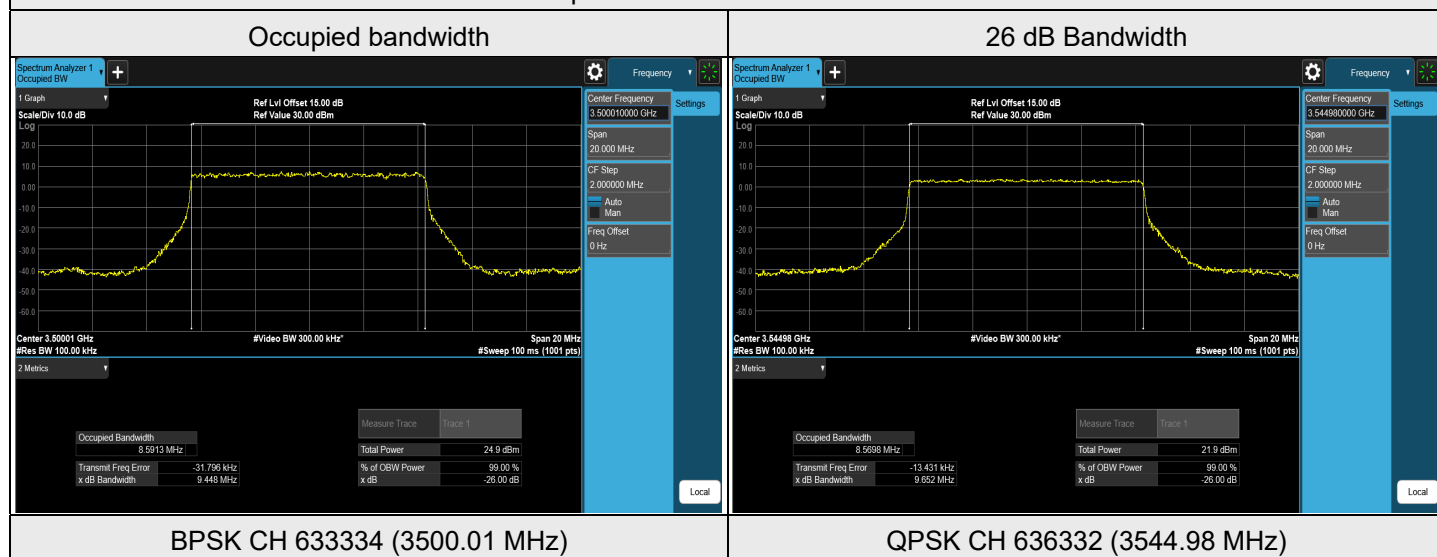


7.4.8 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630334	3455.01	8.5735	9.305
BPSK	633334	3500.01	8.5913	9.448
BPSK	636332	3544.98	8.5847	9.354
QPSK	630334	3455.01	8.5743	9.521
QPSK	633334	3500.01	8.5758	9.478
QPSK	636332	3544.98	8.5698	9.652
16QAM	630334	3455.01	8.5680	9.429
16QAM	633334	3500.01	8.5662	9.389
16QAM	636332	3544.98	8.5705	9.571
64QAM	630334	3455.01	8.5760	9.444
64QAM	633334	3500.01	8.5731	9.469
64QAM	636332	3544.98	8.5759	9.477
256QAM	630334	3455.01	8.5859	9.298
256QAM	633334	3500.01	8.5870	9.486
256QAM	636332	3544.98	8.5789	9.305

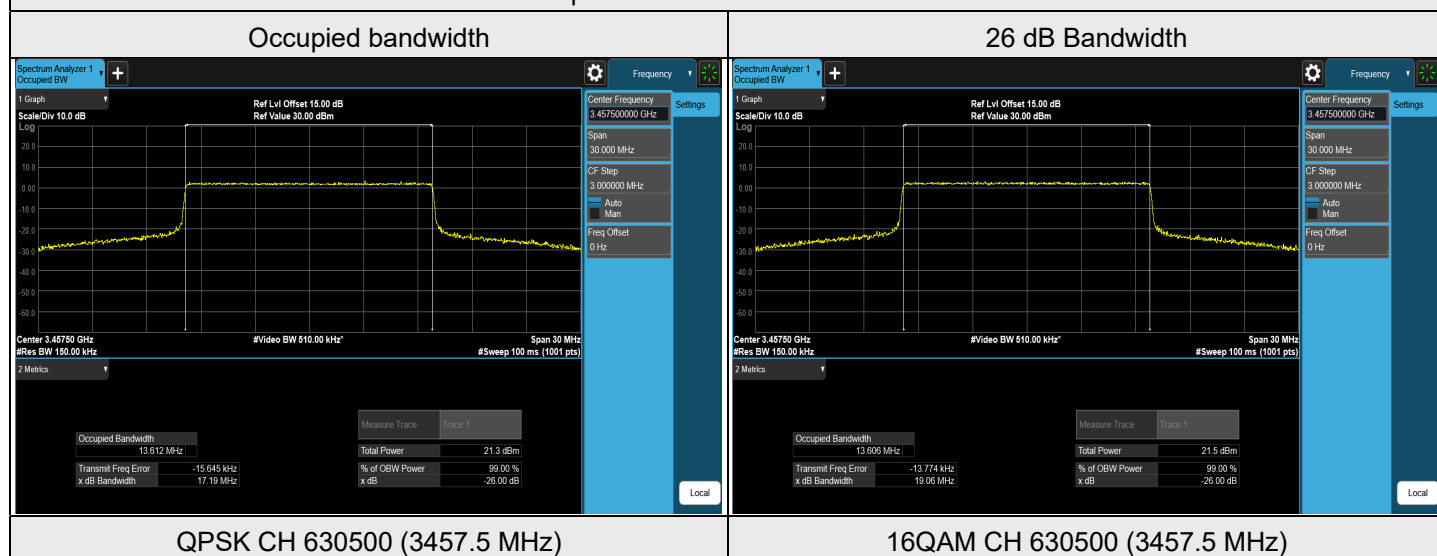
Spectrum Plot of Worst Value



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630500	3457.5	12.8777	14.051
BPSK	633334	3500.01	12.8657	13.679
BPSK	636166	3542.49	12.8596	13.709
QPSK	630500	3457.5	13.6116	17.186
QPSK	633334	3500.01	13.5723	14.519
QPSK	636166	3542.49	13.5743	14.650
16QAM	630500	3457.5	13.6064	19.058
16QAM	633334	3500.01	13.5550	14.519
16QAM	636166	3542.49	13.5674	14.555
64QAM	630500	3457.5	13.6050	15.278
64QAM	633334	3500.01	13.5819	14.679
64QAM	636166	3542.49	13.5741	14.380
256QAM	630500	3457.5	13.5826	14.636
256QAM	633334	3500.01	13.5757	14.568
256QAM	636166	3542.49	13.5582	14.318

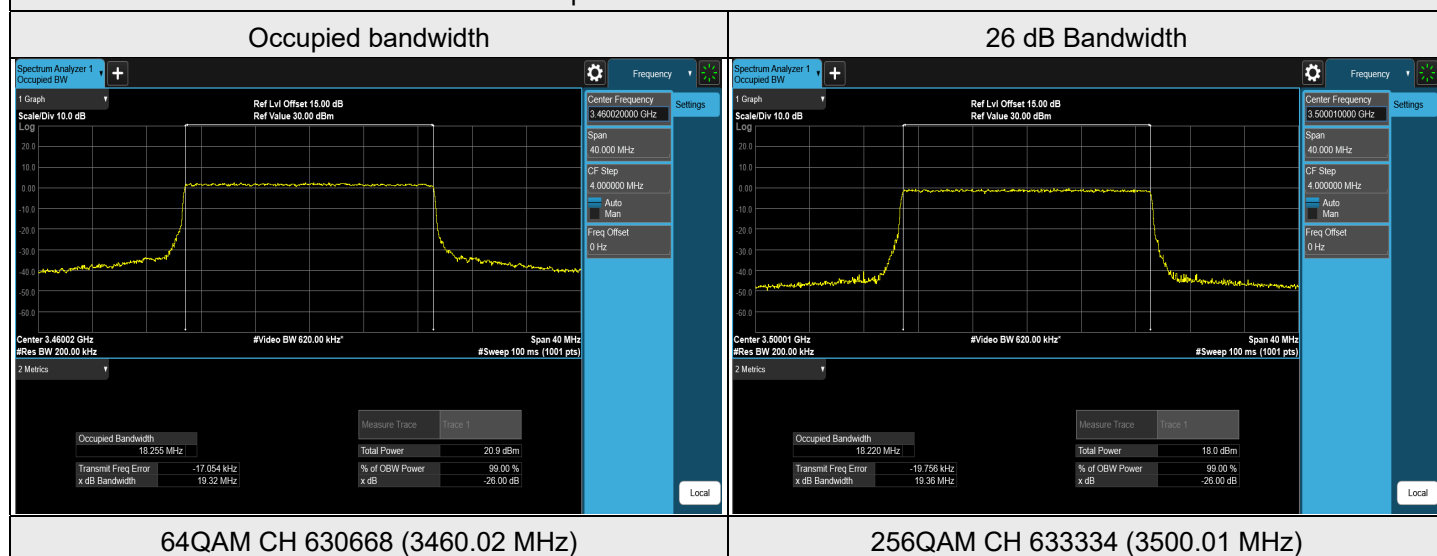
Spectrum Plot of Worst Value



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630668	3460.02	17.8616	18.725
BPSK	633334	3500.01	17.8501	18.804
BPSK	636000	3540	17.8480	18.720
QPSK	630668	3460.02	18.2056	19.085
QPSK	633334	3500.01	18.2056	19.263
QPSK	636000	3540	18.2025	19.268
16QAM	630668	3460.02	18.2080	19.285
16QAM	633334	3500.01	18.2134	19.095
16QAM	636000	3540	18.2164	19.237
64QAM	630668	3460.02	18.2547	19.318
64QAM	633334	3500.01	18.2440	19.304
64QAM	636000	3540	18.2348	19.220
256QAM	630668	3460.02	18.2244	19.236
256QAM	633334	3500.01	18.2202	19.355
256QAM	636000	3540	18.2238	19.182

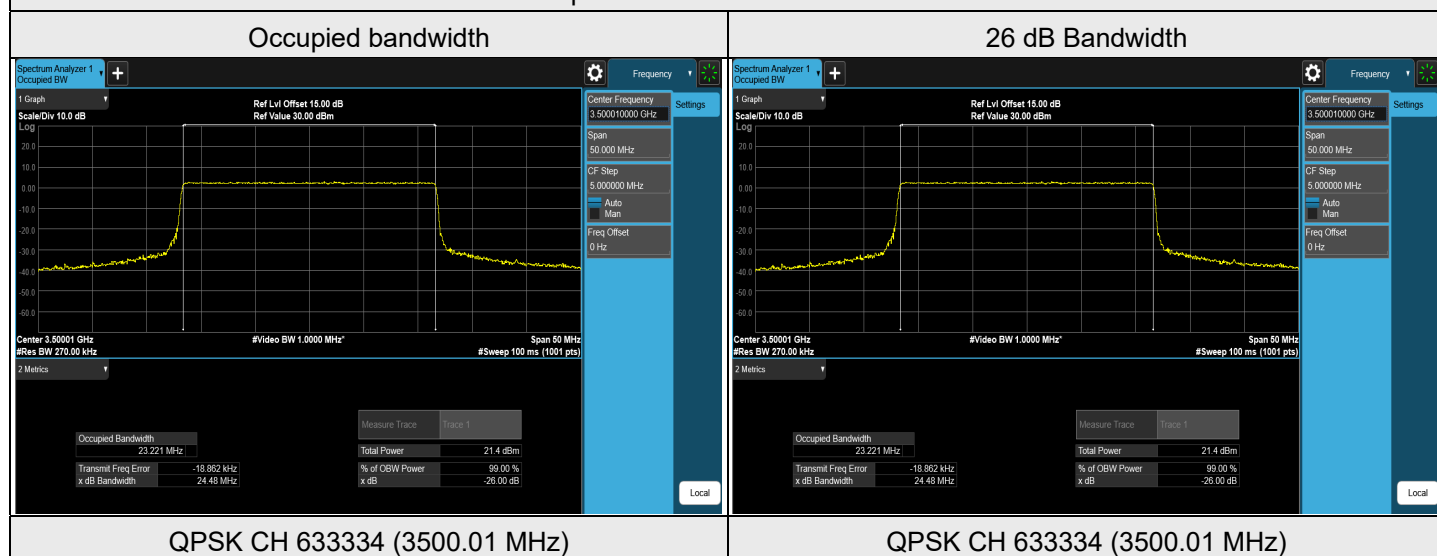
Spectrum Plot of Worst Value



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

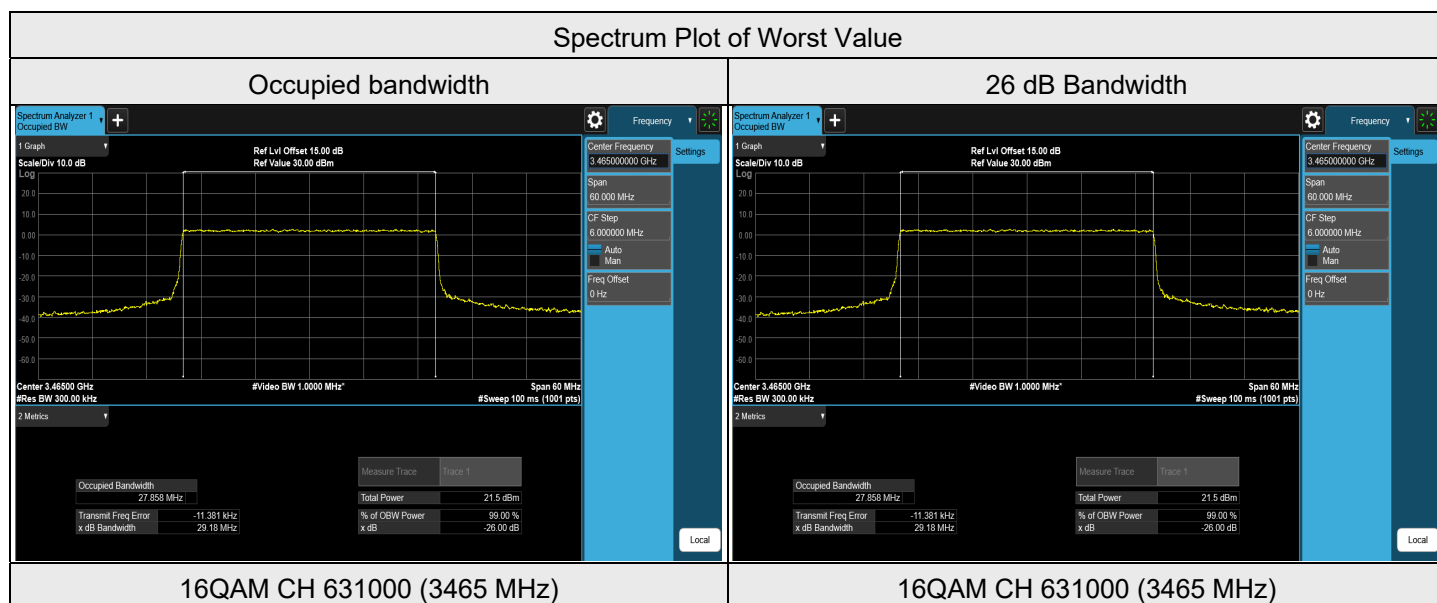
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630834	3462.51	22.8509	23.757
BPSK	633334	3500.01	22.8453	23.920
BPSK	635832	3537.48	22.8367	23.973
QPSK	630834	3462.51	23.2179	24.435
QPSK	633334	3500.01	23.2214	24.477
QPSK	635832	3537.48	23.2213	24.413
16QAM	630834	3462.51	23.2124	24.370
16QAM	633334	3500.01	23.2114	24.285
16QAM	635832	3537.48	23.2133	24.337
64QAM	630834	3462.51	23.1863	24.244
64QAM	633334	3500.01	23.1864	24.249
64QAM	635832	3537.48	23.1757	24.281
256QAM	630834	3462.51	23.2200	24.460
256QAM	633334	3500.01	23.2003	24.382
256QAM	635832	3537.48	23.2178	24.372

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 0, Channel Bandwidth: 30 MHz

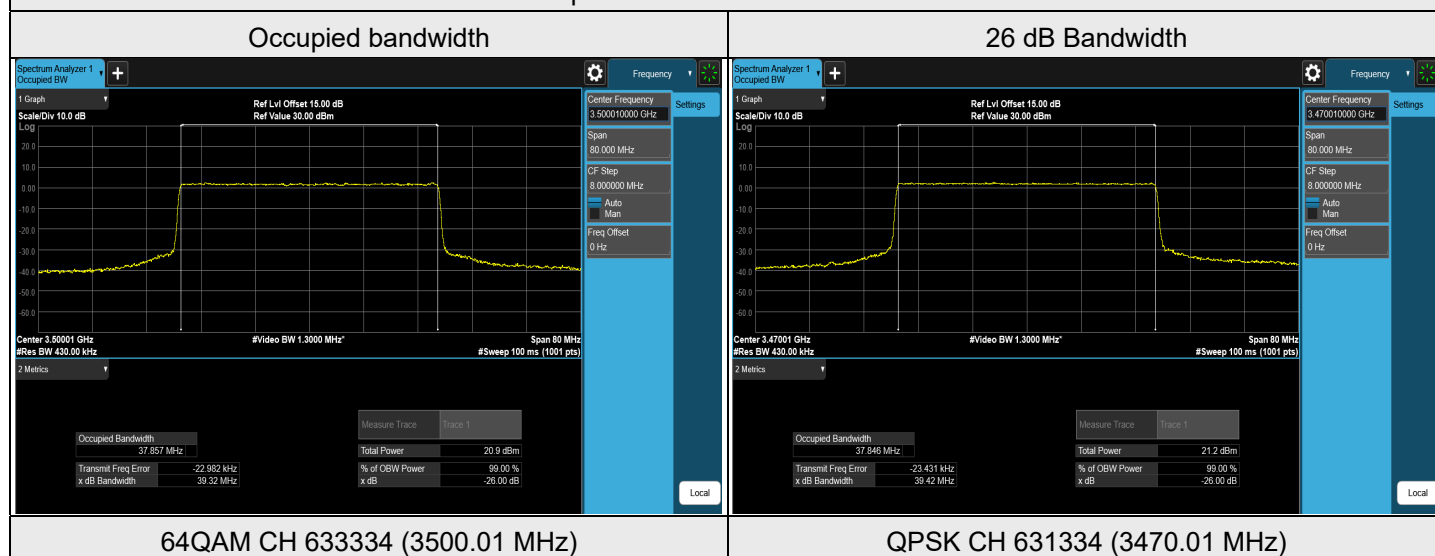
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	631000	3465	26.7833	27.891
BPSK	633334	3500.01	26.7751	27.931
BPSK	635666	3534.99	26.7923	27.919
QPSK	631000	3465	27.8479	29.064
QPSK	633334	3500.01	27.8419	29.066
QPSK	635666	3534.99	27.8425	29.053
16QAM	631000	3465	27.8584	29.177
16QAM	633334	3500.01	27.8578	29.142
16QAM	635666	3534.99	27.8562	29.143
64QAM	631000	3465	27.8423	29.038
64QAM	633334	3500.01	27.8453	29.070
64QAM	635666	3534.99	27.8405	29.049
256QAM	631000	3465	27.8454	28.958
256QAM	633334	3500.01	27.8431	29.056
256QAM	635666	3534.99	27.8405	29.004



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	631334	3470.01	35.7354	37.126
BPSK	633334	3500.01	35.7496	37.088
BPSK	635332	3529.98	35.7425	37.088
QPSK	631334	3470.01	37.8458	39.423
QPSK	633334	3500.01	37.8375	39.378
QPSK	635332	3529.98	37.8342	39.401
16QAM	631334	3470.01	37.8383	39.316
16QAM	633334	3500.01	37.8401	39.304
16QAM	635332	3529.98	37.8266	39.306
64QAM	631334	3470.01	37.8503	39.368
64QAM	633334	3500.01	37.8574	39.320
64QAM	635332	3529.98	37.8517	39.321
256QAM	631334	3470.01	37.8357	39.267
256QAM	633334	3500.01	37.8433	39.315
256QAM	635332	3529.98	37.8418	39.268

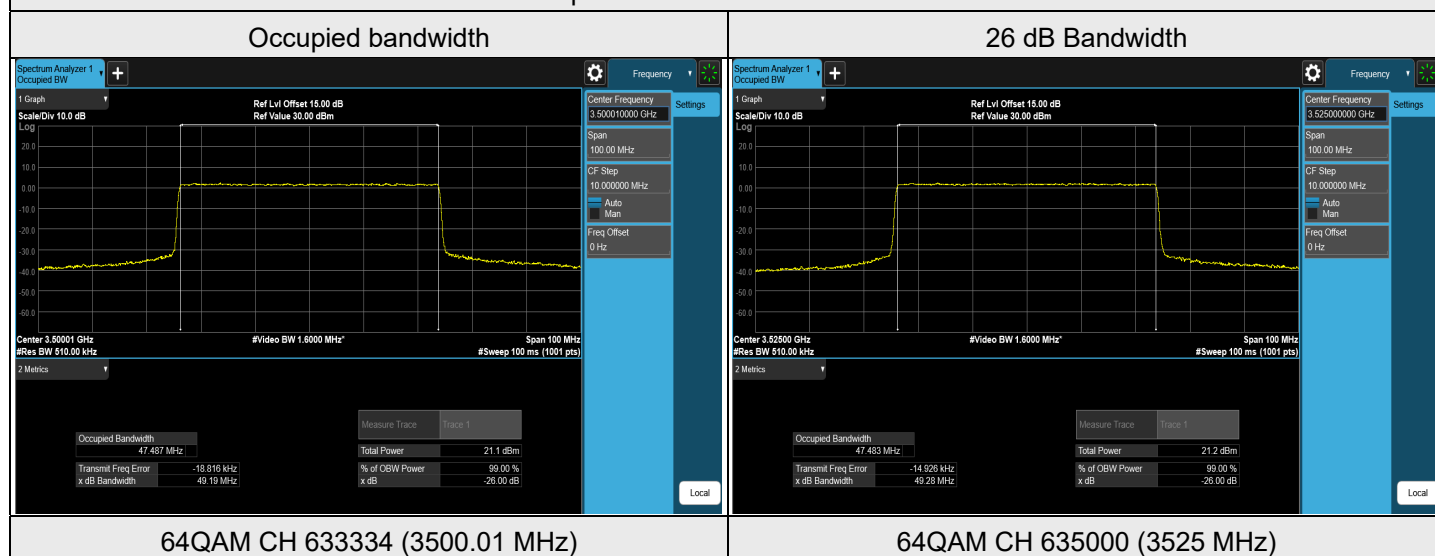
Spectrum Plot of Worst Value



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	631668	3475.02	45.7226	47.376
BPSK	633334	3500.01	45.7258	47.415
BPSK	635000	3525	45.6965	47.349
QPSK	631668	3475.02	47.4742	49.198
QPSK	633334	3500.01	47.4646	49.219
QPSK	635000	3525	47.4645	49.188
16QAM	631668	3475.02	47.4398	49.277
16QAM	633334	3500.01	47.4438	49.232
16QAM	635000	3525	47.4381	49.230
64QAM	631668	3475.02	47.4854	49.256
64QAM	633334	3500.01	47.4874	49.189
64QAM	635000	3525	47.4828	49.283
256QAM	631668	3475.02	47.4870	49.151
256QAM	633334	3500.01	47.4778	49.169
256QAM	635000	3525	47.4843	49.200

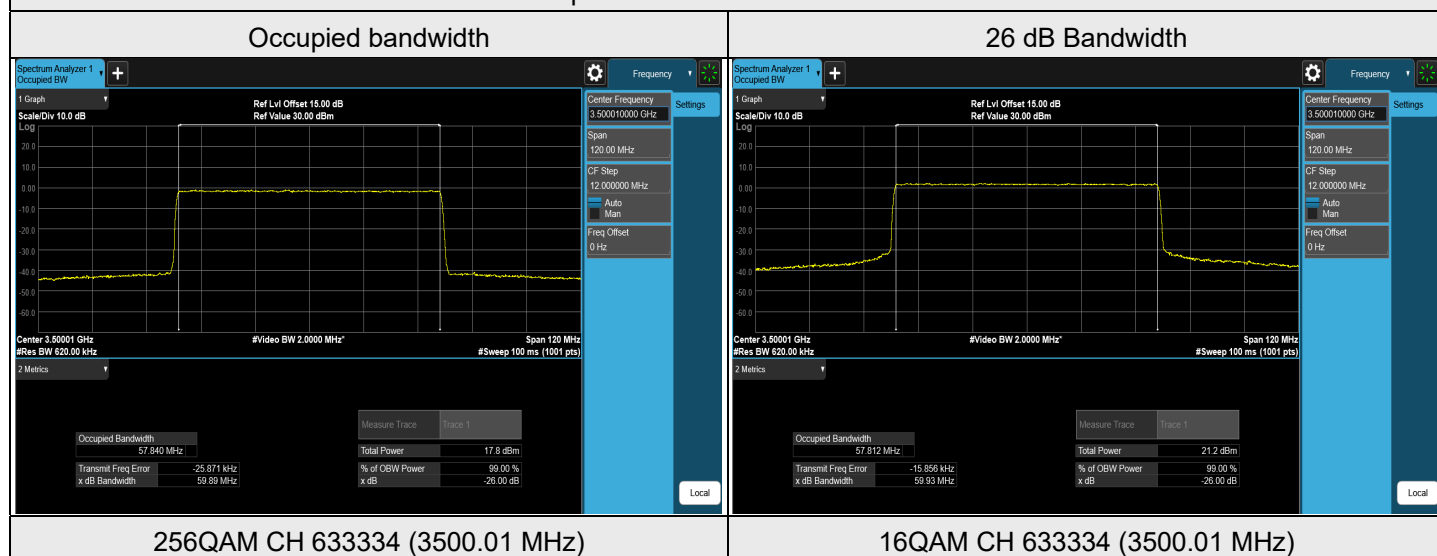
Spectrum Plot of Worst Value



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	632000	3480	57.8234	59.852
BPSK	633334	3500.01	57.8329	59.855
BPSK	634666	3519.99	57.8107	59.862
QPSK	632000	3480	57.7988	59.926
QPSK	633334	3500.01	57.8034	59.906
QPSK	634666	3519.99	57.7874	59.876
16QAM	632000	3480	57.8164	59.904
16QAM	633334	3500.01	57.8123	59.927
16QAM	634666	3519.99	57.8054	59.893
64QAM	632000	3480	57.7947	59.875
64QAM	633334	3500.01	57.7861	59.863
64QAM	634666	3519.99	57.7884	59.841
256QAM	632000	3480	57.8341	59.822
256QAM	633334	3500.01	57.8396	59.889
256QAM	634666	3519.99	57.8210	59.851

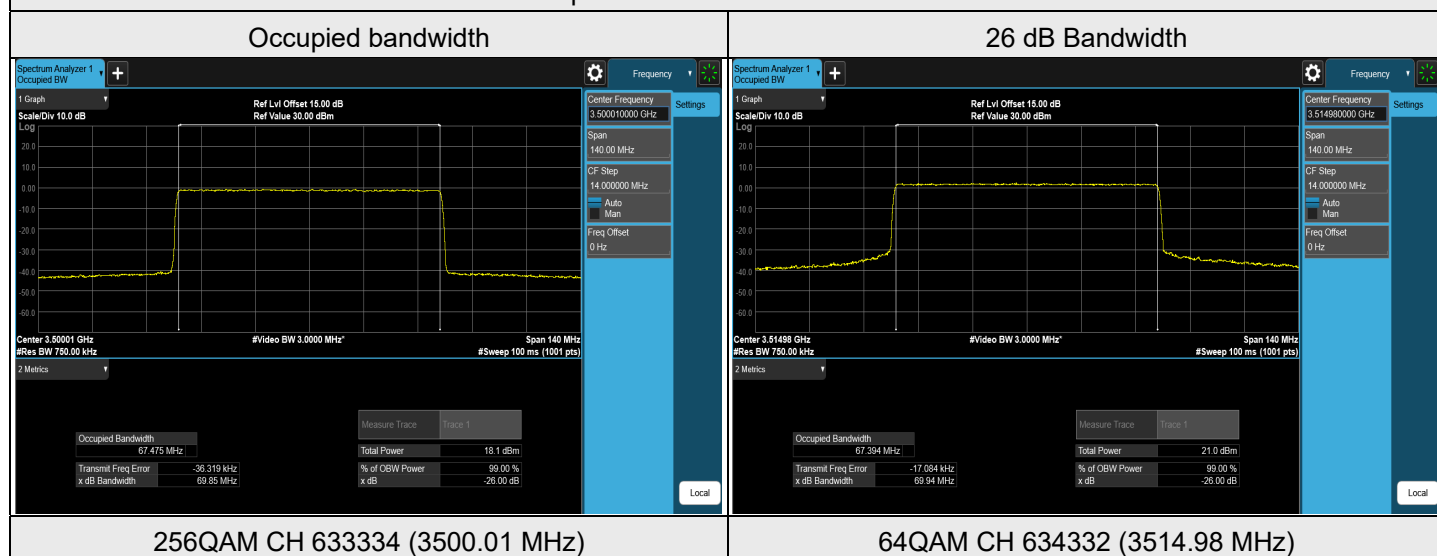
Spectrum Plot of Worst Value



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

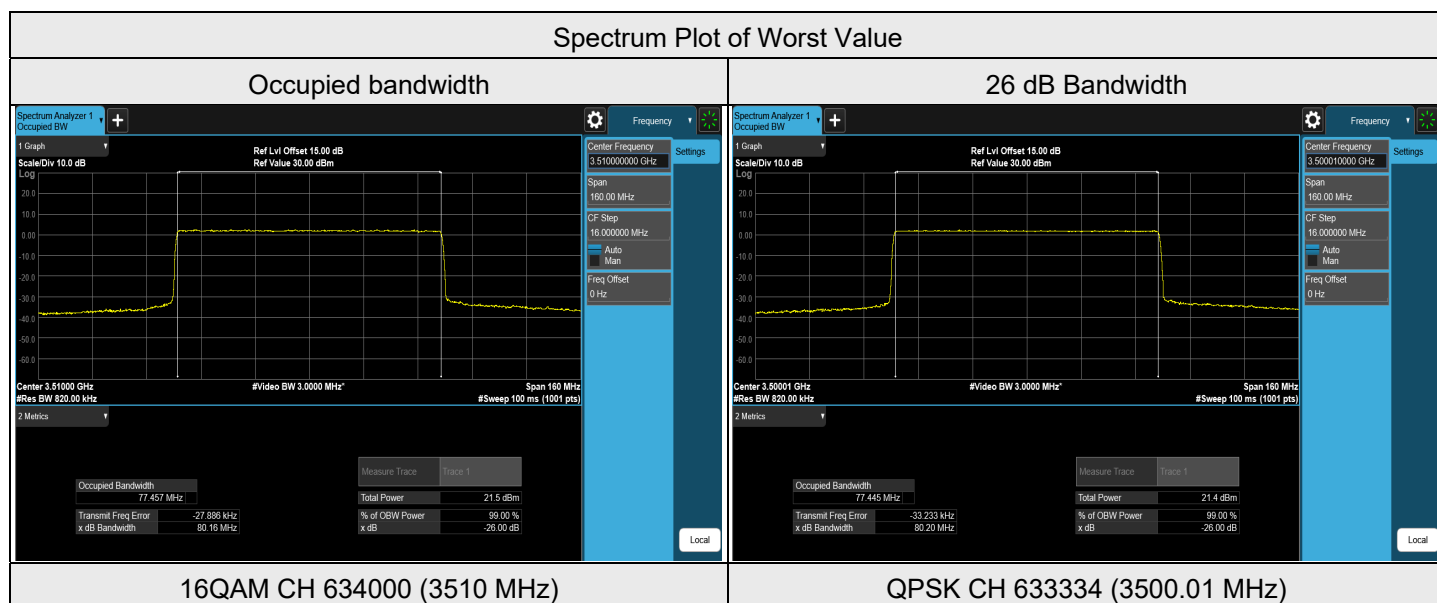
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	632334	3485.01	64.2730	66.610
BPSK	633334	3500.01	64.2765	66.614
BPSK	634332	3514.98	64.2945	66.614
QPSK	632334	3485.01	67.4560	69.929
QPSK	633334	3500.01	67.4353	69.933
QPSK	634332	3514.98	67.4486	69.924
16QAM	632334	3485.01	67.4571	69.881
16QAM	633334	3500.01	67.4613	69.894
16QAM	634332	3514.98	67.4502	69.894
64QAM	632334	3485.01	67.4242	69.867
64QAM	633334	3500.01	67.4277	69.936
64QAM	634332	3514.98	67.3936	69.944
256QAM	632334	3485.01	67.4602	69.881
256QAM	633334	3500.01	67.4752	69.846
256QAM	634332	3514.98	67.4567	69.861

Spectrum Plot of Worst Value



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

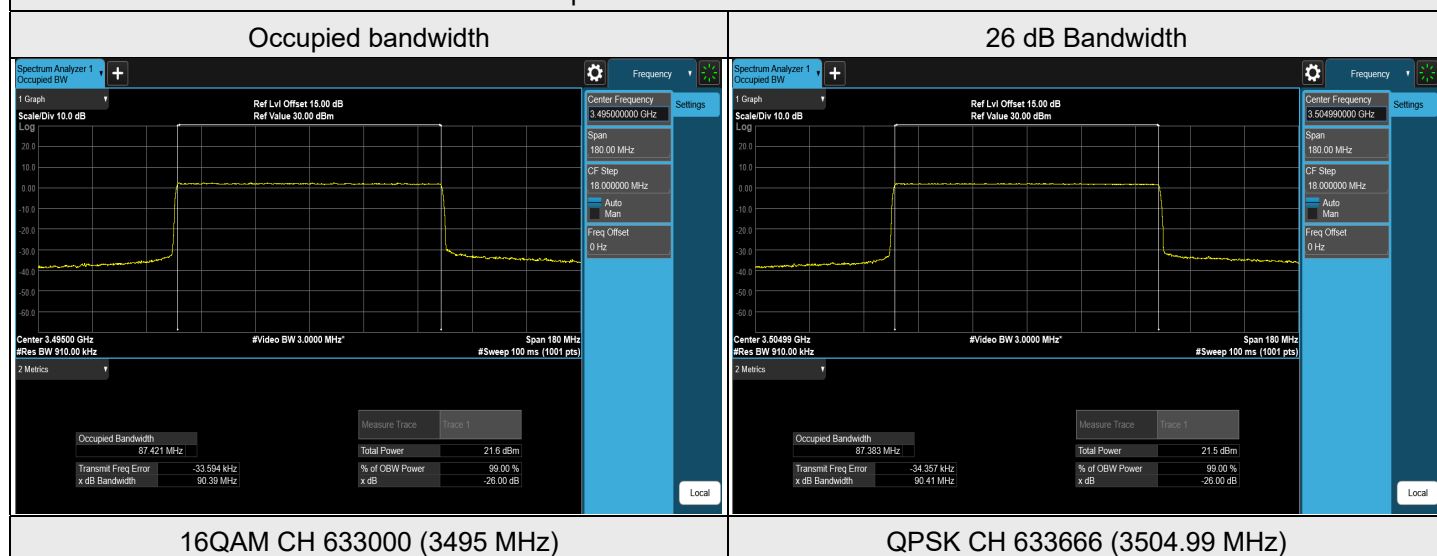
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	632668	3490.02	77.0523	79.739
BPSK	633334	3500.01	77.0400	79.728
BPSK	634000	3510	77.0559	79.736
QPSK	632668	3490.02	77.4511	80.184
QPSK	633334	3500.01	77.4448	80.201
QPSK	634000	3510	77.4181	80.180
16QAM	632668	3490.02	77.4481	80.148
16QAM	633334	3500.01	77.4453	80.165
16QAM	634000	3510	77.4568	80.156
64QAM	632668	3490.02	77.4009	80.142
64QAM	633334	3500.01	77.3789	80.099
64QAM	634000	3510	77.3853	80.147
256QAM	632668	3490.02	77.4504	80.145
256QAM	633334	3500.01	77.4282	80.089
256QAM	634000	3510	77.4230	80.113



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

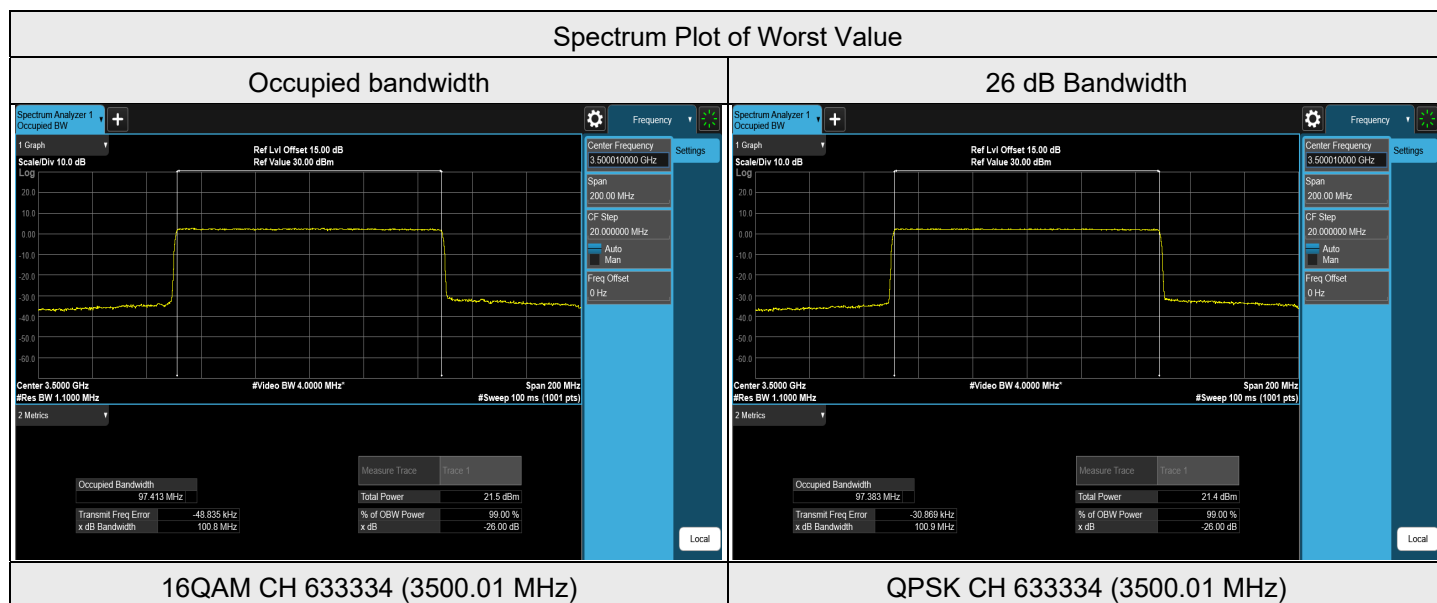
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	633000	3495	86.7040	89.638
BPSK	633334	3500.01	86.6949	89.682
BPSK	633666	3504.99	86.6892	89.690
QPSK	633000	3495	87.3867	90.393
QPSK	633334	3500.01	87.3780	90.392
QPSK	633666	3504.99	87.3832	90.407
16QAM	633000	3495	87.4206	90.389
16QAM	633334	3500.01	87.4141	90.386
16QAM	633666	3504.99	87.4101	90.382
64QAM	633000	3495	87.3669	90.366
64QAM	633334	3500.01	87.3791	90.386
64QAM	633666	3504.99	87.3612	90.373
256QAM	633000	3495	87.3320	90.383
256QAM	633334	3500.01	87.3508	90.386
256QAM	633666	3504.99	87.3486	90.381

Spectrum Plot of Worst Value



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

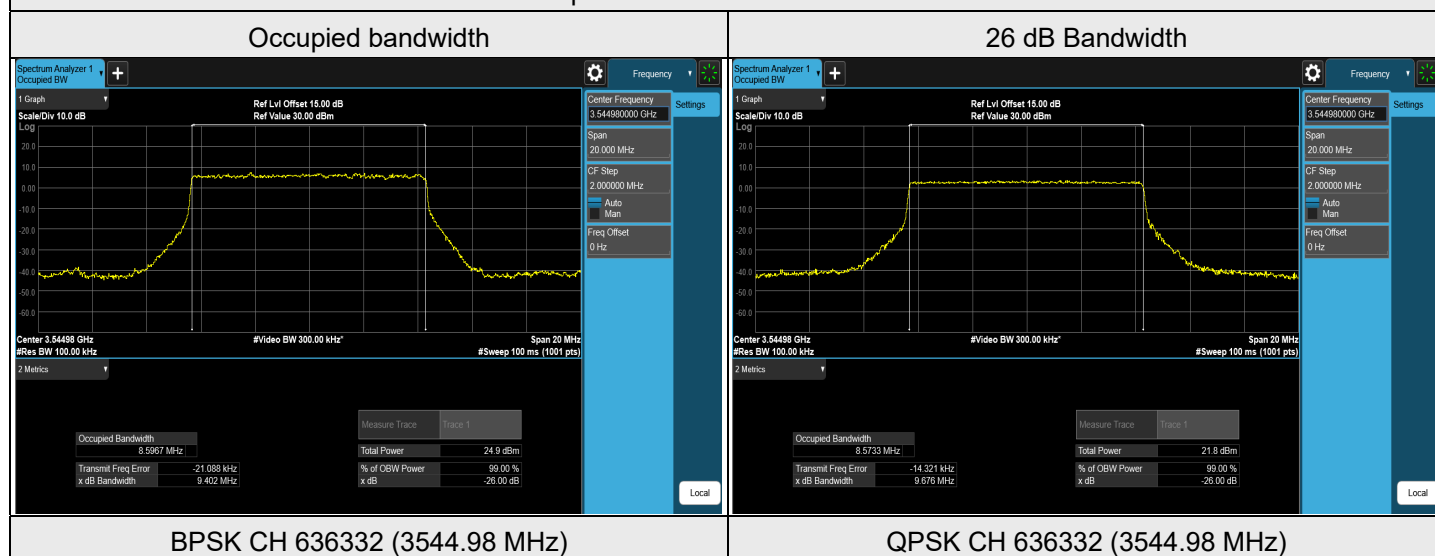
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	633334	3500.01	96.3404	99.836
QPSK	633334	3500.01	97.3829	100.911
16QAM	633334	3500.01	97.4132	100.845
64QAM	633334	3500.01	97.4049	100.895
256QAM	633334	3500.01	97.4031	100.855



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630334	3455.01	8.5961	9.363
BPSK	633334	3500.01	8.5863	9.438
BPSK	636332	3544.98	8.5967	9.402
QPSK	630334	3455.01	8.5743	9.550
QPSK	633334	3500.01	8.5760	9.461
QPSK	636332	3544.98	8.5733	9.676
16QAM	630334	3455.01	8.5707	9.463
16QAM	633334	3500.01	8.5689	9.427
16QAM	636332	3544.98	8.5707	9.506
64QAM	630334	3455.01	8.5746	9.371
64QAM	633334	3500.01	8.5692	9.477
64QAM	636332	3544.98	8.5798	9.412
256QAM	630334	3455.01	8.5856	9.297
256QAM	633334	3500.01	8.5825	9.427
256QAM	636332	3544.98	8.5785	9.346

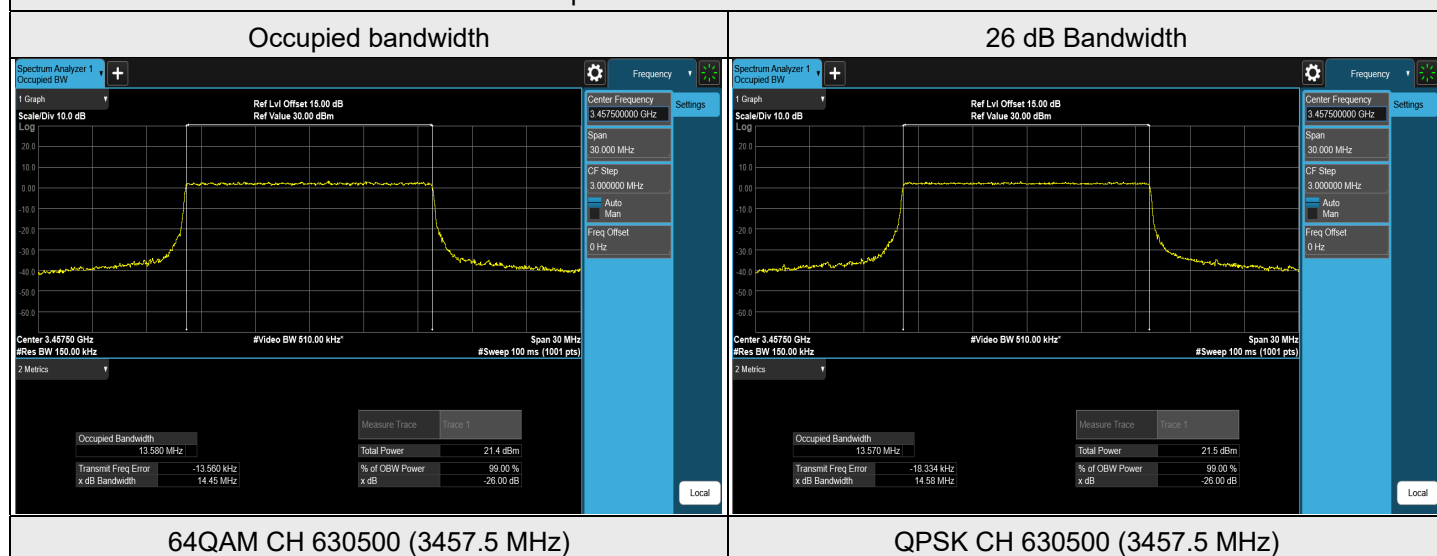
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630500	3457.5	12.8666	13.702
BPSK	633334	3500.01	12.8663	13.693
BPSK	636166	3542.49	12.8597	13.670
QPSK	630500	3457.5	13.5701	14.578
QPSK	633334	3500.01	13.5695	14.494
QPSK	636166	3542.49	13.5656	14.510
16QAM	630500	3457.5	13.5526	14.496
16QAM	633334	3500.01	13.5589	14.549
16QAM	636166	3542.49	13.5593	14.483
64QAM	630500	3457.5	13.5801	14.449
64QAM	633334	3500.01	13.5716	14.457
64QAM	636166	3542.49	13.5760	14.450
256QAM	630500	3457.5	13.5530	14.393
256QAM	633334	3500.01	13.5576	14.462
256QAM	636166	3542.49	13.5513	14.290

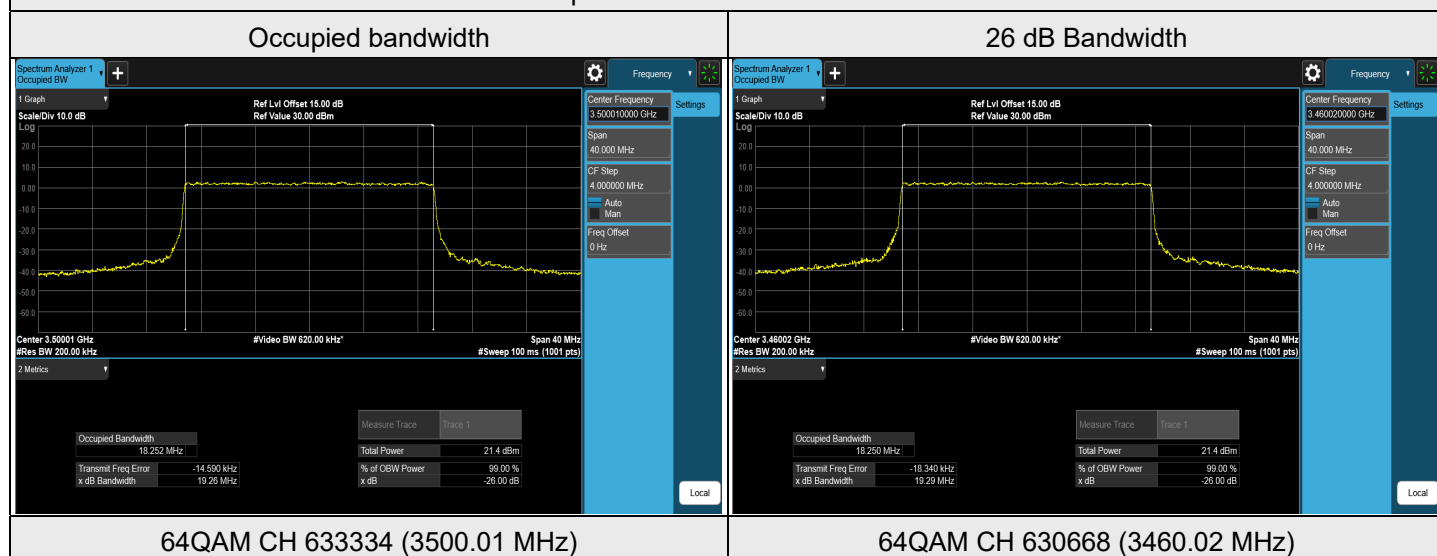
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, Channel Bandwidth: 20 MHz

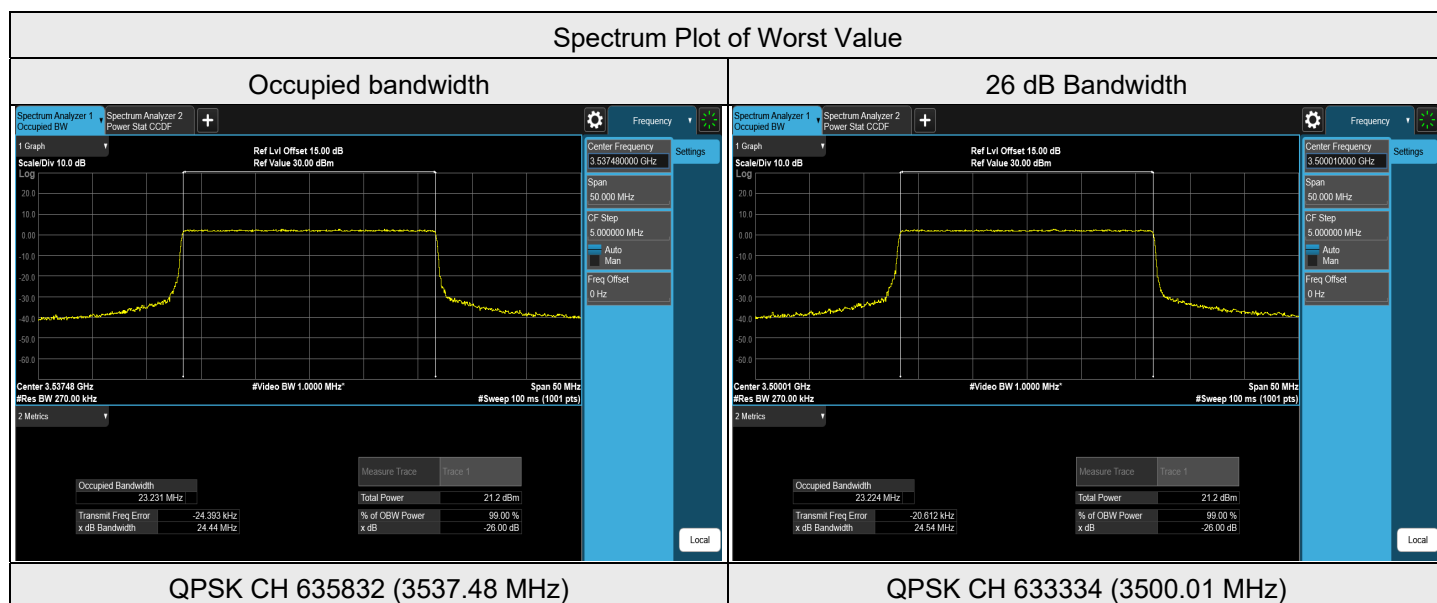
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630668	3460.02	17.8597	18.826
BPSK	633334	3500.01	17.8488	18.758
BPSK	636000	3540	17.8527	18.680
QPSK	630668	3460.02	18.2011	19.165
QPSK	633334	3500.01	18.2006	19.177
QPSK	636000	3540	18.2020	19.277
16QAM	630668	3460.02	18.2117	19.240
16QAM	633334	3500.01	18.2094	19.179
16QAM	636000	3540	18.2178	19.229
64QAM	630668	3460.02	18.2503	19.292
64QAM	633334	3500.01	18.2517	19.264
64QAM	636000	3540	18.2393	19.155
256QAM	630668	3460.02	18.2288	19.192
256QAM	633334	3500.01	18.2250	19.120
256QAM	636000	3540	18.2277	19.143

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, Channel Bandwidth: 25 MHz

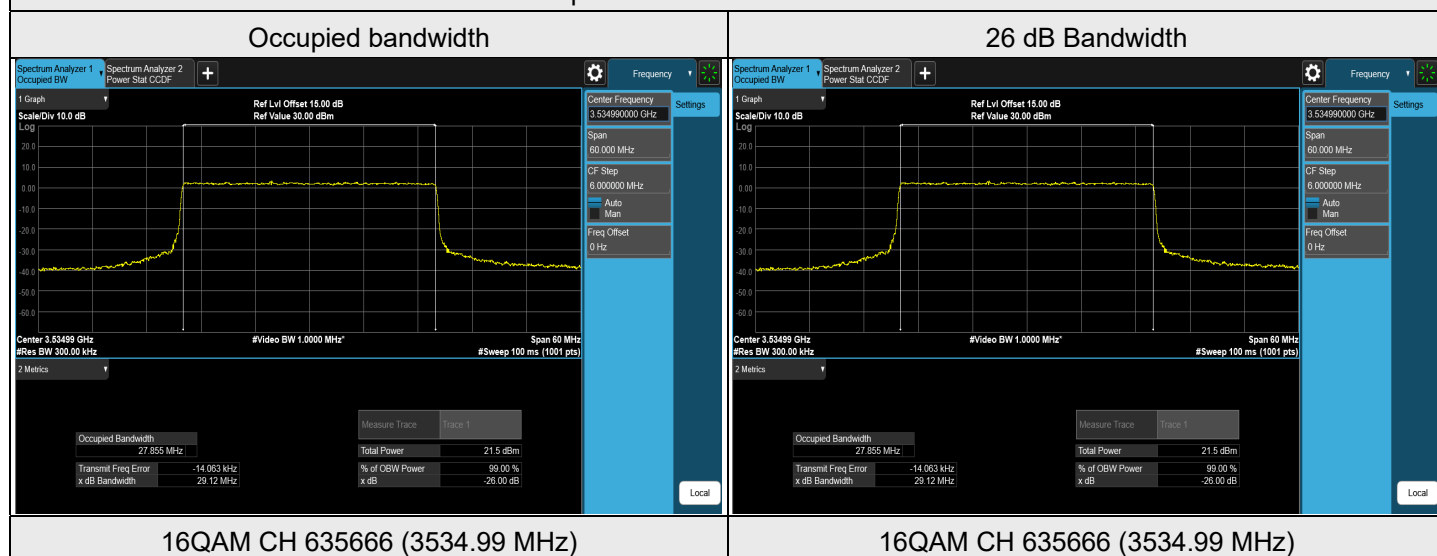
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630834	3462.51	22.8761	23.838
BPSK	633334	3500.01	22.8382	23.804
BPSK	635832	3537.48	22.8490	23.856
QPSK	630834	3462.51	23.2138	24.481
QPSK	633334	3500.01	23.2235	24.544
QPSK	635832	3537.48	23.2309	24.437
16QAM	630834	3462.51	23.2107	24.354
16QAM	633334	3500.01	23.2078	24.339
16QAM	635832	3537.48	23.1972	24.381
64QAM	630834	3462.51	23.1887	24.261
64QAM	633334	3500.01	23.1825	24.211
64QAM	635832	3537.48	23.1769	24.282
256QAM	630834	3462.51	23.2257	24.491
256QAM	633334	3500.01	23.2301	24.461
256QAM	635832	3537.48	23.2248	24.378



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	631000	3465	26.7627	27.899
BPSK	633334	3500.01	26.7921	27.942
BPSK	635666	3534.99	26.7604	27.950
QPSK	631000	3465	27.8341	29.115
QPSK	633334	3500.01	27.8472	29.048
QPSK	635666	3534.99	27.8396	29.106
16QAM	631000	3465	27.8522	29.078
16QAM	633334	3500.01	27.8521	29.097
16QAM	635666	3534.99	27.8554	29.123
64QAM	631000	3465	27.8378	29.068
64QAM	633334	3500.01	27.8346	29.032
64QAM	635666	3534.99	27.8460	29.044
256QAM	631000	3465	27.8367	29.022
256QAM	633334	3500.01	27.8373	29.019
256QAM	635666	3534.99	27.8399	28.991

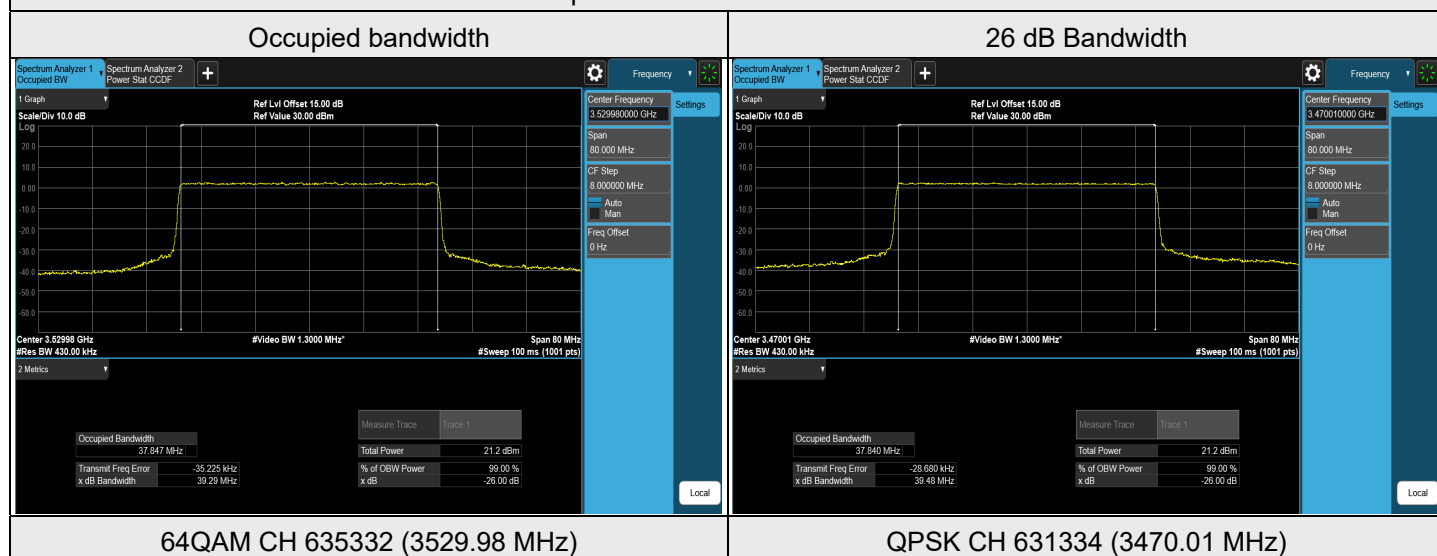
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	631334	3470.01	35.7358	37.126
BPSK	633334	3500.01	35.7289	37.108
BPSK	635332	3529.98	35.7233	37.103
QPSK	631334	3470.01	37.8400	39.481
QPSK	633334	3500.01	37.8435	39.396
QPSK	635332	3529.98	37.8271	39.419
16QAM	631334	3470.01	37.8406	39.312
16QAM	633334	3500.01	37.8351	39.286
16QAM	635332	3529.98	37.8397	39.317
64QAM	631334	3470.01	37.8444	39.361
64QAM	633334	3500.01	37.8461	39.268
64QAM	635332	3529.98	37.8474	39.294
256QAM	631334	3470.01	37.8428	39.261
256QAM	633334	3500.01	37.8350	39.250
256QAM	635332	3529.98	37.8299	39.259

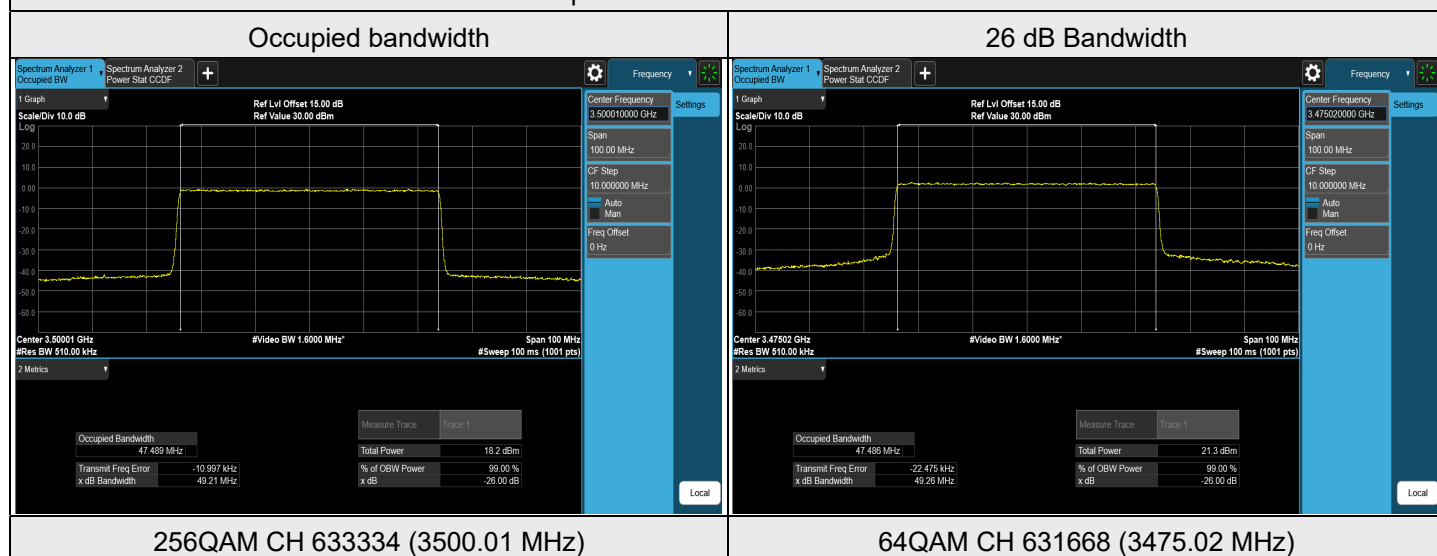
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, Channel Bandwidth: 50 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	631668	3475.02	45.7441	47.405
BPSK	633334	3500.01	45.7367	47.405
BPSK	635000	3525	45.7326	47.431
QPSK	631668	3475.02	47.4746	49.192
QPSK	633334	3500.01	47.4697	49.213
QPSK	635000	3525	47.4667	49.202
16QAM	631668	3475.02	47.4449	49.222
16QAM	633334	3500.01	47.4469	49.229
16QAM	635000	3525	47.4261	49.230
64QAM	631668	3475.02	47.4859	49.261
64QAM	633334	3500.01	47.4841	49.202
64QAM	635000	3525	47.4861	49.224
256QAM	631668	3475.02	47.4780	49.154
256QAM	633334	3500.01	47.4889	49.207
256QAM	635000	3525	47.4767	49.194

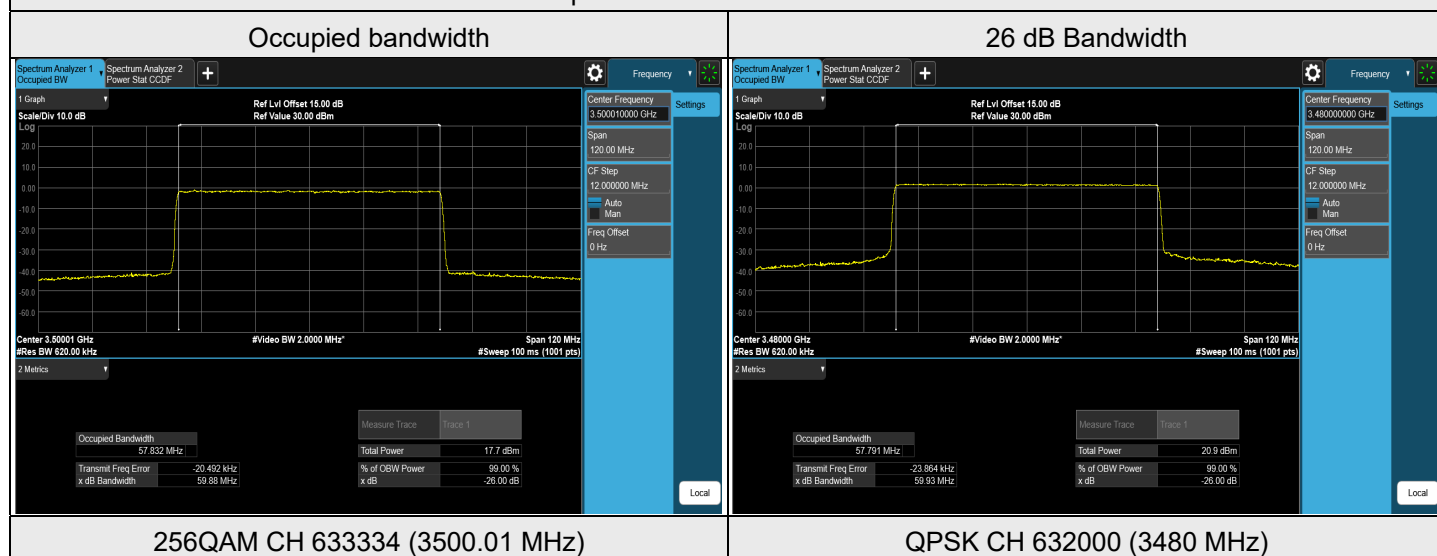
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, Channel Bandwidth: 60 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	632000	3480	57.8114	59.896
BPSK	633334	3500.01	57.8305	59.868
BPSK	634666	3519.99	57.8096	59.905
QPSK	632000	3480	57.7913	59.929
QPSK	633334	3500.01	57.7855	59.892
QPSK	634666	3519.99	57.7903	59.878
16QAM	632000	3480	57.8141	59.925
16QAM	633334	3500.01	57.8167	59.911
16QAM	634666	3519.99	57.8036	59.901
64QAM	632000	3480	57.7837	59.887
64QAM	633334	3500.01	57.7866	59.877
64QAM	634666	3519.99	57.7841	59.861
256QAM	632000	3480	57.8245	59.859
256QAM	633334	3500.01	57.8318	59.880
256QAM	634666	3519.99	57.8201	59.831

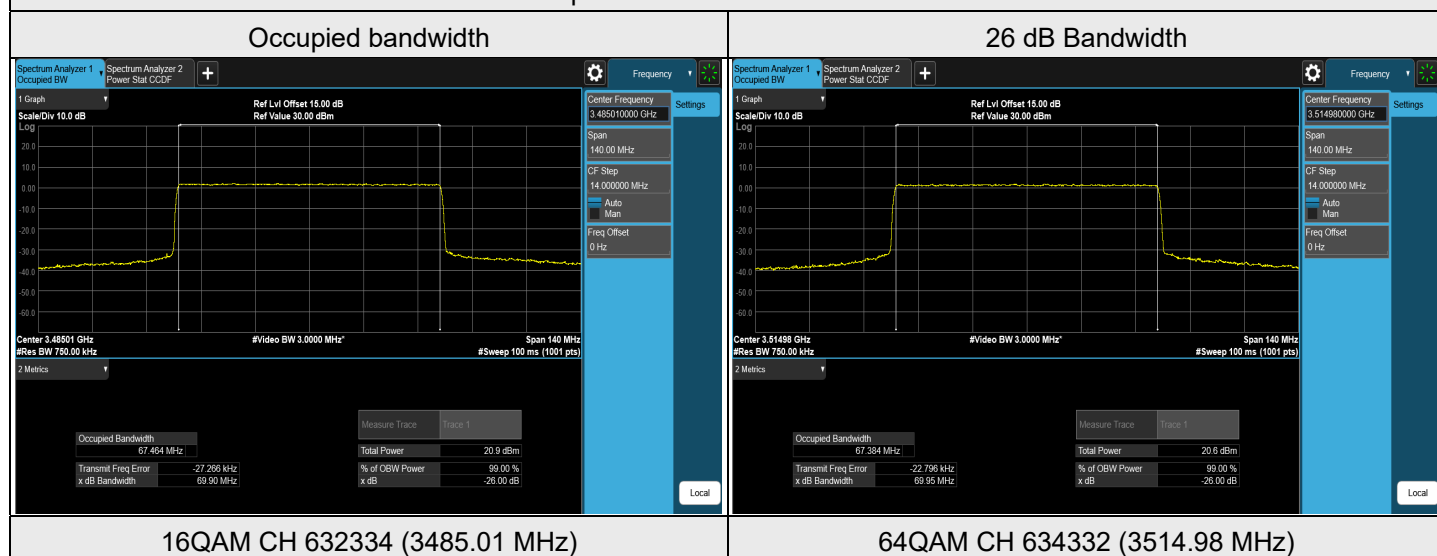
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, Channel Bandwidth: 70 MHz

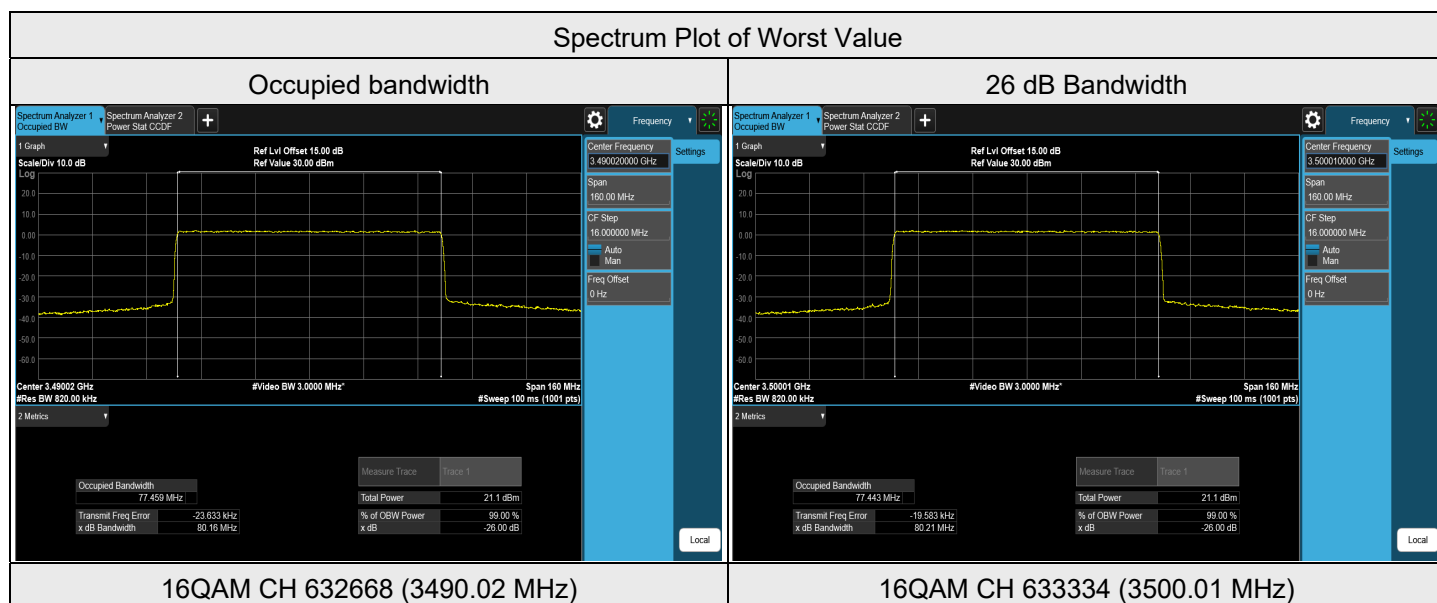
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	632334	3485.01	64.2693	66.627
BPSK	633334	3500.01	64.2796	66.617
BPSK	634332	3514.98	64.2741	66.649
QPSK	632334	3485.01	67.4564	69.926
QPSK	633334	3500.01	67.4405	69.938
QPSK	634332	3514.98	67.4293	69.913
16QAM	632334	3485.01	67.4642	69.900
16QAM	633334	3500.01	67.4567	69.897
16QAM	634332	3514.98	67.4385	69.903
64QAM	632334	3485.01	67.3993	69.878
64QAM	633334	3500.01	67.4146	69.906
64QAM	634332	3514.98	67.3842	69.950
256QAM	632334	3485.01	67.4519	69.883
256QAM	633334	3500.01	67.4611	69.863
256QAM	634332	3514.98	67.4619	69.835

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, Channel Bandwidth: 80 MHz

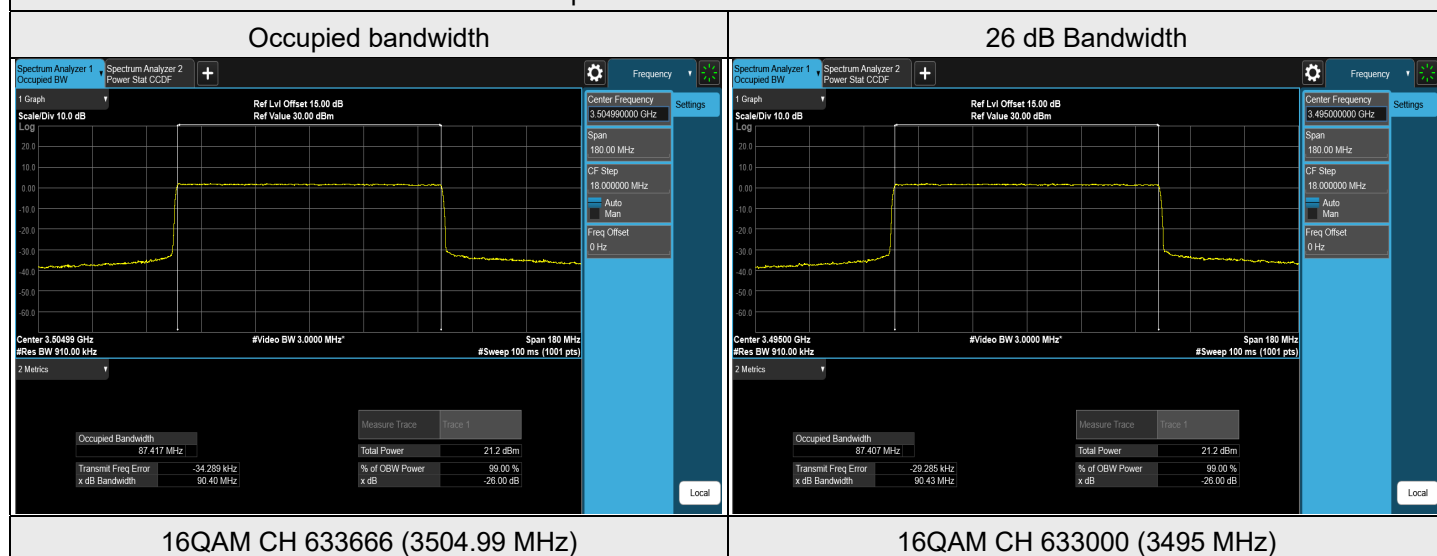
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	632668	3490.02	77.0641	79.749
BPSK	633334	3500.01	77.0844	79.731
BPSK	634000	3510	77.0466	79.736
QPSK	632668	3490.02	77.4328	80.143
QPSK	633334	3500.01	77.4500	80.135
QPSK	634000	3510	77.4111	80.201
16QAM	632668	3490.02	77.4589	80.161
16QAM	633334	3500.01	77.4429	80.207
16QAM	634000	3510	77.4561	80.149
64QAM	632668	3490.02	77.3794	80.114
64QAM	633334	3500.01	77.3884	80.092
64QAM	634000	3510	77.3811	80.140
256QAM	632668	3490.02	77.4342	80.122
256QAM	633334	3500.01	77.4264	80.088
256QAM	634000	3510	77.4431	80.142



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, Channel Bandwidth: 90 MHz

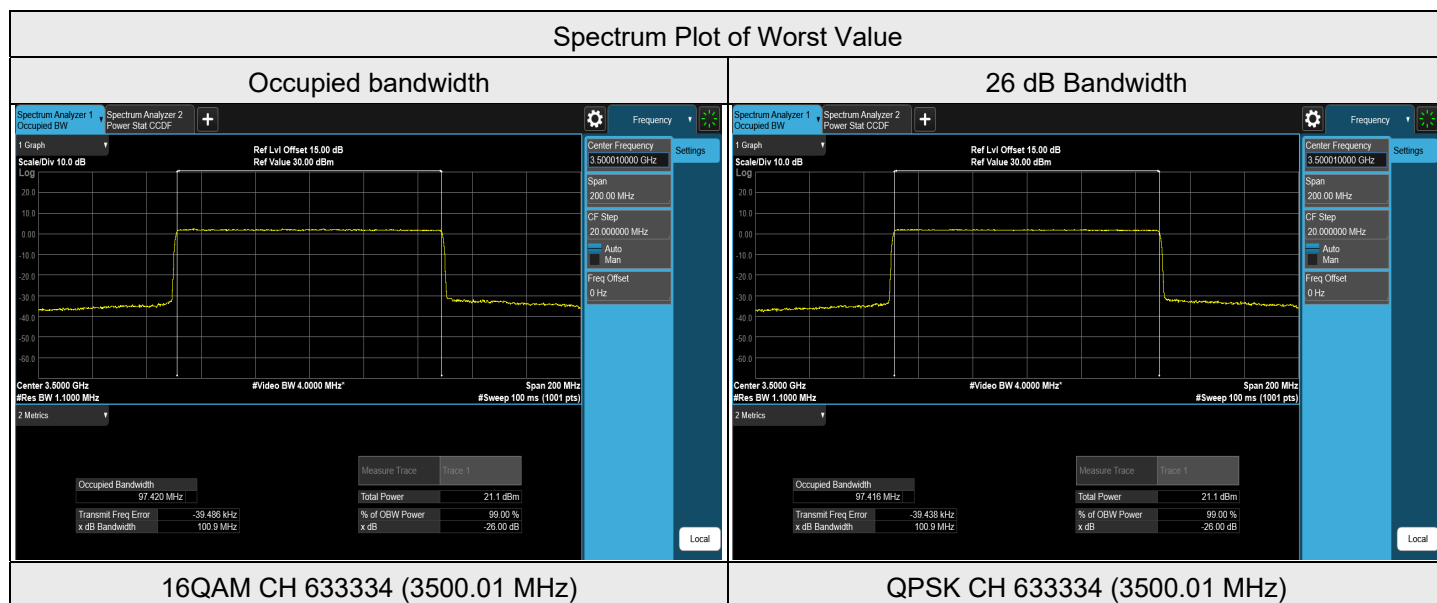
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	633000	3495	86.7079	89.648
BPSK	633334	3500.01	86.6955	89.645
BPSK	633666	3504.99	86.7017	89.653
QPSK	633000	3495	87.3983	90.399
QPSK	633334	3500.01	87.3848	90.403
QPSK	633666	3504.99	87.3797	90.405
16QAM	633000	3495	87.4075	90.427
16QAM	633334	3500.01	87.4116	90.417
16QAM	633666	3504.99	87.4173	90.399
64QAM	633000	3495	87.3878	90.388
64QAM	633334	3500.01	87.3727	90.399
64QAM	633666	3504.99	87.3601	90.385
256QAM	633000	3495	87.3510	90.335
256QAM	633334	3500.01	87.3313	90.374
256QAM	633666	3504.99	87.3405	90.377

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, Channel Bandwidth: 100 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	633334	3500.01	96.3194	99.792
QPSK	633334	3500.01	97.4156	100.915
16QAM	633334	3500.01	97.4199	100.879
64QAM	633334	3500.01	97.3480	100.891
256QAM	633334	3500.01	97.4154	100.850

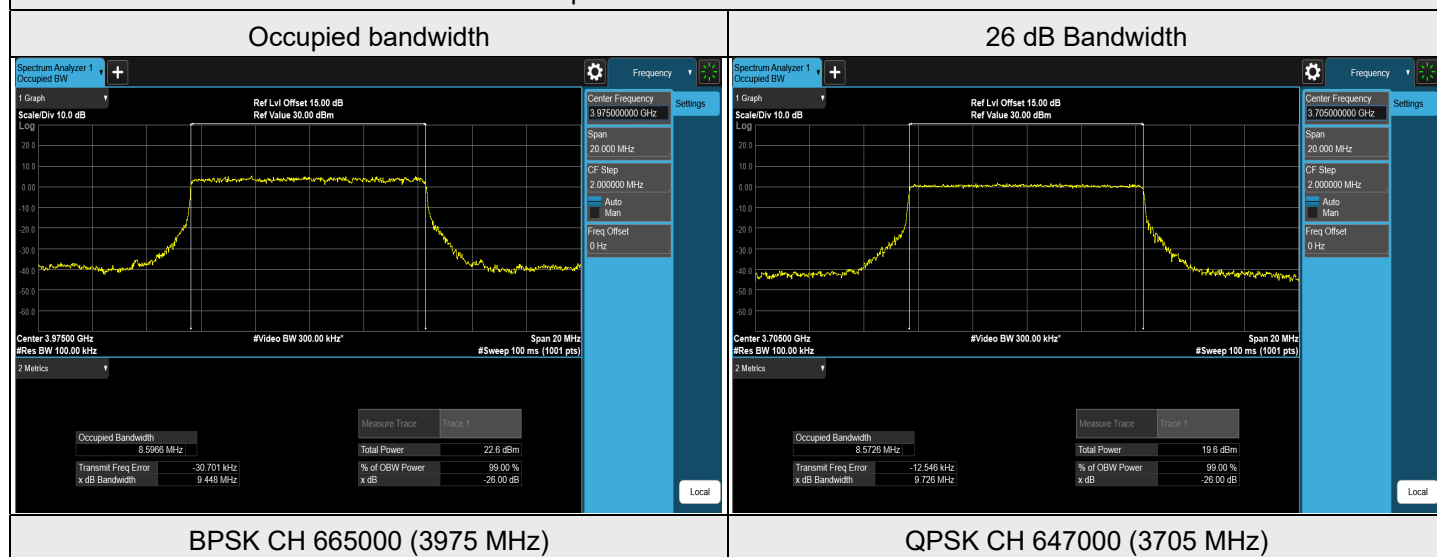


7.4.9 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	647000	3705	8.5708	9.391
BPSK	656000	3840	8.5834	9.370
BPSK	665000	3975	8.5966	9.448
QPSK	647000	3705	8.5726	9.726
QPSK	656000	3840	8.5718	9.529
QPSK	665000	3975	8.5710	9.717
16QAM	647000	3705	8.5701	9.469
16QAM	656000	3840	8.5579	9.455
16QAM	665000	3975	8.5689	9.591
64QAM	647000	3705	8.5769	9.455
64QAM	656000	3840	8.5713	9.303
64QAM	665000	3975	8.5778	9.426
256QAM	647000	3705	8.5715	9.291
256QAM	656000	3840	8.5941	9.357
256QAM	665000	3975	8.5807	9.324

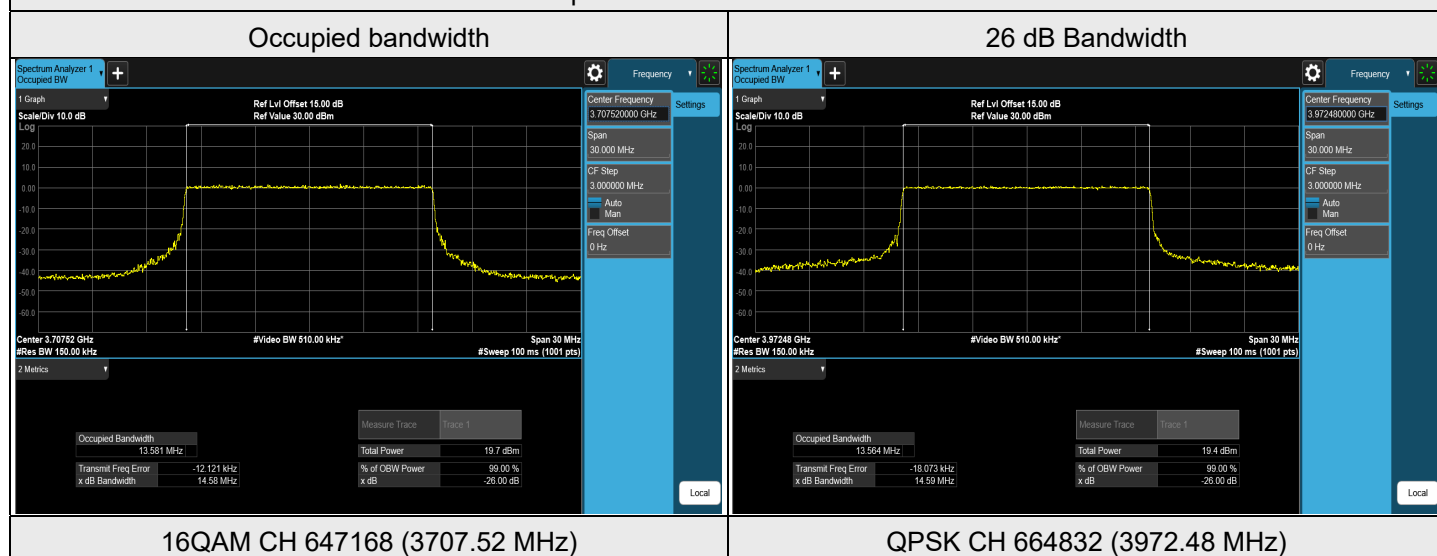
Spectrum Plot of Worst Value



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	647168	3707.52	12.8727	13.611
BPSK	656000	3840	12.8644	13.656
BPSK	664832	3972.48	12.8580	13.599
QPSK	647168	3707.52	13.5655	14.446
QPSK	656000	3840	13.5689	14.508
QPSK	664832	3972.48	13.5642	14.588
16QAM	647168	3707.52	13.5812	14.583
16QAM	656000	3840	13.5618	14.521
16QAM	664832	3972.48	13.5550	14.506
64QAM	647168	3707.52	13.5722	14.371
64QAM	656000	3840	13.5766	14.451
64QAM	664832	3972.48	13.5673	14.423
256QAM	647168	3707.52	13.5486	14.349
256QAM	656000	3840	13.5514	14.349
256QAM	664832	3972.48	13.5569	14.340

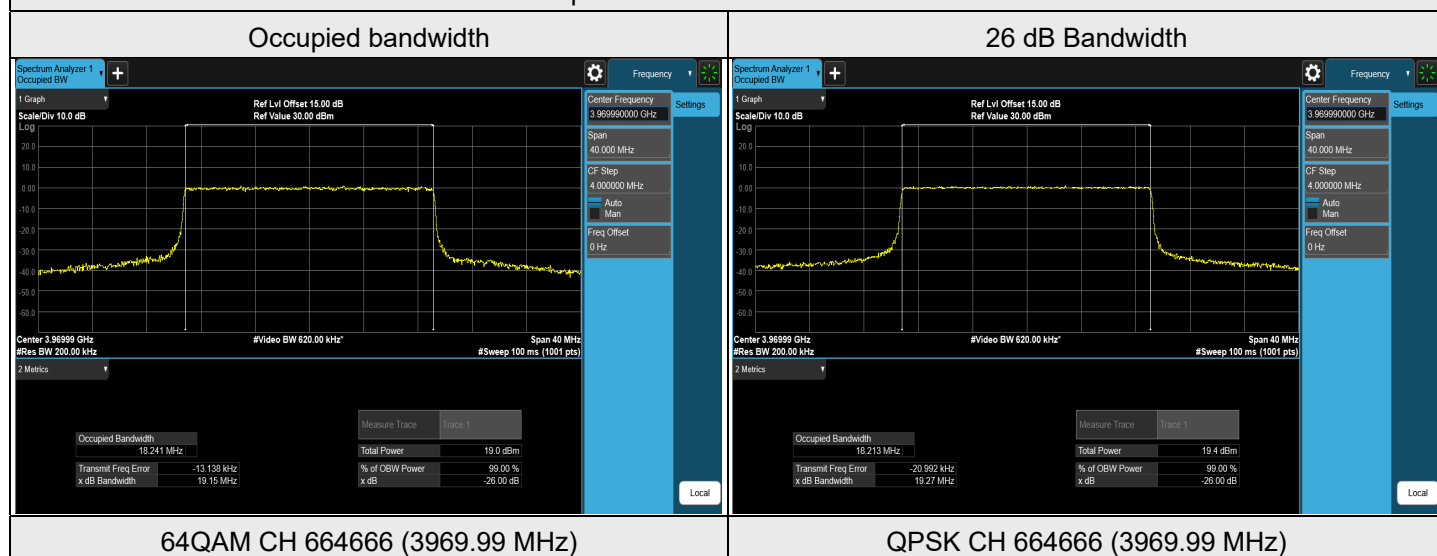
Spectrum Plot of Worst Value



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

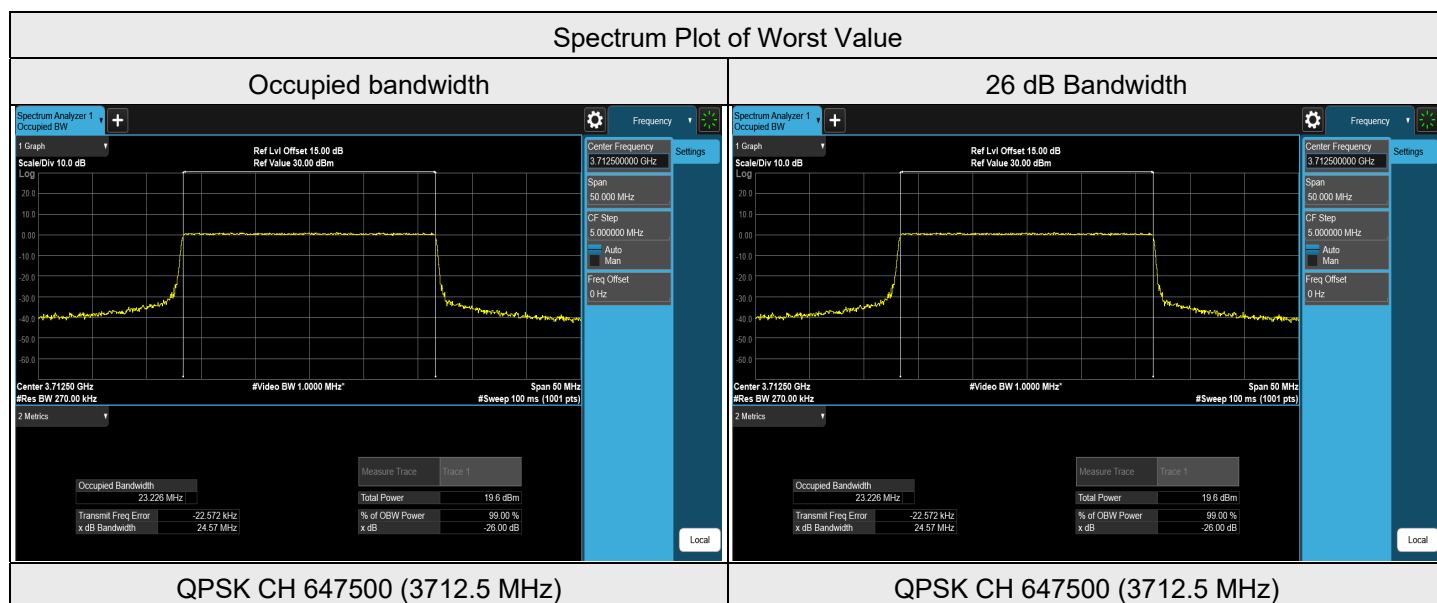
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	647334	3710.01	17.8411	18.708
BPSK	656000	3840	17.8547	18.688
BPSK	664666	3969.99	17.8360	18.598
QPSK	647334	3710.01	18.2038	19.141
QPSK	656000	3840	18.1955	19.117
QPSK	664666	3969.99	18.2127	19.274
16QAM	647334	3710.01	18.2020	19.188
16QAM	656000	3840	18.2042	19.166
16QAM	664666	3969.99	18.2196	19.190
64QAM	647334	3710.01	18.2364	19.194
64QAM	656000	3840	18.2362	19.156
64QAM	664666	3969.99	18.2409	19.147
256QAM	647334	3710.01	18.2220	19.108
256QAM	656000	3840	18.2171	19.116
256QAM	664666	3969.99	18.2240	19.087

Spectrum Plot of Worst Value



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

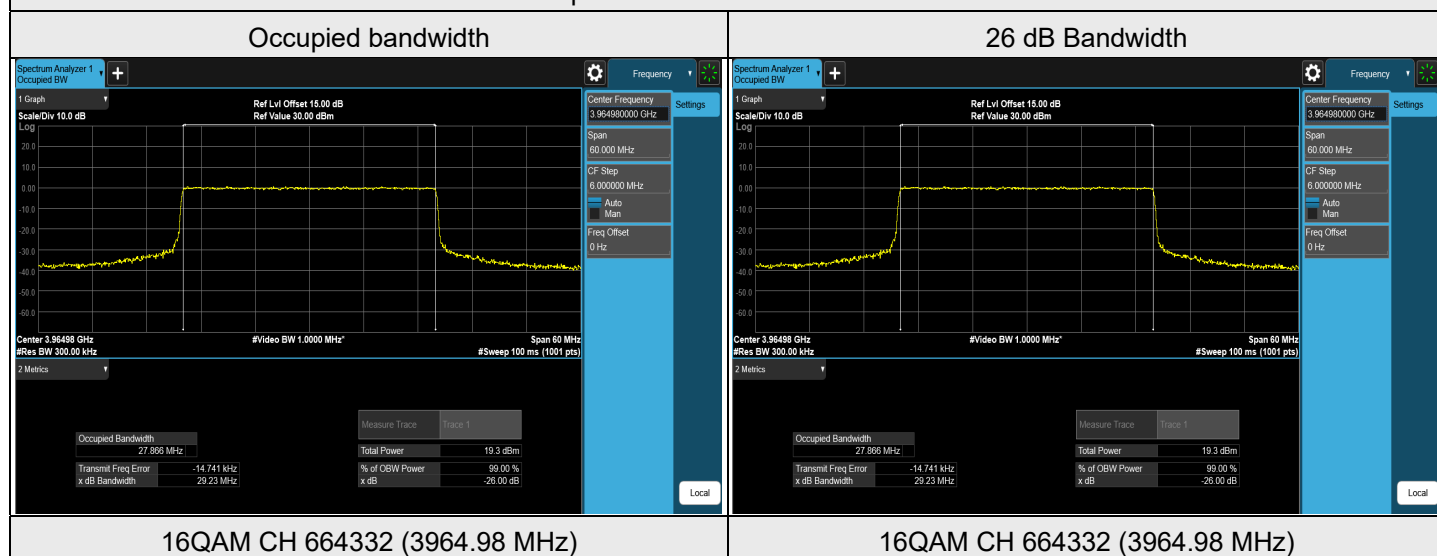
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	647500	3712.5	22.8471	23.837
BPSK	656000	3840	22.8356	23.825
BPSK	664500	3967.5	22.8420	23.794
QPSK	647500	3712.5	23.2259	24.570
QPSK	656000	3840	23.2257	24.347
QPSK	664500	3967.5	23.2250	24.410
16QAM	647500	3712.5	23.1832	24.186
16QAM	656000	3840	23.1999	24.311
16QAM	664500	3967.5	23.2048	24.483
64QAM	647500	3712.5	23.1768	24.227
64QAM	656000	3840	23.1742	24.240
64QAM	664500	3967.5	23.1856	24.280
256QAM	647500	3712.5	23.2172	24.398
256QAM	656000	3840	23.2173	24.389
256QAM	664500	3967.5	23.2127	24.235



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 0, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	647668	3715.02	26.7428	27.898
BPSK	656000	3840	26.7484	27.866
BPSK	664332	3964.98	26.7691	27.880
QPSK	647668	3715.02	27.8454	29.091
QPSK	656000	3840	27.8350	28.976
QPSK	664332	3964.98	27.8437	29.170
16QAM	647668	3715.02	27.8538	29.142
16QAM	656000	3840	27.8441	29.031
16QAM	664332	3964.98	27.8657	29.230
64QAM	647668	3715.02	27.8404	28.976
64QAM	656000	3840	27.8403	28.951
64QAM	664332	3964.98	27.8373	28.955
256QAM	647668	3715.02	27.8378	28.983
256QAM	656000	3840	27.8534	29.004
256QAM	664332	3964.98	27.8544	29.030

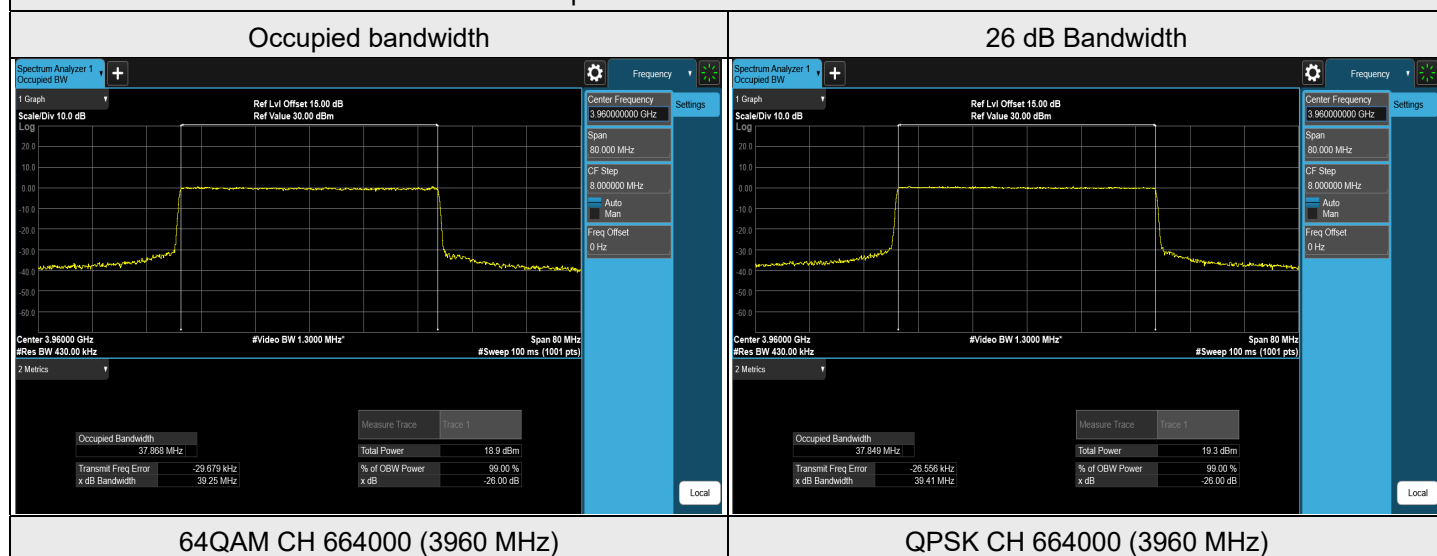
Spectrum Plot of Worst Value



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	648000	3720	35.7164	37.063
BPSK	656000	3840	35.7217	37.097
BPSK	664000	3960	35.7412	37.078
QPSK	648000	3720	37.8266	39.330
QPSK	656000	3840	37.8262	39.322
QPSK	664000	3960	37.8493	39.408
16QAM	648000	3720	37.8284	39.281
16QAM	656000	3840	37.8361	39.262
16QAM	664000	3960	37.8458	39.284
64QAM	648000	3720	37.8303	39.350
64QAM	656000	3840	37.8296	39.290
64QAM	664000	3960	37.8684	39.253
256QAM	648000	3720	37.8267	39.256
256QAM	656000	3840	37.8361	39.247
256QAM	664000	3960	37.8466	39.242

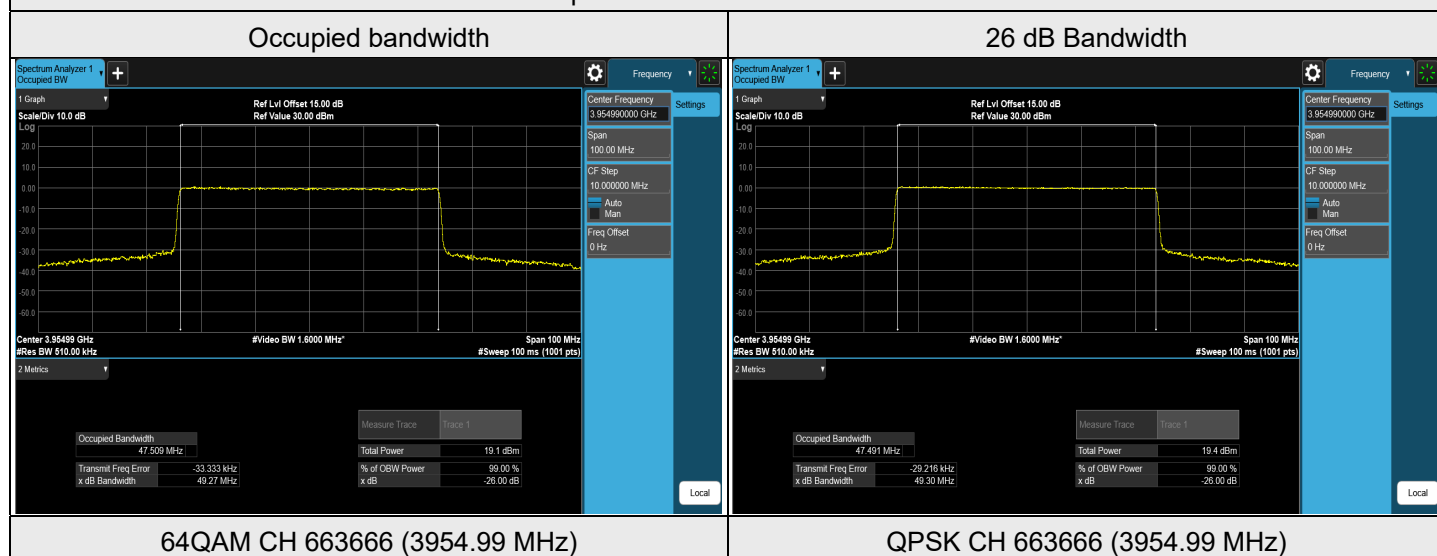
Spectrum Plot of Worst Value



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	648334	3725.01	45.7299	47.340
BPSK	656000	3840	45.6802	47.396
BPSK	663666	3954.99	45.7497	47.408
QPSK	648334	3725.01	47.4651	49.208
QPSK	656000	3840	47.4432	49.208
QPSK	663666	3954.99	47.4913	49.301
16QAM	648334	3725.01	47.4366	49.221
16QAM	656000	3840	47.4290	49.139
16QAM	663666	3954.99	47.4623	49.235
64QAM	648334	3725.01	47.4887	49.239
64QAM	656000	3840	47.4325	49.175
64QAM	663666	3954.99	47.5089	49.269
256QAM	648334	3725.01	47.4616	49.132
256QAM	656000	3840	47.4703	49.126
256QAM	663666	3954.99	47.4863	49.145

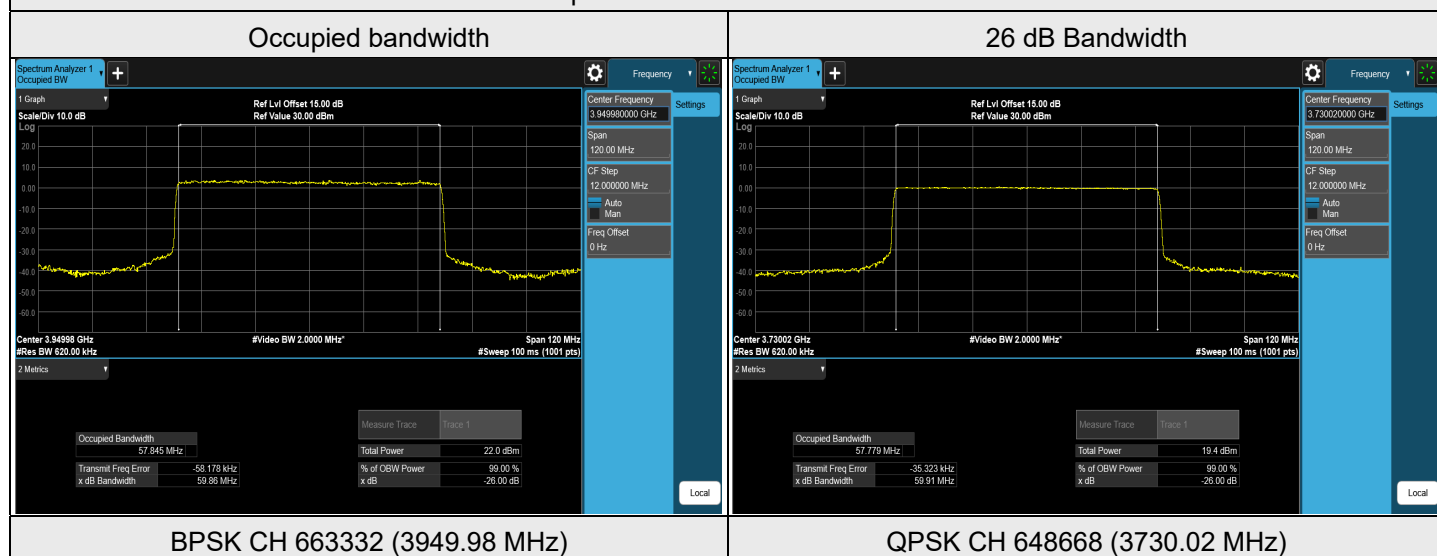
Spectrum Plot of Worst Value



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

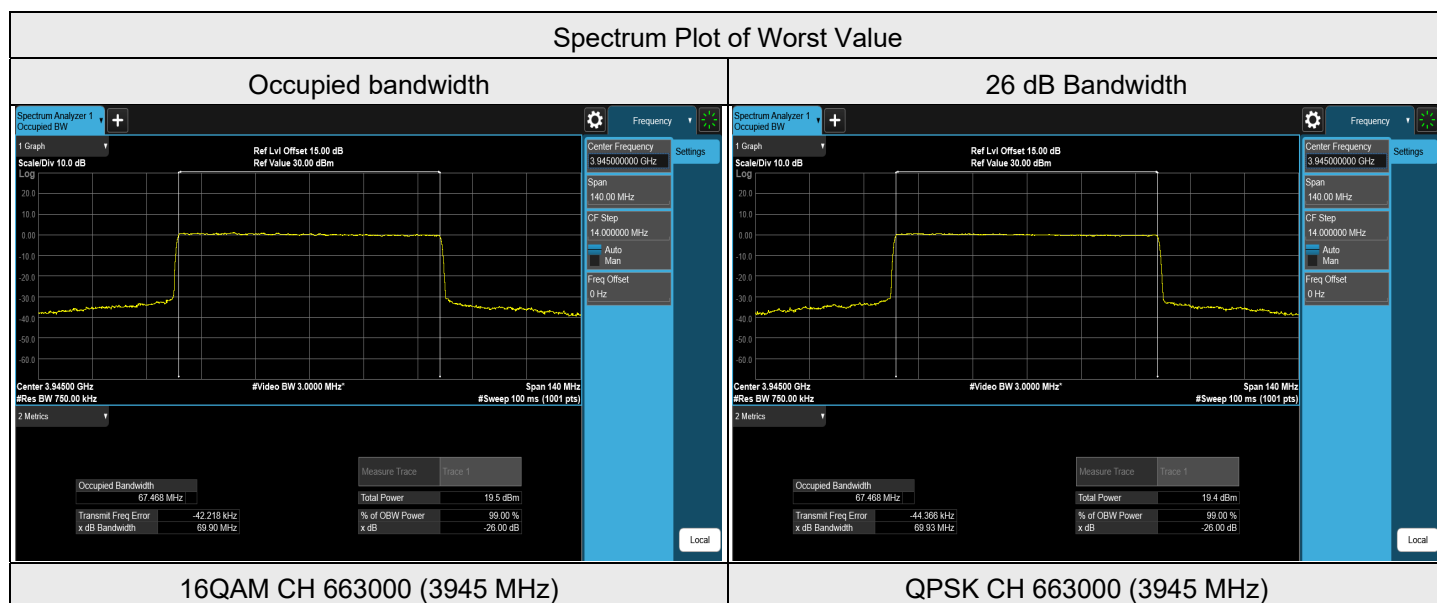
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	648668	3730.02	57.7675	59.861
BPSK	656000	3840	57.8002	59.845
BPSK	663332	3949.98	57.8449	59.863
QPSK	648668	3730.02	57.7788	59.911
QPSK	656000	3840	57.7732	59.870
QPSK	663332	3949.98	57.8053	59.902
16QAM	648668	3730.02	57.8187	59.897
16QAM	656000	3840	57.8080	59.889
16QAM	663332	3949.98	57.8269	59.834
64QAM	648668	3730.02	57.7534	59.889
64QAM	656000	3840	57.7539	59.860
64QAM	663332	3949.98	57.8024	59.843
256QAM	648668	3730.02	57.8079	59.876
256QAM	656000	3840	57.7931	59.827
256QAM	663332	3949.98	57.8417	59.812

Spectrum Plot of Worst Value



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

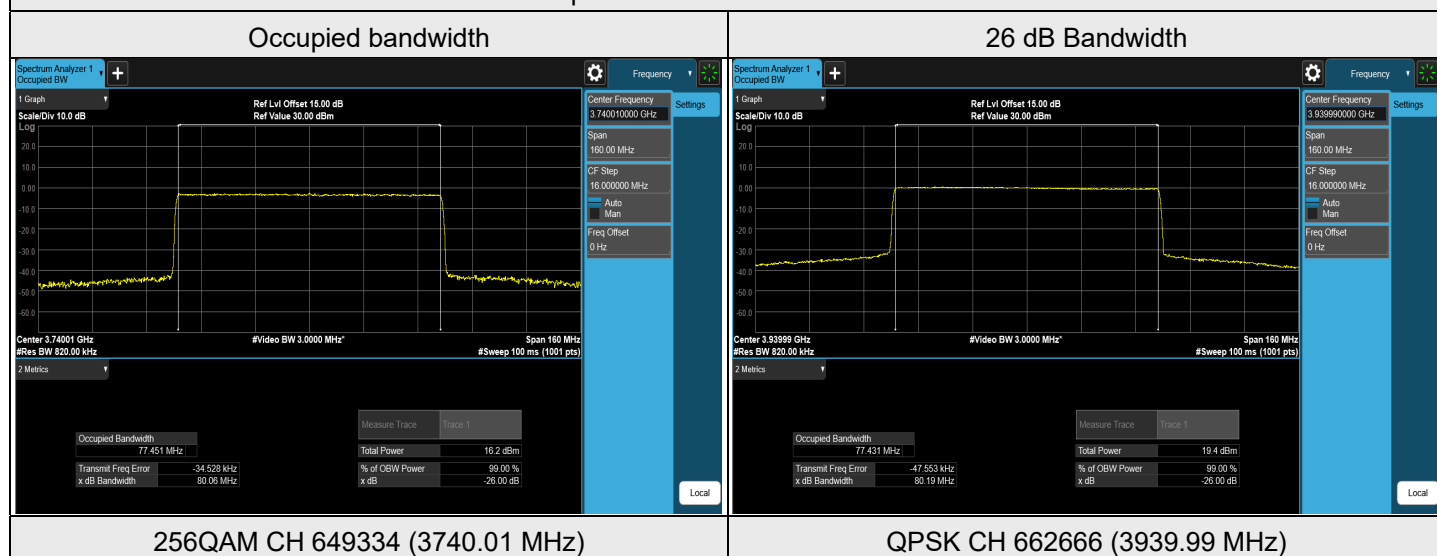
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	649000	3735	64.2370	66.579
BPSK	656000	3840	64.2194	66.574
BPSK	663000	3945	64.2930	66.599
QPSK	649000	3735	67.4367	69.873
QPSK	656000	3840	67.4238	69.925
QPSK	663000	3945	67.4680	69.928
16QAM	649000	3735	67.4541	69.858
16QAM	656000	3840	67.4408	69.889
16QAM	663000	3945	67.4684	69.899
64QAM	649000	3735	67.4061	69.847
64QAM	656000	3840	67.3824	69.869
64QAM	663000	3945	67.4020	69.882
256QAM	649000	3735	67.4501	69.865
256QAM	656000	3840	67.4519	69.869
256QAM	663000	3945	67.4424	69.835



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	649334	3740.01	77.0642	79.744
BPSK	656000	3840	77.0471	79.719
BPSK	662666	3939.99	77.0629	79.754
QPSK	649334	3740.01	77.4314	80.169
QPSK	656000	3840	77.4265	80.159
QPSK	662666	3939.99	77.4306	80.194
16QAM	649334	3740.01	77.4311	80.165
16QAM	656000	3840	77.4341	80.180
16QAM	662666	3939.99	77.4404	80.173
64QAM	649334	3740.01	77.3712	80.114
64QAM	656000	3840	77.3716	80.104
64QAM	662666	3939.99	77.3756	80.118
256QAM	649334	3740.01	77.4514	80.059
256QAM	656000	3840	77.4189	80.153
256QAM	662666	3939.99	77.4064	80.081

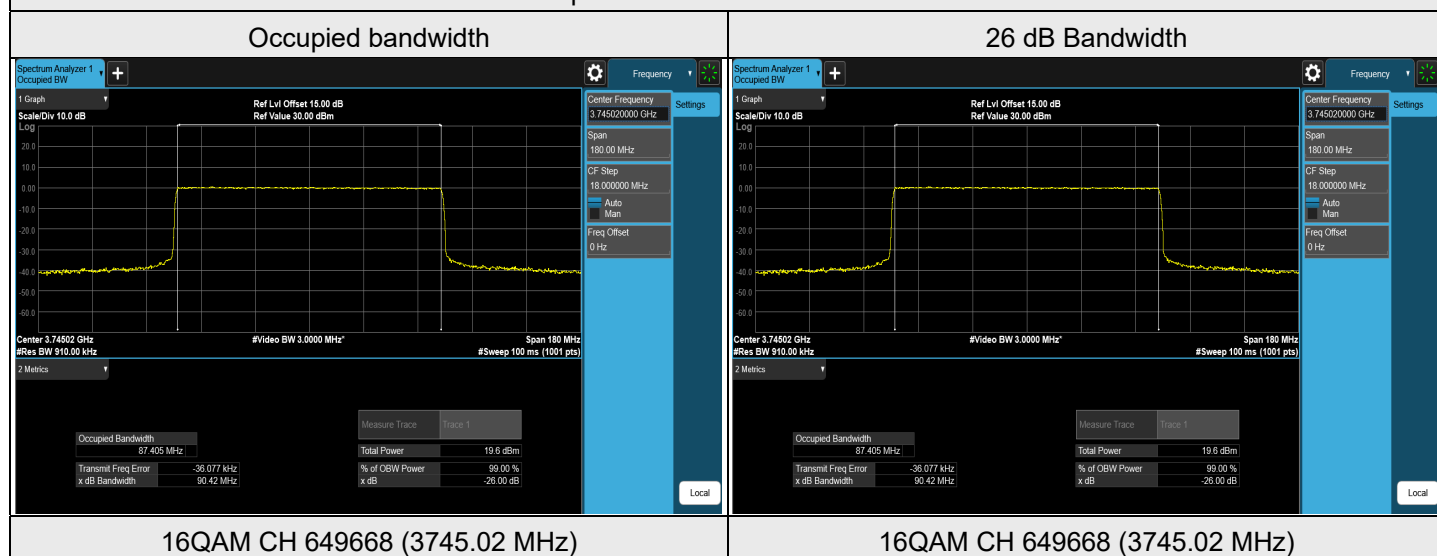
Spectrum Plot of Worst Value



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	649668	3745.02	86.7183	89.605
BPSK	656000	3840	86.6722	89.671
BPSK	662332	3934.98	86.6643	89.626
QPSK	649668	3745.02	87.3826	90.373
QPSK	656000	3840	87.3918	90.352
QPSK	662332	3934.98	87.3520	90.385
16QAM	649668	3745.02	87.4050	90.420
16QAM	656000	3840	87.3928	90.388
16QAM	662332	3934.98	87.3631	90.393
64QAM	649668	3745.02	87.3598	90.387
64QAM	656000	3840	87.3745	90.407
64QAM	662332	3934.98	87.3625	90.360
256QAM	649668	3745.02	87.3299	90.353
256QAM	656000	3840	87.3442	90.398
256QAM	662332	3934.98	87.3004	90.372

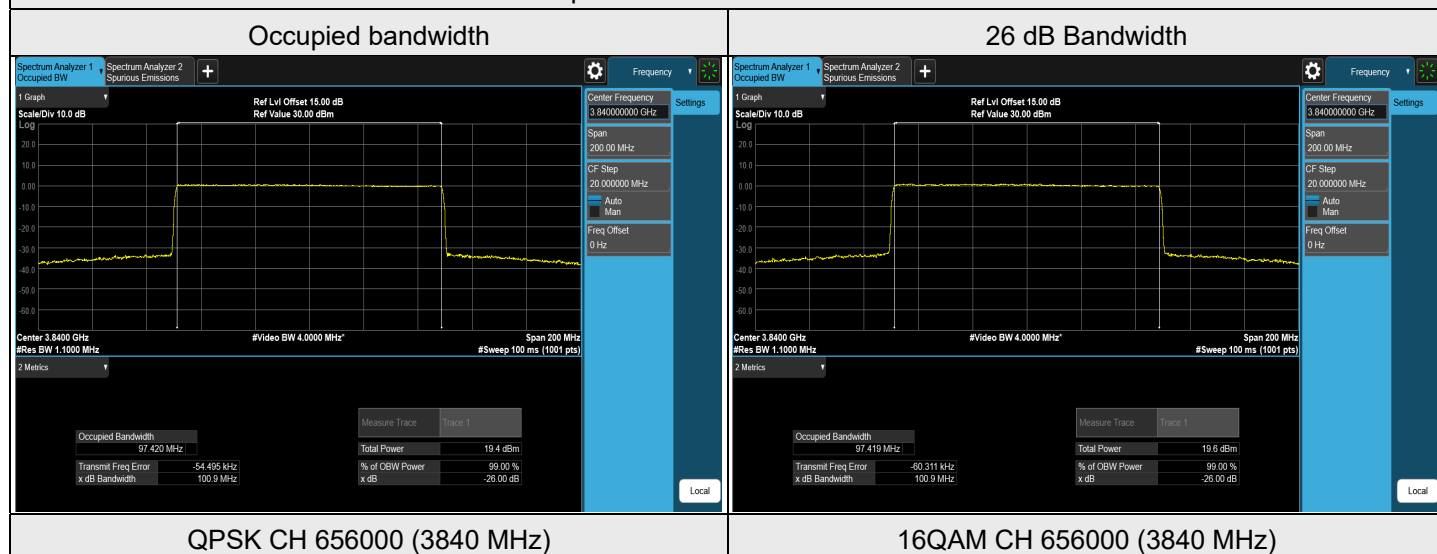
Spectrum Plot of Worst Value



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	650000	3750	96.3477	99.844
BPSK	656000	3840	96.3281	99.819
BPSK	662000	3930	96.3710	99.767
QPSK	650000	3750	97.3869	100.880
QPSK	656000	3840	97.4204	100.870
QPSK	662000	3930	97.3856	100.874
16QAM	650000	3750	97.3924	100.866
16QAM	656000	3840	97.4192	100.892
16QAM	662000	3930	97.3617	100.888
64QAM	650000	3750	97.3355	100.845
64QAM	656000	3840	97.3692	100.863
64QAM	662000	3930	97.3133	100.836
256QAM	650000	3750	97.3627	100.864
256QAM	656000	3840	97.4116	100.829
256QAM	662000	3930	97.3534	100.825

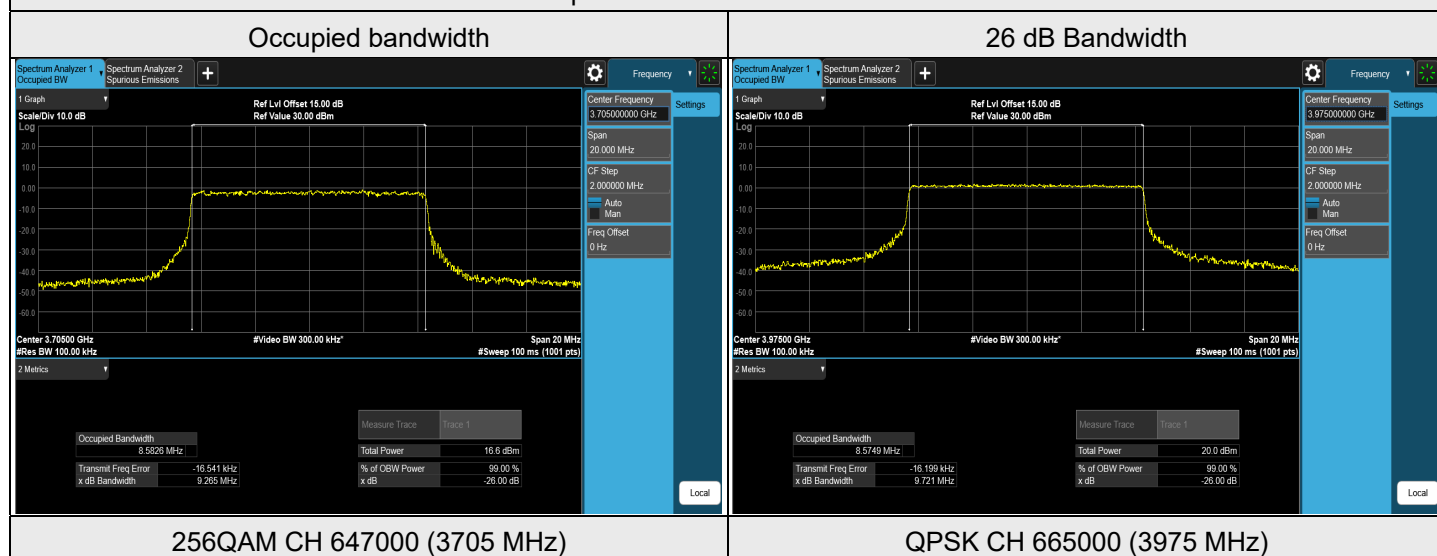
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	647000	3705	8.5653	9.254
BPSK	656000	3840	8.5776	9.319
BPSK	665000	3975	8.5735	9.359
QPSK	647000	3705	8.5792	9.568
QPSK	656000	3840	8.5763	9.520
QPSK	665000	3975	8.5749	9.721
16QAM	647000	3705	8.5659	9.403
16QAM	656000	3840	8.5661	9.516
16QAM	665000	3975	8.5775	9.562
64QAM	647000	3705	8.5667	9.339
64QAM	656000	3840	8.5801	9.408
64QAM	665000	3975	8.5676	9.467
256QAM	647000	3705	8.5826	9.265
256QAM	656000	3840	8.5736	9.350
256QAM	665000	3975	8.5748	9.366

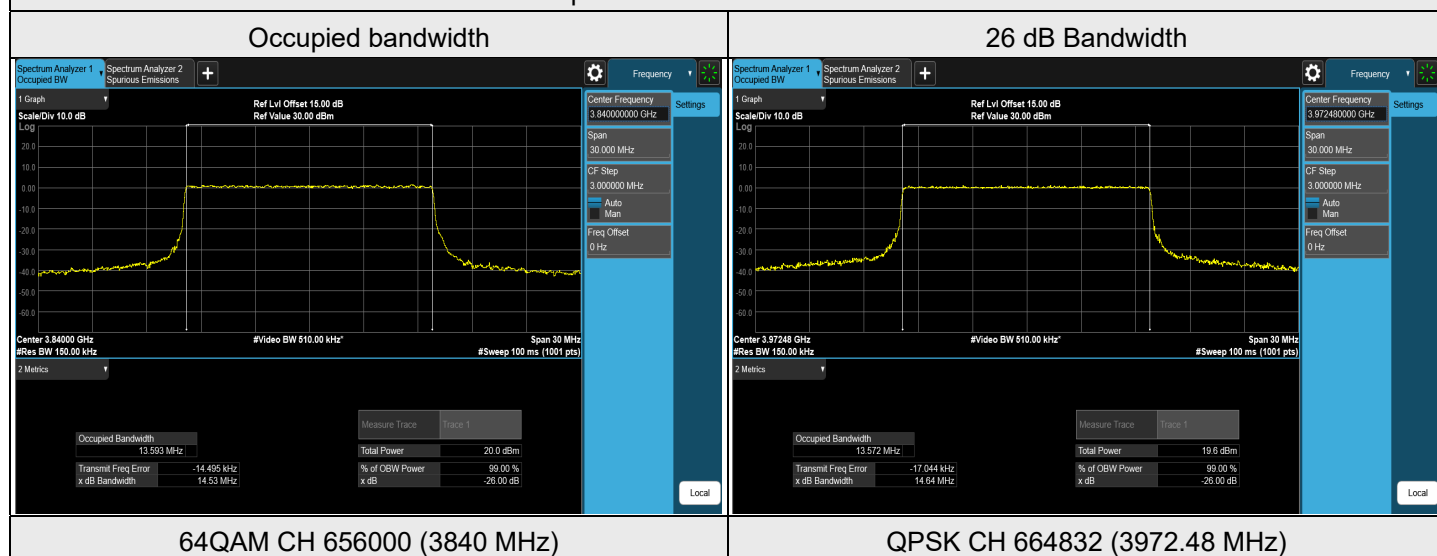
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	647168	3707.52	12.8474	13.589
BPSK	656000	3840	12.8624	13.697
BPSK	664832	3972.48	12.8498	13.611
QPSK	647168	3707.52	13.5671	14.582
QPSK	656000	3840	13.5704	14.519
QPSK	664832	3972.48	13.5720	14.637
16QAM	647168	3707.52	13.5558	14.531
16QAM	656000	3840	13.5620	14.590
16QAM	664832	3972.48	13.5749	14.577
64QAM	647168	3707.52	13.5796	14.457
64QAM	656000	3840	13.5925	14.529
64QAM	664832	3972.48	13.5684	14.344
256QAM	647168	3707.52	13.5570	14.287
256QAM	656000	3840	13.5458	14.559
256QAM	664832	3972.48	13.5496	14.386

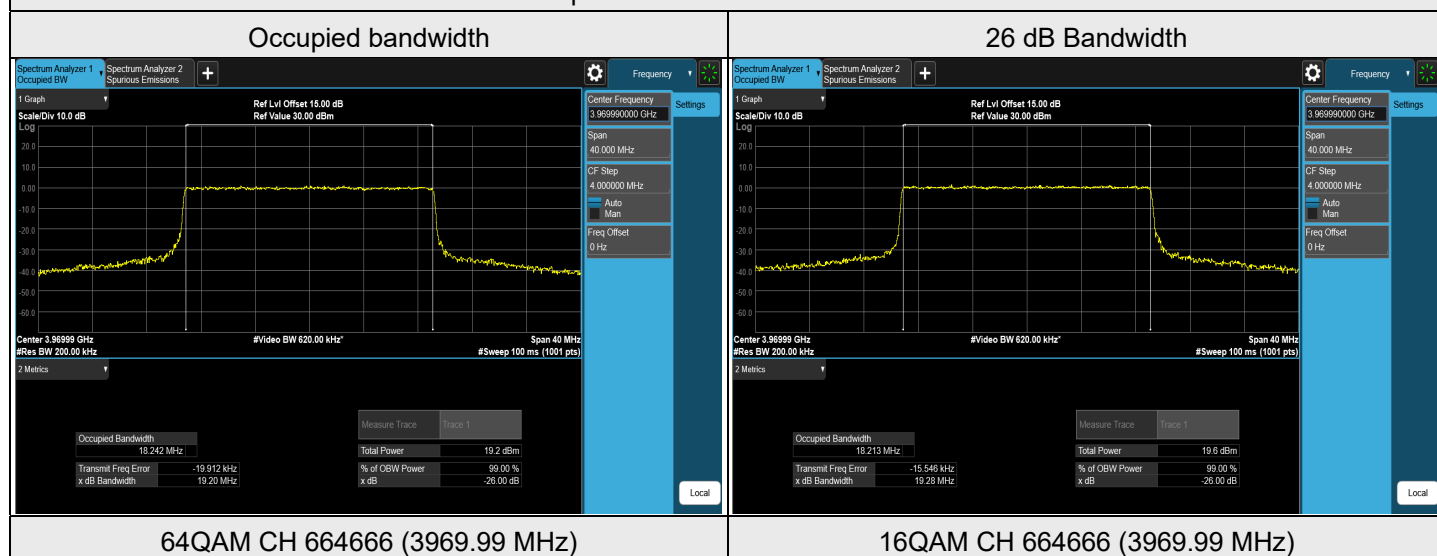
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	647334	3710.01	17.8506	18.695
BPSK	656000	3840	17.8368	18.688
BPSK	664666	3969.99	17.8367	18.642
QPSK	647334	3710.01	18.2021	19.017
QPSK	656000	3840	18.2006	19.179
QPSK	664666	3969.99	18.2055	19.203
16QAM	647334	3710.01	18.2053	19.156
16QAM	656000	3840	18.2143	19.173
16QAM	664666	3969.99	18.2134	19.285
64QAM	647334	3710.01	18.2344	19.265
64QAM	656000	3840	18.2415	19.224
64QAM	664666	3969.99	18.2417	19.203
256QAM	647334	3710.01	18.2183	19.112
256QAM	656000	3840	18.2257	19.057
256QAM	664666	3969.99	18.2167	19.063

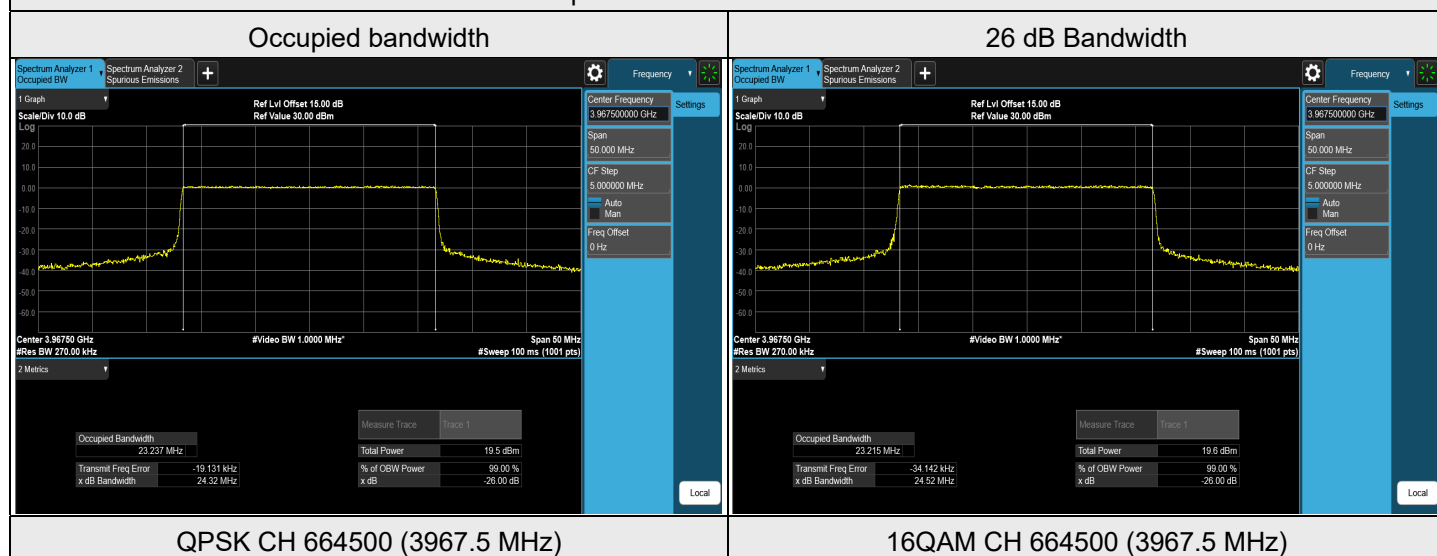
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 25 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	647500	3712.5	22.8565	23.780
BPSK	656000	3840	22.8498	23.770
BPSK	664500	3967.5	22.8501	23.825
QPSK	647500	3712.5	23.2190	24.427
QPSK	656000	3840	23.2276	24.338
QPSK	664500	3967.5	23.2374	24.322
16QAM	647500	3712.5	23.1897	24.241
16QAM	656000	3840	23.1880	24.286
16QAM	664500	3967.5	23.2150	24.517
64QAM	647500	3712.5	23.1863	24.206
64QAM	656000	3840	23.1713	24.164
64QAM	664500	3967.5	23.1859	24.294
256QAM	647500	3712.5	23.2103	24.463
256QAM	656000	3840	23.2201	24.283
256QAM	664500	3967.5	23.2261	24.228

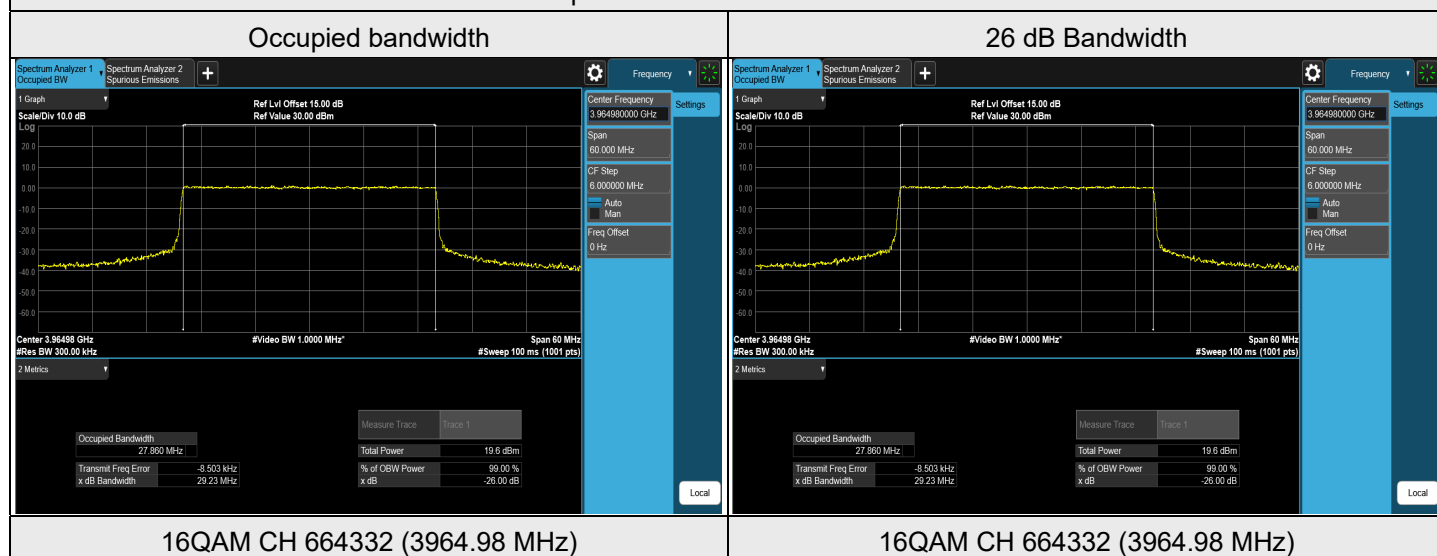
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	647668	3715.02	26.7723	27.908
BPSK	656000	3840	26.7764	27.861
BPSK	664332	3964.98	26.7692	27.883
QPSK	647668	3715.02	27.8386	29.012
QPSK	656000	3840	27.8350	29.012
QPSK	664332	3964.98	27.8490	29.139
16QAM	647668	3715.02	27.8483	29.112
16QAM	656000	3840	27.8511	29.089
16QAM	664332	3964.98	27.8601	29.231
64QAM	647668	3715.02	27.8304	28.989
64QAM	656000	3840	27.8446	28.943
64QAM	664332	3964.98	27.8496	28.934
256QAM	647668	3715.02	27.8380	29.015
256QAM	656000	3840	27.8341	28.987
256QAM	664332	3964.98	27.8454	29.090

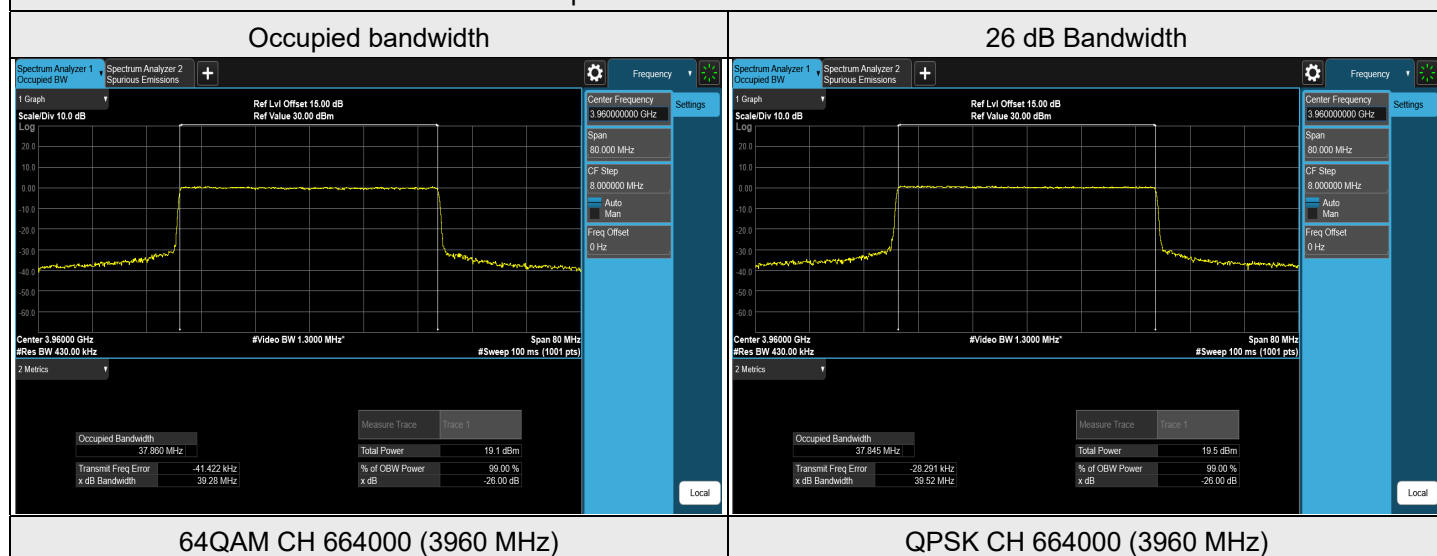
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	648000	3720	35.7190	37.110
BPSK	656000	3840	35.7048	37.151
BPSK	664000	3960	35.7492	37.076
QPSK	648000	3720	37.8368	39.384
QPSK	656000	3840	37.8208	39.304
QPSK	664000	3960	37.8448	39.525
16QAM	648000	3720	37.8246	39.296
16QAM	656000	3840	37.8356	39.287
16QAM	664000	3960	37.8501	39.293
64QAM	648000	3720	37.8338	39.348
64QAM	656000	3840	37.8428	39.272
64QAM	664000	3960	37.8604	39.282
256QAM	648000	3720	37.8398	39.247
256QAM	656000	3840	37.8509	39.205
256QAM	664000	3960	37.8416	39.267

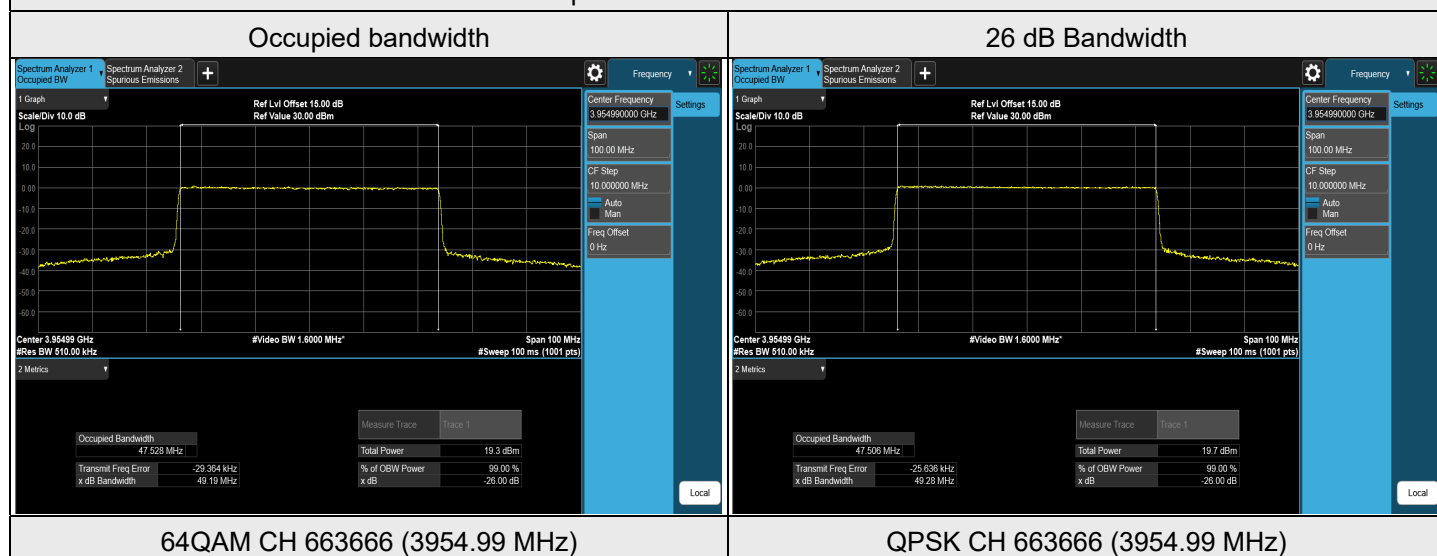
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 50 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	648334	3725.01	45.7191	47.359
BPSK	656000	3840	45.7266	47.384
BPSK	663666	3954.99	45.7331	47.384
QPSK	648334	3725.01	47.4539	49.202
QPSK	656000	3840	47.4599	49.222
QPSK	663666	3954.99	47.5057	49.277
16QAM	648334	3725.01	47.4403	49.190
16QAM	656000	3840	47.4454	49.198
16QAM	663666	3954.99	47.4728	49.251
64QAM	648334	3725.01	47.4873	49.164
64QAM	656000	3840	47.4727	49.213
64QAM	663666	3954.99	47.5277	49.193
256QAM	648334	3725.01	47.4783	49.114
256QAM	656000	3840	47.4731	49.139
256QAM	663666	3954.99	47.4657	49.145

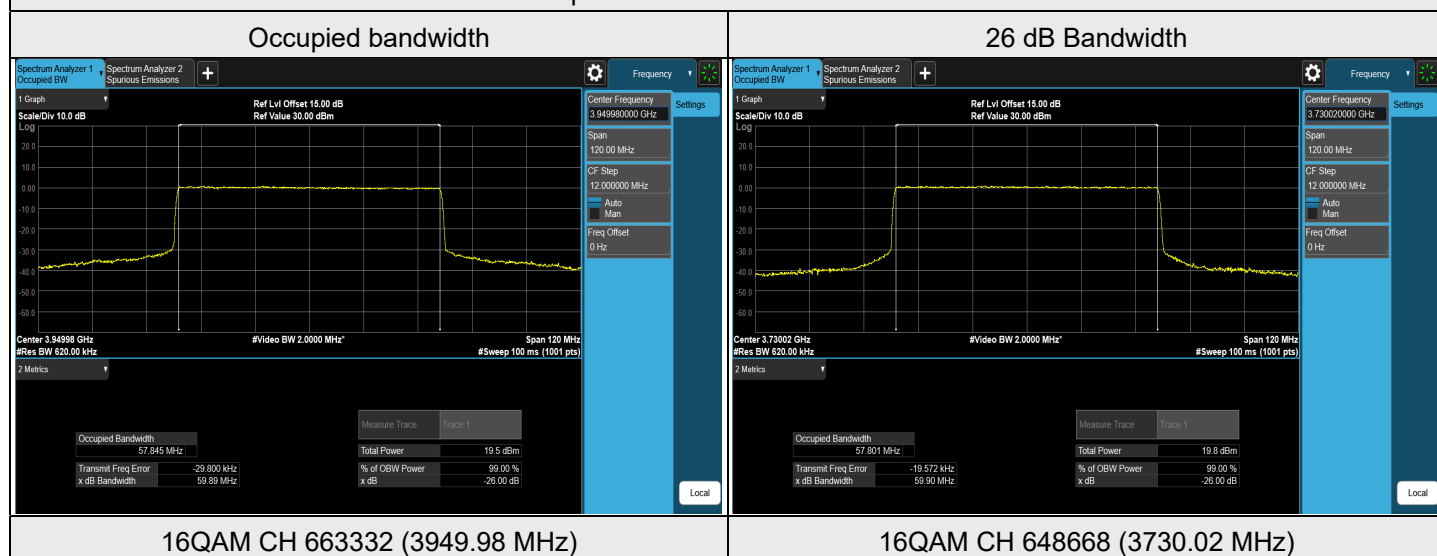
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 60 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	648668	3730.02	57.7915	59.800
BPSK	656000	3840	57.7870	59.879
BPSK	663332	3949.98	57.7922	59.840
QPSK	648668	3730.02	57.7892	59.871
QPSK	656000	3840	57.7865	59.836
QPSK	663332	3949.98	57.8055	59.857
16QAM	648668	3730.02	57.8010	59.901
16QAM	656000	3840	57.7944	59.895
16QAM	663332	3949.98	57.8446	59.892
64QAM	648668	3730.02	57.7781	59.896
64QAM	656000	3840	57.7665	59.837
64QAM	663332	3949.98	57.8086	59.870
256QAM	648668	3730.02	57.8214	59.797
256QAM	656000	3840	57.8046	59.833
256QAM	663332	3949.98	57.8311	59.826

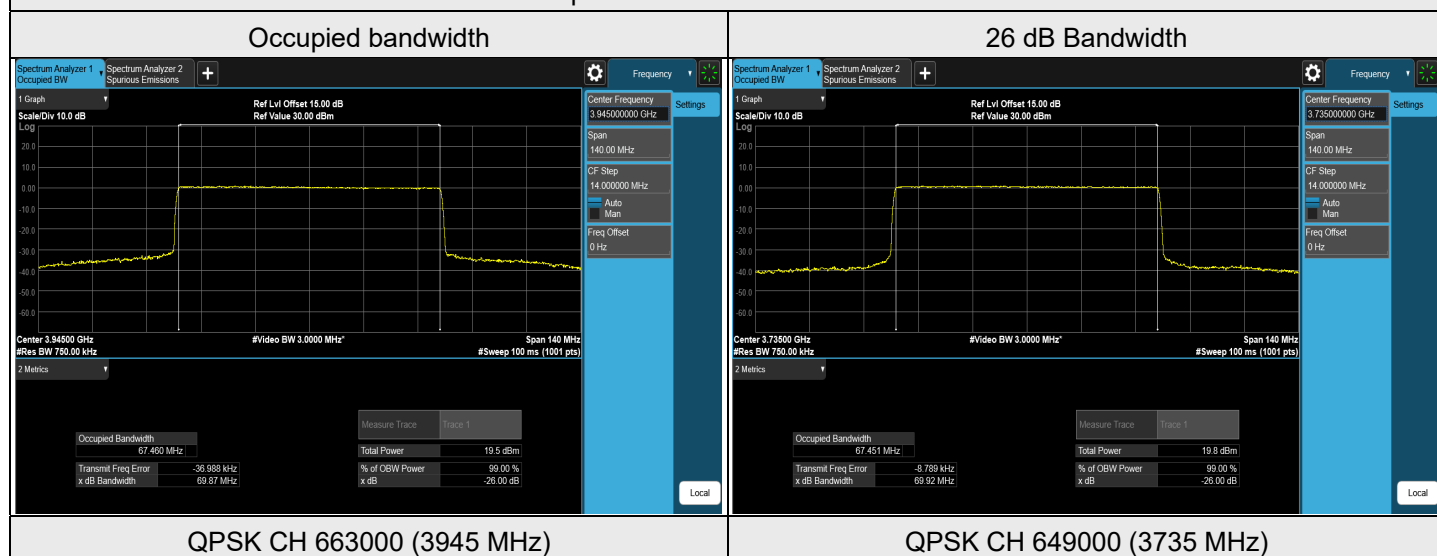
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 70 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	649000	3735	64.2121	66.588
BPSK	656000	3840	64.2589	66.610
BPSK	663000	3945	64.2533	66.621
QPSK	649000	3735	67.4513	69.922
QPSK	656000	3840	67.4238	69.889
QPSK	663000	3945	67.4602	69.866
16QAM	649000	3735	67.4540	69.859
16QAM	656000	3840	67.4468	69.856
16QAM	663000	3945	67.4531	69.881
64QAM	649000	3735	67.4074	69.888
64QAM	656000	3840	67.3948	69.878
64QAM	663000	3945	67.3969	69.911
256QAM	649000	3735	67.4330	69.876
256QAM	656000	3840	67.4481	69.844
256QAM	663000	3945	67.4099	69.839

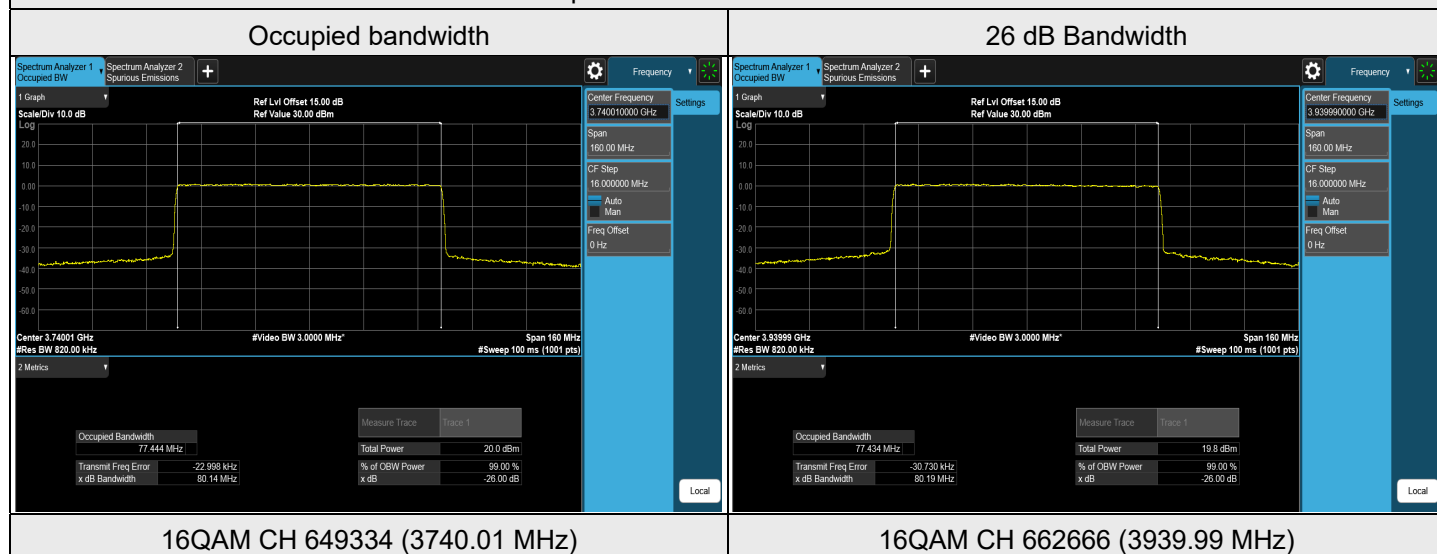
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	649334	3740.01	77.0674	79.729
BPSK	656000	3840	77.0324	79.735
BPSK	662666	3939.99	77.0399	79.730
QPSK	649334	3740.01	77.4282	80.183
QPSK	656000	3840	77.4264	80.155
QPSK	662666	3939.99	77.4132	80.189
16QAM	649334	3740.01	77.4439	80.143
16QAM	656000	3840	77.4425	80.166
16QAM	662666	3939.99	77.4340	80.192
64QAM	649334	3740.01	77.3695	80.145
64QAM	656000	3840	77.3882	80.093
64QAM	662666	3939.99	77.3829	80.165
256QAM	649334	3740.01	77.3545	80.040
256QAM	656000	3840	77.4275	80.111
256QAM	662666	3939.99	77.3935	80.107

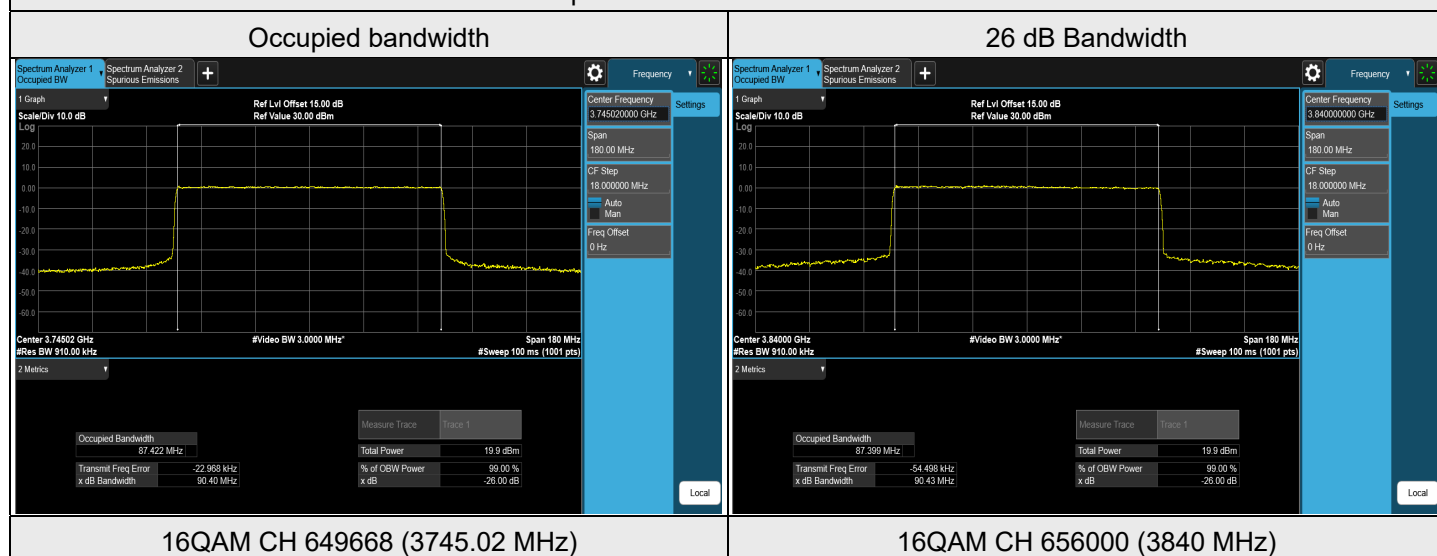
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 90 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	649668	3745.02	86.7057	89.658
BPSK	656000	3840	86.6838	89.617
BPSK	662332	3934.98	86.6512	89.612
QPSK	649668	3745.02	87.3684	90.375
QPSK	656000	3840	87.3956	90.396
QPSK	662332	3934.98	87.3899	90.383
16QAM	649668	3745.02	87.4221	90.400
16QAM	656000	3840	87.3992	90.425
16QAM	662332	3934.98	87.3772	90.397
64QAM	649668	3745.02	87.3478	90.372
64QAM	656000	3840	87.3735	90.406
64QAM	662332	3934.98	87.3727	90.369
256QAM	649668	3745.02	87.3354	90.338
256QAM	656000	3840	87.3664	90.380
256QAM	662332	3934.98	87.3158	90.370

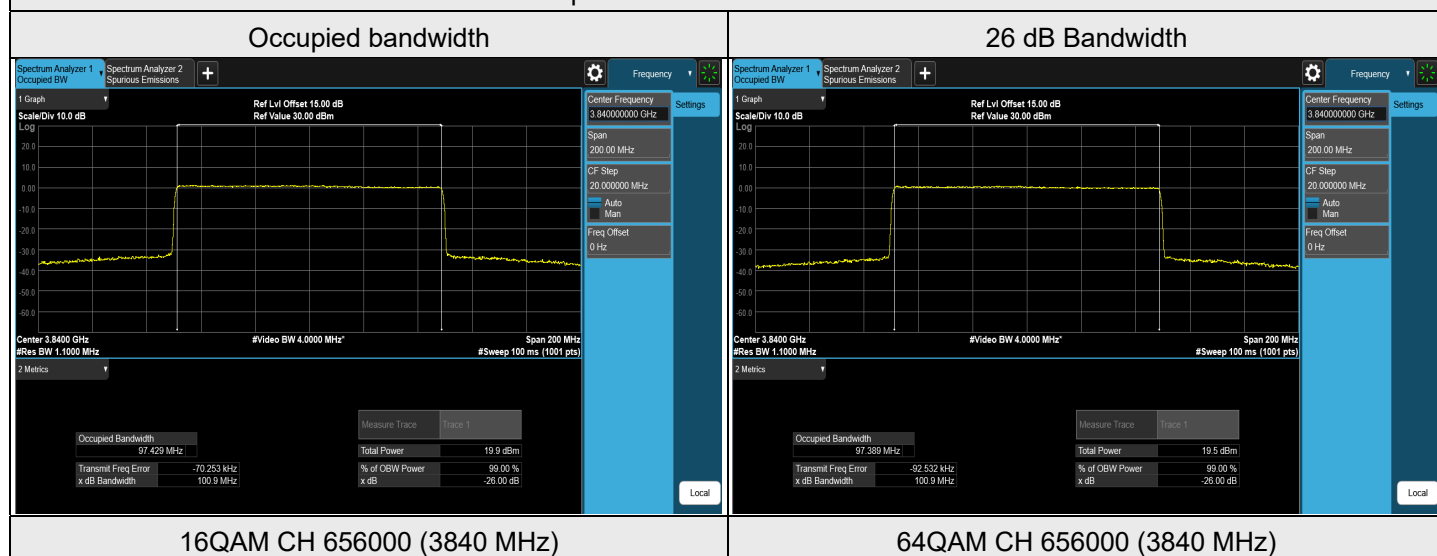
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 100 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	650000	3750	96.3369	99.831
BPSK	656000	3840	96.3657	99.864
BPSK	662000	3930	96.3073	99.796
QPSK	650000	3750	97.4047	100.890
QPSK	656000	3840	97.4255	100.885
QPSK	662000	3930	97.3718	100.910
16QAM	650000	3750	97.3840	100.834
16QAM	656000	3840	97.4290	100.876
16QAM	662000	3930	97.3591	100.911
64QAM	650000	3750	97.3532	100.855
64QAM	656000	3840	97.3892	100.915
64QAM	662000	3930	97.3251	100.863
256QAM	650000	3750	97.3859	100.841
256QAM	656000	3840	97.4218	100.906
256QAM	662000	3930	97.3354	100.880

Spectrum Plot of Worst Value



7.4.10 ENDC Mode

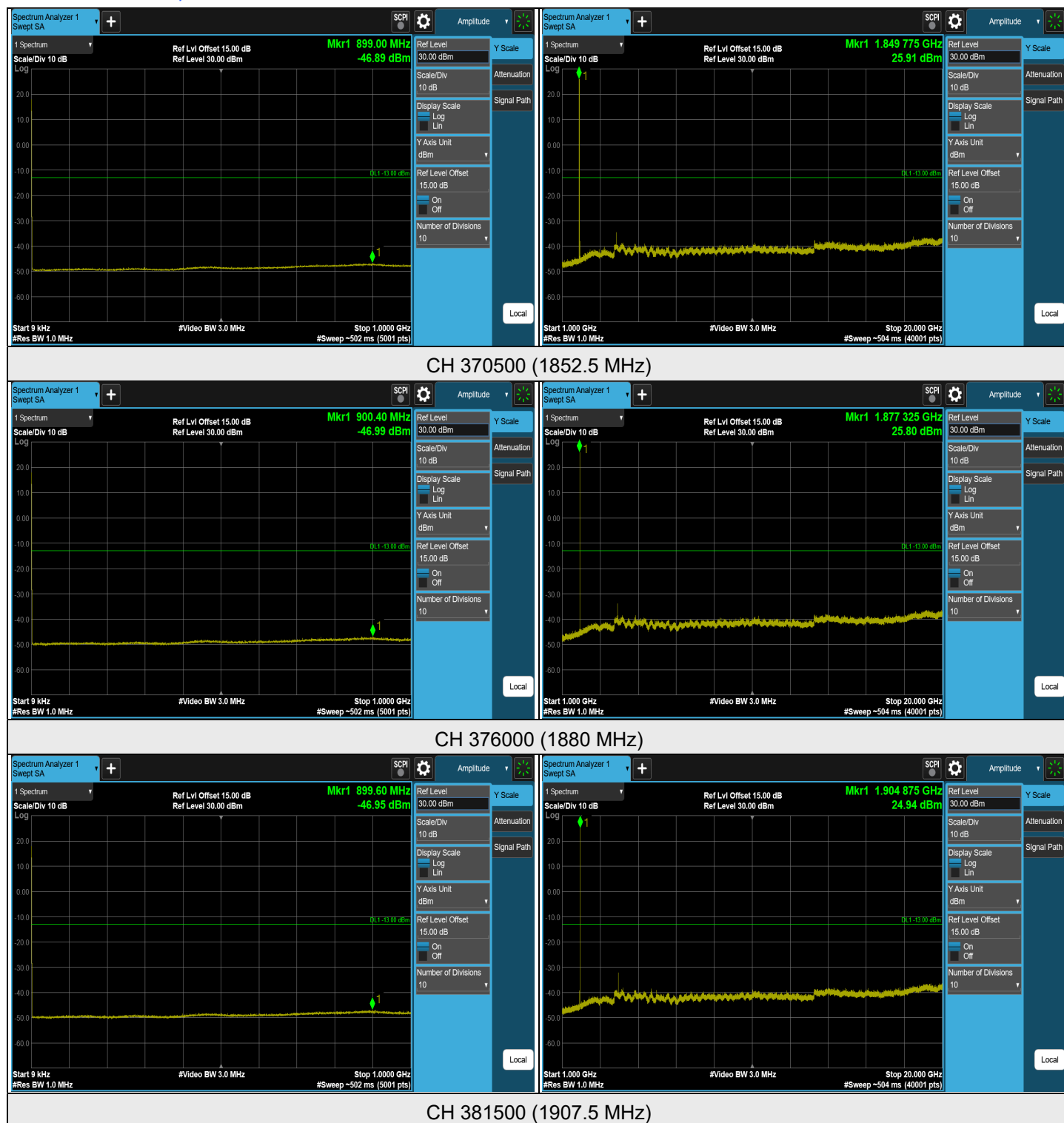
Combination	PCC							SCC							Total OBW (MHz)	Emission Designator	Total 26dB Bandwidth (MHz)
	Band	BW (MHz)	Modulation	UL Channel	UL Frequency (MHz)	OBW (MHz)	26dB (MHz)	Band	BW (MHz)	Modulation	UL Channel	UL Frequency (MHz)	OBW (MHz)	26dB (MHz)			
5G NR n2 + LTE B5	n2	40	QPSK	376000	1880	38.586	39.89	B5	10	QPSK	20525	836.5	8.8596	9.199	47.4456	47M4G7D	49.089
5G NR n5 + LTE B2	n5	20	QPSK	167300	836.5	18.896	19.56	B2	20	QPSK	18900	1880	17.851	18.42	36.747	36M7G7D	37.98
5G NR n41 + LTE B2	n41	100	QPSK	509202	2546.01	97.611	101.3	B2	20	QPSK	18900	1880	17.884	18.42	115.495	115MG7D	119.72
5G NR 66 + LTE B2	n66	40	QPSK	349000	1745	38.607	39.9	B2	20	QPSK	18900	1880	17.903	18.45	56.51	56M5G7D	58.35
5G NR n71 + LTE B66	n71	20	QPSK	136100	680.5	18.964	19.57	B66	20	QPSK	132322	1745	17.831	18.42	36.795	36M8G7D	37.99
5G NR n77 + LTE B2	n77	100	QPSK	656000	3840	97.391	100.8	B2	20	QPSK	18900	1880	17.798	18.42	115.189	115MG7D	119.22

7.5 Conducted Spurious Emissions

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 68% RH	Tested By:	Noah Chang
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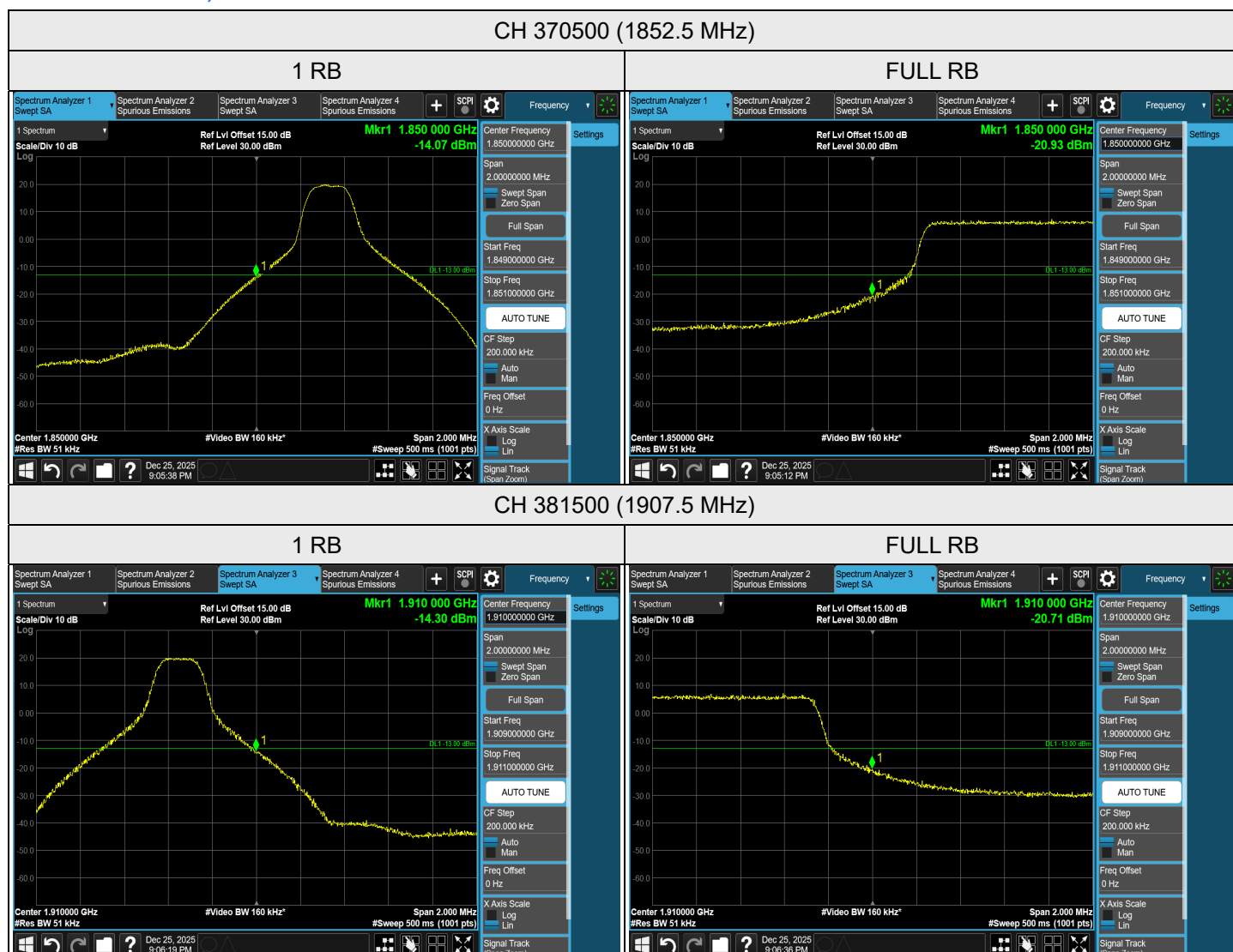
7.5.1 NR n2 SCS 15 kHz

NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz

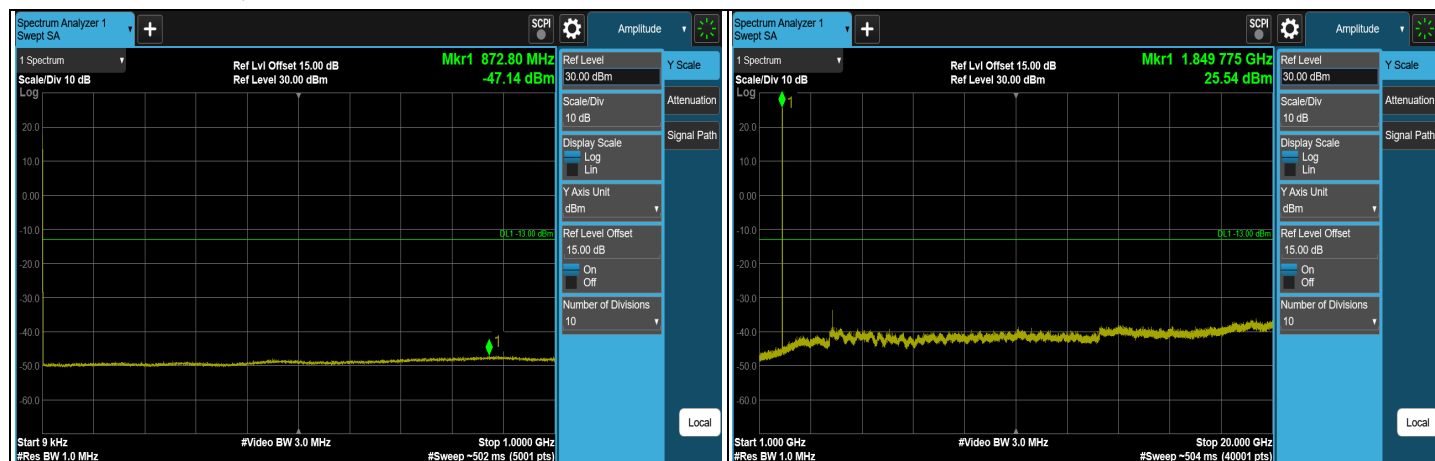


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

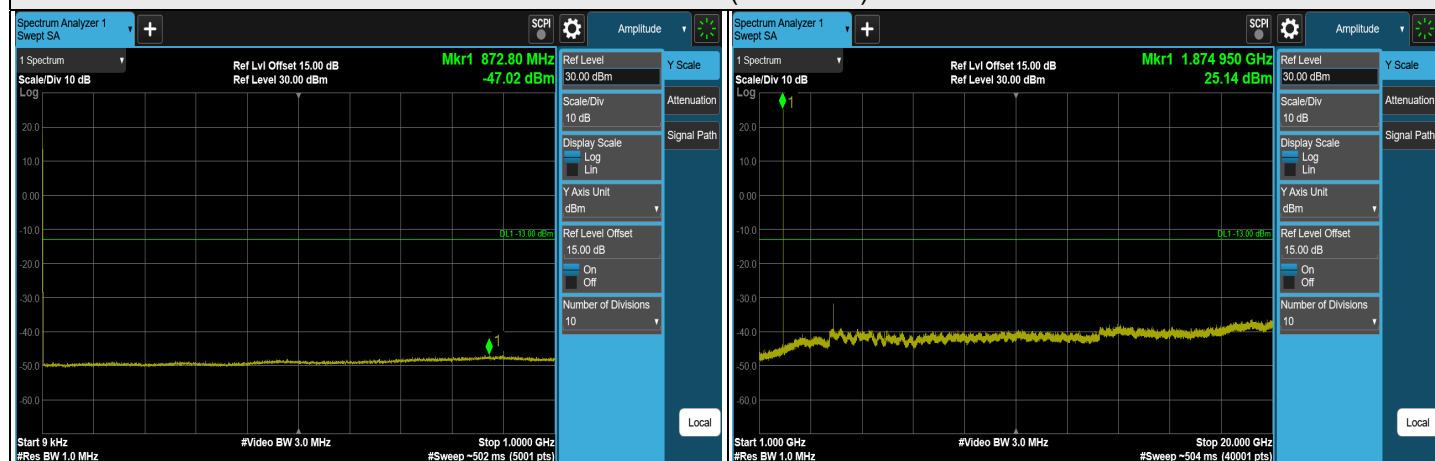
NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz



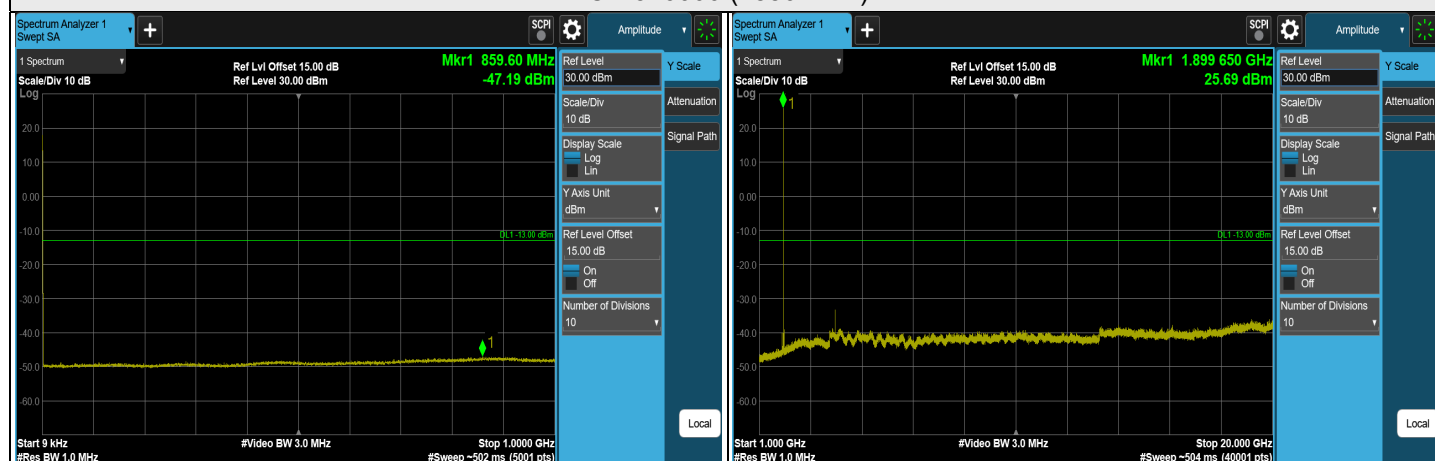
NR n2 SCS 15 kHz, Channel Bandwidth: 10 MHz



CH 371000 (1855 MHz)



CH 376000 (1880 MHz)



CH 381000 (1905 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

