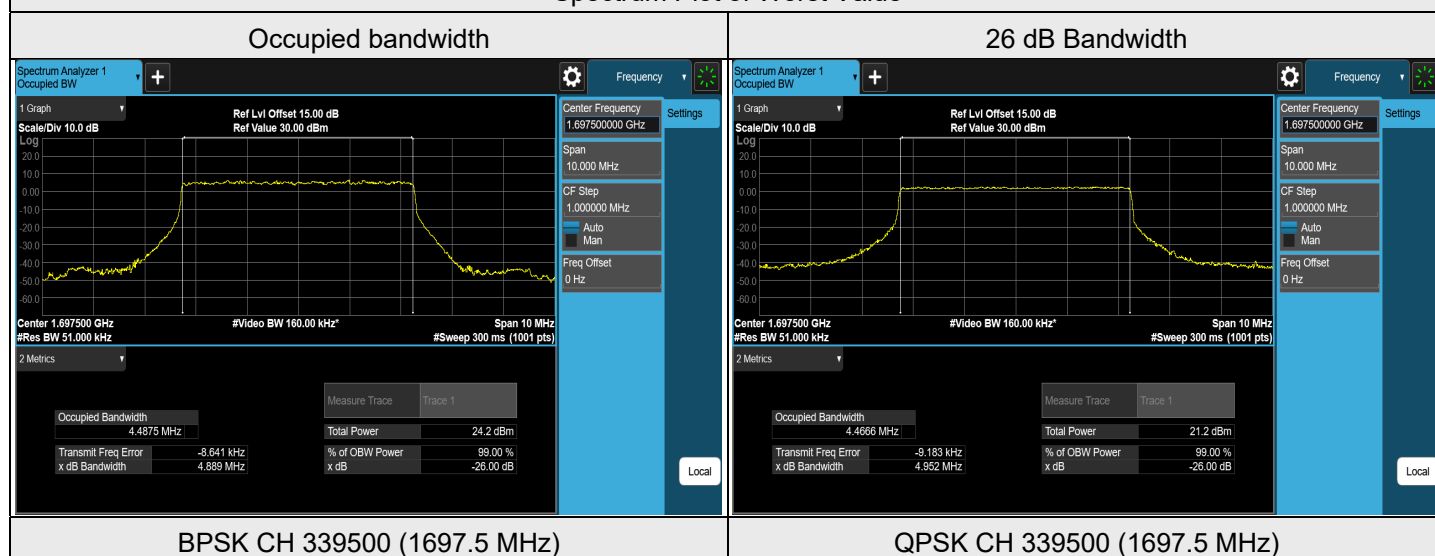


7.4.13NR n70 SCS 15 kHz

NR n70 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	339500	1697.5	4.4666	4.952
QPSK	340500	1702.5	4.4657	4.938
QPSK	341500	1707.5	4.4640	4.933
BPSK	339500	1697.5	4.4875	4.889
BPSK	340500	1702.5	4.4871	4.893
BPSK	341500	1707.5	4.4826	4.849
16QAM	339500	1697.5	4.4717	4.914
16QAM	340500	1702.5	4.4696	4.911
16QAM	341500	1707.5	4.4698	4.849
64QAM	339500	1697.5	4.4706	4.855
64QAM	340500	1702.5	4.4665	4.896
64QAM	341500	1707.5	4.4671	4.863
256QAM	339500	1697.5	4.4794	4.942
256QAM	340500	1702.5	4.4763	4.924
256QAM	341500	1707.5	4.4716	4.908

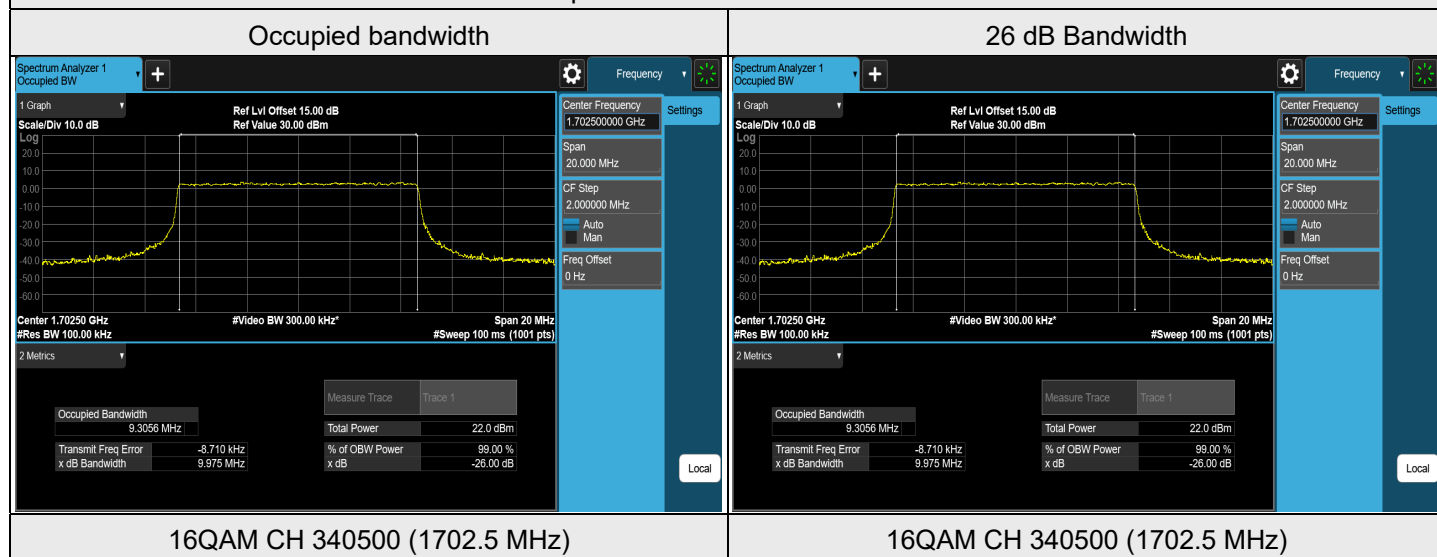
Spectrum Plot of Worst Value



NR n70 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 10 MHz

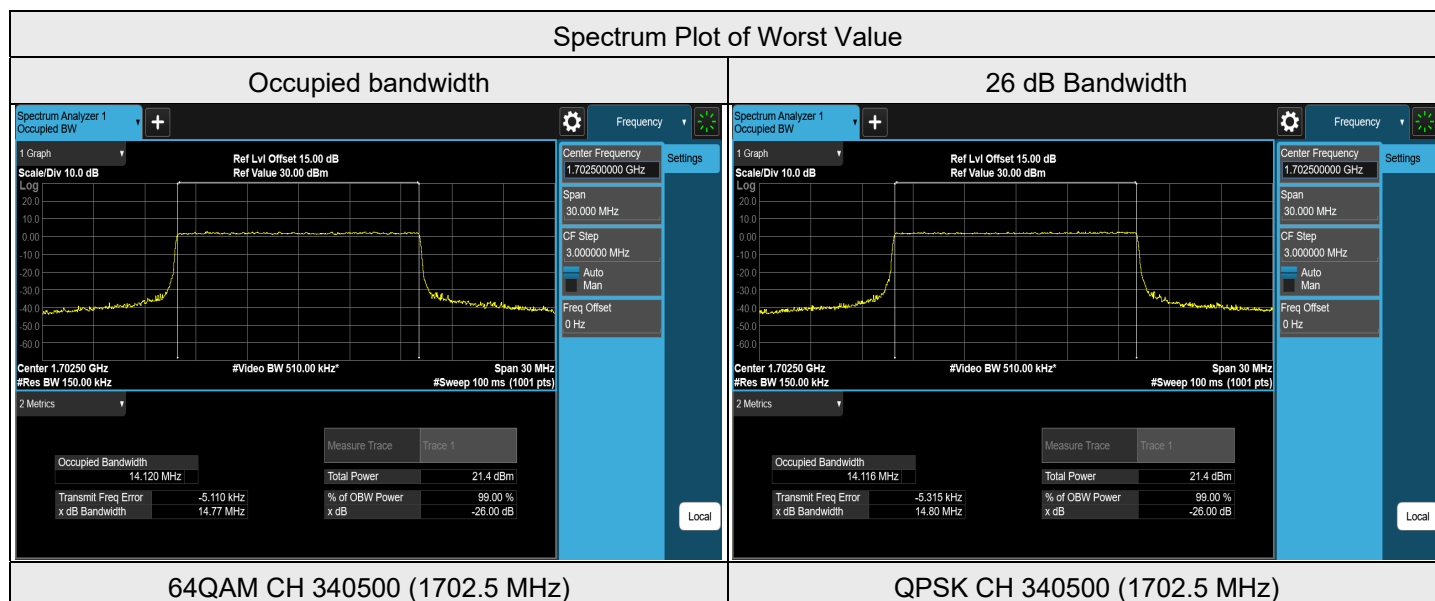
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	340000	1700	9.2802	9.807
QPSK	340500	1702.5	9.2820	9.906
QPSK	341000	1705	9.2775	9.829
BPSK	340000	1700	8.9298	9.343
BPSK	340500	1702.5	8.9323	9.446
BPSK	341000	1705	8.9307	9.371
16QAM	340000	1700	9.2942	9.945
16QAM	340500	1702.5	9.3056	9.975
16QAM	341000	1705	9.2988	9.908
64QAM	340000	1700	9.2914	9.885
64QAM	340500	1702.5	9.2849	9.823
64QAM	341000	1705	9.2841	9.852
256QAM	340000	1700	9.2912	9.836
256QAM	340500	1702.5	9.2874	9.865
256QAM	341000	1705	9.2949	9.885

Spectrum Plot of Worst Value



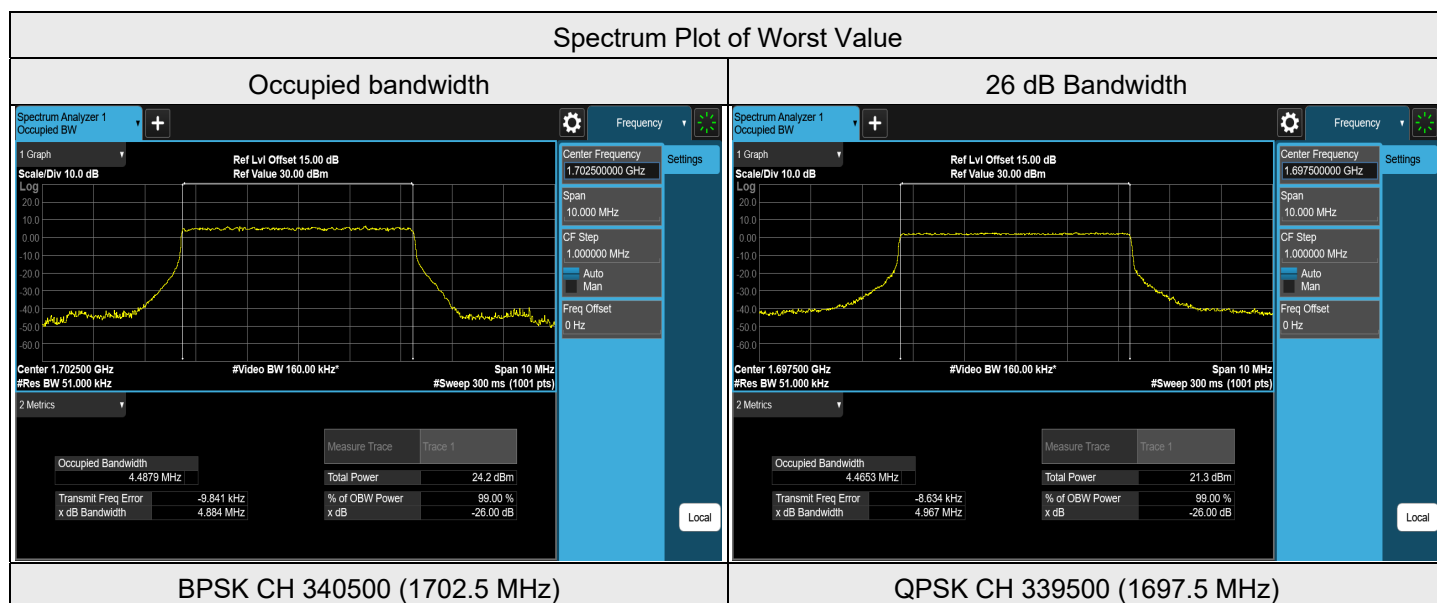
NR n70 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	340500	1702.5	14.1162	14.800
BPSK	340500	1702.5	13.4135	14.055
16QAM	340500	1702.5	14.1128	14.752
64QAM	340500	1702.5	14.1197	14.765
256QAM	340500	1702.5	14.0931	14.773



NR n70 SCS 15 kHz, MIMO-Ant 3, Channel Bandwidth: 5 MHz

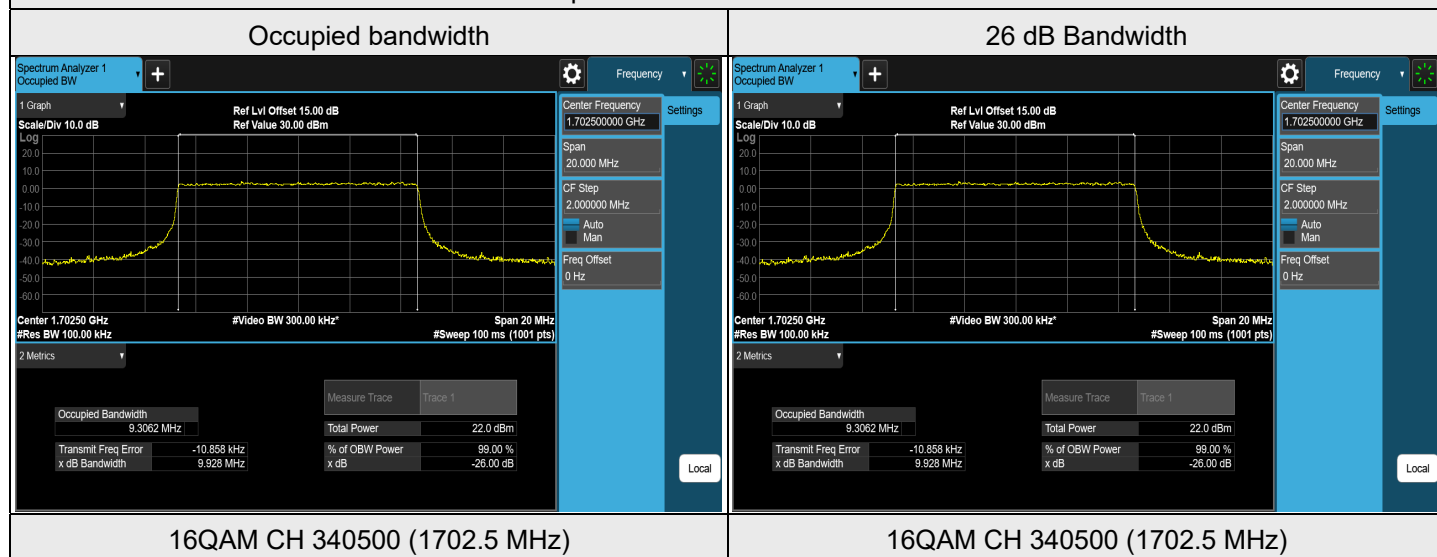
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	339500	1697.5	4.4653	4.967
QPSK	340500	1702.5	4.4652	4.929
QPSK	341500	1707.5	4.4637	4.913
BPSK	339500	1697.5	4.4874	4.883
BPSK	340500	1702.5	4.4879	4.884
BPSK	341500	1707.5	4.4814	4.866
16QAM	339500	1697.5	4.4712	4.958
16QAM	340500	1702.5	4.4703	4.923
16QAM	341500	1707.5	4.4699	4.860
64QAM	339500	1697.5	4.4699	4.870
64QAM	340500	1702.5	4.4649	4.874
64QAM	341500	1707.5	4.4696	4.832
256QAM	339500	1697.5	4.4808	4.941
256QAM	340500	1702.5	4.4756	4.966
256QAM	341500	1707.5	4.4715	4.905



NR n70 SCS 15 kHz, MIMO-Ant 3, Channel Bandwidth: 10 MHz

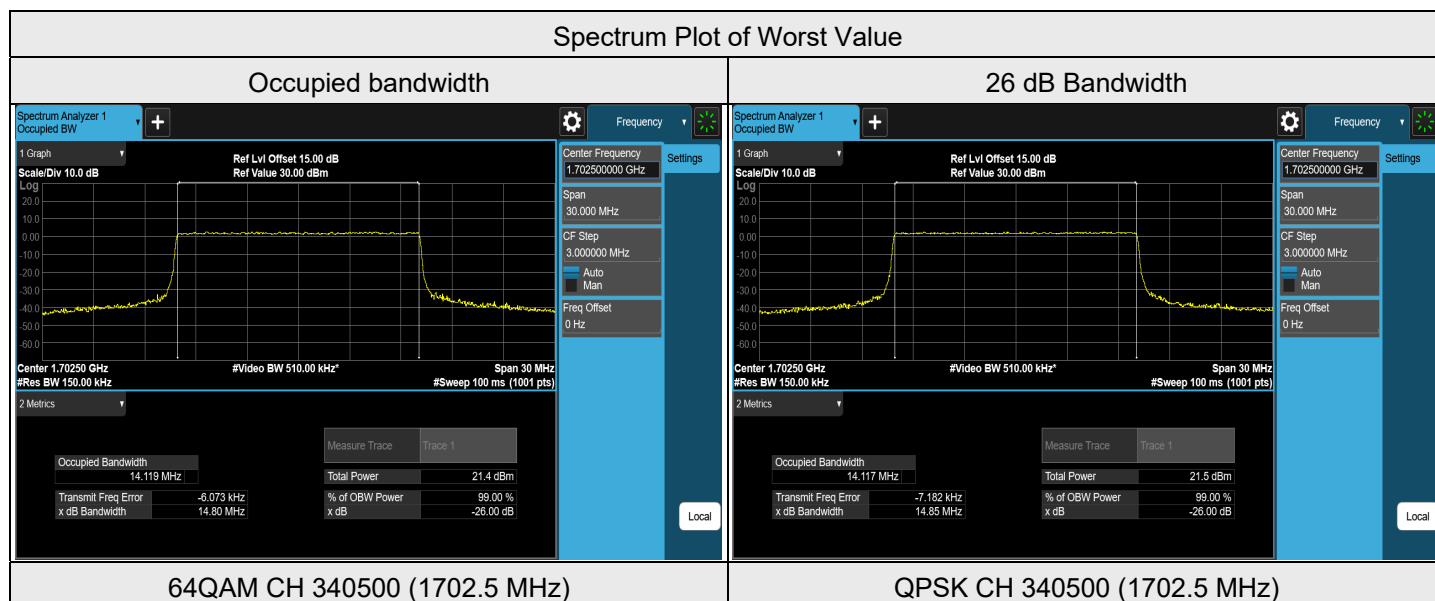
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	340000	1700	9.2788	9.823
QPSK	340500	1702.5	9.2804	9.884
QPSK	341000	1705	9.2773	9.853
BPSK	340000	1700	8.9285	9.348
BPSK	340500	1702.5	8.9300	9.403
BPSK	341000	1705	8.9265	9.363
16QAM	340000	1700	9.2933	9.889
16QAM	340500	1702.5	9.3062	9.928
16QAM	341000	1705	9.3018	9.861
64QAM	340000	1700	9.2902	9.836
64QAM	340500	1702.5	9.2866	9.859
64QAM	341000	1705	9.2854	9.859
256QAM	340000	1700	9.2924	9.839
256QAM	340500	1702.5	9.2903	9.834
256QAM	341000	1705	9.2952	9.869

Spectrum Plot of Worst Value



NR n70 SCS 15 kHz, MIMO-Ant 3, Channel Bandwidth: 15 MHz

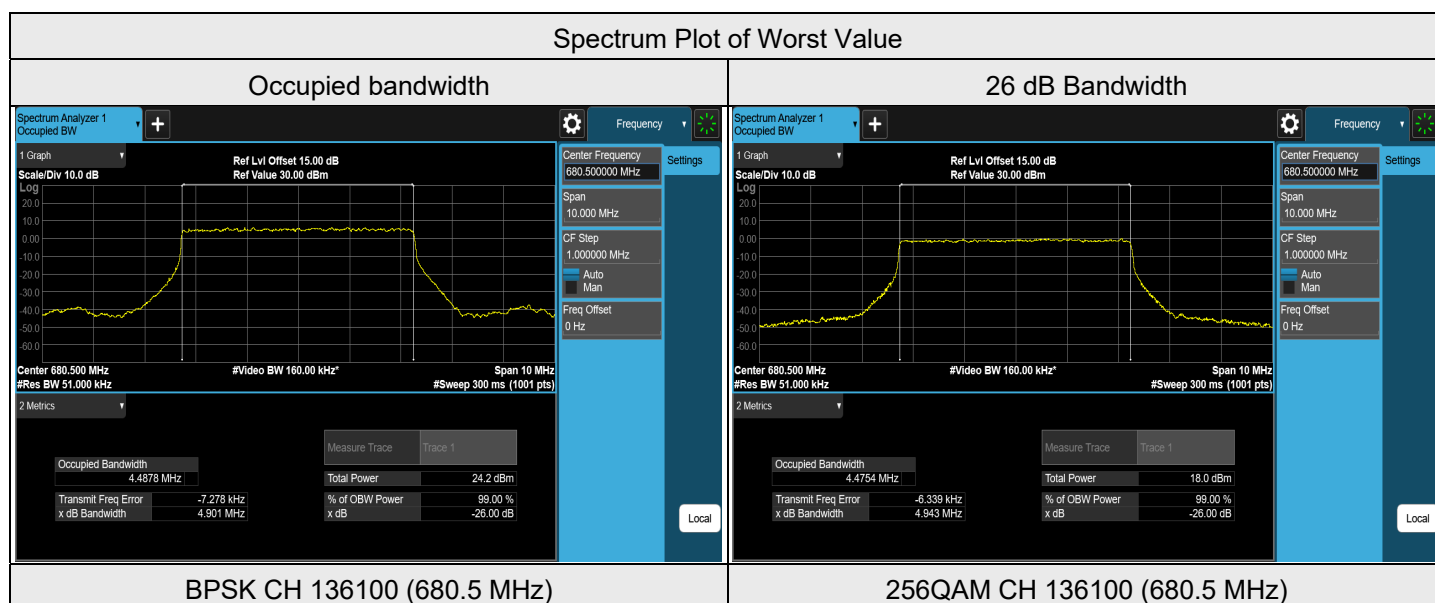
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	340500	1702.5	14.1171	14.854
BPSK	340500	1702.5	13.4143	14.046
16QAM	340500	1702.5	14.1141	14.725
64QAM	340500	1702.5	14.1188	14.800
256QAM	340500	1702.5	14.0902	14.751



7.4.14NR n71 SCS 15 kHz

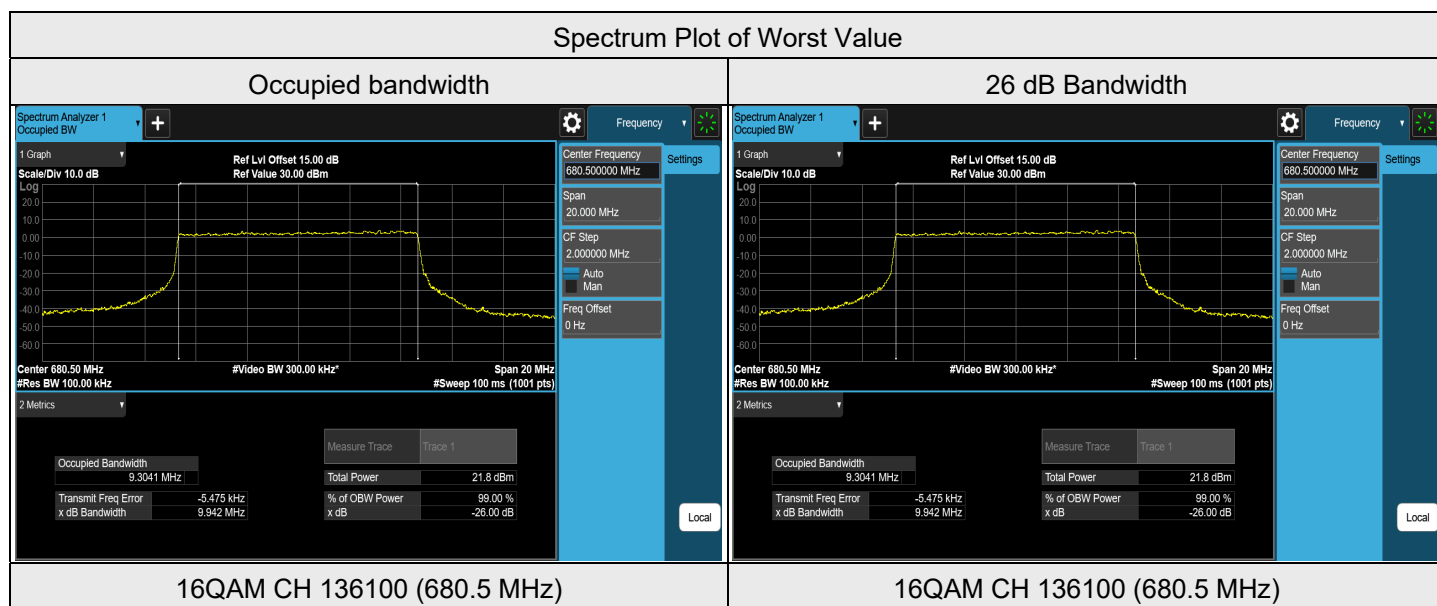
NR n71 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133100	665.5	4.4662	4.881
QPSK	136100	680.5	4.4657	4.884
QPSK	139100	695.5	4.4620	4.887
BPSK	133100	665.5	4.4809	4.873
BPSK	136100	680.5	4.4878	4.901
BPSK	139100	695.5	4.4833	4.843
16QAM	133100	665.5	4.4714	4.911
16QAM	136100	680.5	4.4679	4.907
16QAM	139100	695.5	4.4672	4.925
64QAM	133100	665.5	4.4704	4.834
64QAM	136100	680.5	4.4662	4.851
64QAM	139100	695.5	4.4696	4.876
256QAM	133100	665.5	4.4770	4.880
256QAM	136100	680.5	4.4754	4.943
256QAM	139100	695.5	4.4758	4.893



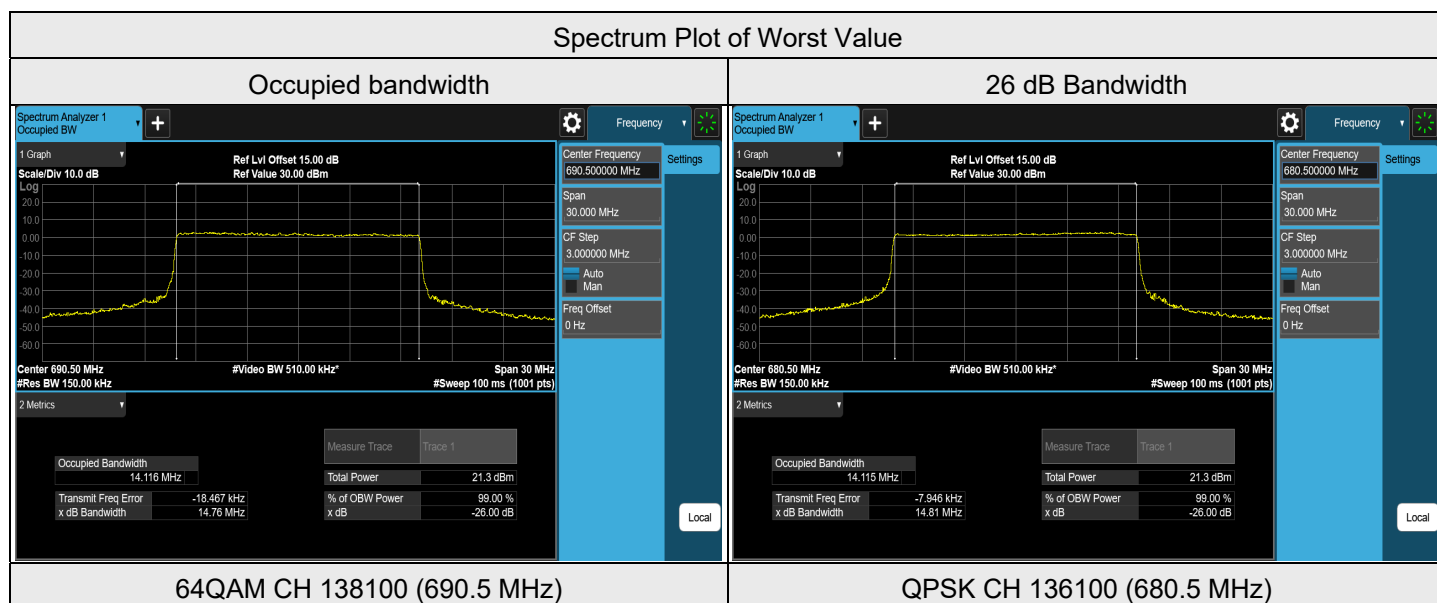
NR n71 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133600	668	9.2630	9.830
QPSK	136100	680.5	9.2853	9.894
QPSK	138600	693	9.2791	9.859
BPSK	133600	668	8.9132	9.343
BPSK	136100	680.5	8.9301	9.412
BPSK	138600	693	8.9226	9.371
16QAM	133600	668	9.2885	9.905
16QAM	136100	680.5	9.3041	9.942
16QAM	138600	693	9.2953	9.927
64QAM	133600	668	9.2638	9.834
64QAM	136100	680.5	9.2847	9.868
64QAM	138600	693	9.2832	9.827
256QAM	133600	668	9.2737	9.766
256QAM	136100	680.5	9.2884	9.851
256QAM	138600	693	9.2802	9.781



NR n71 SCS 15 kHz, Channel Bandwidth: 15 MHz

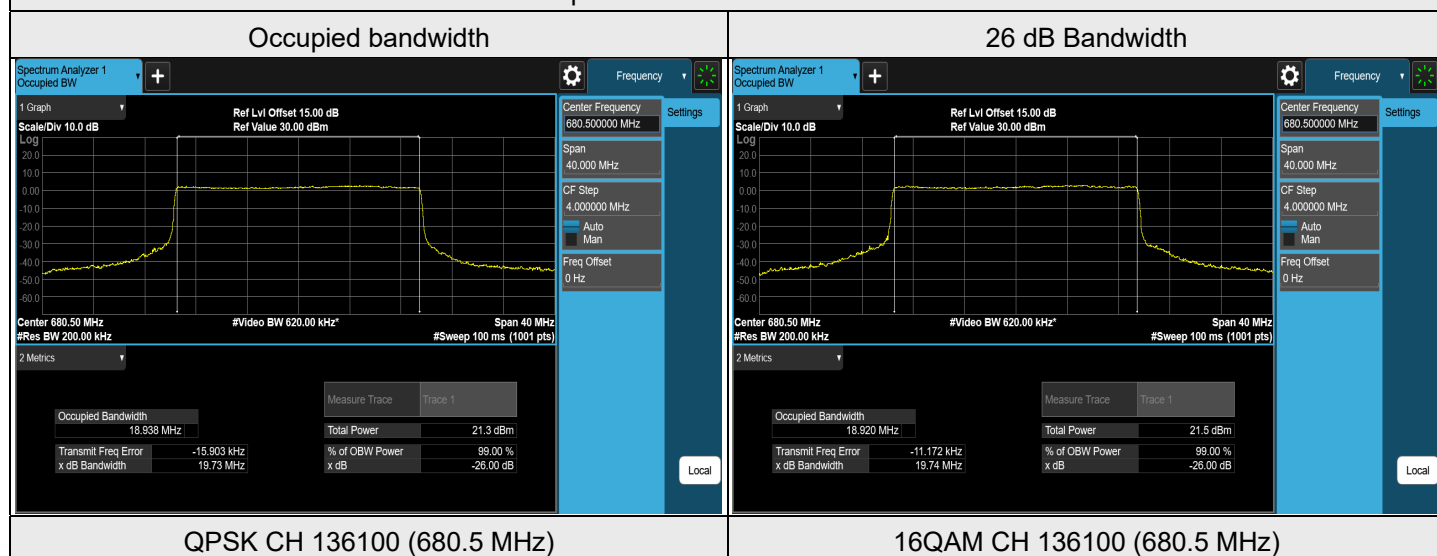
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	134100	670.5	14.0640	14.755
QPSK	136100	680.5	14.1152	14.809
QPSK	138100	690.5	14.1033	14.765
BPSK	134100	670.5	13.3679	13.937
BPSK	136100	680.5	13.4114	14.016
BPSK	138100	690.5	13.4021	13.946
16QAM	134100	670.5	14.0723	14.686
16QAM	136100	680.5	14.1110	14.711
16QAM	138100	690.5	14.1078	14.738
64QAM	134100	670.5	14.0759	14.695
64QAM	136100	680.5	14.1095	14.766
64QAM	138100	690.5	14.1162	14.757
256QAM	134100	670.5	14.0465	14.669
256QAM	136100	680.5	14.0904	14.693
256QAM	138100	690.5	14.0820	14.715



NR n71 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	134600	673	18.8805	19.693
QPSK	136100	680.5	18.9378	19.727
QPSK	137600	688	18.9011	19.699
BPSK	134600	673	17.8101	18.550
BPSK	136100	680.5	17.8565	18.574
BPSK	137600	688	17.8325	18.538
16QAM	134600	673	18.8763	19.700
16QAM	136100	680.5	18.9202	19.736
16QAM	137600	688	18.8897	19.668
64QAM	134600	673	18.8732	19.717
64QAM	136100	680.5	18.9347	19.701
64QAM	137600	688	18.8994	19.681
256QAM	134600	673	18.8711	19.619
256QAM	136100	680.5	18.9187	19.656
256QAM	137600	688	18.8907	19.642

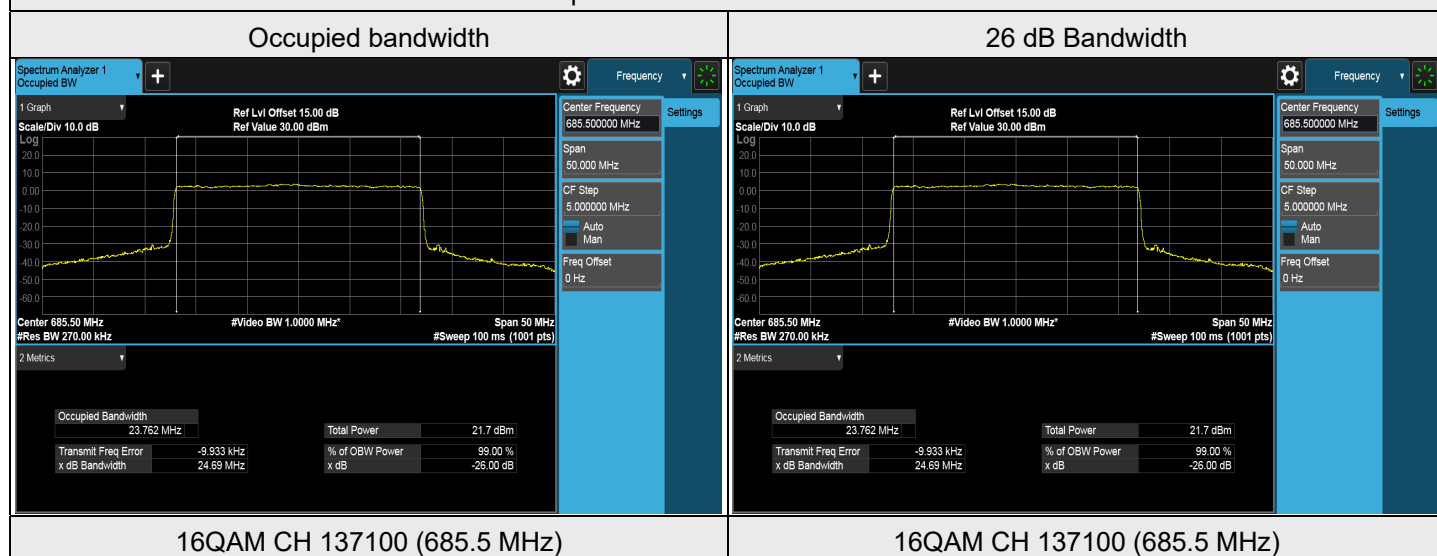
Spectrum Plot of Worst Value



NR n71 SCS 15 kHz, Channel Bandwidth: 25 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	135100	675.5	23.6963	24.634
QPSK	136100	680.5	23.7260	24.665
QPSK	137100	685.5	23.7406	24.667
BPSK	135100	675.5	22.8283	23.681
BPSK	136100	680.5	22.8739	23.713
BPSK	137100	685.5	22.8640	23.715
16QAM	135100	675.5	23.7121	24.663
16QAM	136100	680.5	23.7536	24.664
16QAM	137100	685.5	23.7619	24.687
64QAM	135100	675.5	23.6674	24.608
64QAM	136100	680.5	23.7233	24.632
64QAM	137100	685.5	23.7259	24.643
256QAM	135100	675.5	23.6764	24.650
256QAM	136100	680.5	23.7212	24.655
256QAM	137100	685.5	23.7241	24.652

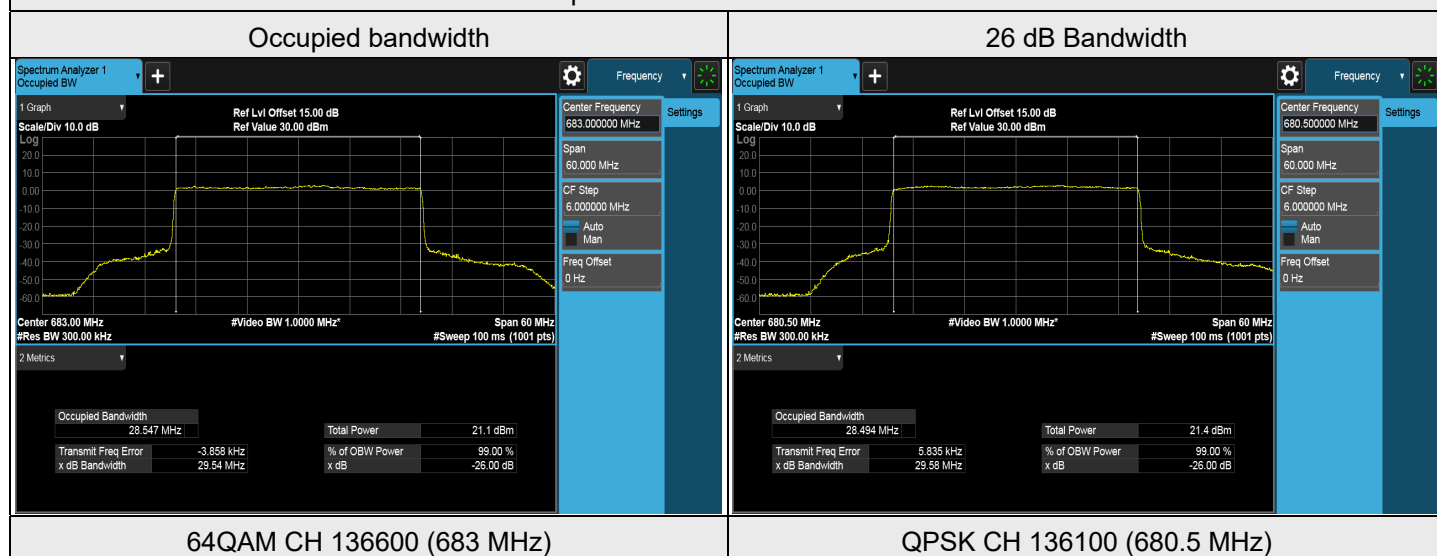
Spectrum Plot of Worst Value



NR n71 SCS 15 kHz, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	135600	678	28.4605	29.545
QPSK	136100	680.5	28.4942	29.577
QPSK	136600	683	28.5392	29.577
BPSK	135600	678	28.4428	29.500
BPSK	136100	680.5	28.4961	29.558
BPSK	136600	683	28.5426	29.551
16QAM	135600	678	28.4225	29.514
16QAM	136100	680.5	28.4751	29.552
16QAM	136600	683	28.5156	29.572
64QAM	135600	678	28.4578	29.538
64QAM	136100	680.5	28.4890	29.533
64QAM	136600	683	28.5474	29.542
256QAM	135600	678	28.4442	29.511
256QAM	136100	680.5	28.4761	29.547
256QAM	136600	683	28.5256	29.552

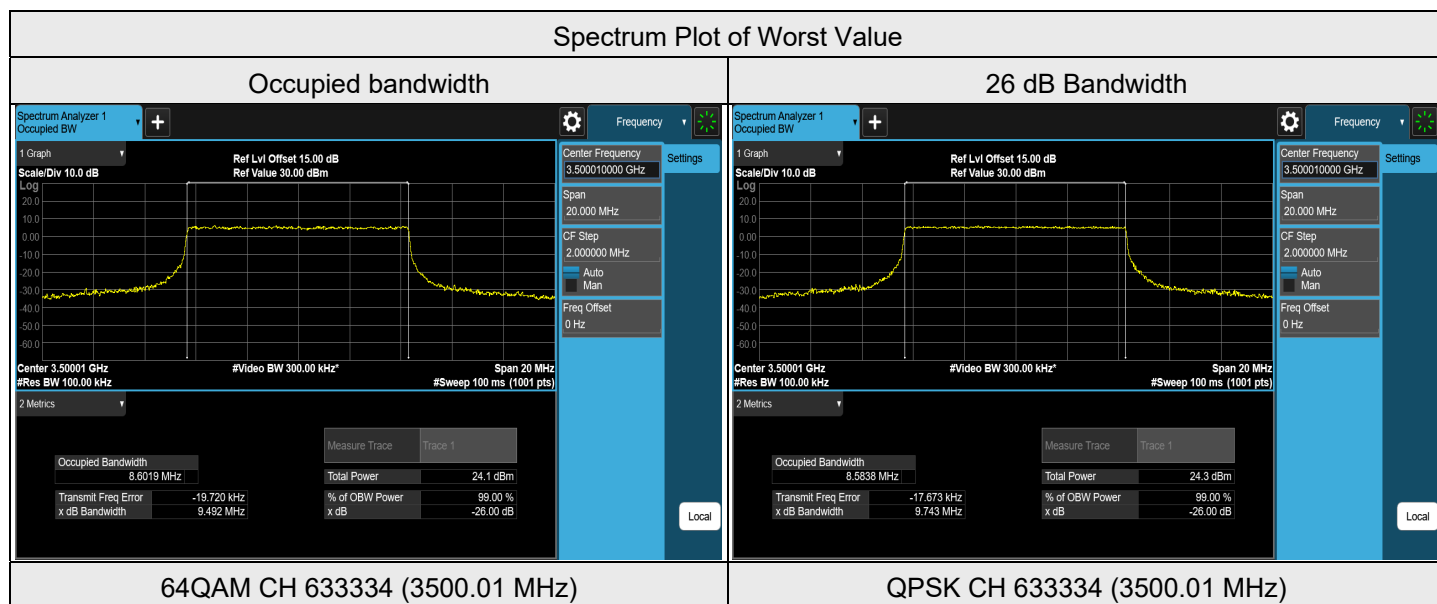
Spectrum Plot of Worst Value



7.4.15NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

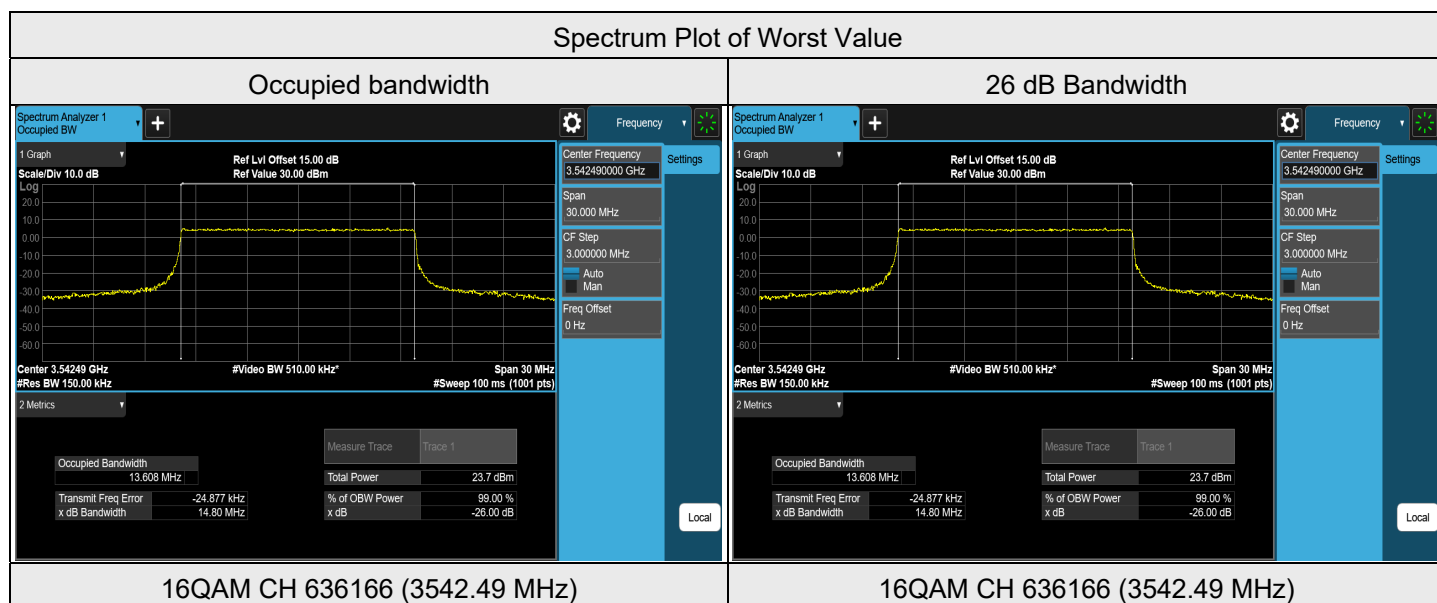
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	630334	3455.01	8.5912	9.729
QPSK	633334	3500.01	8.5838	9.743
QPSK	636332	3544.98	8.5880	9.652
BPSK	630334	3455.01	8.6009	9.410
BPSK	633334	3500.01	8.5944	9.455
BPSK	636332	3544.98	8.5891	9.425
16QAM	630334	3455.01	8.5830	9.542
16QAM	633334	3500.01	8.5810	9.444
16QAM	636332	3544.98	8.5803	9.506
64QAM	630334	3455.01	8.5940	9.537
64QAM	633334	3500.01	8.6019	9.492
64QAM	636332	3544.98	8.5944	9.524
256QAM	630334	3455.01	8.5868	9.474
256QAM	633334	3500.01	8.5898	9.337
256QAM	636332	3544.98	8.5862	9.396



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 15 MHz

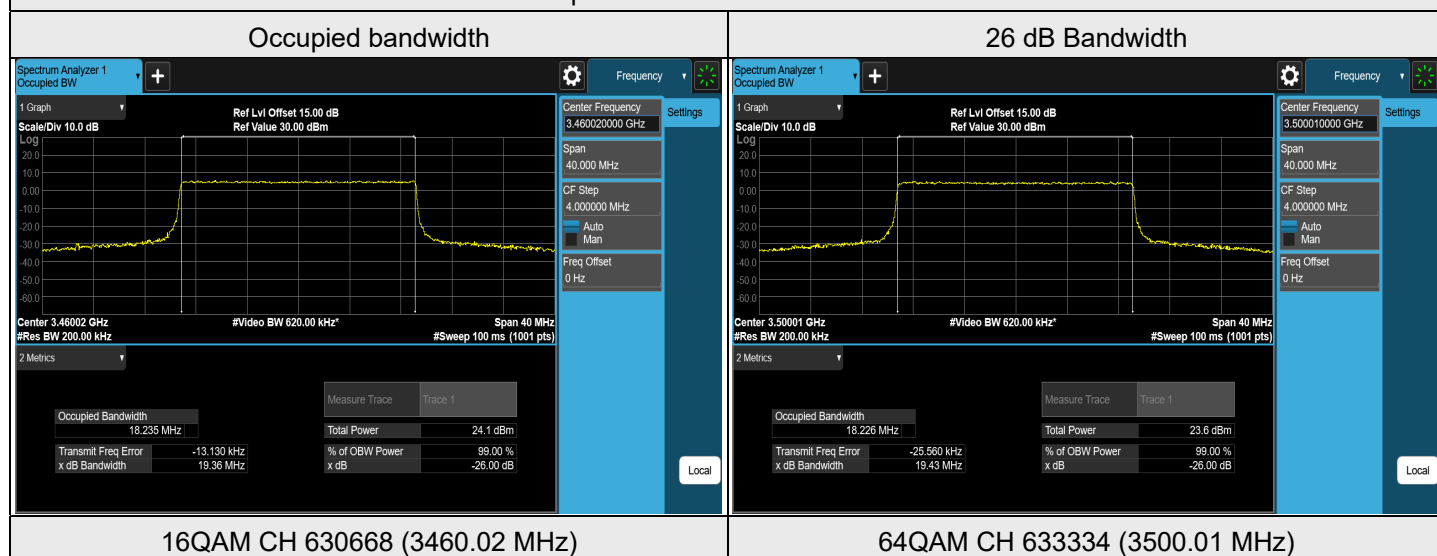
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	630500	3457.5	13.5852	14.717
QPSK	633334	3500.01	13.5842	14.664
QPSK	636166	3542.49	13.5826	14.632
BPSK	630500	3457.5	12.8844	13.799
BPSK	633334	3500.01	12.8842	13.827
BPSK	636166	3542.49	12.8734	13.675
16QAM	630500	3457.5	13.6019	14.771
16QAM	633334	3500.01	13.6029	14.580
16QAM	636166	3542.49	13.6082	14.802
64QAM	630500	3457.5	13.5825	14.602
64QAM	633334	3500.01	13.5844	14.525
64QAM	636166	3542.49	13.5803	14.521
256QAM	630500	3457.5	13.5758	14.551
256QAM	633334	3500.01	13.5833	14.529
256QAM	636166	3542.49	13.5913	14.682



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 20 MHz

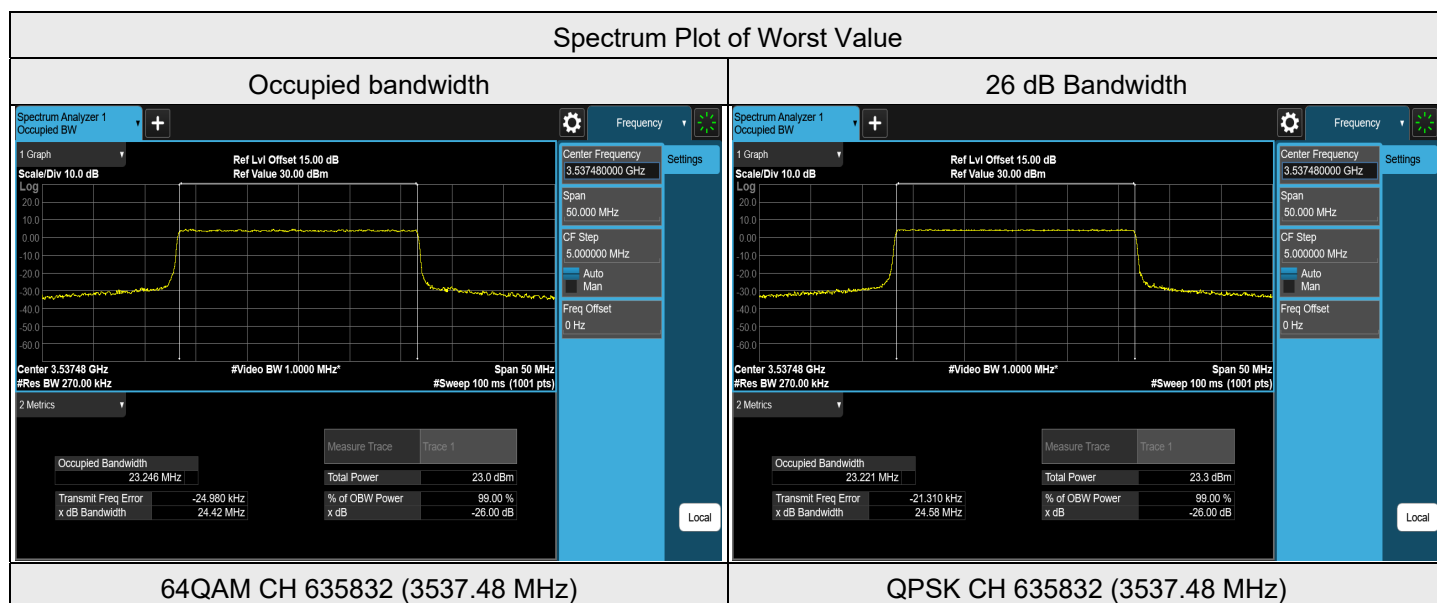
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	630668	3460.02	18.2175	19.315
QPSK	633334	3500.01	18.2127	19.243
QPSK	636000	3540	18.2095	19.188
BPSK	630668	3460.02	17.8931	18.667
BPSK	633334	3500.01	17.8685	18.782
BPSK	636000	3540	17.8733	18.752
16QAM	630668	3460.02	18.2353	19.359
16QAM	633334	3500.01	18.2224	19.378
16QAM	636000	3540	18.2346	19.232
64QAM	630668	3460.02	18.2123	19.147
64QAM	633334	3500.01	18.2262	19.429
64QAM	636000	3540	18.2073	19.370
256QAM	630668	3460.02	18.2294	19.235
256QAM	633334	3500.01	18.2228	19.300
256QAM	636000	3540	18.2175	19.338

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 25 MHz

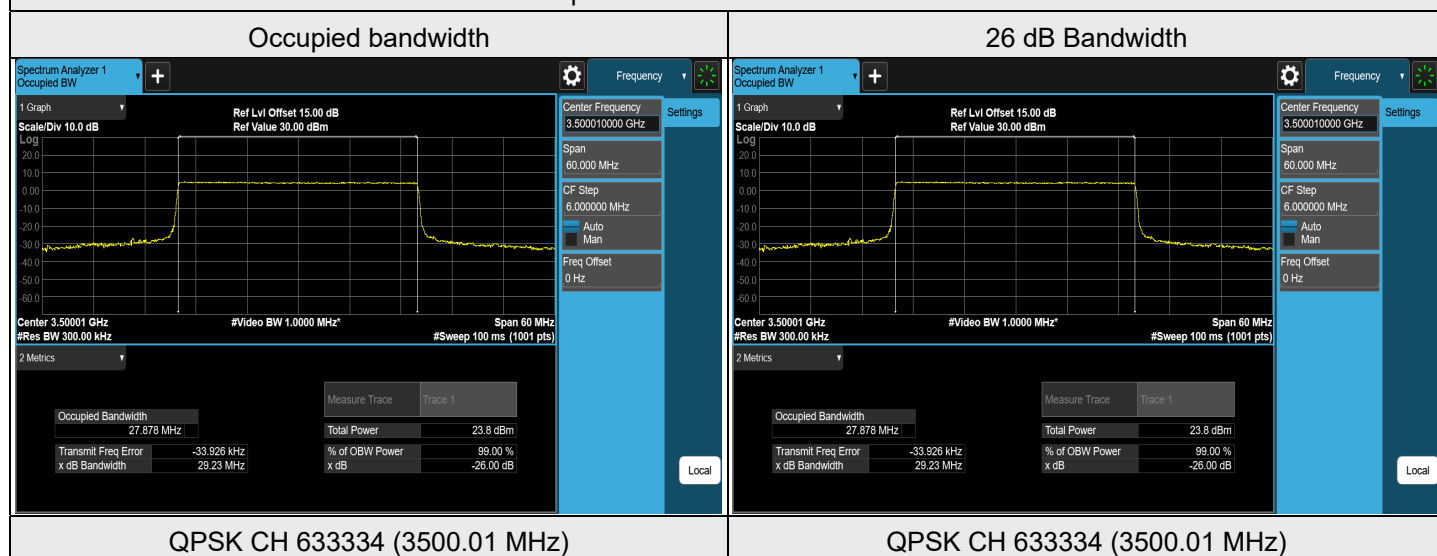
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	630834	3462.51	23.2211	24.429
QPSK	633334	3500.01	23.2144	24.447
QPSK	635832	3537.48	23.2207	24.576
BPSK	630834	3462.51	22.8803	23.958
BPSK	633334	3500.01	22.8793	24.014
BPSK	635832	3537.48	22.8795	23.936
16QAM	630834	3462.51	23.2303	24.304
16QAM	633334	3500.01	23.2245	24.379
16QAM	635832	3537.48	23.2268	24.345
64QAM	630834	3462.51	23.2329	24.490
64QAM	633334	3500.01	23.2399	24.529
64QAM	635832	3537.48	23.2462	24.424
256QAM	630834	3462.51	23.2346	24.285
256QAM	633334	3500.01	23.2377	24.440
256QAM	635832	3537.48	23.2413	24.291



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	631000	3465	27.8719	29.208
QPSK	633334	3500.01	27.8779	29.233
QPSK	635666	3534.99	27.8648	29.186
BPSK	631000	3465	26.8093	28.068
BPSK	633334	3500.01	26.7920	27.941
BPSK	635666	3534.99	26.8089	27.978
16QAM	631000	3465	27.8752	29.103
16QAM	633334	3500.01	27.8619	29.159
16QAM	635666	3534.99	27.8741	29.147
64QAM	631000	3465	27.8422	29.190
64QAM	633334	3500.01	27.8416	29.107
64QAM	635666	3534.99	27.8489	29.054
256QAM	631000	3465	27.8671	28.992
256QAM	633334	3500.01	27.8774	29.011
256QAM	635666	3534.99	27.8662	29.091

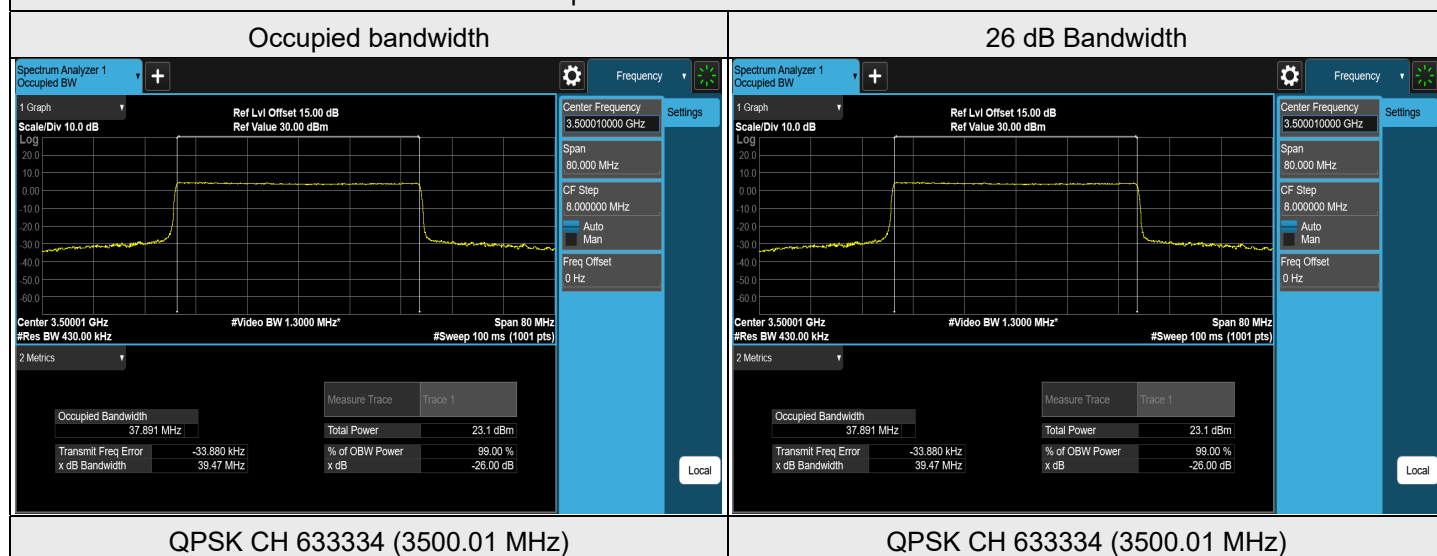
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	631334	3470.01	37.8573	39.437
QPSK	633334	3500.01	37.8906	39.472
QPSK	635332	3529.98	37.8490	39.441
BPSK	631334	3470.01	35.7732	37.149
BPSK	633334	3500.01	35.7807	37.147
BPSK	635332	3529.98	35.7602	37.135
16QAM	631334	3470.01	37.8547	39.335
16QAM	633334	3500.01	37.8661	39.341
16QAM	635332	3529.98	37.8544	39.351
64QAM	631334	3470.01	37.8671	39.389
64QAM	633334	3500.01	37.8816	39.329
64QAM	635332	3529.98	37.8644	39.387
256QAM	631334	3470.01	37.8591	39.273
256QAM	633334	3500.01	37.8873	39.257
256QAM	635332	3529.98	37.8538	39.238

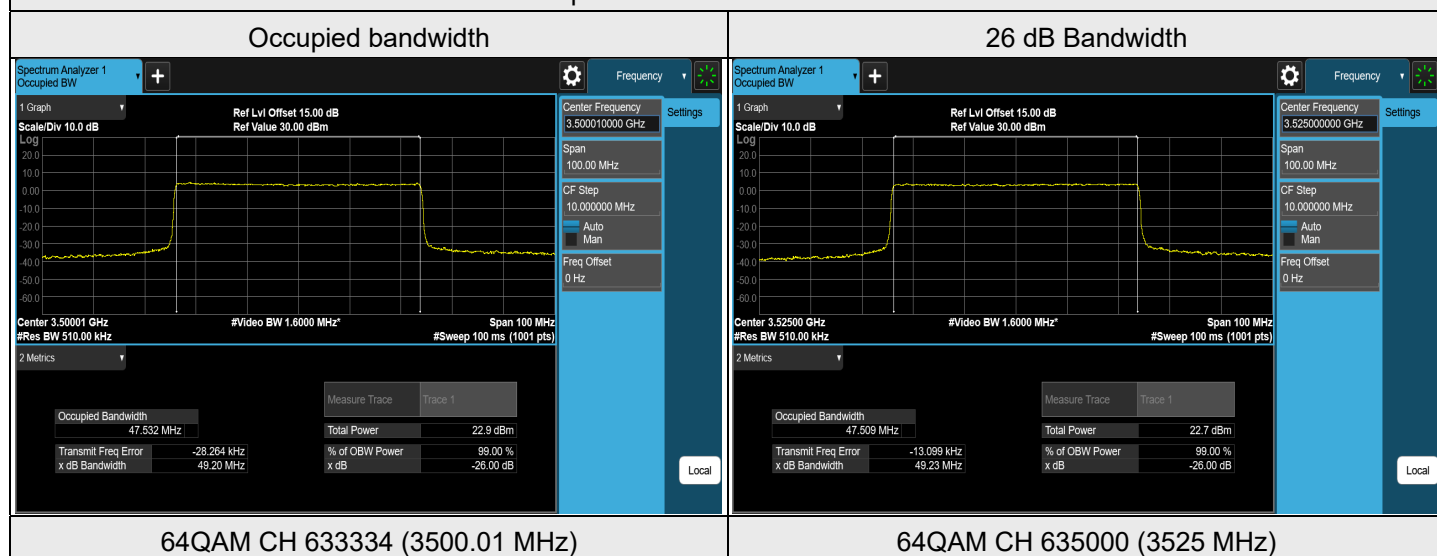
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 50 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	631668	3475.02	47.4737	49.226
QPSK	633334	3500.01	47.4937	49.174
QPSK	635000	3525	47.4897	49.222
BPSK	631668	3475.02	45.7409	47.369
BPSK	633334	3500.01	45.8040	47.399
BPSK	635000	3525	45.7808	47.387
16QAM	631668	3475.02	47.4378	49.225
16QAM	633334	3500.01	47.4859	49.224
16QAM	635000	3525	47.4622	49.196
64QAM	631668	3475.02	47.4876	49.223
64QAM	633334	3500.01	47.5321	49.202
64QAM	635000	3525	47.5090	49.231
256QAM	631668	3475.02	47.4804	49.171
256QAM	633334	3500.01	47.5237	49.200
256QAM	635000	3525	47.4972	49.158

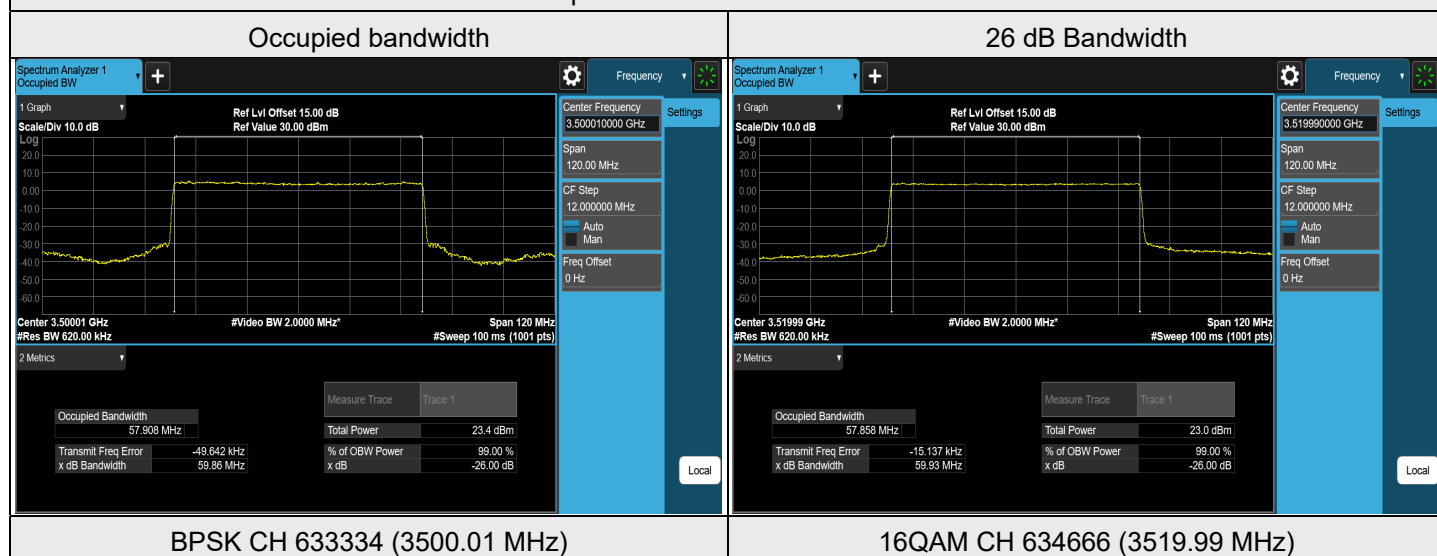
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 60 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	632000	3480	57.8130	59.897
QPSK	633334	3500.01	57.8587	59.888
QPSK	634666	3519.99	57.8210	59.872
BPSK	632000	3480	57.8822	59.835
BPSK	633334	3500.01	57.9084	59.859
BPSK	634666	3519.99	57.8977	59.823
16QAM	632000	3480	57.8170	59.909
16QAM	633334	3500.01	57.8687	59.922
16QAM	634666	3519.99	57.8579	59.926
64QAM	632000	3480	57.8057	59.880
64QAM	633334	3500.01	57.8469	59.844
64QAM	634666	3519.99	57.8483	59.868
256QAM	632000	3480	57.8296	59.818
256QAM	633334	3500.01	57.8827	59.891
256QAM	634666	3519.99	57.8677	59.840

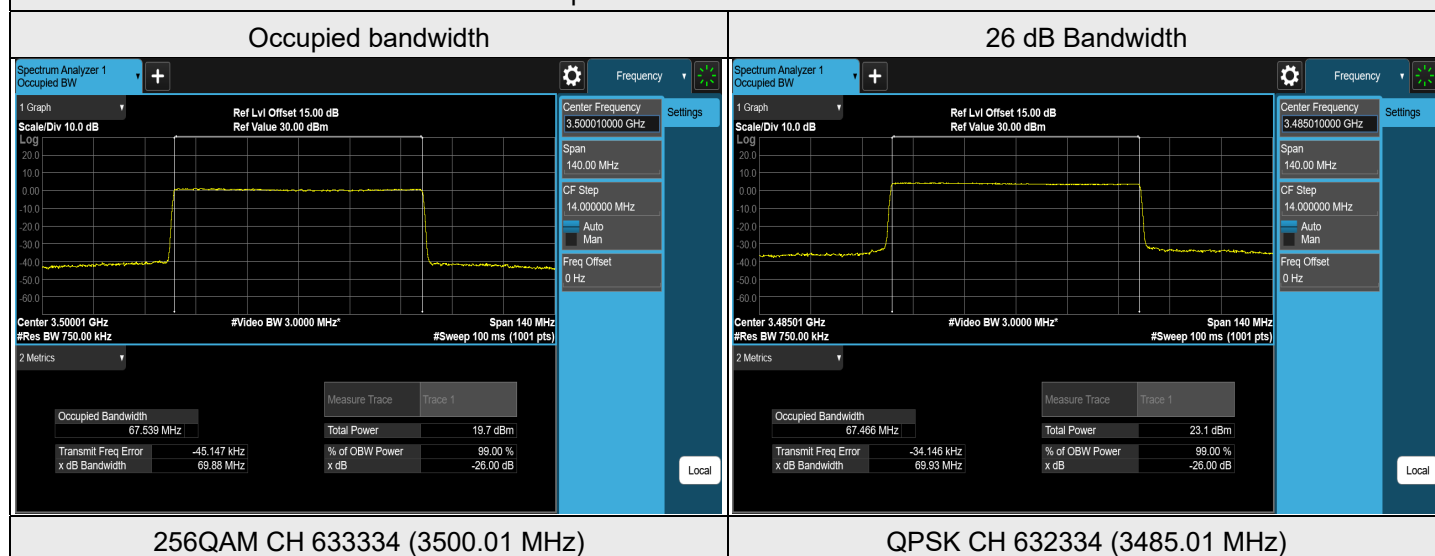
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 70 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	632334	3485.01	67.4660	69.934
QPSK	633334	3500.01	67.5127	69.925
QPSK	634332	3514.98	67.5104	69.920
BPSK	632334	3485.01	64.2742	66.621
BPSK	633334	3500.01	64.3644	66.600
BPSK	634332	3514.98	64.3843	66.661
16QAM	632334	3485.01	67.4820	69.863
16QAM	633334	3500.01	67.5218	69.866
16QAM	634332	3514.98	67.5165	69.901
64QAM	632334	3485.01	67.4066	69.883
64QAM	633334	3500.01	67.4635	69.889
64QAM	634332	3514.98	67.4636	69.924
256QAM	632334	3485.01	67.4749	69.869
256QAM	633334	3500.01	67.5390	69.877
256QAM	634332	3514.98	67.5275	69.877

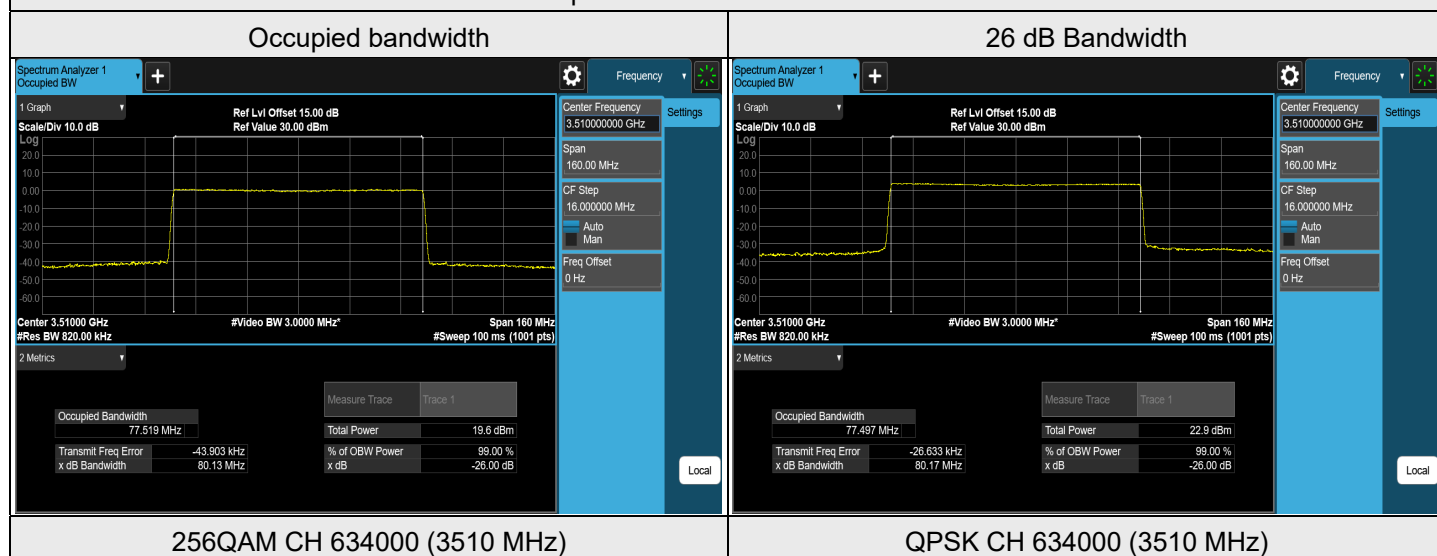
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	632668	3490.02	77.4890	80.132
QPSK	633334	3500.01	77.4984	80.159
QPSK	634000	3510	77.4967	80.174
BPSK	632668	3490.02	77.1519	79.746
BPSK	633334	3500.01	77.1420	79.764
BPSK	634000	3510	77.1360	79.755
16QAM	632668	3490.02	77.5038	80.117
16QAM	633334	3500.01	77.5097	80.151
16QAM	634000	3510	77.5170	80.152
64QAM	632668	3490.02	77.4374	80.133
64QAM	633334	3500.01	77.4538	80.117
64QAM	634000	3510	77.4663	80.115
256QAM	632668	3490.02	77.4783	80.108
256QAM	633334	3500.01	77.5046	80.134
256QAM	634000	3510	77.5186	80.129

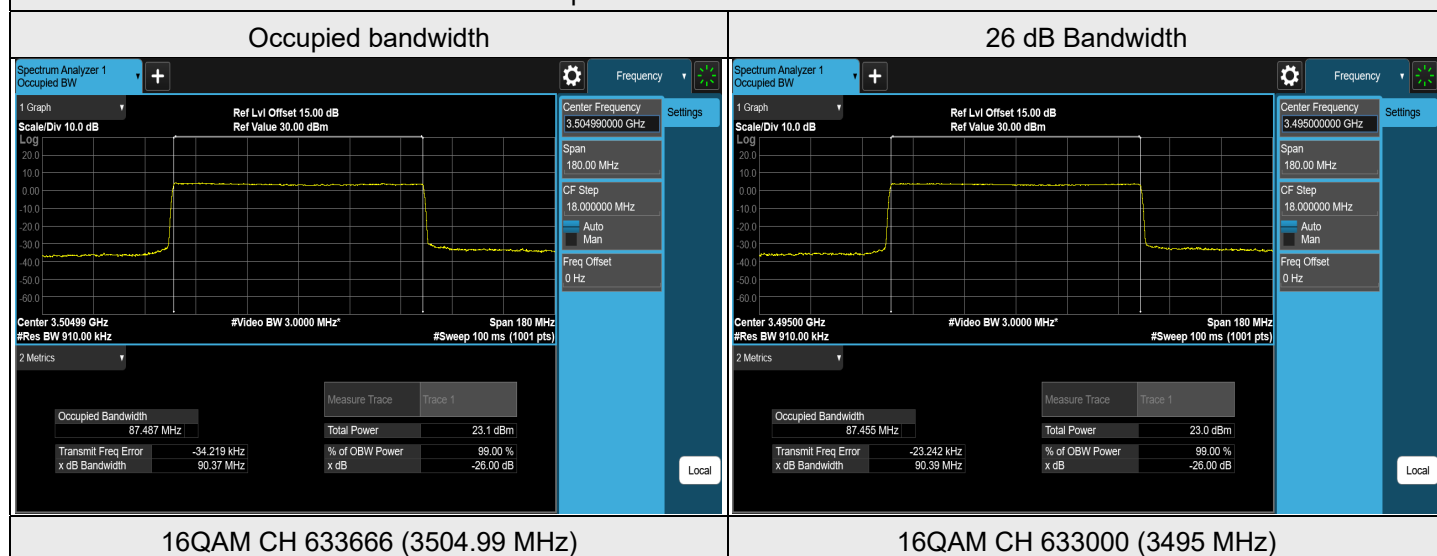
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 90 MHz

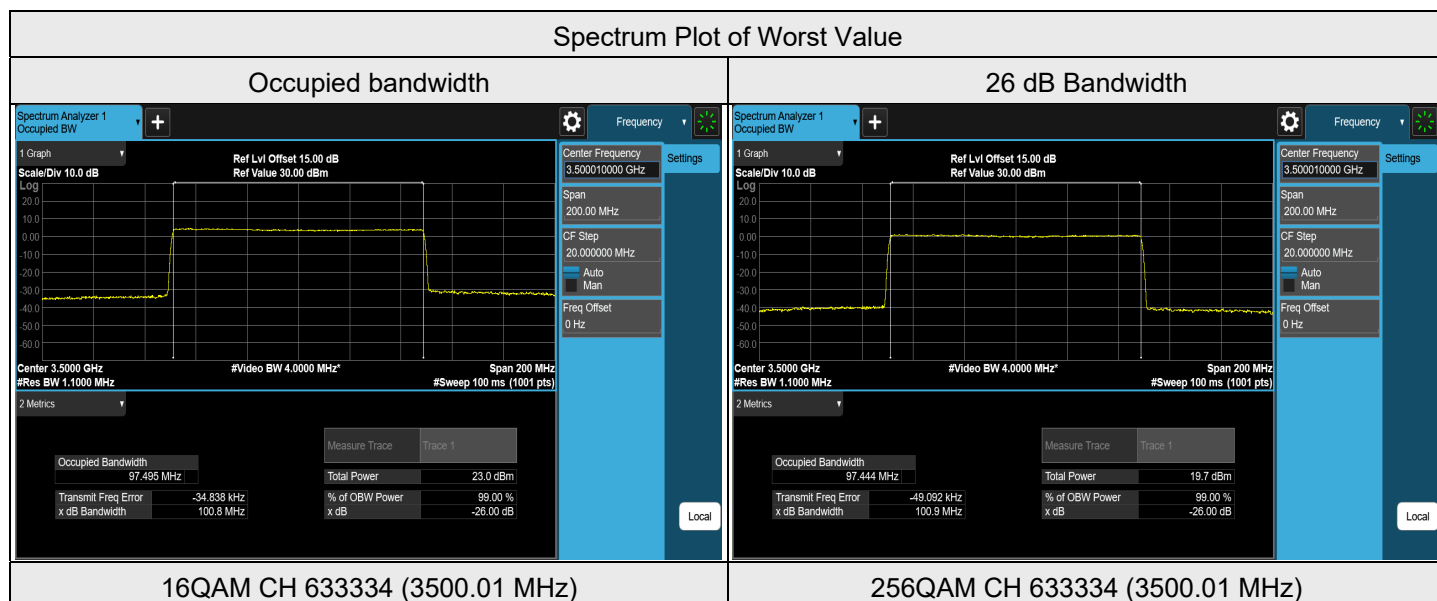
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	633000	3495	87.4478	90.378
QPSK	633334	3500.01	87.4507	90.361
QPSK	633666	3504.99	87.4654	90.379
BPSK	633000	3495	86.8053	89.668
BPSK	633334	3500.01	86.7378	89.680
BPSK	633666	3504.99	86.8017	89.664
16QAM	633000	3495	87.4545	90.387
16QAM	633334	3500.01	87.4666	90.386
16QAM	633666	3504.99	87.4869	90.375
64QAM	633000	3495	87.4627	90.375
64QAM	633334	3500.01	87.4475	90.355
64QAM	633666	3504.99	87.4376	90.377
256QAM	633000	3495	87.4329	90.376
256QAM	633334	3500.01	87.4320	90.372
256QAM	633666	3504.99	87.4230	90.367

Spectrum Plot of Worst Value



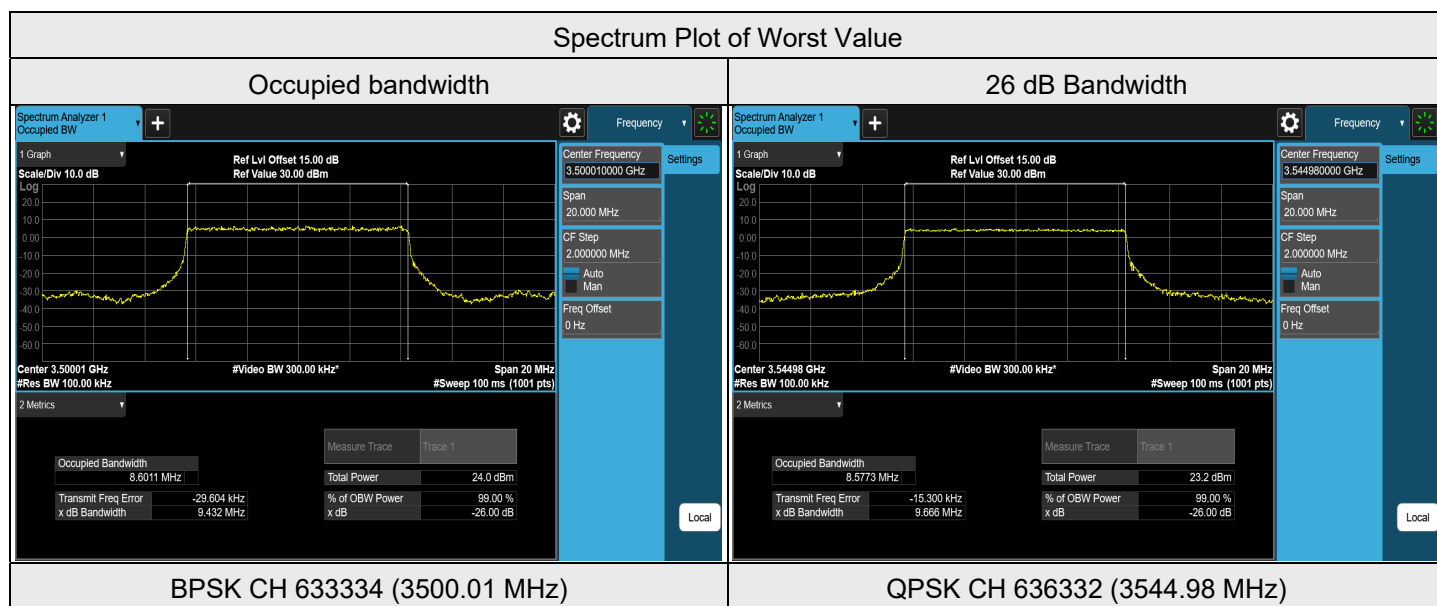
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 100 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	633334	3500.01	97.4719	100.871
BPSK	633334	3500.01	96.4520	99.824
16QAM	633334	3500.01	97.4953	100.842
64QAM	633334	3500.01	97.4319	100.852
256QAM	633334	3500.01	97.4445	100.897



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 10 MHz

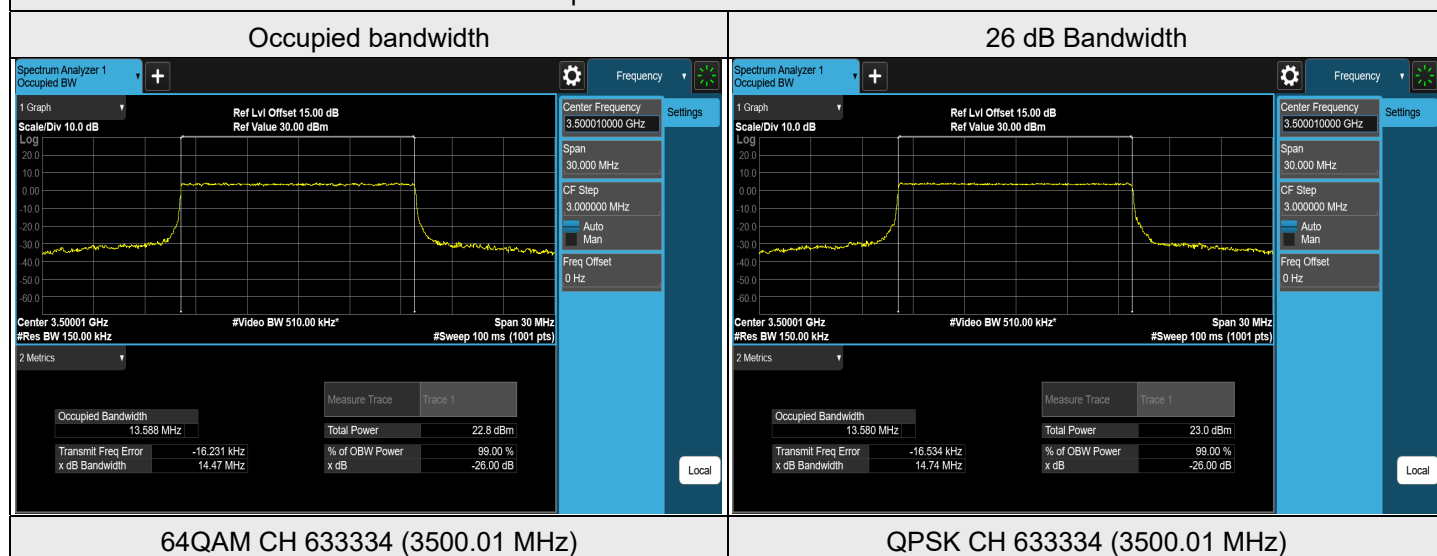
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	630334	3455.01	8.5824	9.643
QPSK	633334	3500.01	8.5795	9.551
QPSK	636332	3544.98	8.5773	9.666
BPSK	630334	3455.01	8.5827	9.358
BPSK	633334	3500.01	8.6011	9.432
BPSK	636332	3544.98	8.5823	9.422
16QAM	630334	3455.01	8.5772	9.550
16QAM	633334	3500.01	8.5749	9.471
16QAM	636332	3544.98	8.5747	9.621
64QAM	630334	3455.01	8.5792	9.452
64QAM	633334	3500.01	8.5787	9.498
64QAM	636332	3544.98	8.5768	9.534
256QAM	630334	3455.01	8.5891	9.369
256QAM	633334	3500.01	8.5929	9.454
256QAM	636332	3544.98	8.5837	9.383



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	630500	3457.5	13.5776	14.727
QPSK	633334	3500.01	13.5803	14.737
QPSK	636166	3542.49	13.5723	14.655
BPSK	630500	3457.5	12.8713	13.736
BPSK	633334	3500.01	12.8772	13.742
BPSK	636166	3542.49	12.8792	13.742
16QAM	630500	3457.5	13.5665	14.552
16QAM	633334	3500.01	13.5638	14.522
16QAM	636166	3542.49	13.5681	14.566
64QAM	630500	3457.5	13.5849	14.408
64QAM	633334	3500.01	13.5875	14.469
64QAM	636166	3542.49	13.5772	14.431
256QAM	630500	3457.5	13.5627	14.413
256QAM	633334	3500.01	13.5670	14.459
256QAM	636166	3542.49	13.5594	14.372

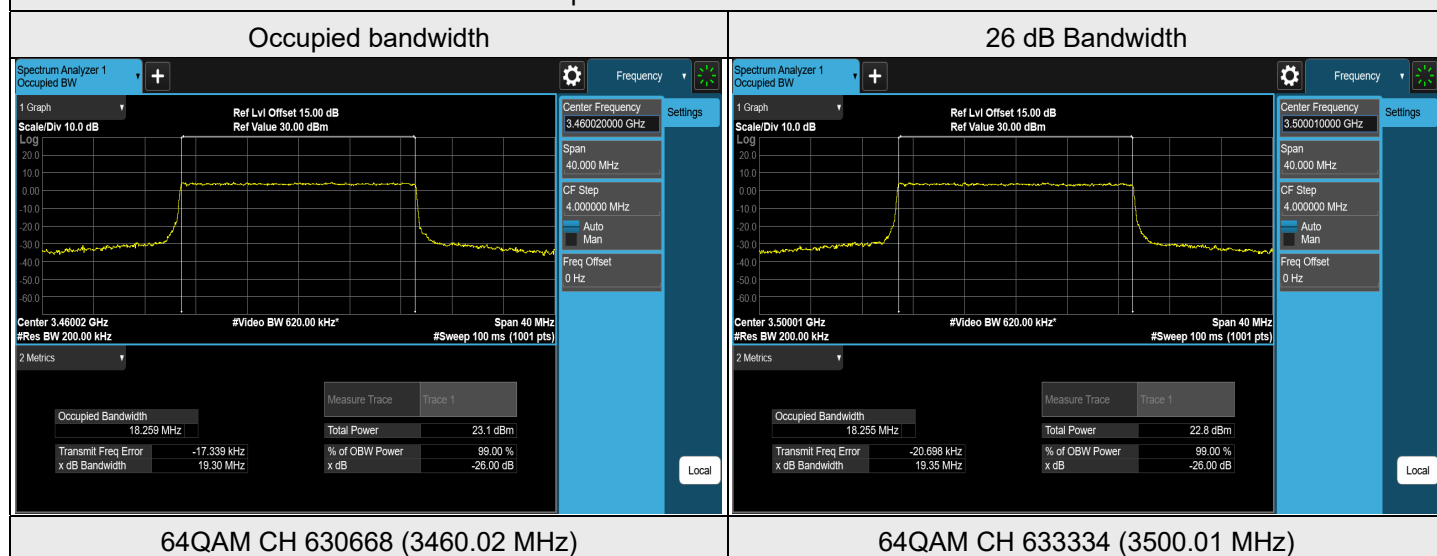
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 20 MHz

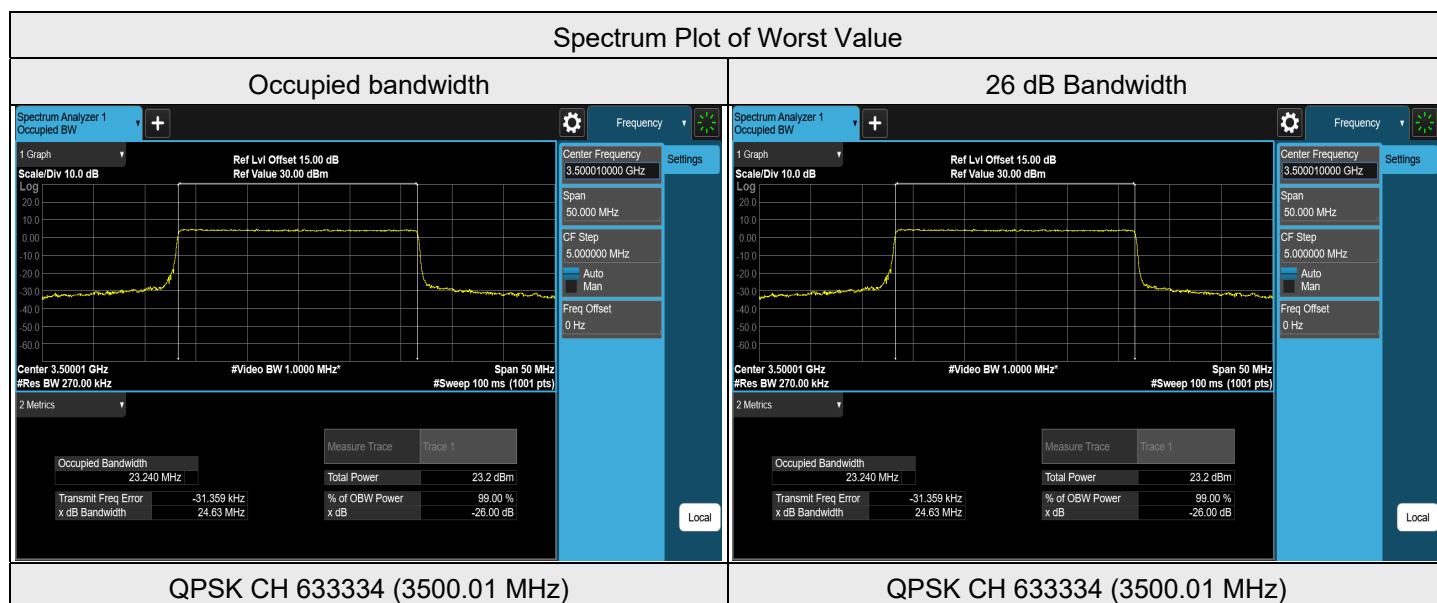
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	630668	3460.02	18.2156	19.167
QPSK	633334	3500.01	18.2078	19.136
QPSK	636000	3540	18.2119	19.279
BPSK	630668	3460.02	17.8885	18.851
BPSK	633334	3500.01	17.8606	18.781
BPSK	636000	3540	17.8871	18.721
16QAM	630668	3460.02	18.2237	19.275
16QAM	633334	3500.01	18.2244	19.186
16QAM	636000	3540	18.2264	19.134
64QAM	630668	3460.02	18.2590	19.300
64QAM	633334	3500.01	18.2548	19.348
64QAM	636000	3540	18.2338	19.280
256QAM	630668	3460.02	18.2393	19.225
256QAM	633334	3500.01	18.2414	19.202
256QAM	636000	3540	18.2282	19.168

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 25 MHz

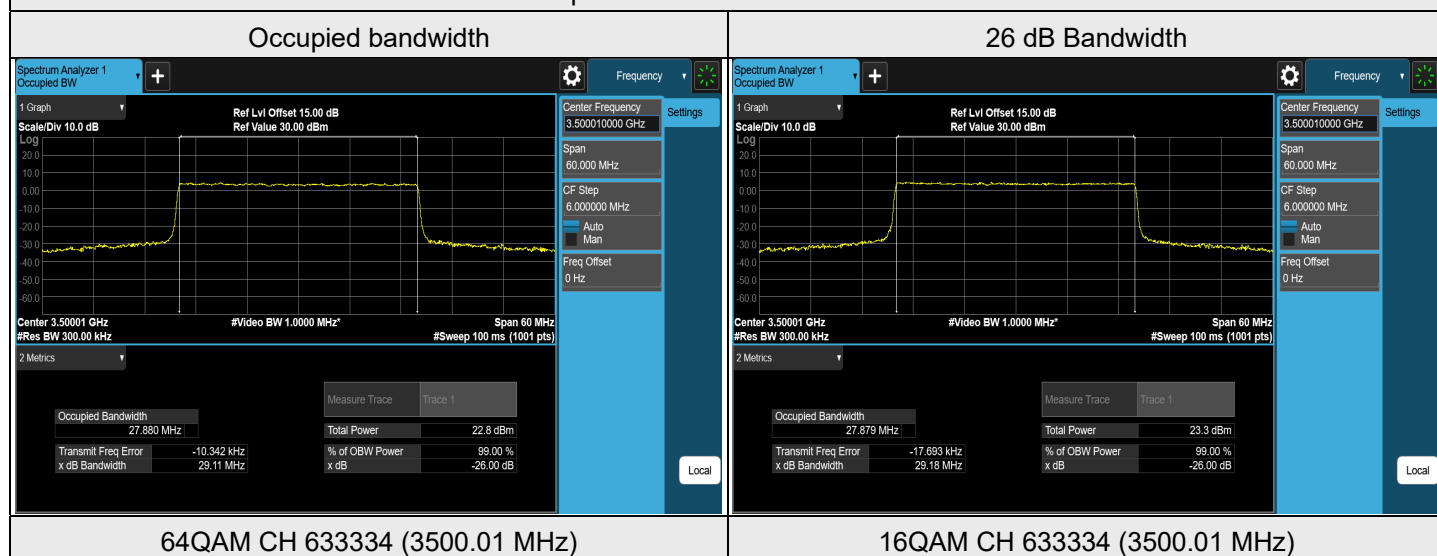
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	630834	3462.51	23.2264	24.458
QPSK	633334	3500.01	23.2397	24.630
QPSK	635832	3537.48	23.2315	24.424
BPSK	630834	3462.51	22.8769	23.902
BPSK	633334	3500.01	22.8746	23.828
BPSK	635832	3537.48	22.8660	23.836
16QAM	630834	3462.51	23.2252	24.295
16QAM	633334	3500.01	23.2113	24.315
16QAM	635832	3537.48	23.2091	24.439
64QAM	630834	3462.51	23.1896	24.210
64QAM	633334	3500.01	23.2051	24.255
64QAM	635832	3537.48	23.1901	24.312
256QAM	630834	3462.51	23.2362	24.409
256QAM	633334	3500.01	23.2394	24.503
256QAM	635832	3537.48	23.2282	24.455



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 30 MHz

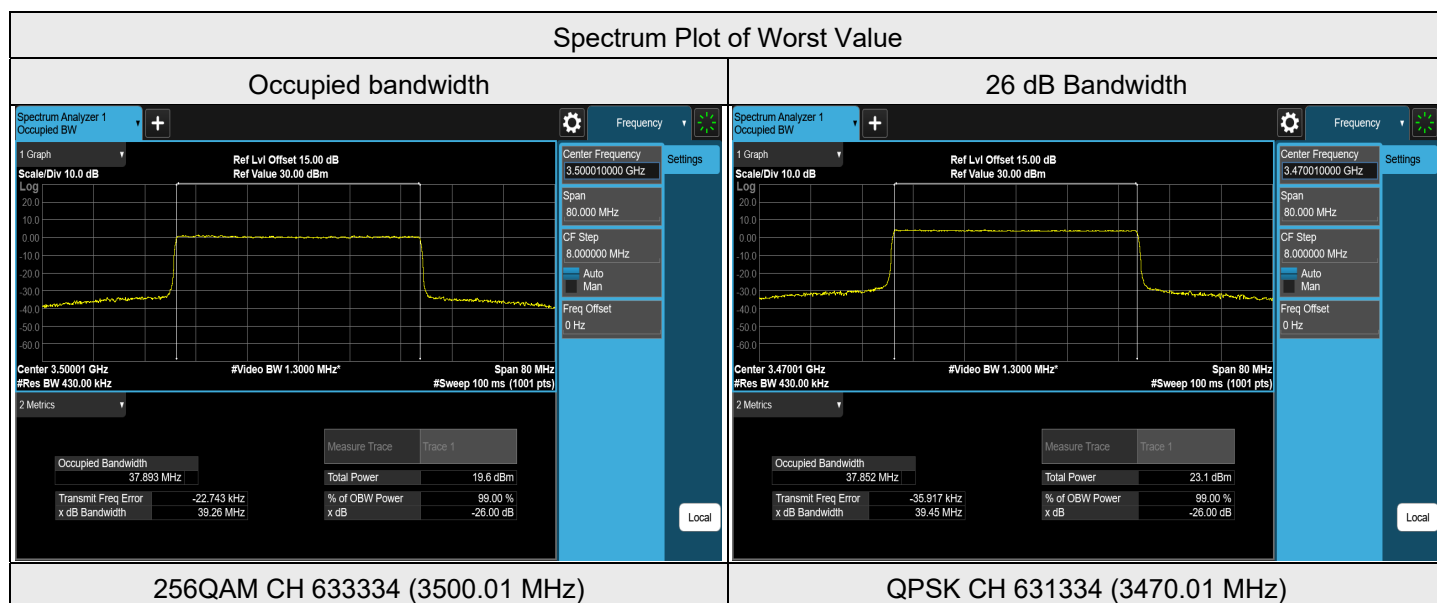
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	631000	3465	27.8521	29.056
QPSK	633334	3500.01	27.8710	29.071
QPSK	635666	3534.99	27.8526	29.082
BPSK	631000	3465	26.7968	28.039
BPSK	633334	3500.01	26.8078	27.956
BPSK	635666	3534.99	26.7958	27.959
16QAM	631000	3465	27.8615	29.057
16QAM	633334	3500.01	27.8789	29.181
16QAM	635666	3534.99	27.8595	29.155
64QAM	631000	3465	27.8454	29.093
64QAM	633334	3500.01	27.8802	29.113
64QAM	635666	3534.99	27.8600	29.079
256QAM	631000	3465	27.8553	29.047
256QAM	633334	3500.01	27.8639	29.035
256QAM	635666	3534.99	27.8565	29.032

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 40 MHz

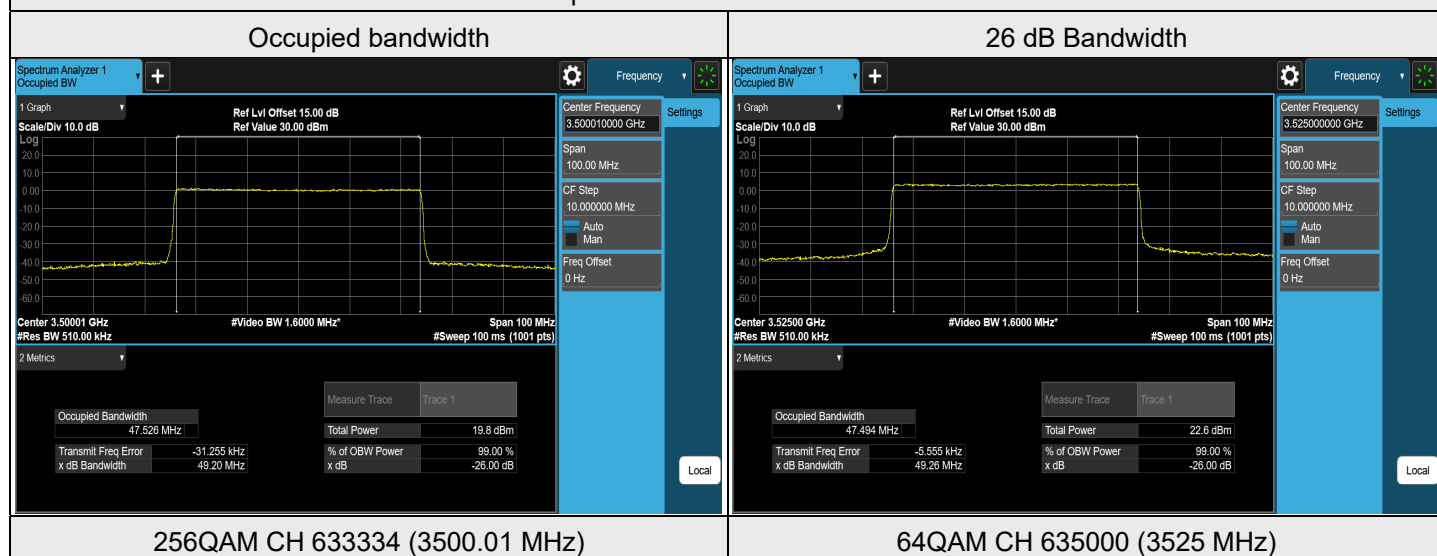
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	631334	3470.01	37.8522	39.446
QPSK	633334	3500.01	37.8798	39.437
QPSK	635332	3529.98	37.8551	39.410
BPSK	631334	3470.01	35.7744	37.142
BPSK	633334	3500.01	35.7852	37.165
BPSK	635332	3529.98	35.7666	37.139
16QAM	631334	3470.01	37.8515	39.318
16QAM	633334	3500.01	37.8754	39.293
16QAM	635332	3529.98	37.8652	39.355
64QAM	631334	3470.01	37.8533	39.380
64QAM	633334	3500.01	37.8879	39.333
64QAM	635332	3529.98	37.8759	39.345
256QAM	631334	3470.01	37.8391	39.290
256QAM	633334	3500.01	37.8935	39.256
256QAM	635332	3529.98	37.8548	39.283



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 50 MHz

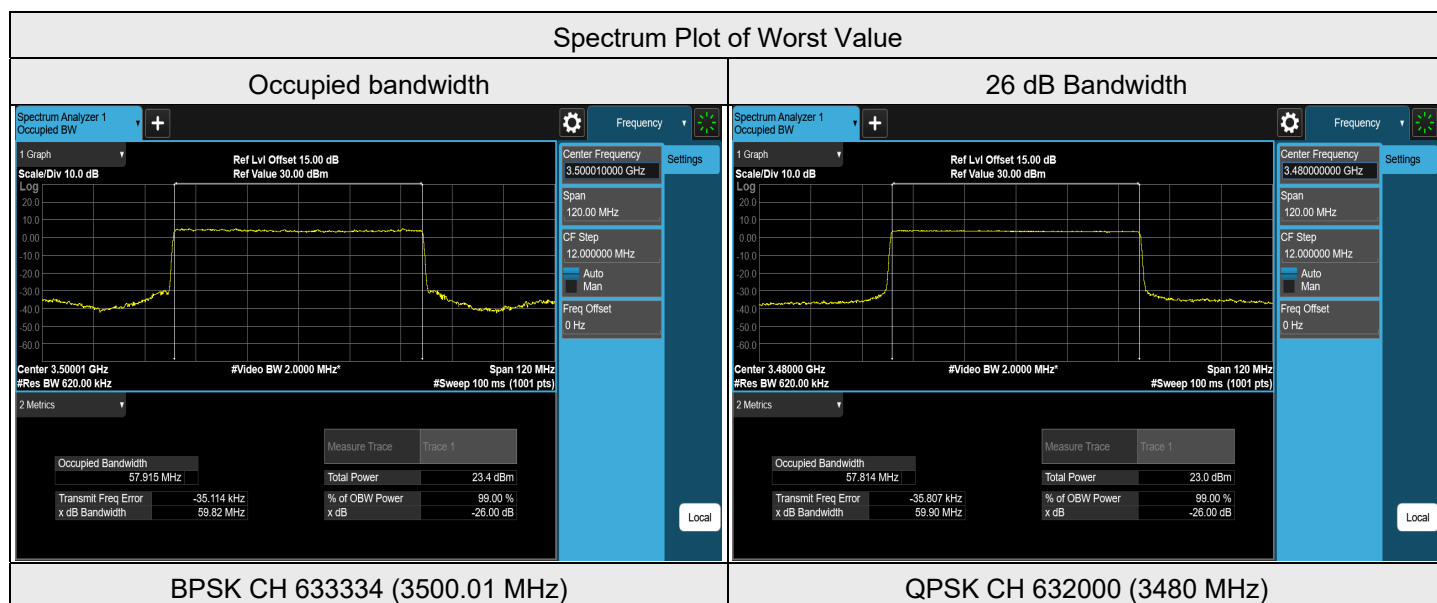
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	631668	3475.02	47.4590	49.192
QPSK	633334	3500.01	47.5117	49.235
QPSK	635000	3525	47.4690	49.195
BPSK	631668	3475.02	45.7645	47.383
BPSK	633334	3500.01	45.7870	47.388
BPSK	635000	3525	45.7898	47.393
16QAM	631668	3475.02	47.4420	49.235
16QAM	633334	3500.01	47.4796	49.218
16QAM	635000	3525	47.4589	49.220
64QAM	631668	3475.02	47.4759	49.220
64QAM	633334	3500.01	47.5197	49.189
64QAM	635000	3525	47.4942	49.256
256QAM	631668	3475.02	47.4729	49.130
256QAM	633334	3500.01	47.5265	49.196
256QAM	635000	3525	47.4866	49.153

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 60 MHz

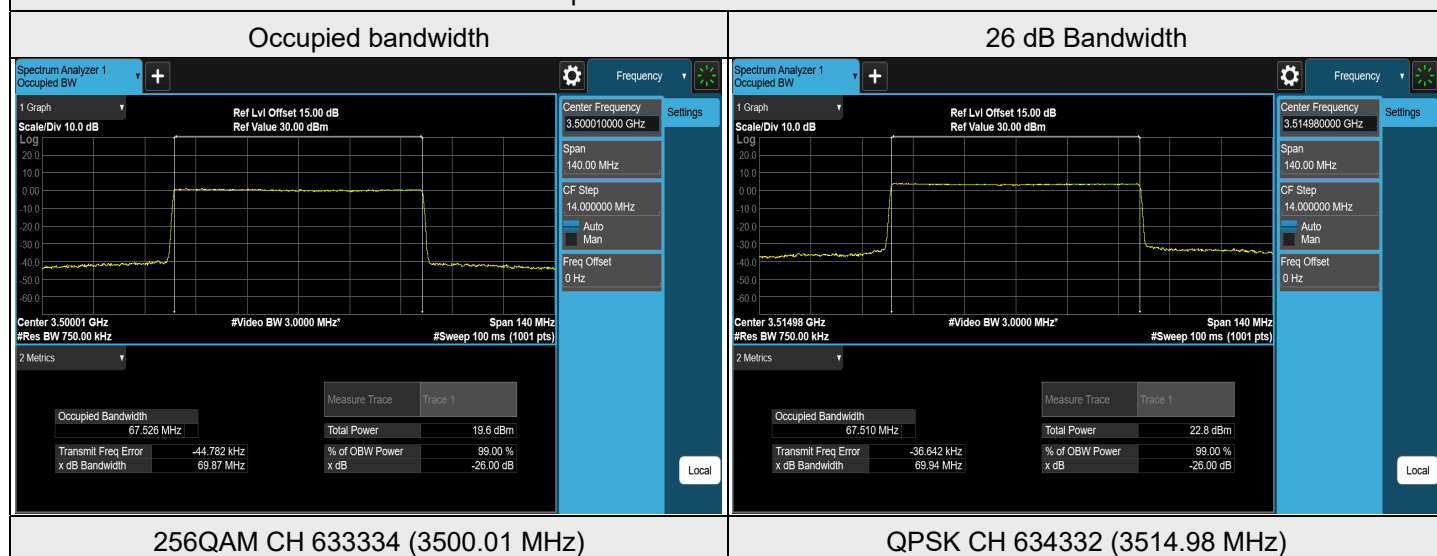
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	632000	3480	57.8138	59.904
QPSK	633334	3500.01	57.8688	59.880
QPSK	634666	3519.99	57.8302	59.899
BPSK	632000	3480	57.8446	59.871
BPSK	633334	3500.01	57.9146	59.825
BPSK	634666	3519.99	57.8556	59.875
16QAM	632000	3480	57.8223	59.891
16QAM	633334	3500.01	57.8777	59.898
16QAM	634666	3519.99	57.8467	59.901
64QAM	632000	3480	57.8026	59.850
64QAM	633334	3500.01	57.8493	59.891
64QAM	634666	3519.99	57.8358	59.839
256QAM	632000	3480	57.8522	59.899
256QAM	633334	3500.01	57.8870	59.852
256QAM	634666	3519.99	57.8740	59.826



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 70 MHz

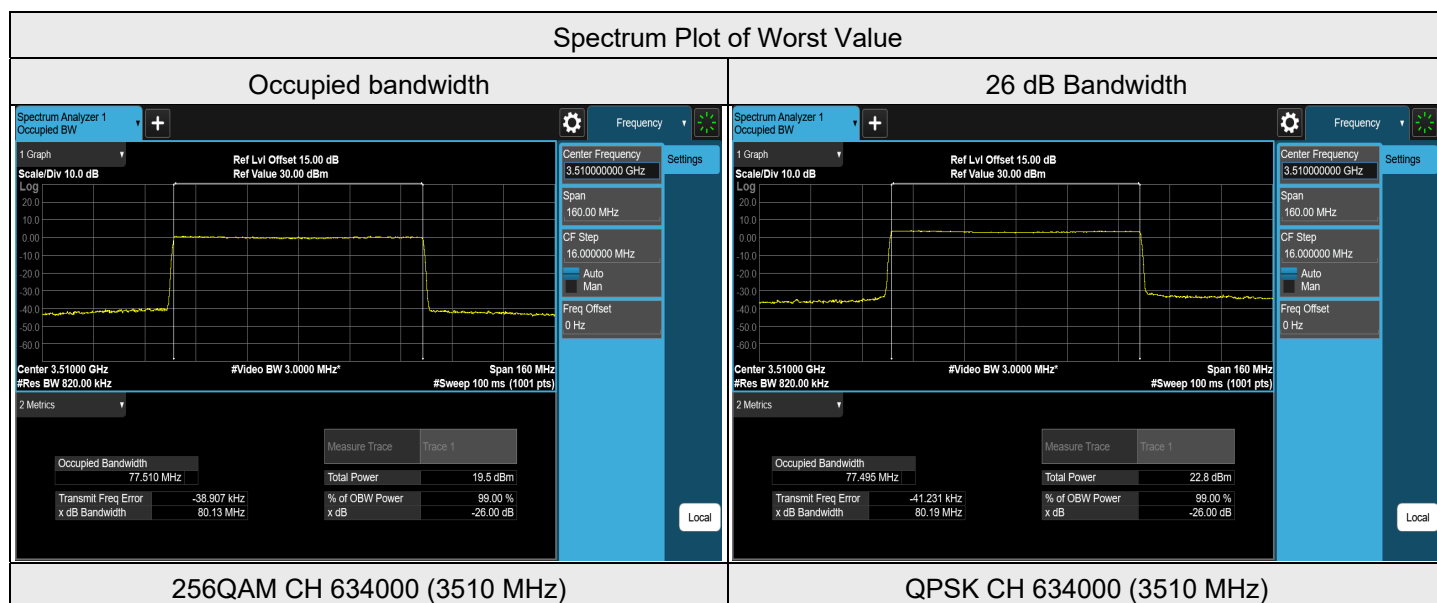
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	632334	3485.01	67.4564	69.900
QPSK	633334	3500.01	67.5091	69.920
QPSK	634332	3514.98	67.5103	69.944
BPSK	632334	3485.01	64.3512	66.608
BPSK	633334	3500.01	64.3751	66.628
BPSK	634332	3514.98	64.3843	66.657
16QAM	632334	3485.01	67.4730	69.858
16QAM	633334	3500.01	67.5091	69.897
16QAM	634332	3514.98	67.4930	69.903
64QAM	632334	3485.01	67.4247	69.868
64QAM	633334	3500.01	67.4656	69.898
64QAM	634332	3514.98	67.4608	69.885
256QAM	632334	3485.01	67.4806	69.870
256QAM	633334	3500.01	67.5256	69.874
256QAM	634332	3514.98	67.5229	69.891

Spectrum Plot of Worst Value



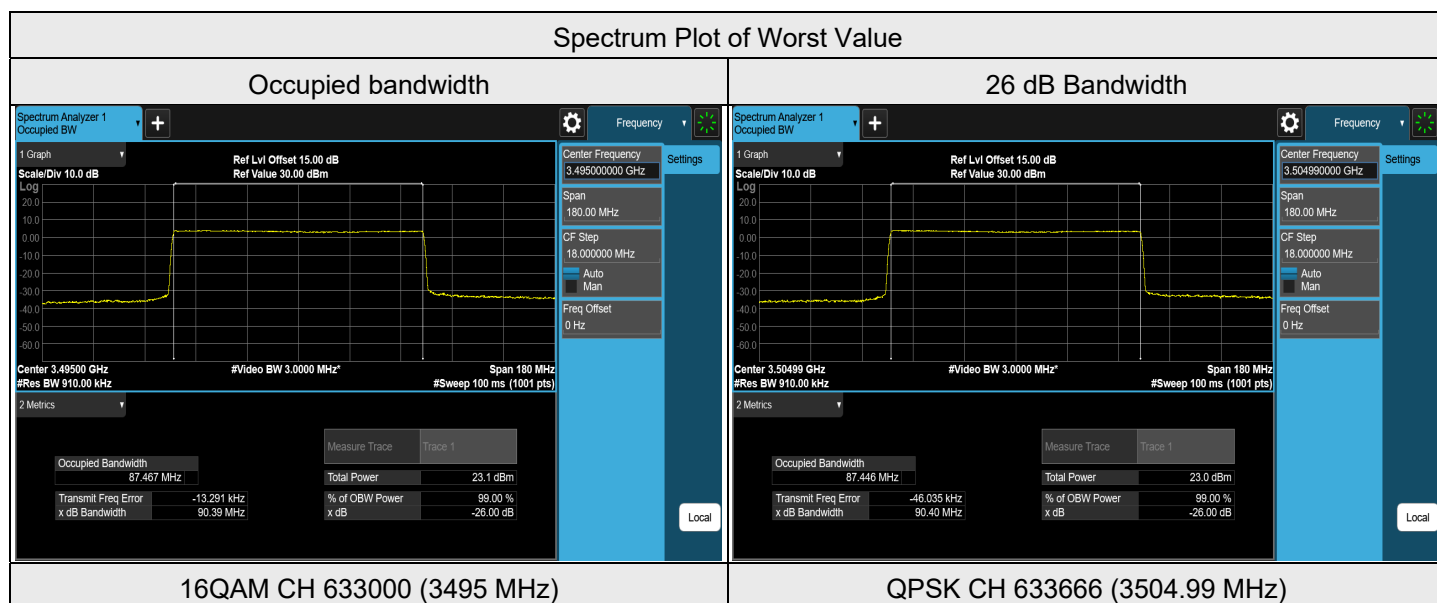
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	632668	3490.02	77.4798	80.143
QPSK	633334	3500.01	77.4947	80.145
QPSK	634000	3510	77.4949	80.193
BPSK	632668	3490.02	77.1535	79.757
BPSK	633334	3500.01	77.1701	79.779
BPSK	634000	3510	77.1650	79.800
16QAM	632668	3490.02	77.4761	80.097
16QAM	633334	3500.01	77.4983	80.175
16QAM	634000	3510	77.5020	80.141
64QAM	632668	3490.02	77.4305	80.118
64QAM	633334	3500.01	77.4539	80.094
64QAM	634000	3510	77.4448	80.125
256QAM	632668	3490.02	77.4991	80.136
256QAM	633334	3500.01	77.4963	80.097
256QAM	634000	3510	77.5101	80.127



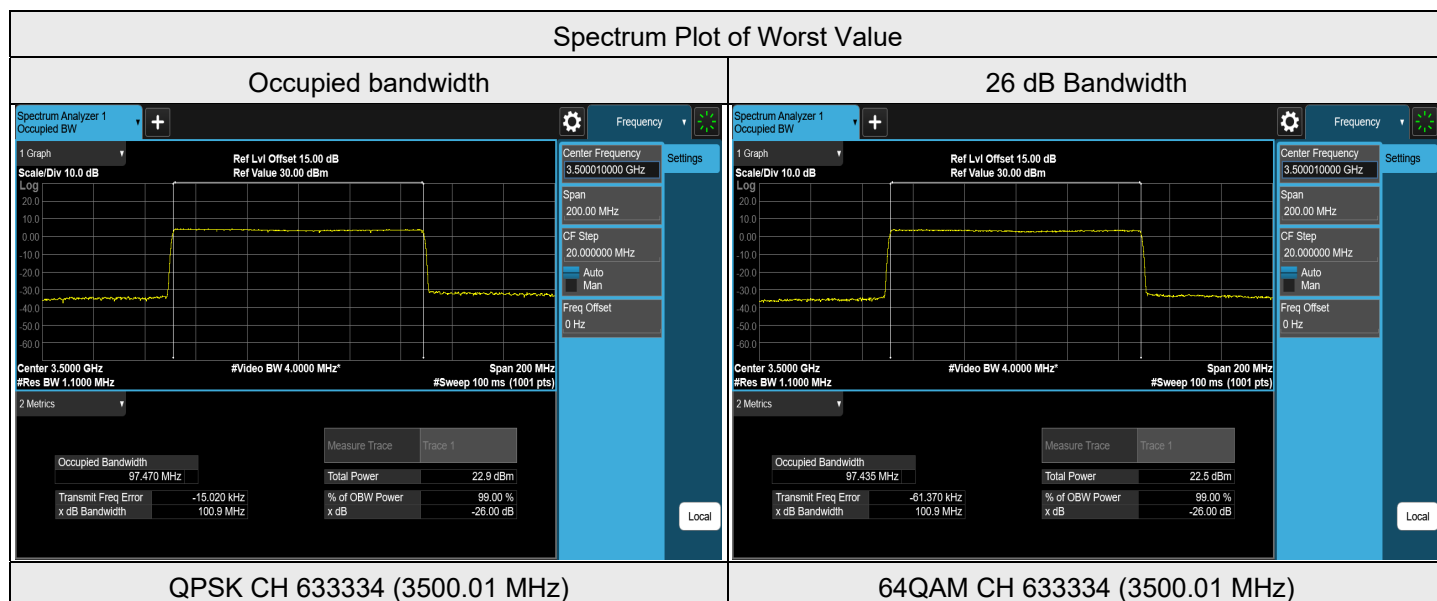
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 90 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	633000	3495	87.4440	90.392
QPSK	633334	3500.01	87.4478	90.382
QPSK	633666	3504.99	87.4458	90.402
BPSK	633000	3495	86.7898	89.682
BPSK	633334	3500.01	86.7981	89.619
BPSK	633666	3504.99	86.8292	89.682
16QAM	633000	3495	87.4675	90.388
16QAM	633334	3500.01	87.4671	90.380
16QAM	633666	3504.99	87.4630	90.386
64QAM	633000	3495	87.4511	90.358
64QAM	633334	3500.01	87.4357	90.374
64QAM	633666	3504.99	87.4215	90.380
256QAM	633000	3495	87.4141	90.357
256QAM	633334	3500.01	87.4250	90.372
256QAM	633666	3504.99	87.4083	90.365



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 100 MHz

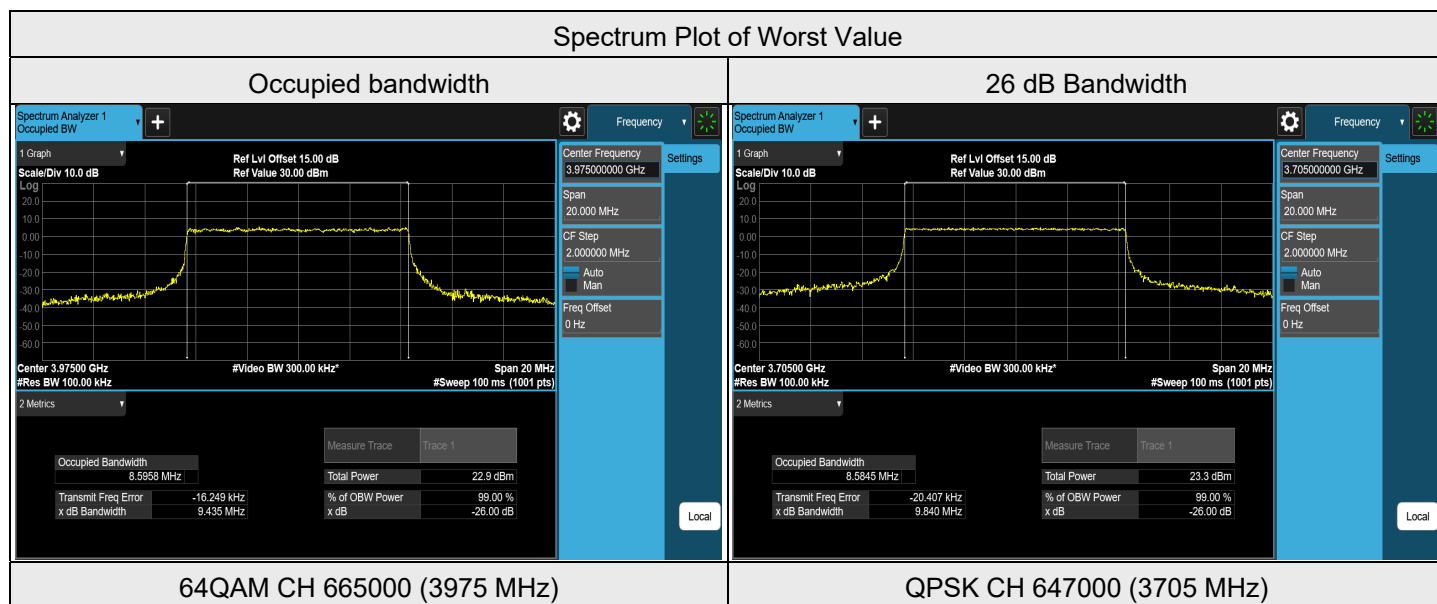
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	633334	3500.01	97.4700	100.891
BPSK	633334	3500.01	96.4735	99.811
16QAM	633334	3500.01	97.4614	100.851
64QAM	633334	3500.01	97.4349	100.915
256QAM	633334	3500.01	97.4559	100.858



7.4.16NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

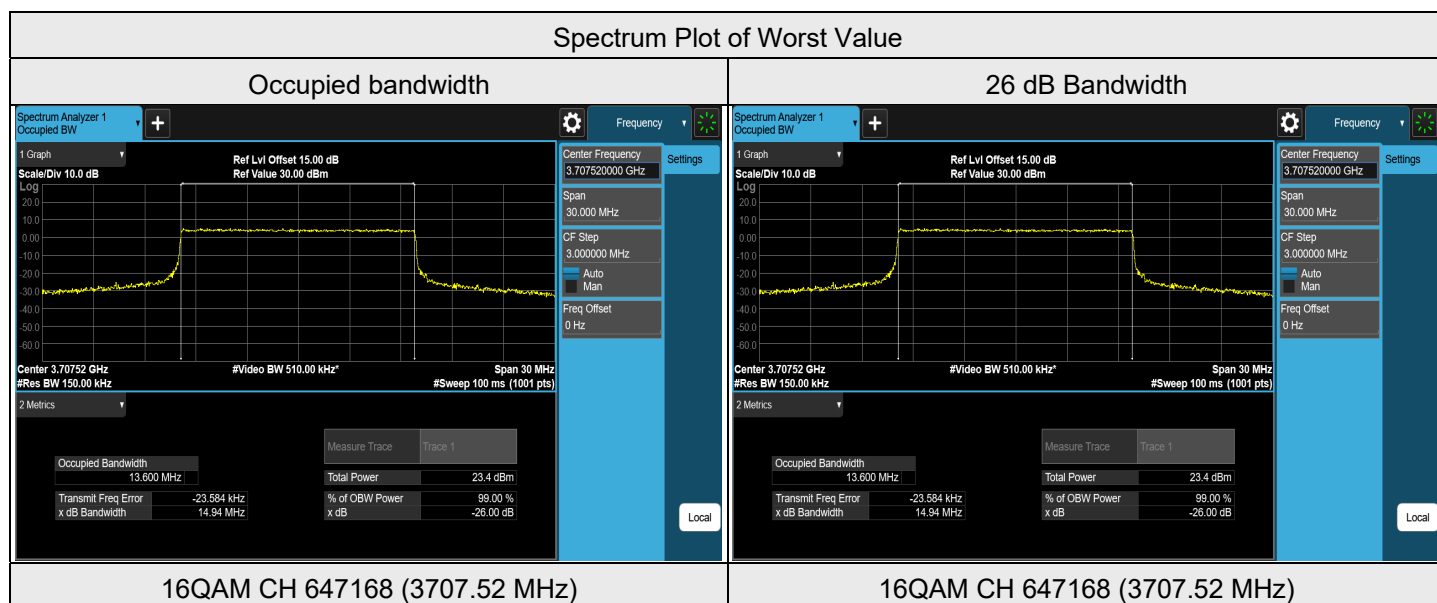
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	647000	3705	8.5845	9.840
QPSK	656000	3840	8.5807	9.742
QPSK	665000	3975	8.5814	9.819
BPSK	647000	3705	8.5913	9.384
BPSK	656000	3840	8.5849	9.344
BPSK	665000	3975	8.5940	9.339
16QAM	647000	3705	8.5848	9.512
16QAM	656000	3840	8.5762	9.552
16QAM	665000	3975	8.5756	9.438
64QAM	647000	3705	8.5951	9.437
64QAM	656000	3840	8.5940	9.412
64QAM	665000	3975	8.5958	9.435
256QAM	647000	3705	8.5803	9.411
256QAM	656000	3840	8.5749	9.338
256QAM	665000	3975	8.5874	9.392



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 15 MHz

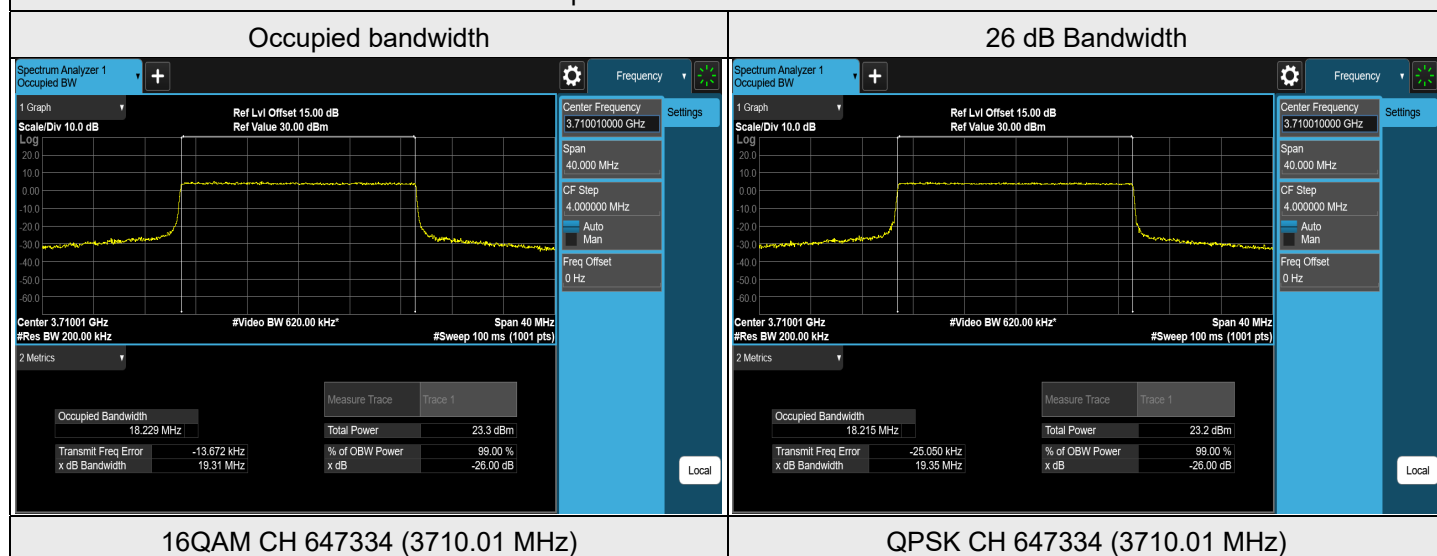
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	647168	3707.52	13.5794	14.479
QPSK	656000	3840	13.5696	14.461
QPSK	664832	3972.48	13.5711	14.488
BPSK	647168	3707.52	12.8800	13.786
BPSK	656000	3840	12.8794	13.769
BPSK	664832	3972.48	12.8667	13.649
16QAM	647168	3707.52	13.6003	14.945
16QAM	656000	3840	13.5919	14.577
16QAM	664832	3972.48	13.5928	14.587
64QAM	647168	3707.52	13.5794	14.426
64QAM	656000	3840	13.5805	14.423
64QAM	664832	3972.48	13.5720	14.392
256QAM	647168	3707.52	13.5696	14.404
256QAM	656000	3840	13.5758	14.475
256QAM	664832	3972.48	13.5773	14.348



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	647334	3710.01	18.2150	19.348
QPSK	656000	3840	18.2076	19.164
QPSK	664666	3969.99	18.2056	19.209
BPSK	647334	3710.01	17.8611	18.616
BPSK	656000	3840	17.8610	18.687
BPSK	664666	3969.99	17.8727	18.608
16QAM	647334	3710.01	18.2293	19.312
16QAM	656000	3840	18.2172	19.178
16QAM	664666	3969.99	18.2209	19.215
64QAM	647334	3710.01	18.2131	19.166
64QAM	656000	3840	18.2109	19.300
64QAM	664666	3969.99	18.2000	19.225
256QAM	647334	3710.01	18.2161	19.110
256QAM	656000	3840	18.2100	19.261
256QAM	664666	3969.99	18.2120	19.308

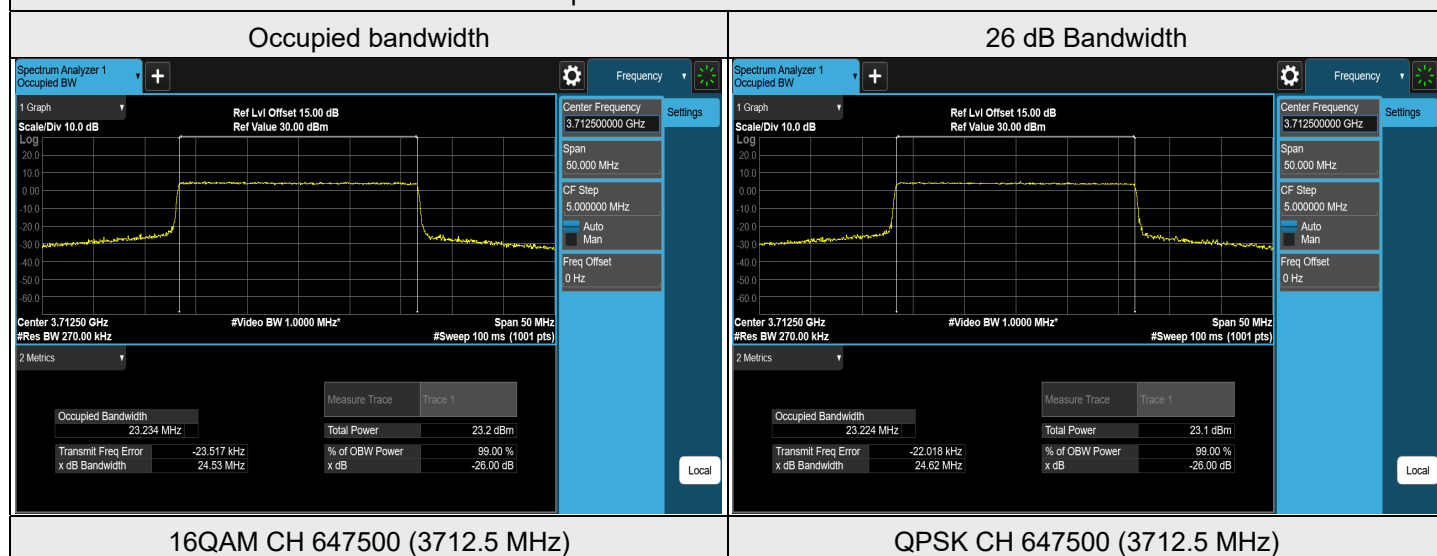
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 25 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	647500	3712.5	23.2238	24.616
QPSK	656000	3840	23.2033	24.391
QPSK	664500	3967.5	23.2092	24.412
BPSK	647500	3712.5	22.8804	23.898
BPSK	656000	3840	22.8738	23.910
BPSK	664500	3967.5	22.8673	23.811
16QAM	647500	3712.5	23.2337	24.534
16QAM	656000	3840	23.2098	24.347
16QAM	664500	3967.5	23.2088	24.290
64QAM	647500	3712.5	23.2084	24.366
64QAM	656000	3840	23.2162	24.480
64QAM	664500	3967.5	23.2221	24.470
256QAM	647500	3712.5	23.2148	24.212
256QAM	656000	3840	23.2139	24.261
256QAM	664500	3967.5	23.2242	24.188

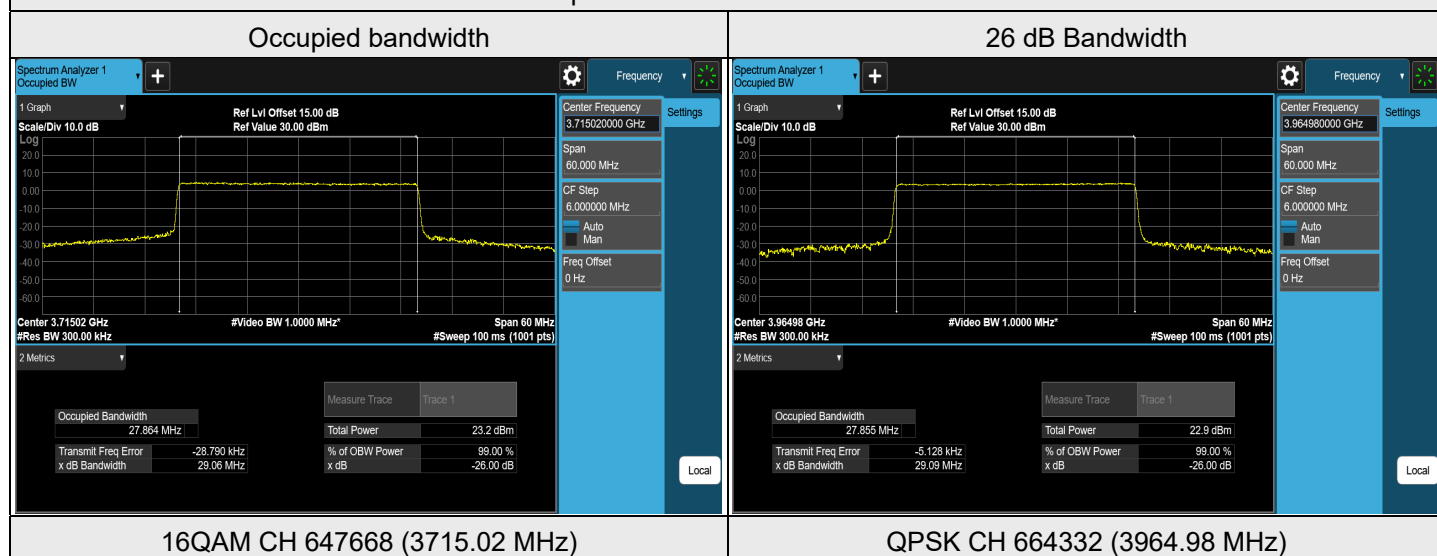
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	647668	3715.02	27.8587	29.092
QPSK	656000	3840	27.8467	28.963
QPSK	664332	3964.98	27.8549	29.093
BPSK	647668	3715.02	26.8092	27.979
BPSK	656000	3840	26.7943	27.938
BPSK	664332	3964.98	26.8142	27.928
16QAM	647668	3715.02	27.8637	29.062
16QAM	656000	3840	27.8423	28.940
16QAM	664332	3964.98	27.8588	29.071
64QAM	647668	3715.02	27.8367	29.088
64QAM	656000	3840	27.8040	29.067
64QAM	664332	3964.98	27.8440	29.030
256QAM	647668	3715.02	27.8483	28.931
256QAM	656000	3840	27.8421	28.974
256QAM	664332	3964.98	27.8533	29.072

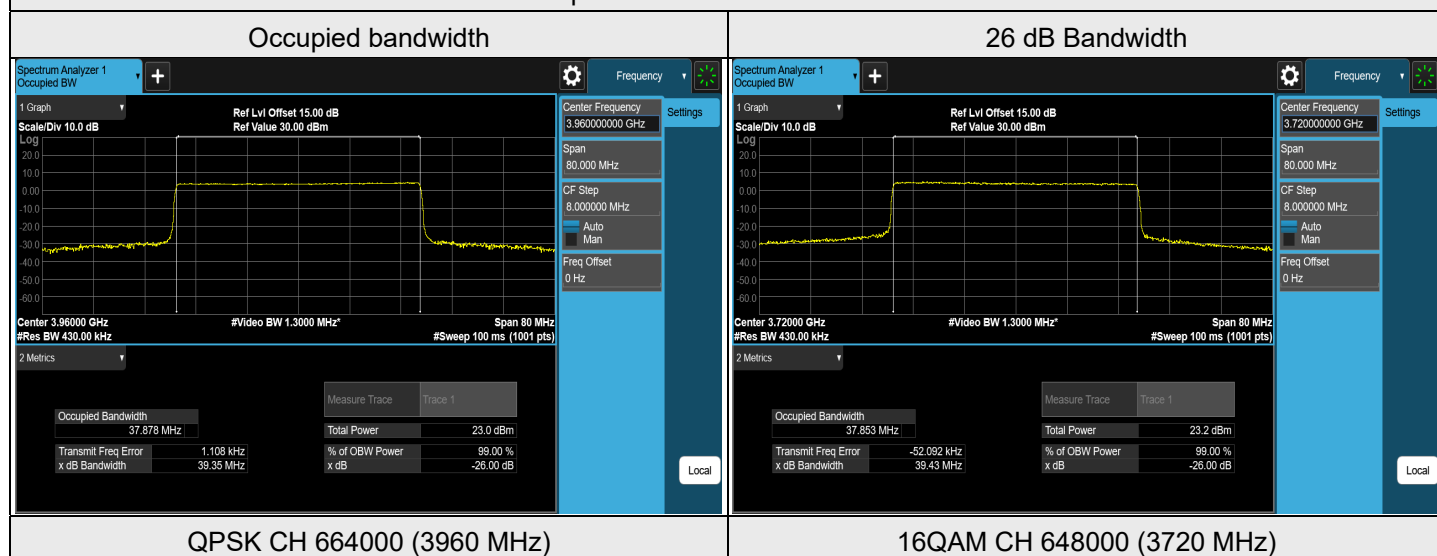
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	648000	3720	37.8601	39.419
QPSK	656000	3840	37.8555	39.337
QPSK	664000	3960	37.8775	39.353
BPSK	648000	3720	35.7122	37.126
BPSK	656000	3840	35.6893	37.169
BPSK	664000	3960	35.7236	37.142
16QAM	648000	3720	37.8530	39.434
16QAM	656000	3840	37.8316	39.310
16QAM	664000	3960	37.8669	39.349
64QAM	648000	3720	37.8621	39.324
64QAM	656000	3840	37.8651	39.398
64QAM	664000	3960	37.8745	39.325
256QAM	648000	3720	37.8436	39.282
256QAM	656000	3840	37.8333	39.264
256QAM	664000	3960	37.8330	39.226

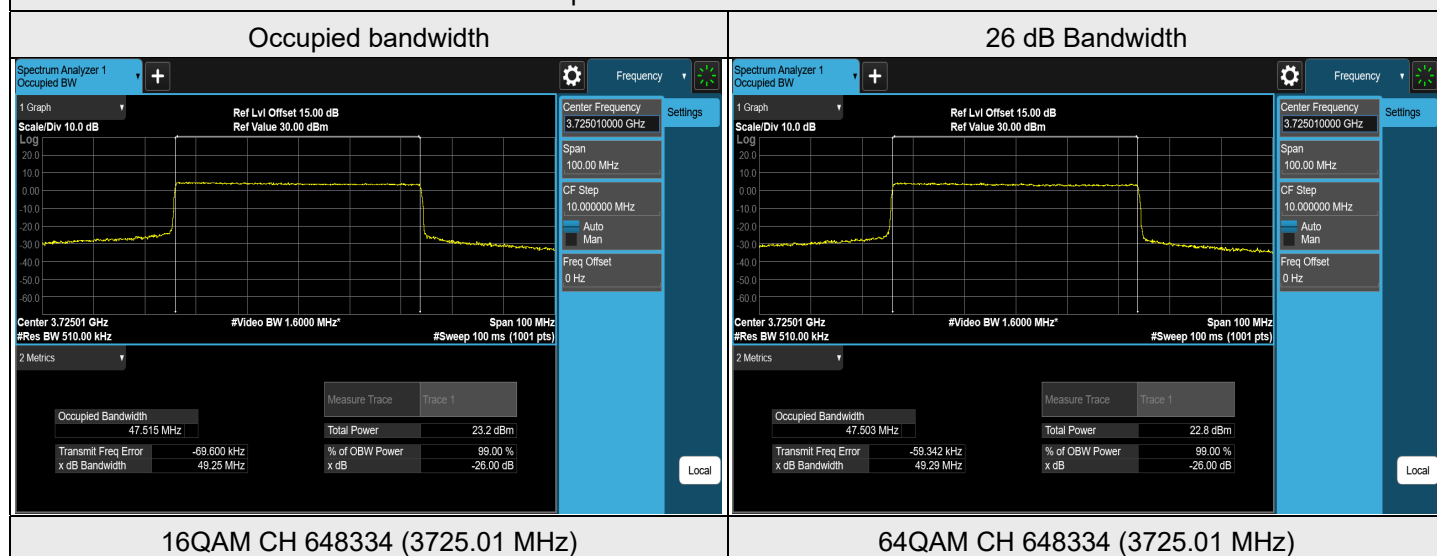
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 50 MHz

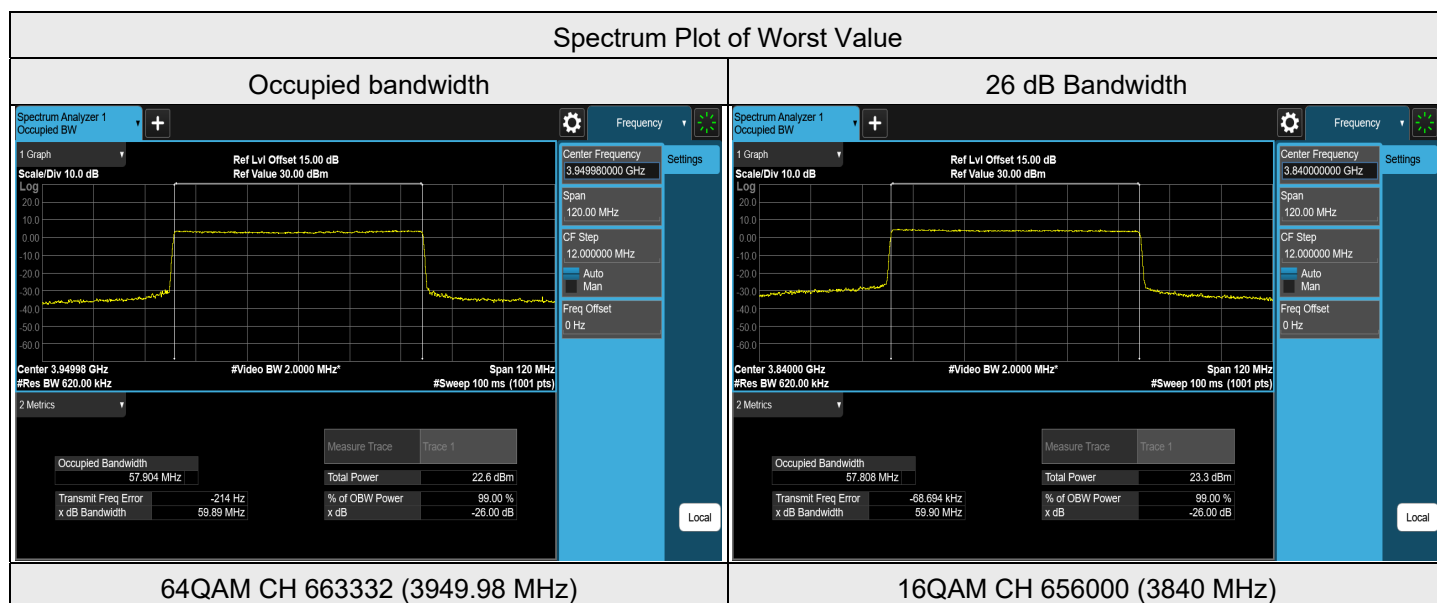
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	648334	3725.01	47.4995	49.278
QPSK	656000	3840	47.4934	49.231
QPSK	663666	3954.99	47.5072	49.174
BPSK	648334	3725.01	45.7411	47.310
BPSK	656000	3840	45.7440	47.331
BPSK	663666	3954.99	45.7814	47.362
16QAM	648334	3725.01	47.5149	49.254
16QAM	656000	3840	47.4896	49.167
16QAM	663666	3954.99	47.5009	49.235
64QAM	648334	3725.01	47.5034	49.294
64QAM	656000	3840	47.4730	49.232
64QAM	663666	3954.99	47.5018	49.194
256QAM	648334	3725.01	47.4729	49.188
256QAM	656000	3840	47.4668	49.155
256QAM	663666	3954.99	47.5042	49.193

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 60 MHz

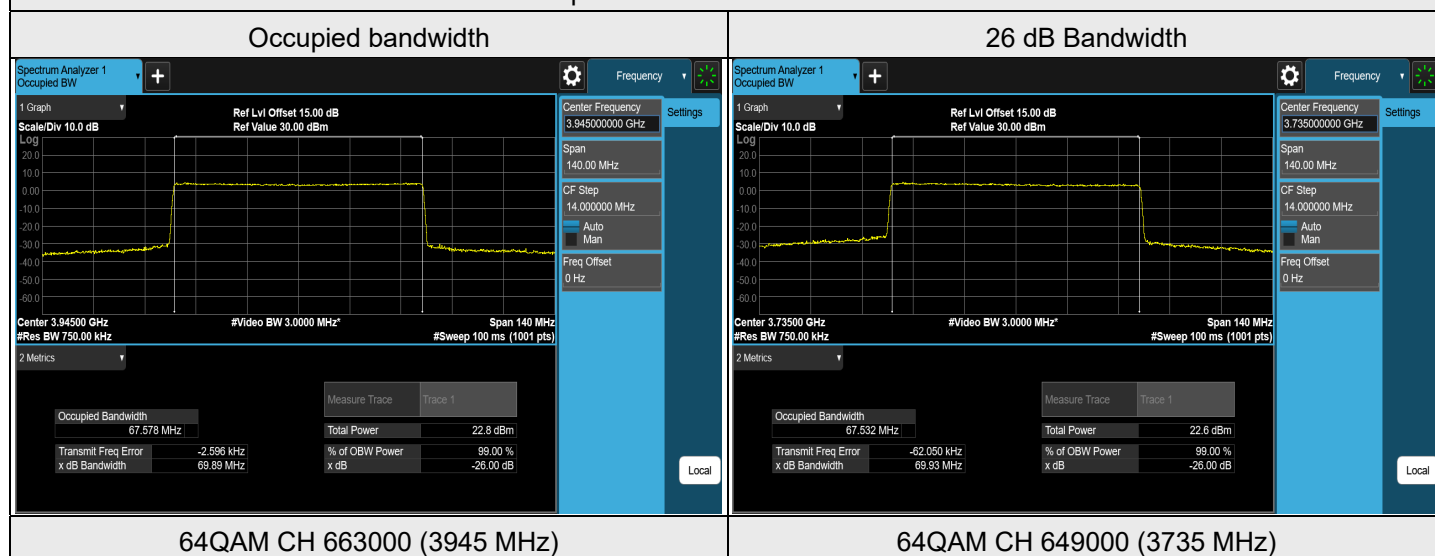
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	648668	3730.02	57.8374	59.882
QPSK	656000	3840	57.8013	59.879
QPSK	663332	3949.98	57.8638	59.903
BPSK	648668	3730.02	57.8431	59.824
BPSK	656000	3840	57.8182	59.821
BPSK	663332	3949.98	57.8949	59.858
16QAM	648668	3730.02	57.8572	59.895
16QAM	656000	3840	57.8084	59.905
16QAM	663332	3949.98	57.8828	59.893
64QAM	648668	3730.02	57.8538	59.880
64QAM	656000	3840	57.8354	59.860
64QAM	663332	3949.98	57.9039	59.887
256QAM	648668	3730.02	57.8065	59.808
256QAM	656000	3840	57.8051	59.824
256QAM	663332	3949.98	57.8722	59.896



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 70 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	649000	3735	67.5079	69.906
QPSK	656000	3840	67.4465	69.891
QPSK	663000	3945	67.5183	69.896
BPSK	649000	3735	64.2726	66.661
BPSK	656000	3840	64.2789	66.617
BPSK	663000	3945	64.3713	66.653
16QAM	649000	3735	67.5019	69.877
16QAM	656000	3840	67.4440	69.832
16QAM	663000	3945	67.5161	69.876
64QAM	649000	3735	67.5319	69.928
64QAM	656000	3840	67.4852	69.870
64QAM	663000	3945	67.5776	69.893
256QAM	649000	3735	67.4482	69.862
256QAM	656000	3840	67.4309	69.860
256QAM	663000	3945	67.5149	69.878

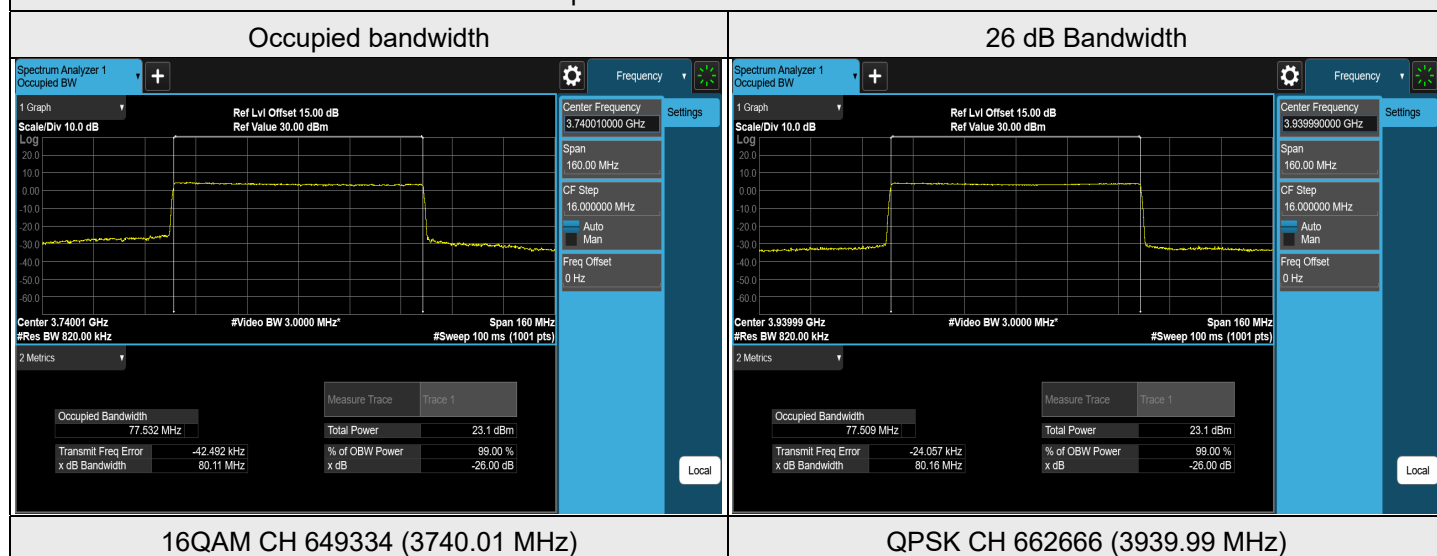
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 80 MHz

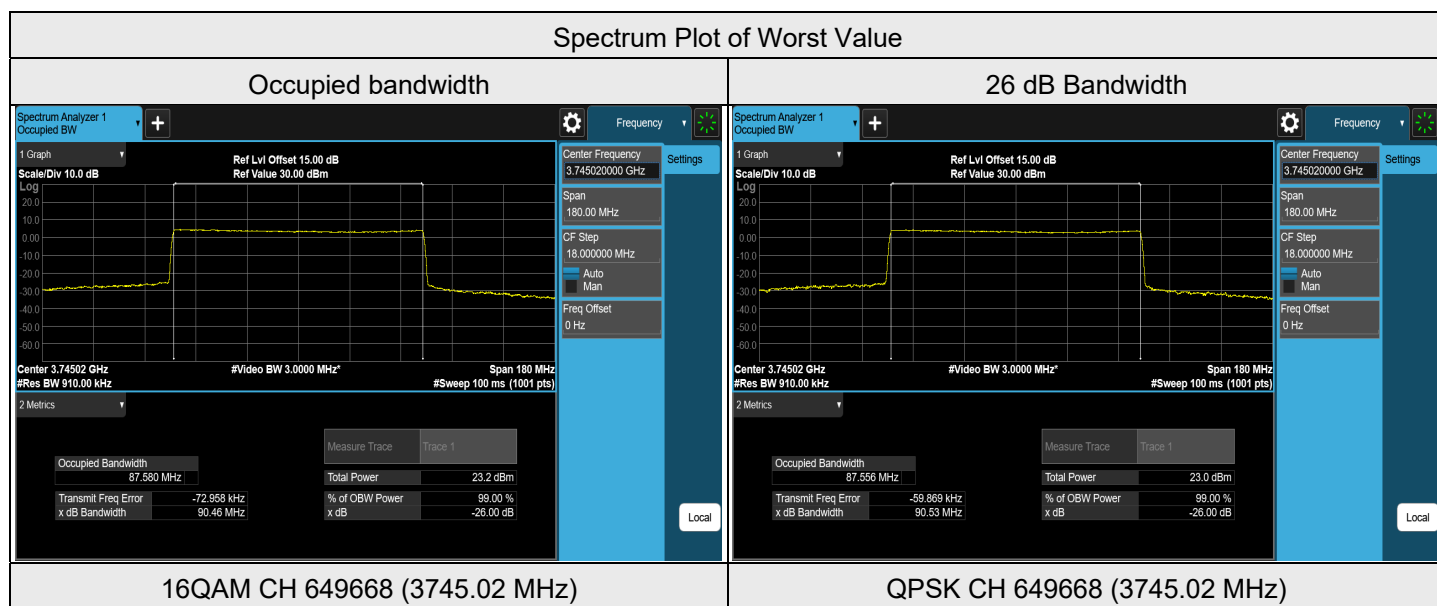
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	649334	3740.01	77.5323	80.153
QPSK	656000	3840	77.4511	80.106
QPSK	662666	3939.99	77.5088	80.159
BPSK	649334	3740.01	77.1244	79.752
BPSK	656000	3840	77.1069	79.707
BPSK	662666	3939.99	77.1671	79.750
16QAM	649334	3740.01	77.5324	80.112
16QAM	656000	3840	77.4765	80.109
16QAM	662666	3939.99	77.5263	80.146
64QAM	649334	3740.01	77.5189	80.137
64QAM	656000	3840	77.4384	80.088
64QAM	662666	3939.99	77.5057	80.112
256QAM	649334	3740.01	77.4564	80.103
256QAM	656000	3840	77.4013	80.091
256QAM	662666	3939.99	77.4921	80.100

Spectrum Plot of Worst Value



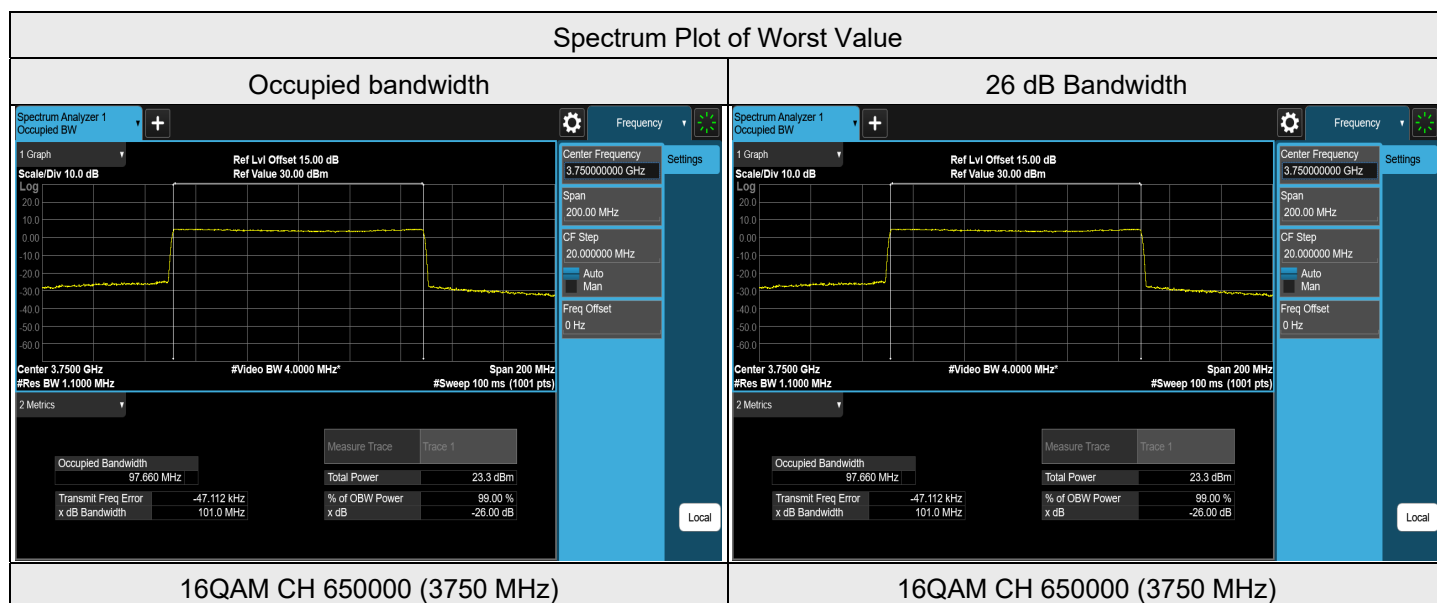
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 90 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	649668	3745.02	87.5557	90.527
QPSK	656000	3840	87.4294	90.414
QPSK	662332	3934.98	87.4706	90.406
BPSK	649668	3745.02	86.8745	89.699
BPSK	656000	3840	86.7271	89.672
BPSK	662332	3934.98	86.8146	89.671
16QAM	649668	3745.02	87.5802	90.463
16QAM	656000	3840	87.4446	90.421
16QAM	662332	3934.98	87.5141	90.416
64QAM	649668	3745.02	87.5362	90.424
64QAM	656000	3840	87.3923	90.351
64QAM	662332	3934.98	87.4602	90.363
256QAM	649668	3745.02	87.5504	90.383
256QAM	656000	3840	87.4139	90.348
256QAM	662332	3934.98	87.4826	90.345



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 100 MHz

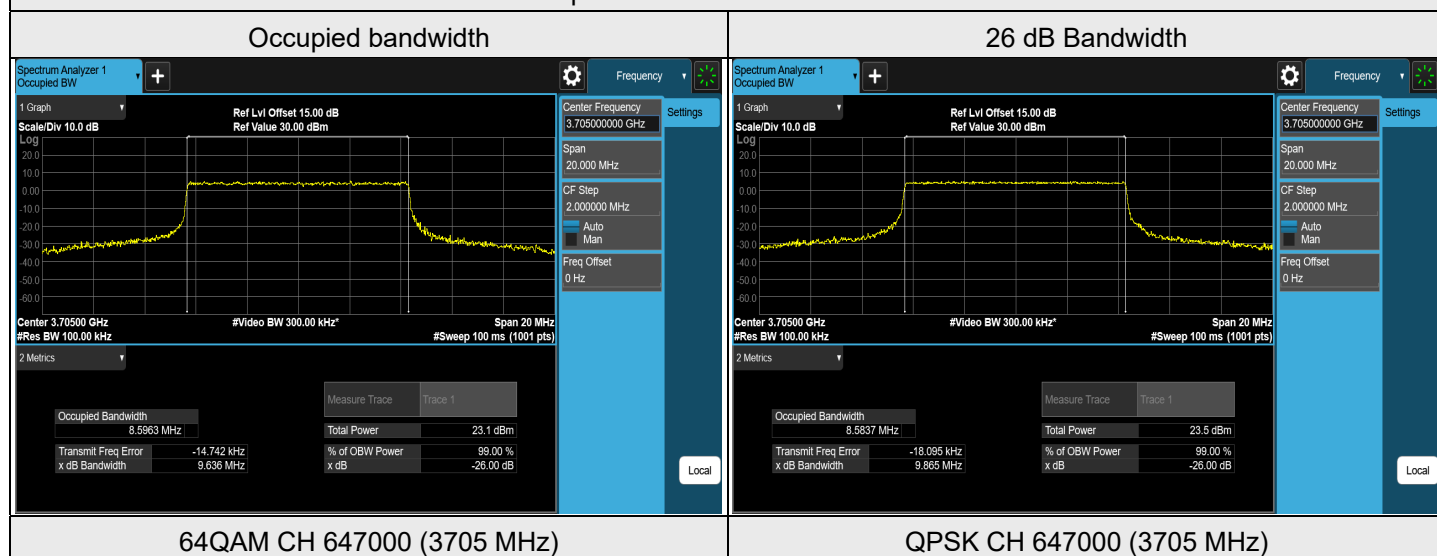
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	650000	3750	97.6293	100.963
QPSK	656000	3840	97.4494	100.899
QPSK	662000	3930	97.4957	100.900
BPSK	650000	3750	96.5583	99.864
BPSK	656000	3840	96.3605	99.801
BPSK	662000	3930	96.4709	99.863
16QAM	650000	3750	97.6605	101.040
16QAM	656000	3840	97.4764	100.908
16QAM	662000	3930	97.5419	100.947
64QAM	650000	3750	97.6055	100.935
64QAM	656000	3840	97.4369	100.873
64QAM	662000	3930	97.4970	100.907
256QAM	650000	3750	97.5924	100.893
256QAM	656000	3840	97.4230	100.854
256QAM	662000	3930	97.4985	100.896



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 10 MHz

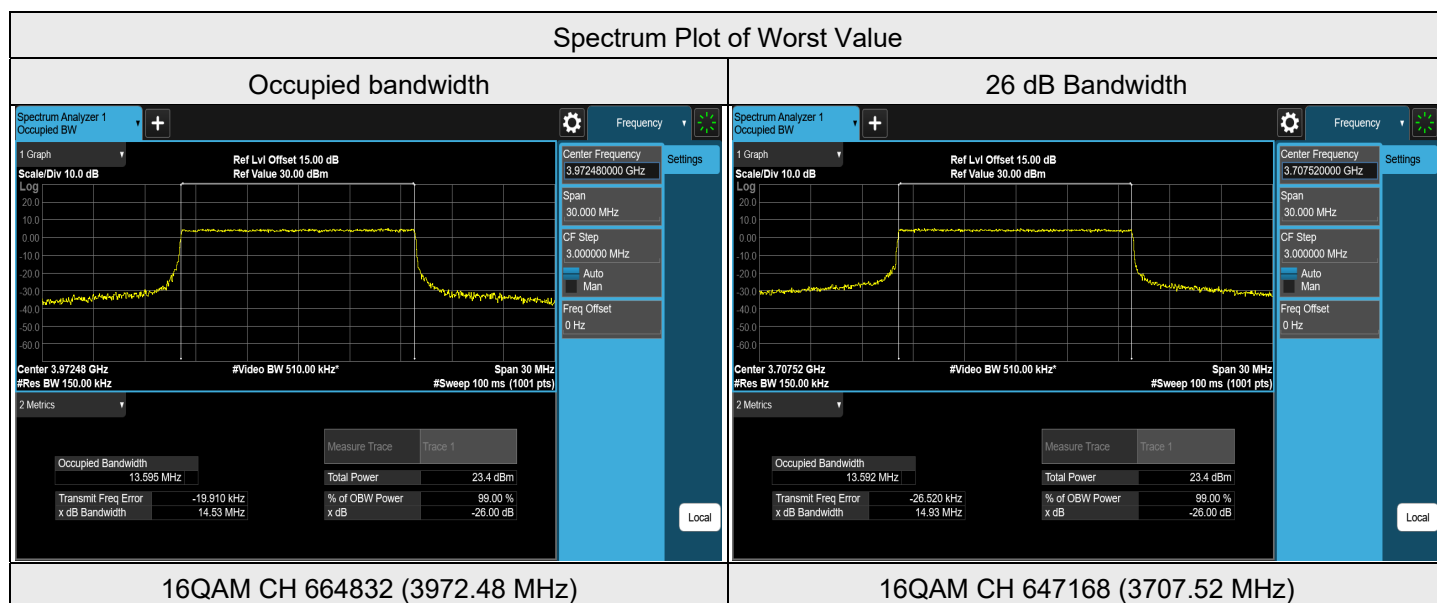
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	647000	3705	8.5837	9.865
QPSK	656000	3840	8.5832	9.728
QPSK	665000	3975	8.5856	9.697
BPSK	647000	3705	8.5838	9.363
BPSK	656000	3840	8.5855	9.283
BPSK	665000	3975	8.5933	9.274
16QAM	647000	3705	8.5830	9.413
16QAM	656000	3840	8.5861	9.554
16QAM	665000	3975	8.5746	9.296
64QAM	647000	3705	8.5963	9.636
64QAM	656000	3840	8.5900	9.361
64QAM	665000	3975	8.5919	9.429
256QAM	647000	3705	8.5834	9.378
256QAM	656000	3840	8.5811	9.313
256QAM	665000	3975	8.5794	9.386

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 15 MHz

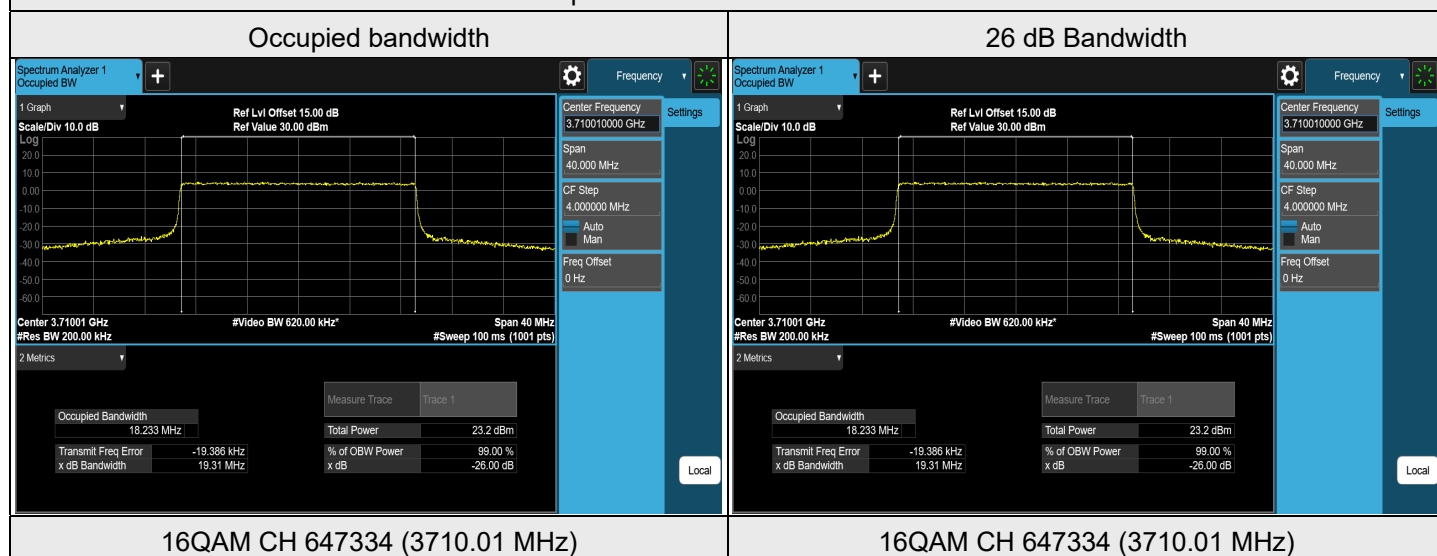
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	647168	3707.52	13.5821	14.488
QPSK	656000	3840	13.5710	14.538
QPSK	664832	3972.48	13.5721	14.525
BPSK	647168	3707.52	12.8730	13.732
BPSK	656000	3840	12.8824	13.823
BPSK	664832	3972.48	12.8709	13.690
16QAM	647168	3707.52	13.5921	14.935
16QAM	656000	3840	13.5861	14.738
16QAM	664832	3972.48	13.5945	14.527
64QAM	647168	3707.52	13.5789	14.420
64QAM	656000	3840	13.5742	14.433
64QAM	664832	3972.48	13.5723	14.362
256QAM	647168	3707.52	13.5669	14.291
256QAM	656000	3840	13.5821	14.487
256QAM	664832	3972.48	13.5720	14.355



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	647334	3710.01	18.2124	19.279
QPSK	656000	3840	18.2107	19.227
QPSK	664666	3969.99	18.2050	19.266
BPSK	647334	3710.01	17.8764	18.633
BPSK	656000	3840	17.8629	18.634
BPSK	664666	3969.99	17.8802	18.679
16QAM	647334	3710.01	18.2332	19.315
16QAM	656000	3840	18.2120	19.197
16QAM	664666	3969.99	18.2148	19.241
64QAM	647334	3710.01	18.2029	19.099
64QAM	656000	3840	18.1985	19.174
64QAM	664666	3969.99	18.2054	19.252
256QAM	647334	3710.01	18.2056	19.149
256QAM	656000	3840	18.2150	19.165
256QAM	664666	3969.99	18.2096	19.283

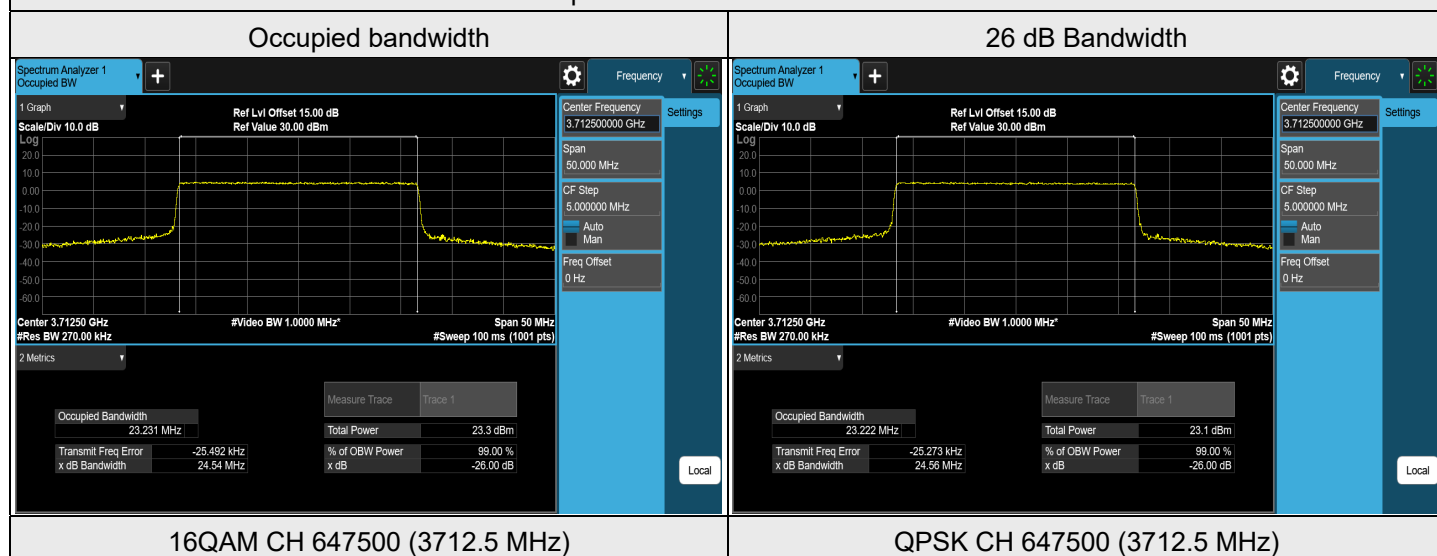
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 25 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	647500	3712.5	23.2221	24.562
QPSK	656000	3840	23.2021	24.373
QPSK	664500	3967.5	23.2167	24.384
BPSK	647500	3712.5	22.8701	23.932
BPSK	656000	3840	22.8715	23.892
BPSK	664500	3967.5	22.8638	23.886
16QAM	647500	3712.5	23.2315	24.537
16QAM	656000	3840	23.2100	24.362
16QAM	664500	3967.5	23.2249	24.388
64QAM	647500	3712.5	23.2102	24.431
64QAM	656000	3840	23.2188	24.509
64QAM	664500	3967.5	23.2304	24.427
256QAM	647500	3712.5	23.2249	24.206
256QAM	656000	3840	23.2228	24.212
256QAM	664500	3967.5	23.2195	24.221

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	647668	3715.02	27.8686	29.169
QPSK	656000	3840	27.8480	29.025
QPSK	664332	3964.98	27.8691	29.182
BPSK	647668	3715.02	26.7900	27.875
BPSK	656000	3840	26.8037	28.017
BPSK	664332	3964.98	26.8224	27.990
16QAM	647668	3715.02	27.8605	29.145
16QAM	656000	3840	27.8458	29.011
16QAM	664332	3964.98	27.8652	29.064
64QAM	647668	3715.02	27.8355	29.107
64QAM	656000	3840	27.8149	29.033
64QAM	664332	3964.98	27.8329	28.975
256QAM	647668	3715.02	27.8501	28.900
256QAM	656000	3840	27.8336	29.024
256QAM	664332	3964.98	27.8571	29.045

