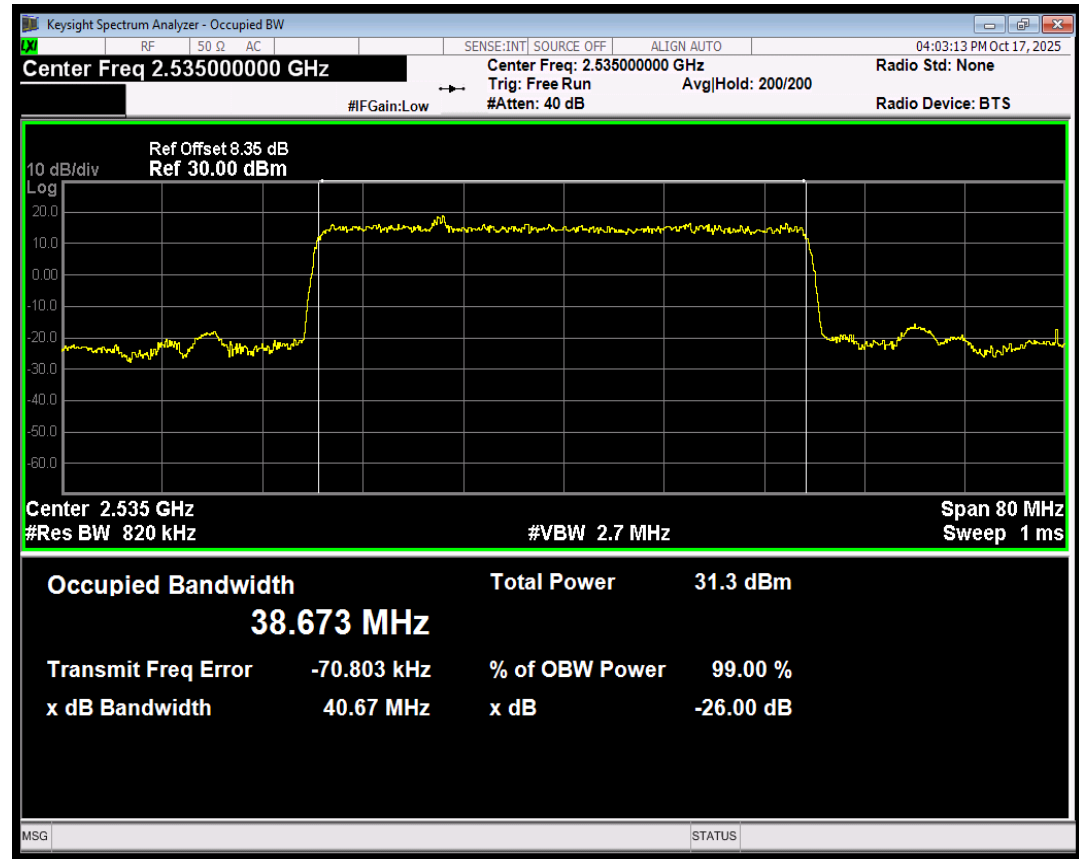
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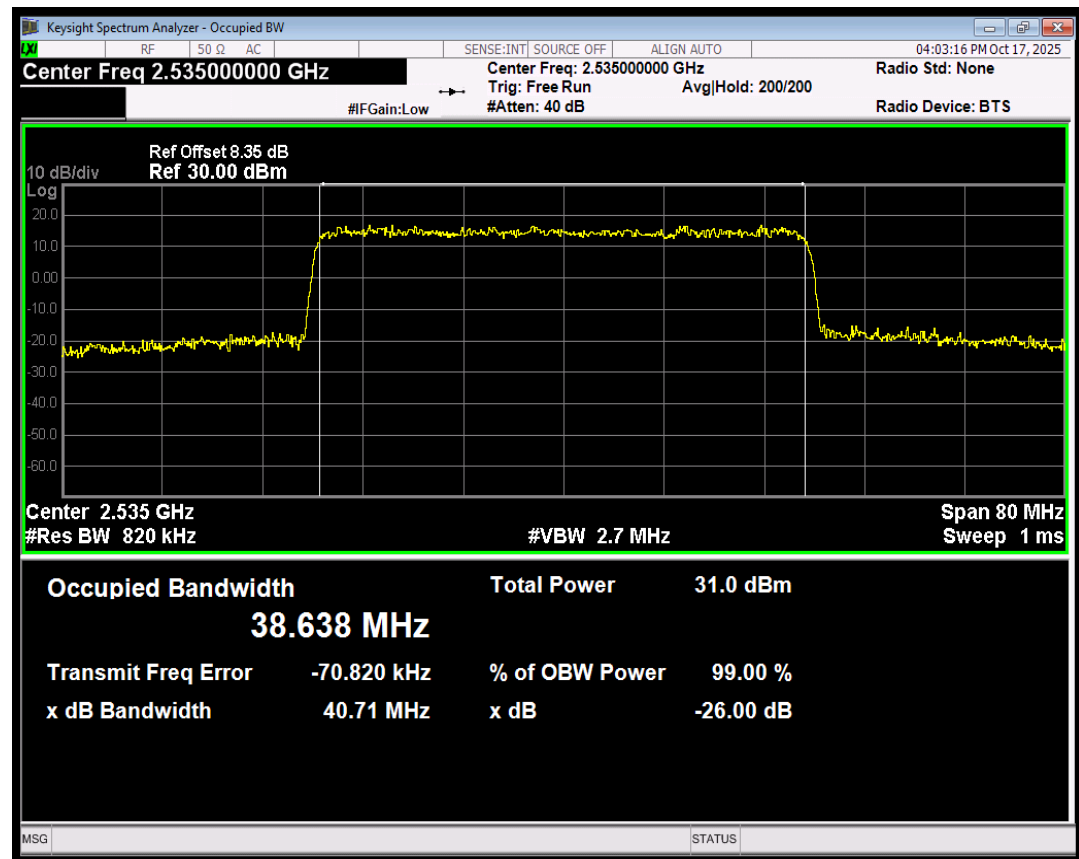
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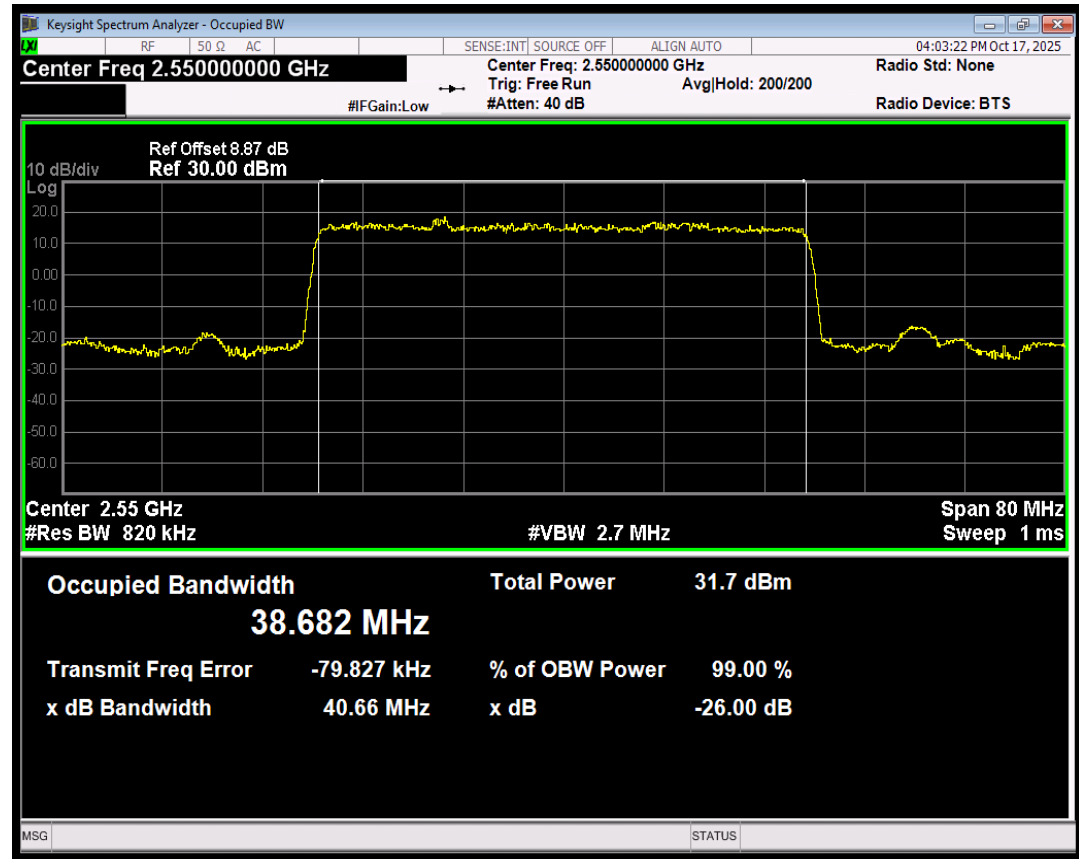
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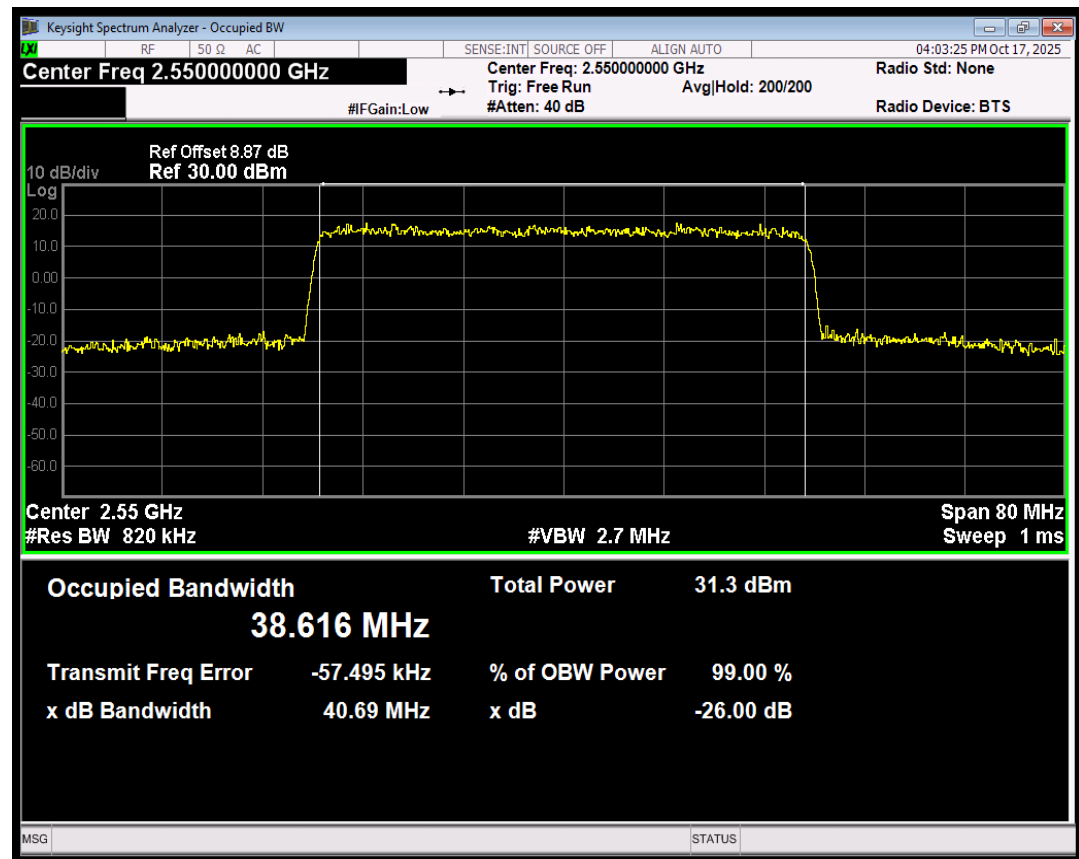
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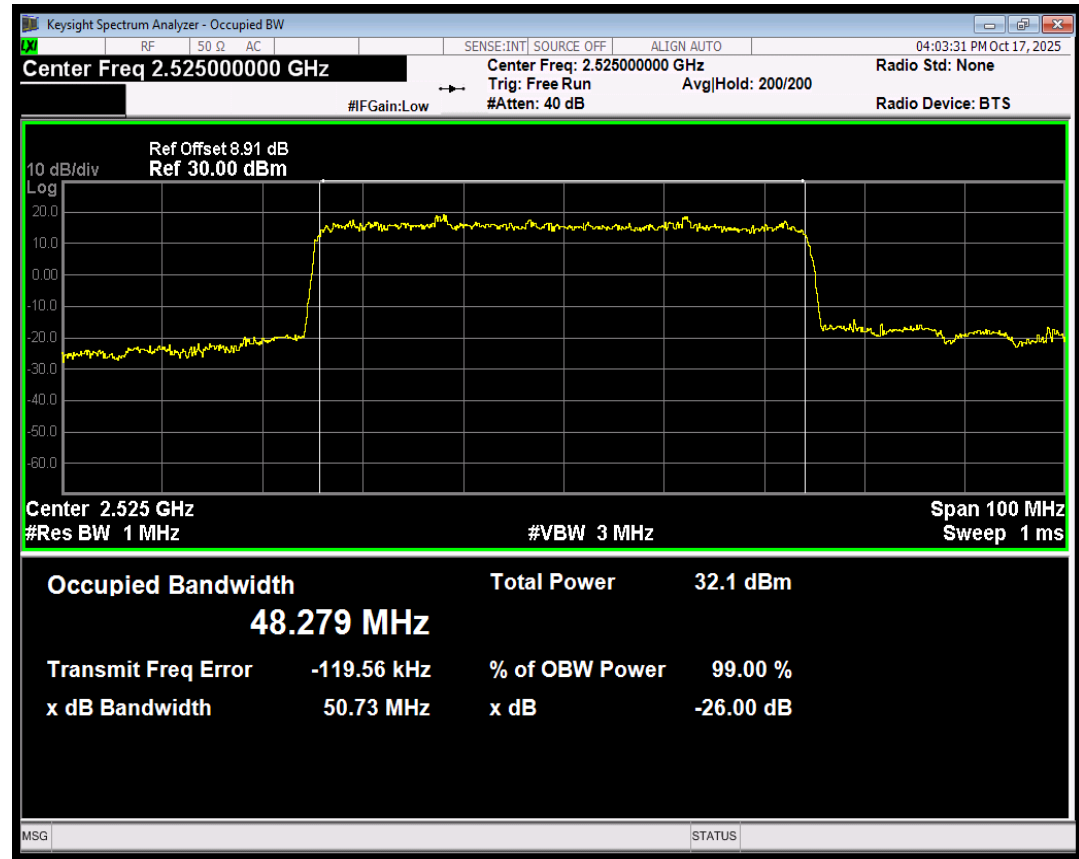
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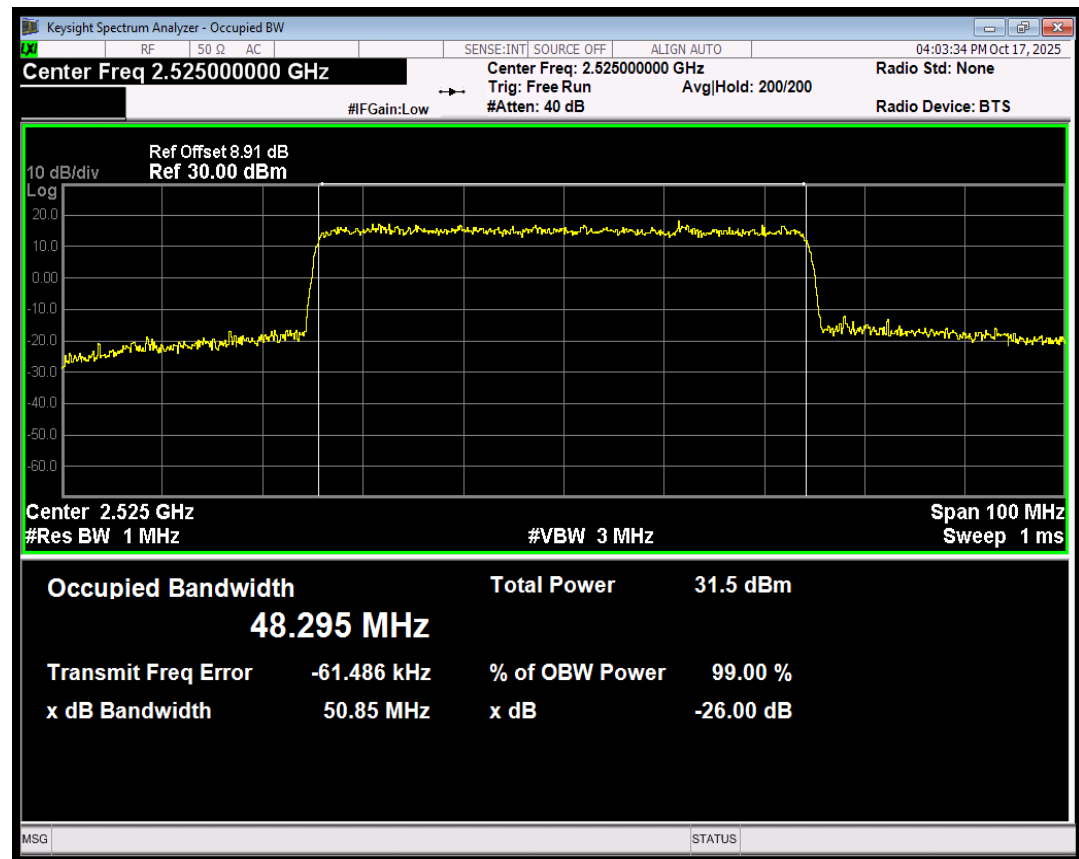
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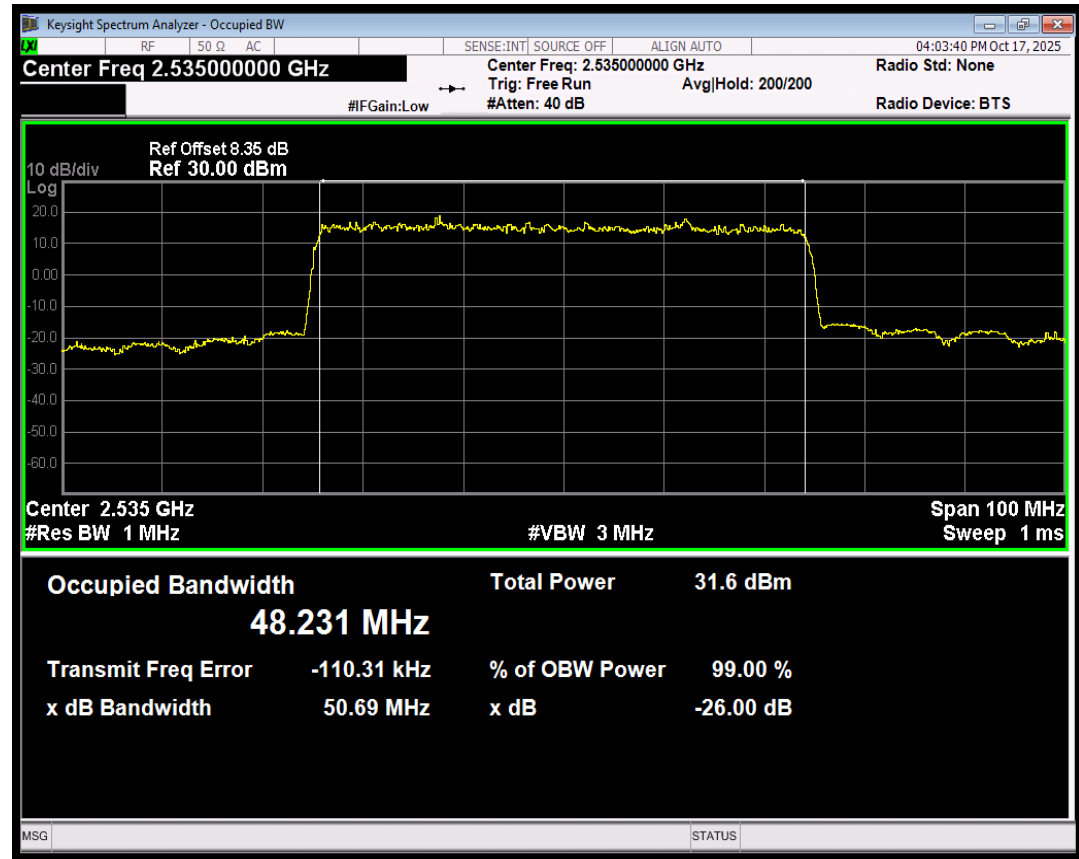
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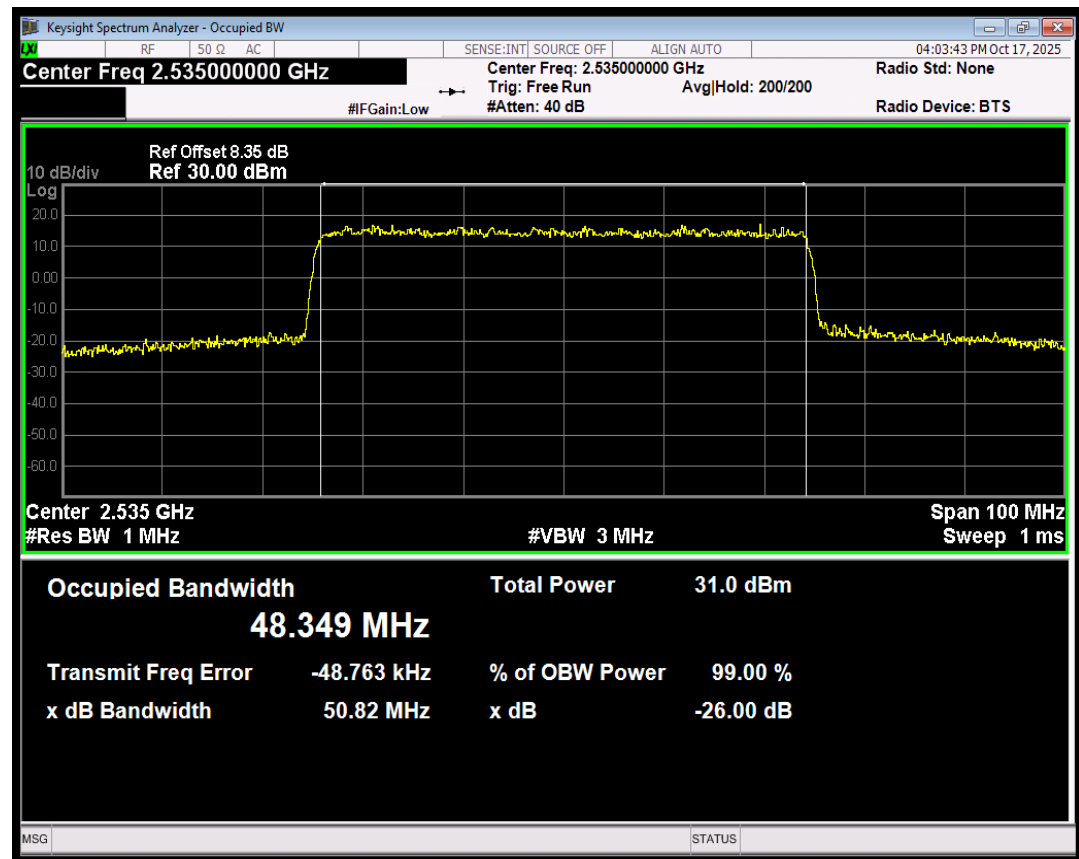
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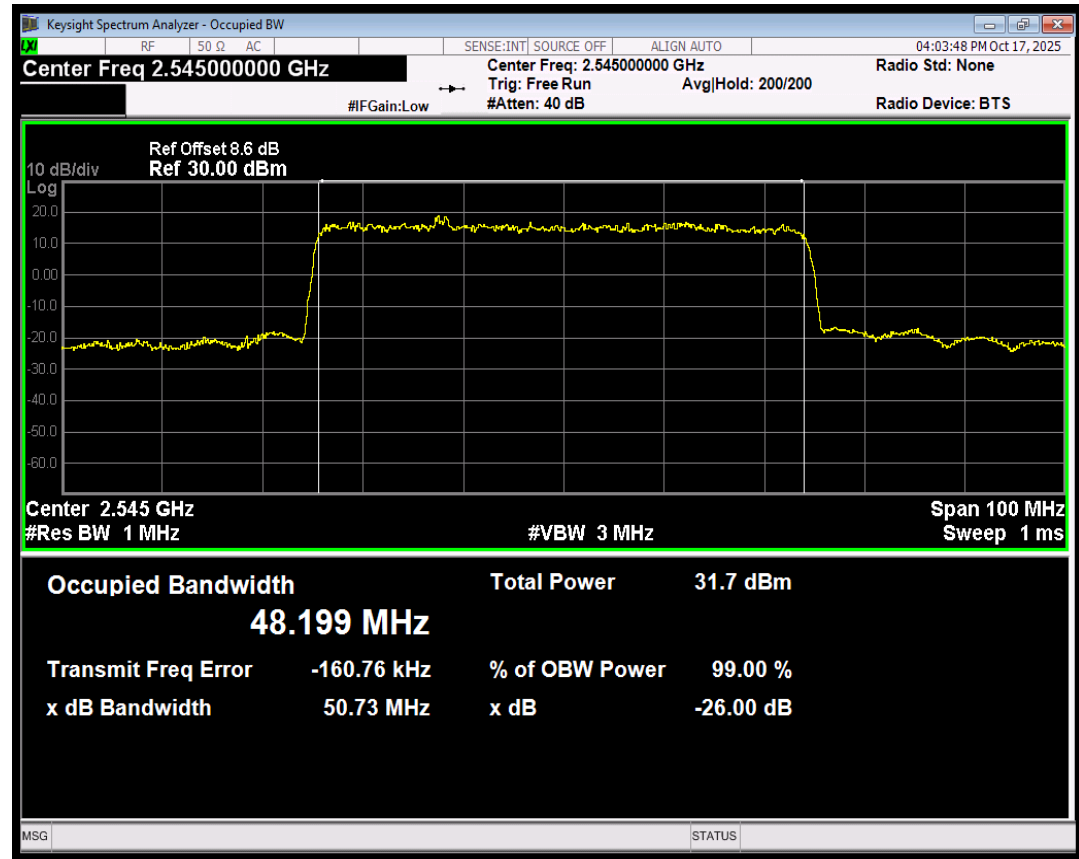
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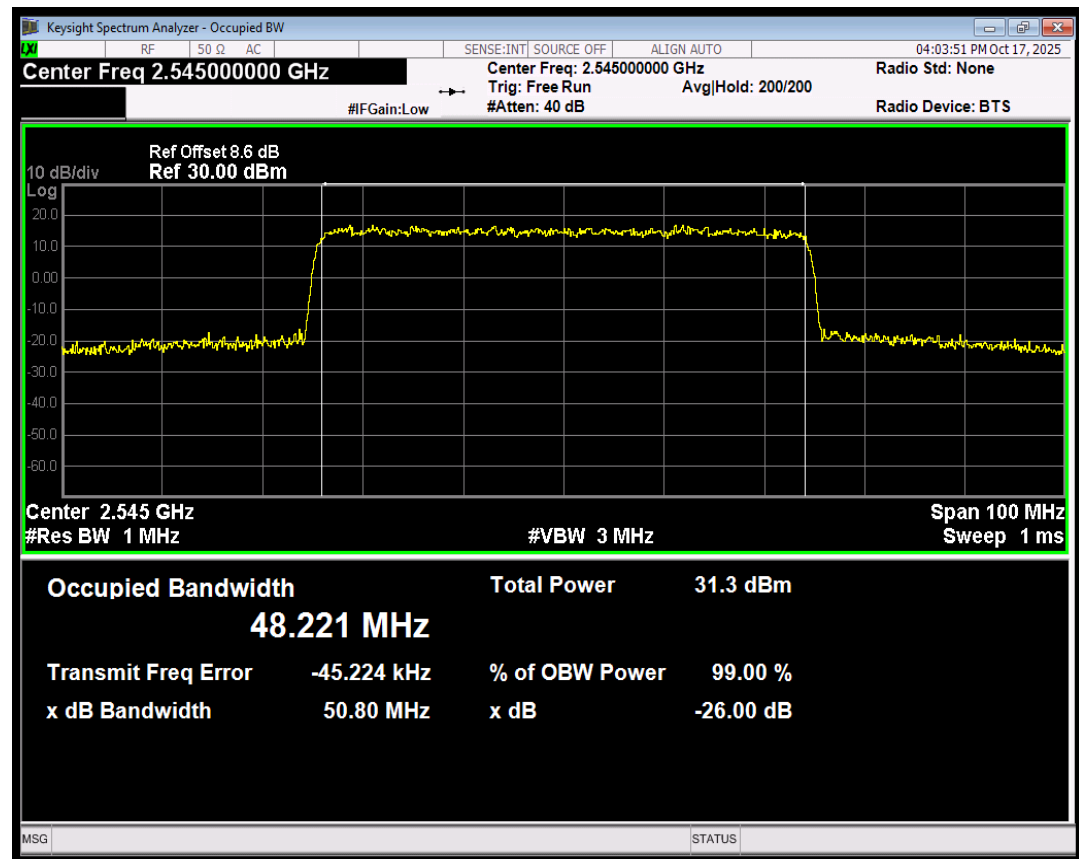
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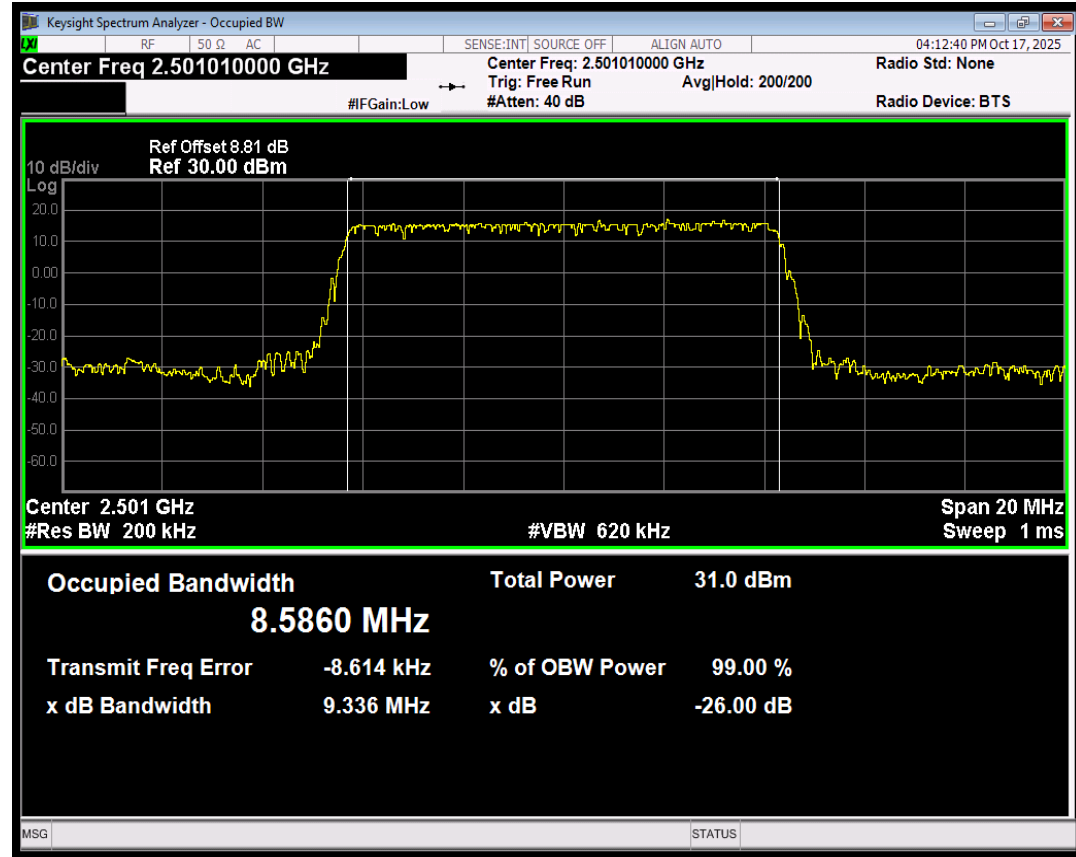
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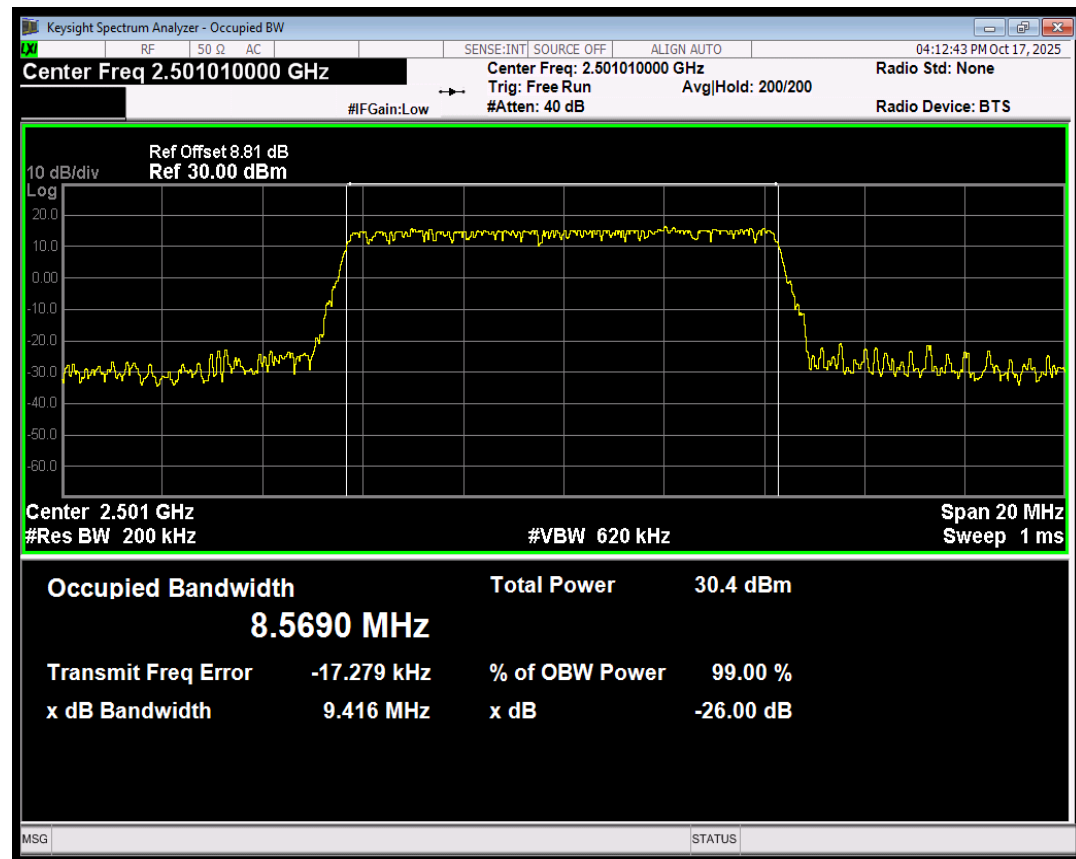
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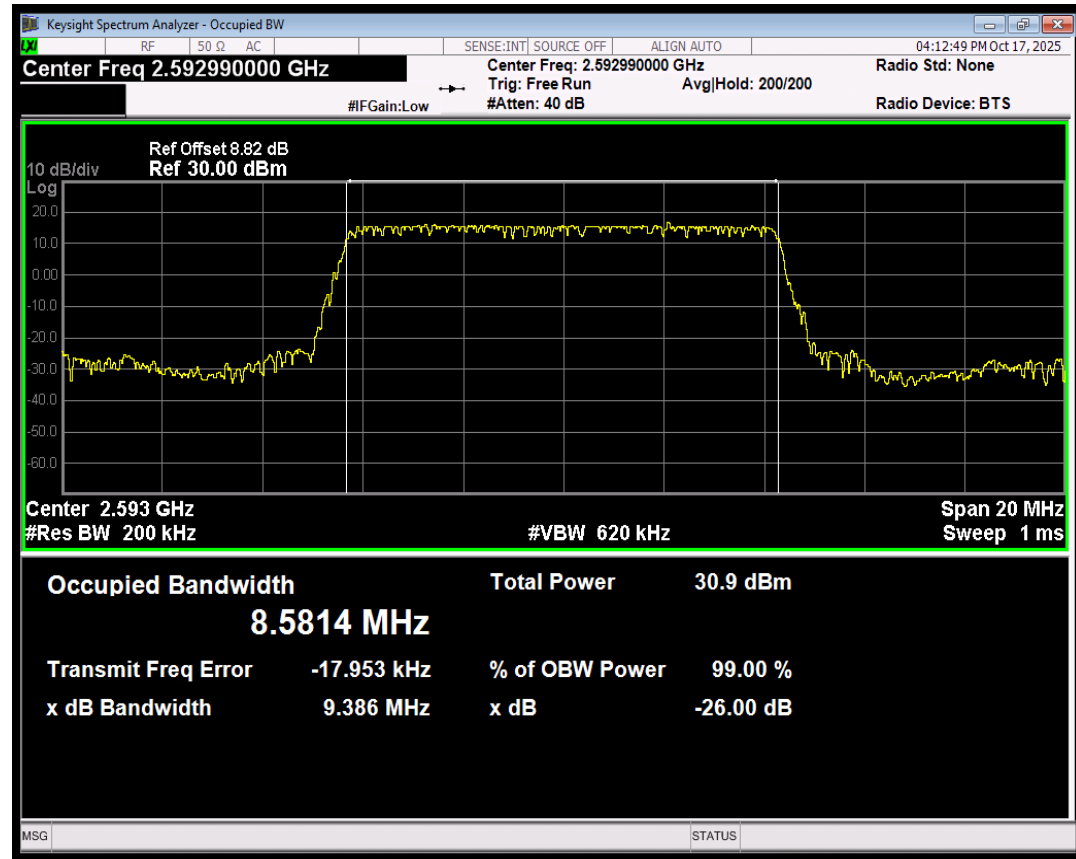
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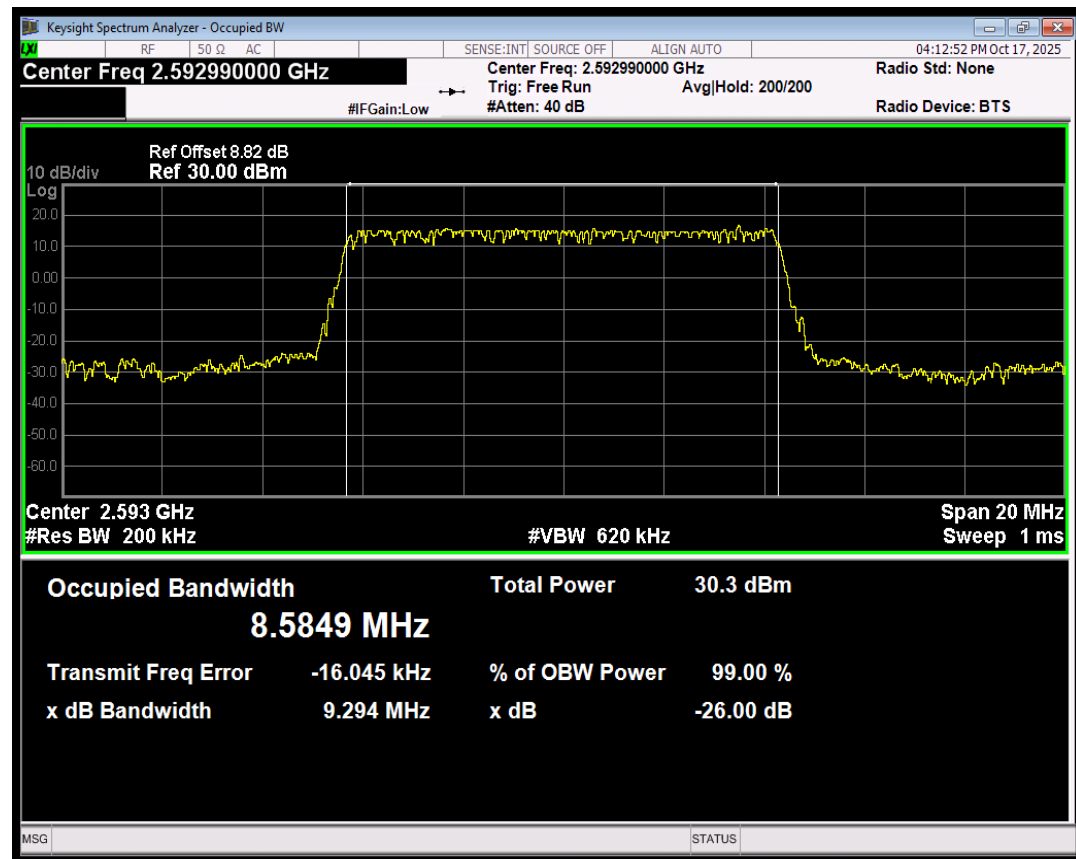
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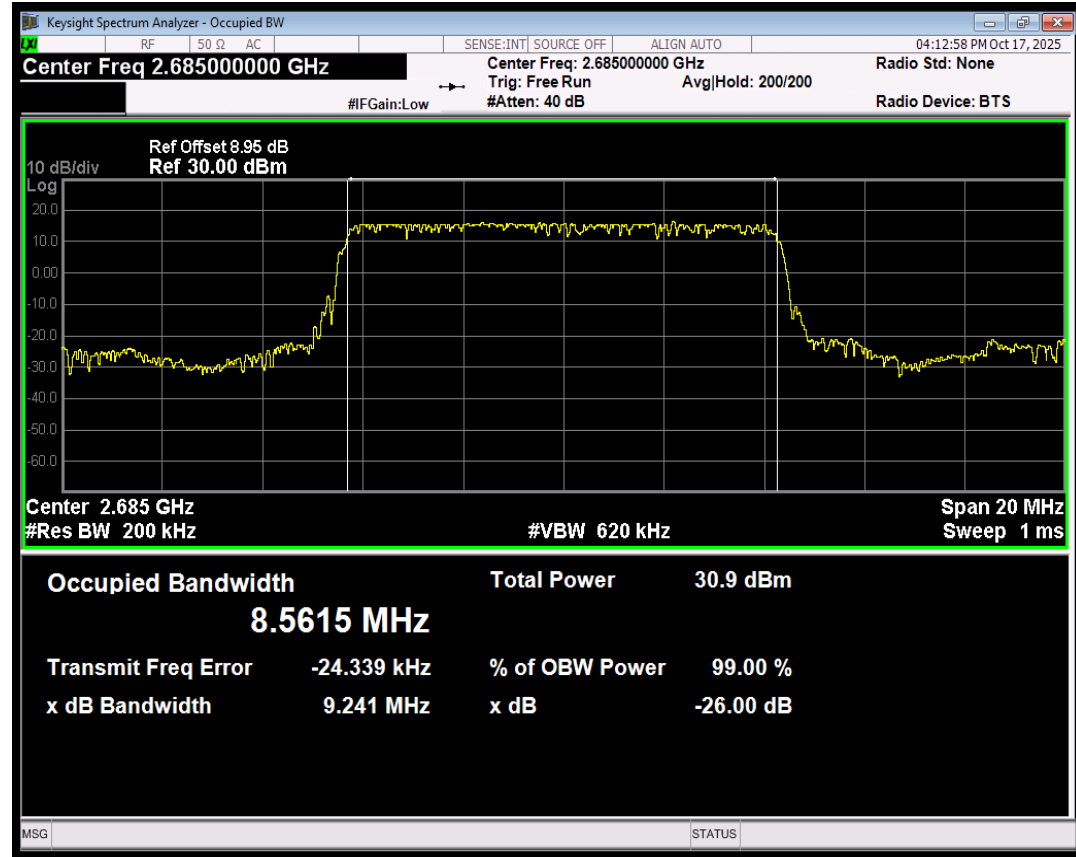
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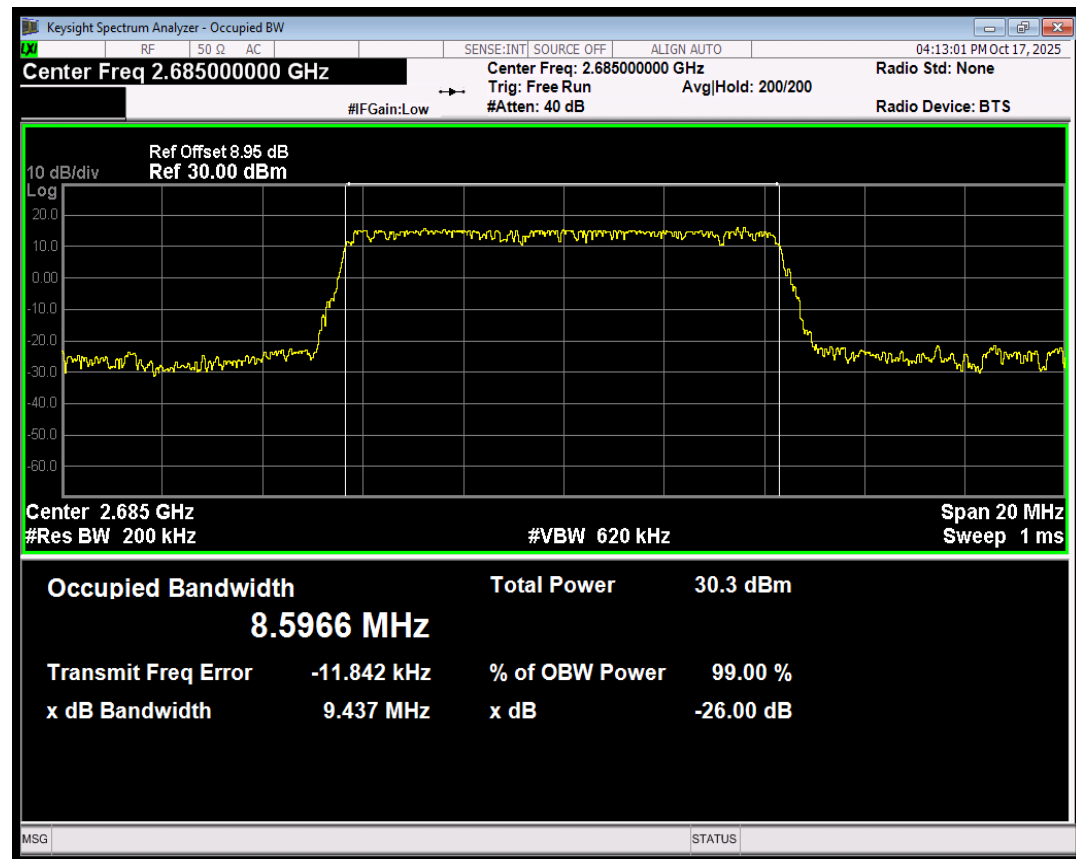
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n41 SCS=30kHz DFT_QPSK BW=10MHz Channel=518598 RB=24@0



n41 SCS=30kHz DFT_BPSK BW=10MHz Channel=537000 RB=24@0



n41 SCS=30kHz DFT_QPSK BW=10MHz Channel=537000 RB=24@0