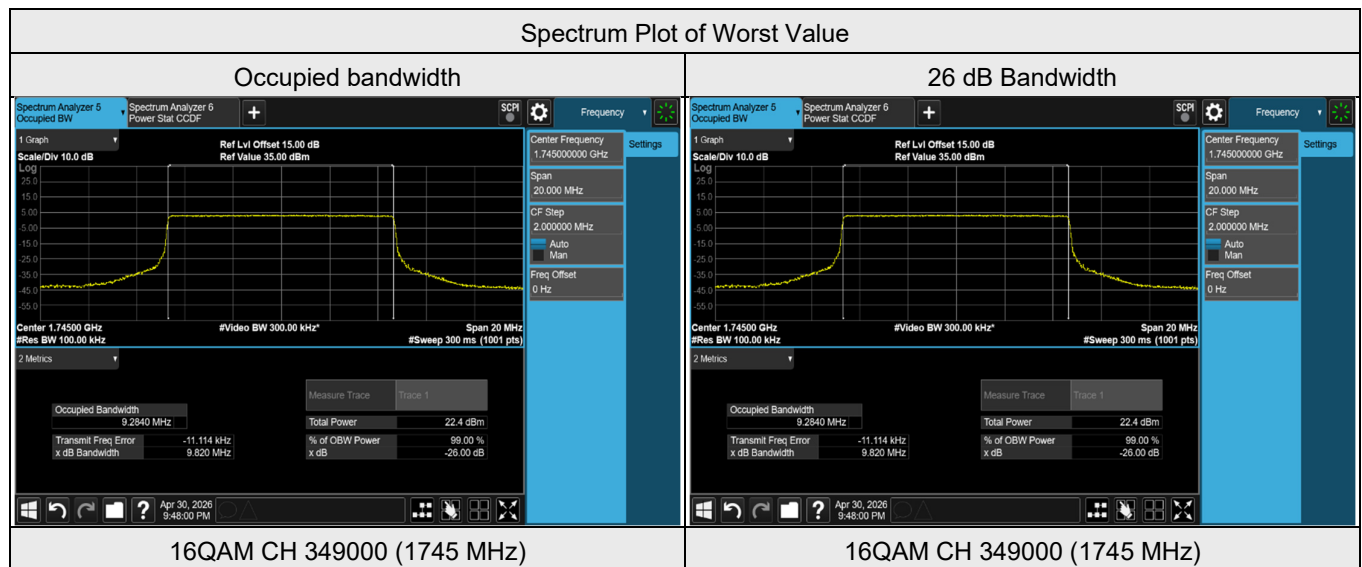


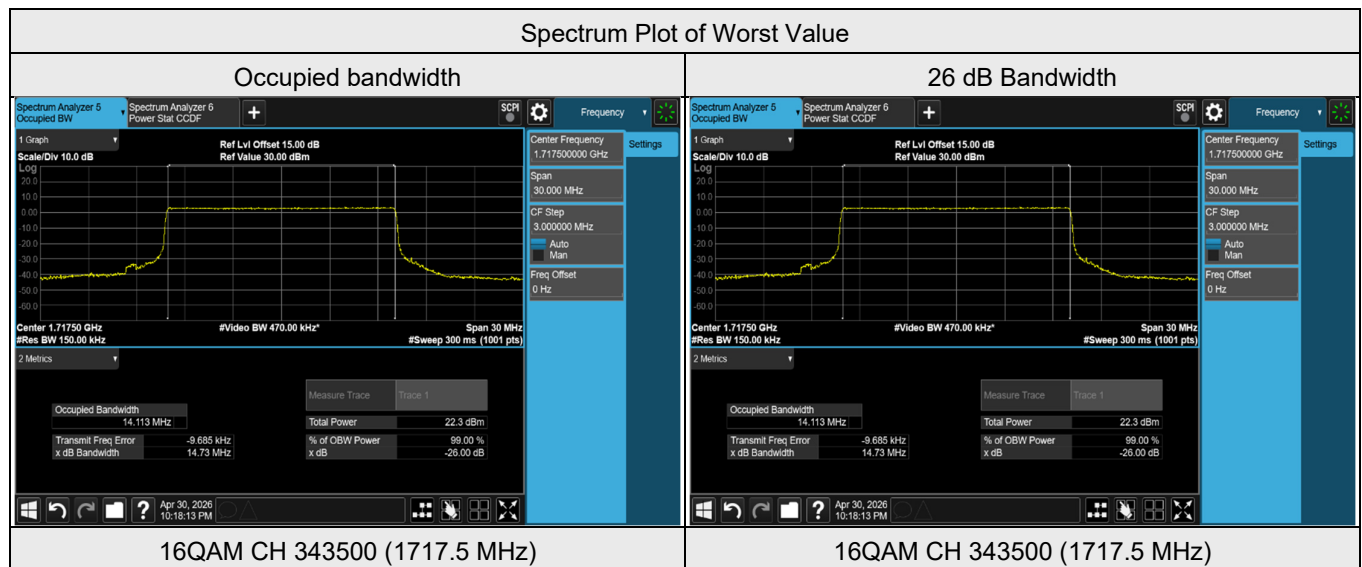
NR n66 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	343000	1715	8.9242	9.359
BPSK	349000	1745	8.9200	9.317
BPSK	355000	1775	8.9257	9.396
QPSK	343000	1715	9.2761	9.816
QPSK	349000	1745	9.2760	9.815
QPSK	355000	1775	9.2731	9.803
16QAM	343000	1715	9.2793	9.758
16QAM	349000	1745	9.2840	9.820
16QAM	355000	1775	9.2791	9.800
64QAM	343000	1715	9.2833	9.779
64QAM	349000	1745	9.2820	9.759
64QAM	355000	1775	9.2794	9.751
256QAM	343000	1715	9.2792	9.706
256QAM	349000	1745	9.2775	9.739
256QAM	355000	1775	9.2823	9.689



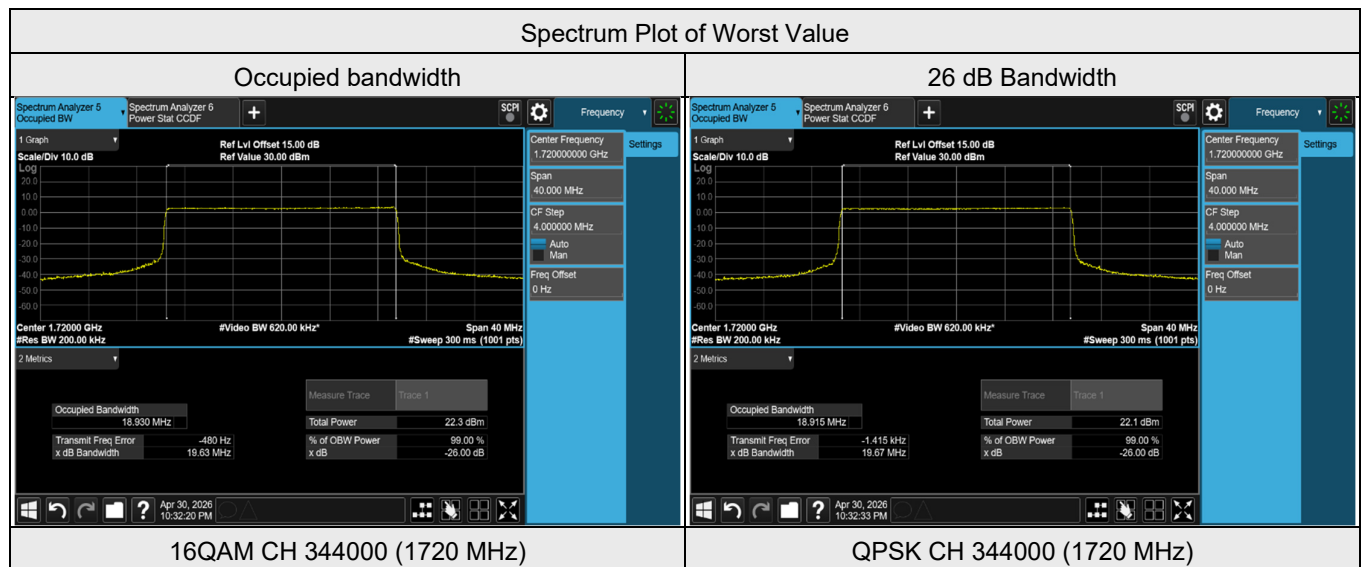
NR n66 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	343500	1717.5	13.400	13.94
BPSK	349000	1745	13.384	13.95
BPSK	354500	1772.5	13.393	13.94
QPSK	343500	1717.5	14.103	14.72
QPSK	349000	1745	14.101	14.72
QPSK	354500	1772.5	14.097	14.70
16QAM	343500	1717.5	14.113	14.73
16QAM	349000	1745	14.100	14.69
16QAM	354500	1772.5	14.112	14.68
64QAM	343500	1717.5	14.103	14.71
64QAM	349000	1745	14.095	14.67
64QAM	354500	1772.5	14.095	14.70
256QAM	343500	1717.5	14.100	14.67
256QAM	349000	1745	14.104	14.64
256QAM	354500	1772.5	14.100	14.66



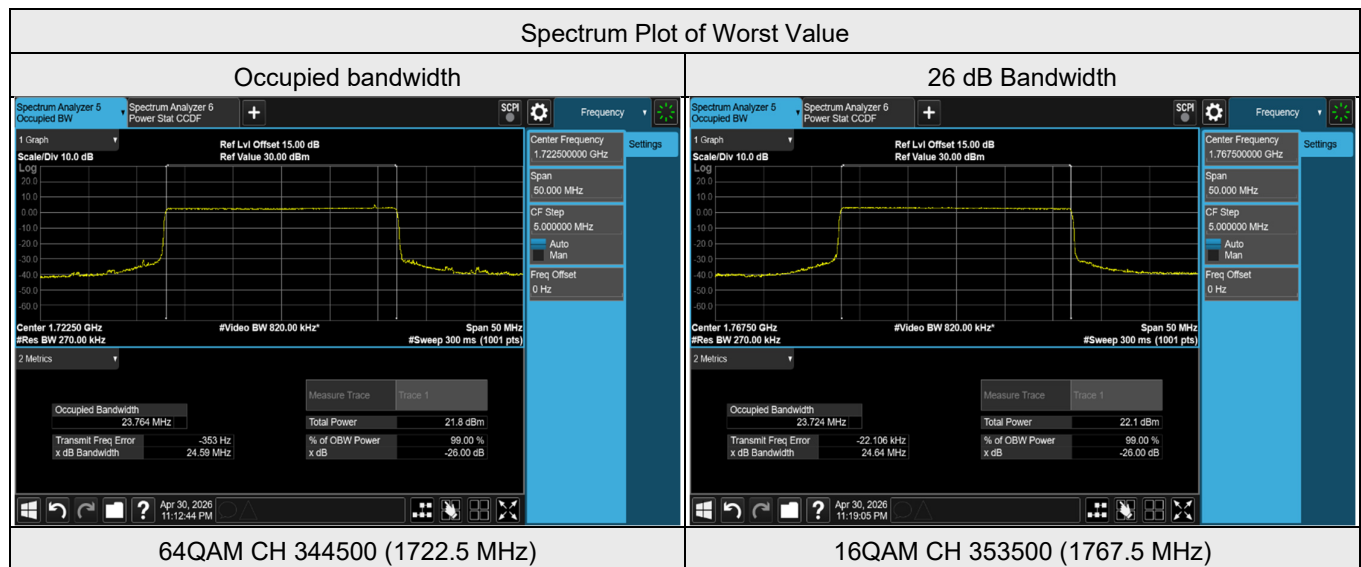
NR n66 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	344000	1720	17.858	18.53
BPSK	349000	1745	17.847	18.54
BPSK	354000	1770	17.848	18.54
QPSK	344000	1720	18.915	19.67
QPSK	349000	1745	18.904	19.65
QPSK	354000	1770	18.910	19.62
16QAM	344000	1720	18.930	19.63
16QAM	349000	1745	18.924	19.61
16QAM	354000	1770	18.894	19.60
64QAM	344000	1720	18.922	19.59
64QAM	349000	1745	18.926	19.66
64QAM	354000	1770	18.910	19.62
256QAM	344000	1720	18.925	19.62
256QAM	349000	1745	18.923	19.61
256QAM	354000	1770	18.917	19.60



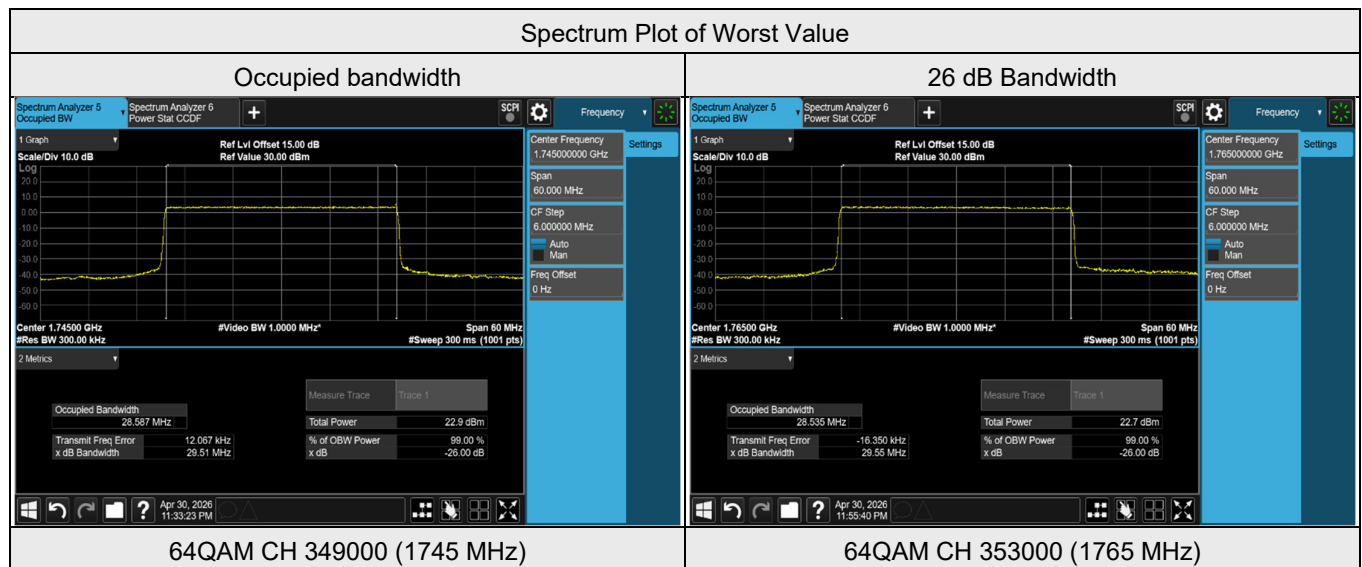
NR n66 SCS 15 kHz, Channel Bandwidth: 25 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	344500	1722.5	22.870	23.70
BPSK	349000	1745	22.843	23.70
BPSK	353500	1767.5	22.839	23.70
QPSK	344500	1722.5	23.751	24.58
QPSK	349000	1745	23.744	24.63
QPSK	353500	1767.5	23.735	24.63
16QAM	344500	1722.5	23.745	24.62
16QAM	349000	1745	23.745	24.60
16QAM	353500	1767.5	23.724	24.64
64QAM	344500	1722.5	23.764	24.59
64QAM	349000	1745	23.740	24.62
64QAM	353500	1767.5	23.743	24.63
256QAM	344500	1722.5	23.737	24.60
256QAM	349000	1745	23.739	24.61
256QAM	353500	1767.5	23.738	24.60



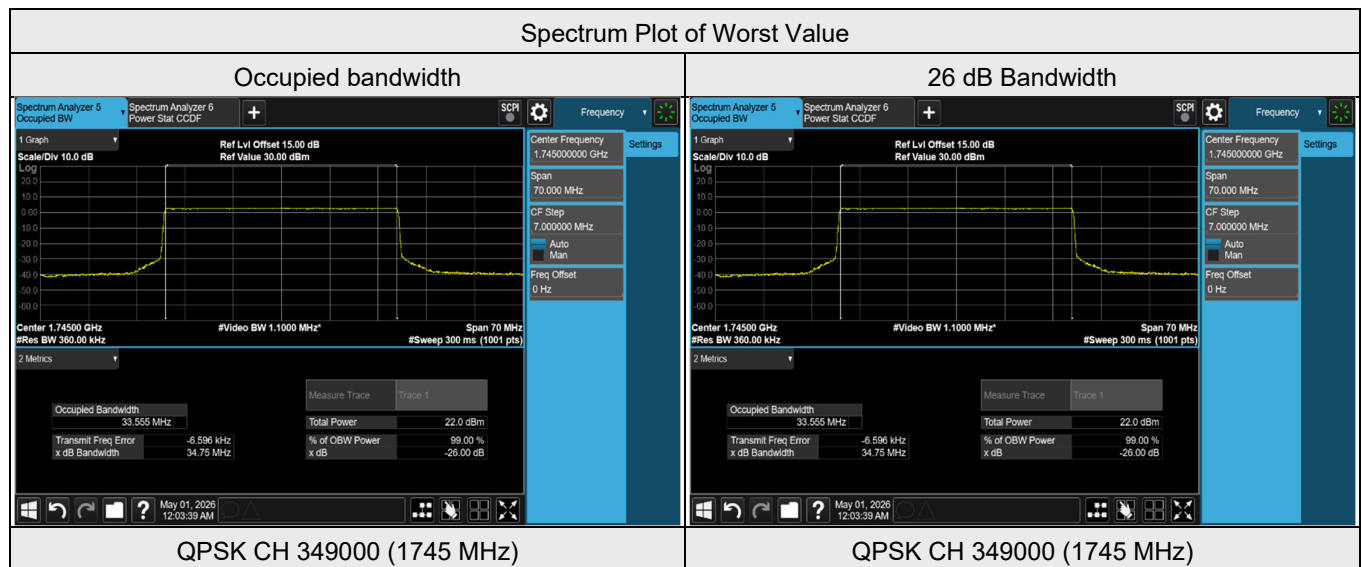
NR n66 SCS 15 kHz, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	345000	1725	28.565	29.53
BPSK	349000	1745	28.538	29.54
BPSK	353000	1765	28.539	29.53
QPSK	345000	1725	28.552	29.54
QPSK	349000	1745	28.545	29.53
QPSK	353000	1765	28.545	29.54
16QAM	345000	1725	28.550	29.53
16QAM	349000	1745	28.542	29.52
16QAM	353000	1765	28.546	29.54
64QAM	345000	1725	28.555	29.52
64QAM	349000	1745	28.587	29.51
64QAM	353000	1765	28.535	29.55
256QAM	345000	1725	28.570	29.54
256QAM	349000	1745	28.541	29.48
256QAM	353000	1765	28.557	29.54



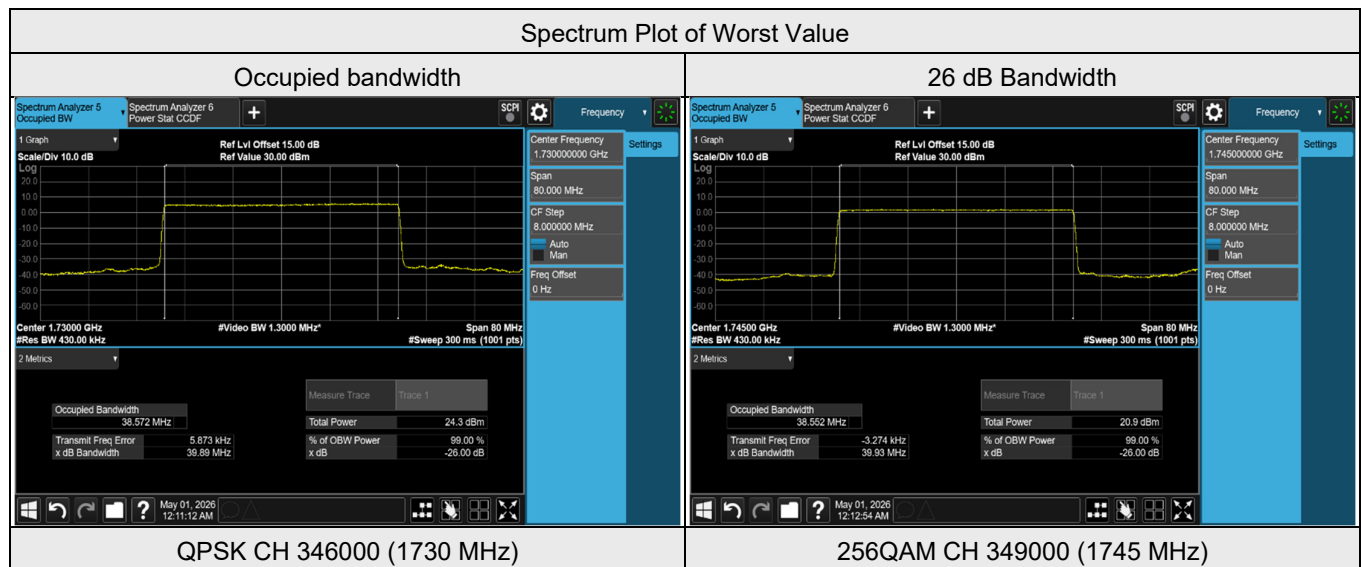
NR n66 SCS 15 kHz, Channel Bandwidth: 35 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	345500	1727.5	32.126	33.29
BPSK	349000	1745	32.106	33.27
BPSK	352500	1762.5	32.143	33.30
QPSK	345500	1727.5	33.534	34.72
QPSK	349000	1745	33.555	34.75
QPSK	352500	1762.5	33.543	34.72
16QAM	345500	1727.5	33.553	34.71
16QAM	349000	1745	33.539	34.74
16QAM	352500	1762.5	33.538	34.72
64QAM	345500	1727.5	33.549	34.71
64QAM	349000	1745	33.541	34.73
64QAM	352500	1762.5	33.541	34.73
256QAM	345500	1727.5	33.534	34.70
256QAM	349000	1745	33.539	34.70
256QAM	352500	1762.5	33.526	34.72



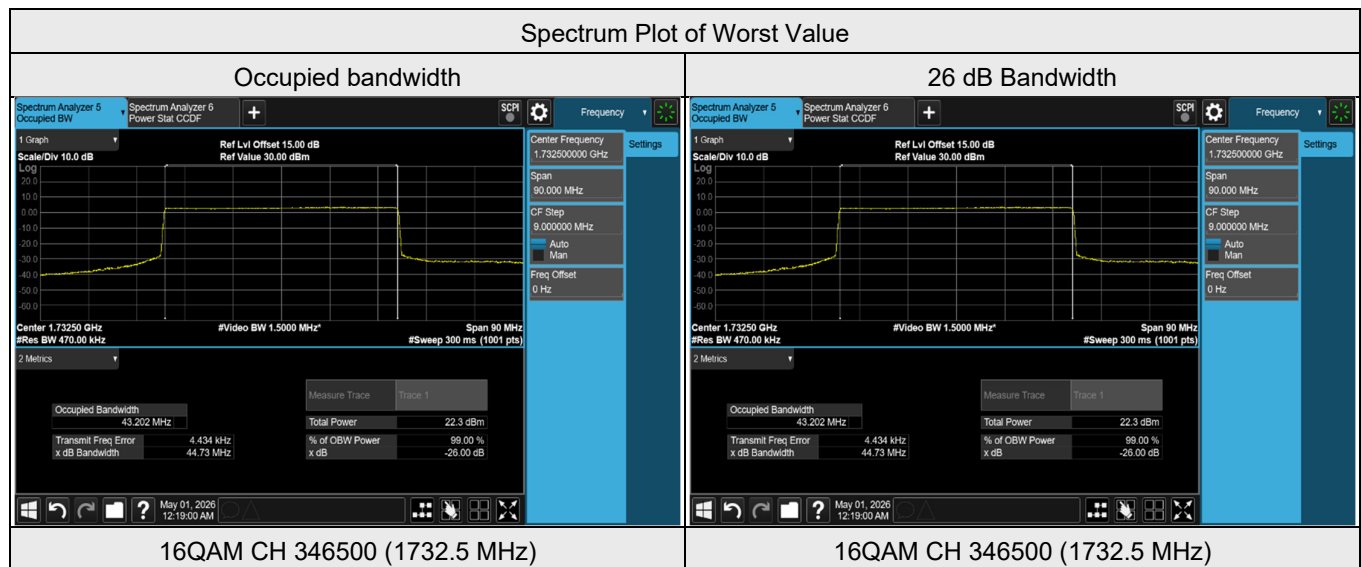
NR n66 SCS 15 kHz, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	346000	1730	38.563	39.86
BPSK	349000	1745	38.534	39.92
BPSK	352000	1760	38.539	39.90
QPSK	346000	1730	38.572	39.89
QPSK	349000	1745	38.541	39.92
QPSK	352000	1760	38.534	39.91
16QAM	346000	1730	38.546	39.84
16QAM	349000	1745	38.544	39.91
16QAM	352000	1760	38.544	39.89
64QAM	346000	1730	38.547	39.92
64QAM	349000	1745	38.538	39.92
64QAM	352000	1760	38.546	39.90
256QAM	346000	1730	38.548	39.86
256QAM	349000	1745	38.552	39.93
256QAM	352000	1760	38.539	39.91



NR n66 SCS 15 kHz, Channel Bandwidth: 45 MHz

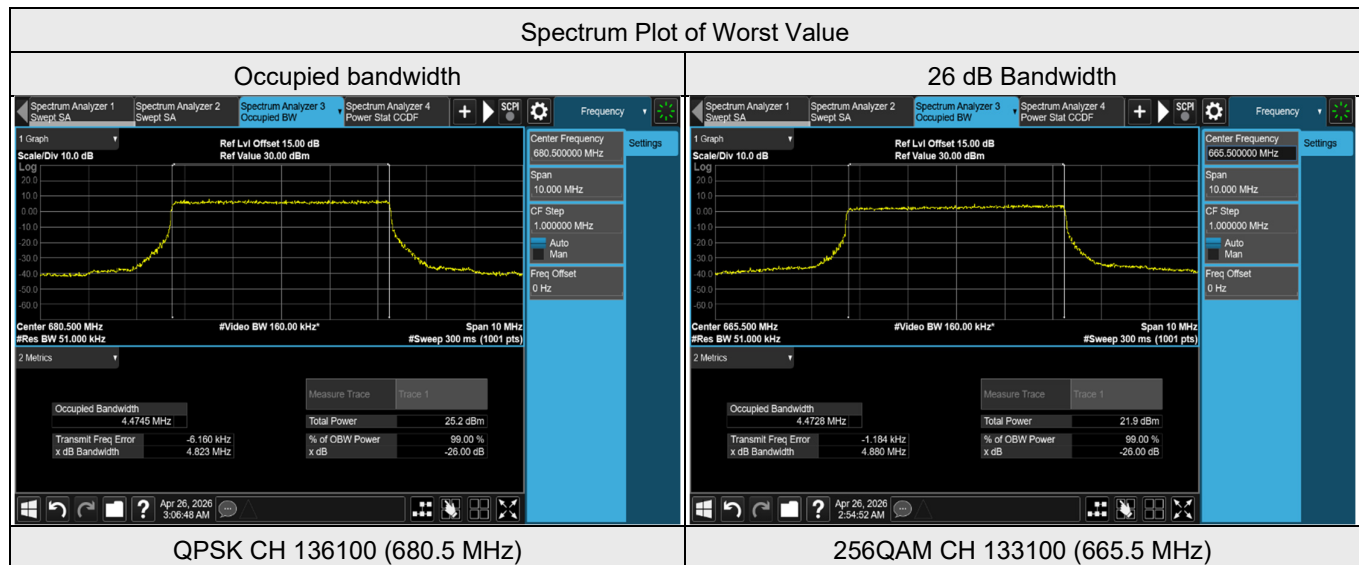
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	346500	1732.5	42.834	44.33
BPSK	349000	1745	42.821	44.33
BPSK	351500	1757.5	42.837	44.35
QPSK	346500	1732.5	43.183	44.71
QPSK	349000	1745	43.179	44.72
QPSK	351500	1757.5	43.174	44.71
16QAM	346500	1732.5	43.202	44.73
16QAM	349000	1745	43.174	44.70
16QAM	351500	1757.5	43.185	44.73
64QAM	346500	1732.5	43.197	44.66
64QAM	349000	1745	43.190	44.67
64QAM	351500	1757.5	43.195	44.68
256QAM	346500	1732.5	43.174	44.68
256QAM	349000	1745	43.193	44.71
256QAM	351500	1757.5	43.163	44.68



7.4.12NR n71 SCS 15 kHz

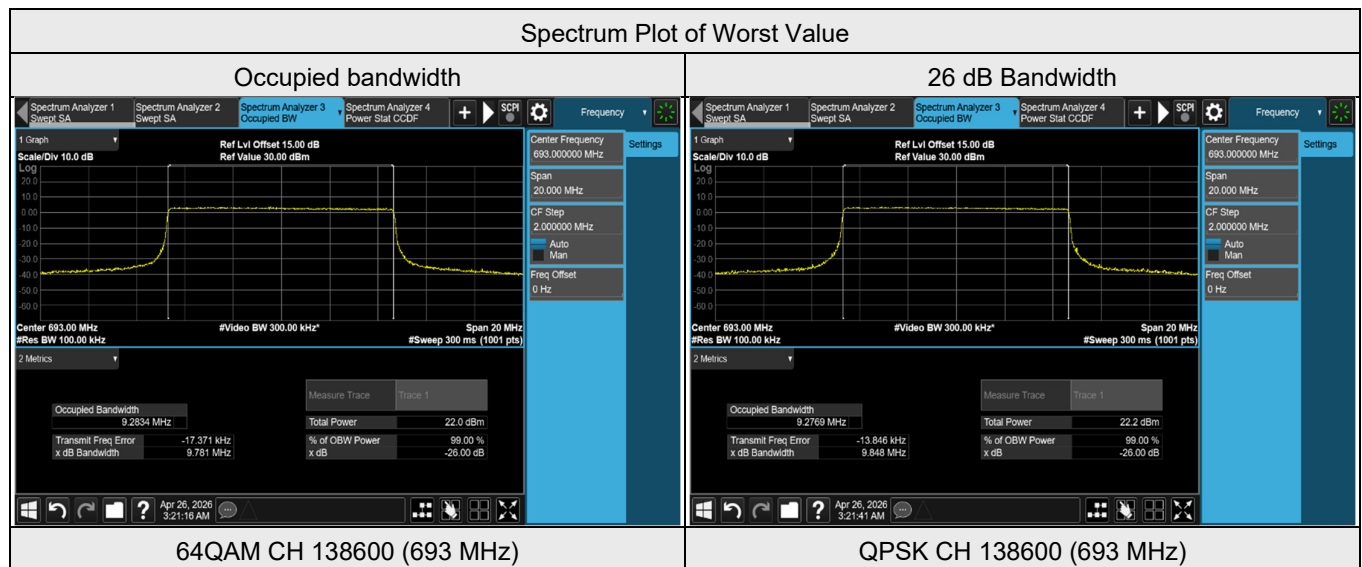
NR n71 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	133100	665.5	4.4687	4.823
BPSK	136100	680.5	4.4673	4.813
BPSK	139100	695.5	4.4645	4.843
QPSK	133100	665.5	4.4682	4.803
QPSK	136100	680.5	4.4745	4.823
QPSK	139100	695.5	4.4637	4.876
16QAM	133100	665.5	4.4675	4.864
16QAM	136100	680.5	4.4682	4.858
16QAM	139100	695.5	4.4648	4.865
64QAM	133100	665.5	4.4708	4.827
64QAM	136100	680.5	4.4743	4.862
64QAM	139100	695.5	4.4683	4.859
256QAM	133100	665.5	4.4728	4.880
256QAM	136100	680.5	4.4700	4.858
256QAM	139100	695.5	4.4681	4.858



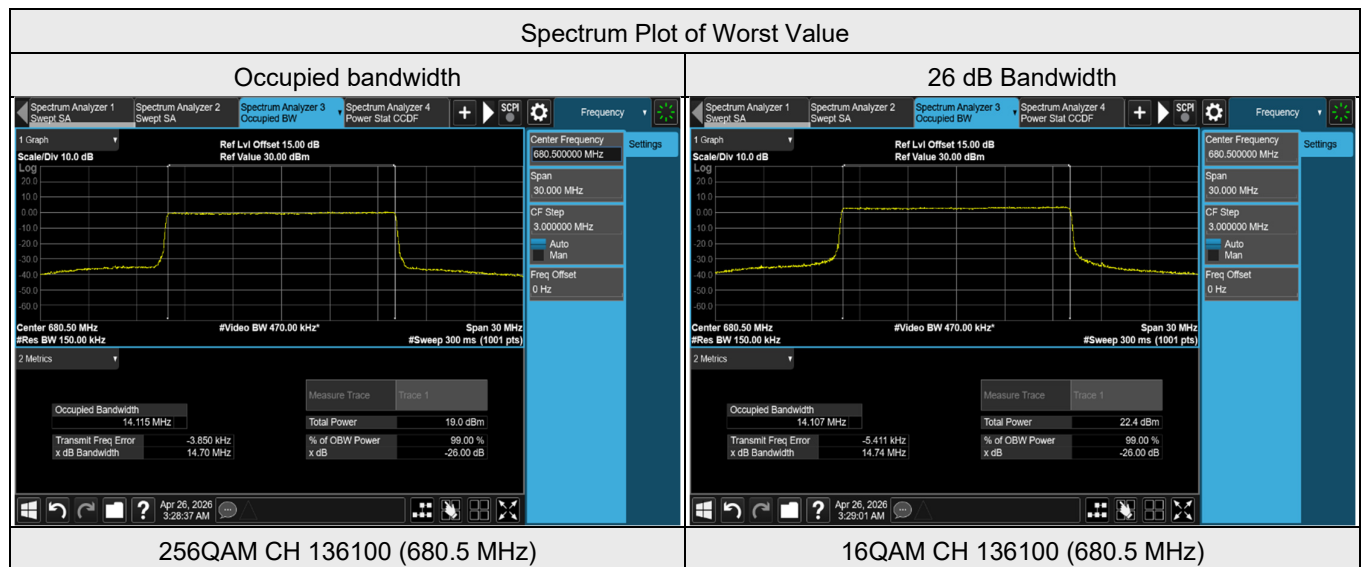
NR n71 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	133600	668	8.9014	9.304
BPSK	136100	680.5	8.9240	9.344
BPSK	138600	693	8.9133	9.305
QPSK	133600	668	9.2521	9.723
QPSK	136100	680.5	9.2770	9.774
QPSK	138600	693	9.2769	9.848
16QAM	133600	668	9.2602	9.699
16QAM	136100	680.5	9.2761	9.795
16QAM	138600	693	9.2762	9.783
64QAM	133600	668	9.2487	9.752
64QAM	136100	680.5	9.2802	9.808
64QAM	138600	693	9.2834	9.781
256QAM	133600	668	9.2561	9.724
256QAM	136100	680.5	9.2815	9.724
256QAM	138600	693	9.2791	9.760



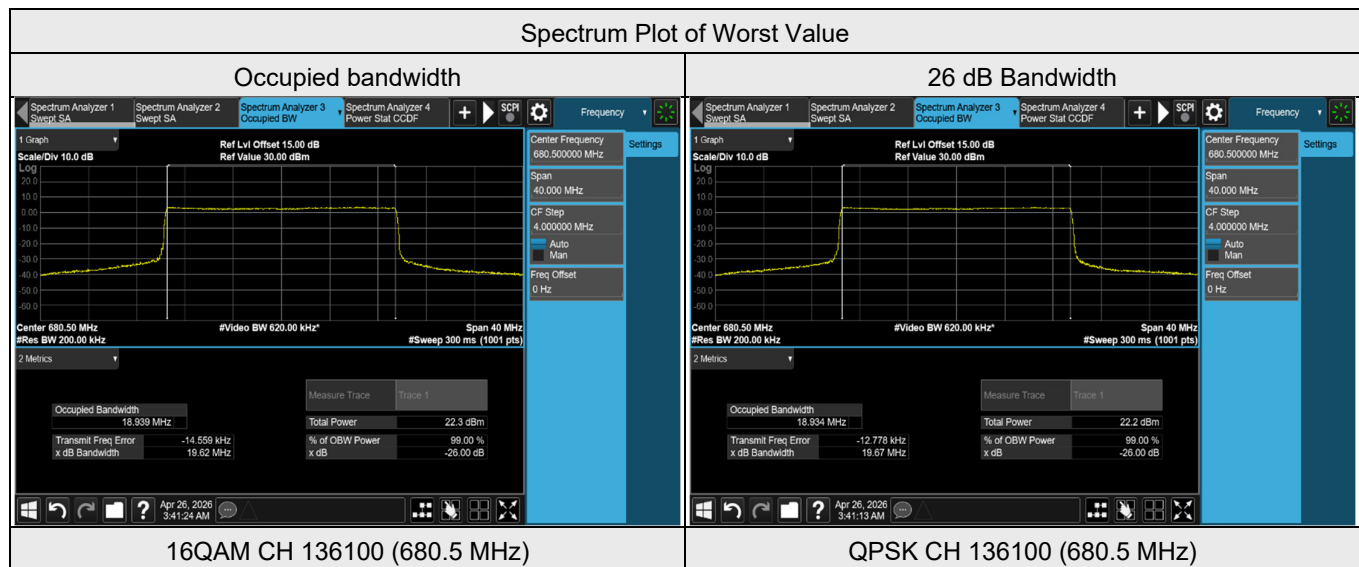
NR n71 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	134100	670.5	13.342	13.91
BPSK	136100	680.5	13.393	13.95
BPSK	138100	690.5	13.391	13.91
QPSK	134100	670.5	14.061	14.64
QPSK	136100	680.5	14.106	14.71
QPSK	138100	690.5	14.087	14.72
16QAM	134100	670.5	14.067	14.65
16QAM	136100	680.5	14.107	14.74
16QAM	138100	690.5	14.093	14.68
64QAM	134100	670.5	14.063	14.64
64QAM	136100	680.5	14.108	14.66
64QAM	138100	690.5	14.092	14.71
256QAM	134100	670.5	14.065	14.64
256QAM	136100	680.5	14.115	14.70
256QAM	138100	690.5	14.095	14.70



NR n71 SCS 15 kHz, Channel Bandwidth: 20 MHz

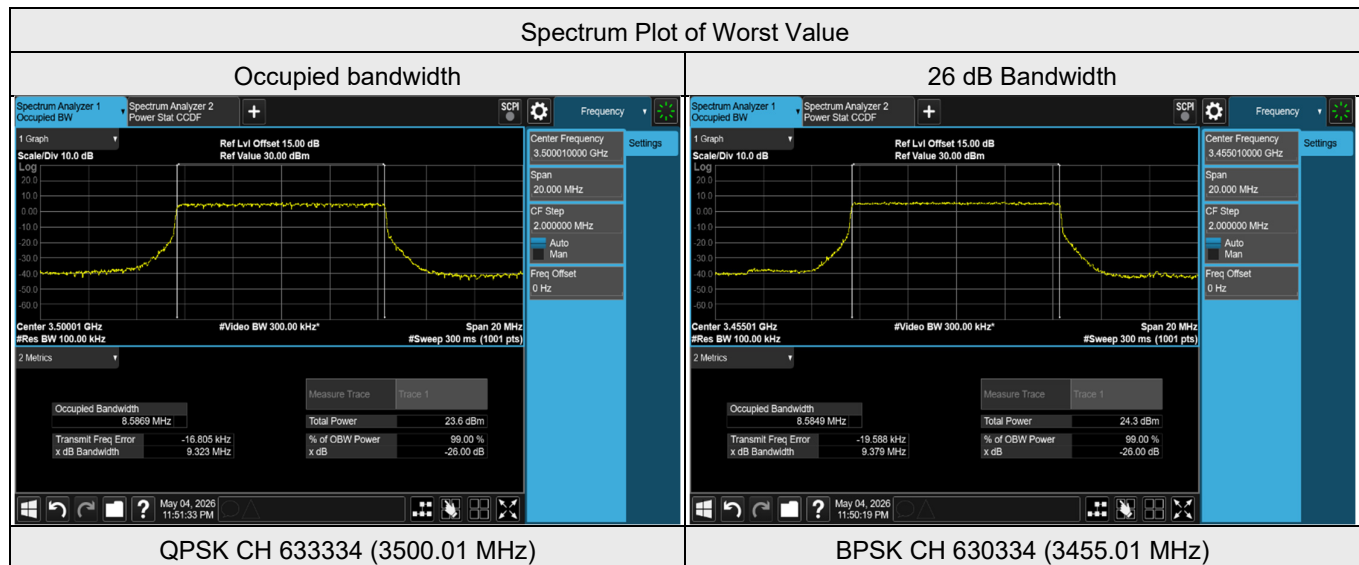
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	134600	673	17.806	18.51
BPSK	136100	680.5	17.854	18.53
BPSK	137600	688	17.834	18.52
QPSK	134600	673	18.878	19.59
QPSK	136100	680.5	18.934	19.67
QPSK	137600	688	18.896	19.61
16QAM	134600	673	18.880	19.61
16QAM	136100	680.5	18.939	19.62
16QAM	137600	688	18.899	19.60
64QAM	134600	673	18.879	19.59
64QAM	136100	680.5	18.937	19.65
64QAM	137600	688	18.888	19.62
256QAM	134600	673	18.875	19.59
256QAM	136100	680.5	18.931	19.63
256QAM	137600	688	18.899	19.62



7.4.13NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

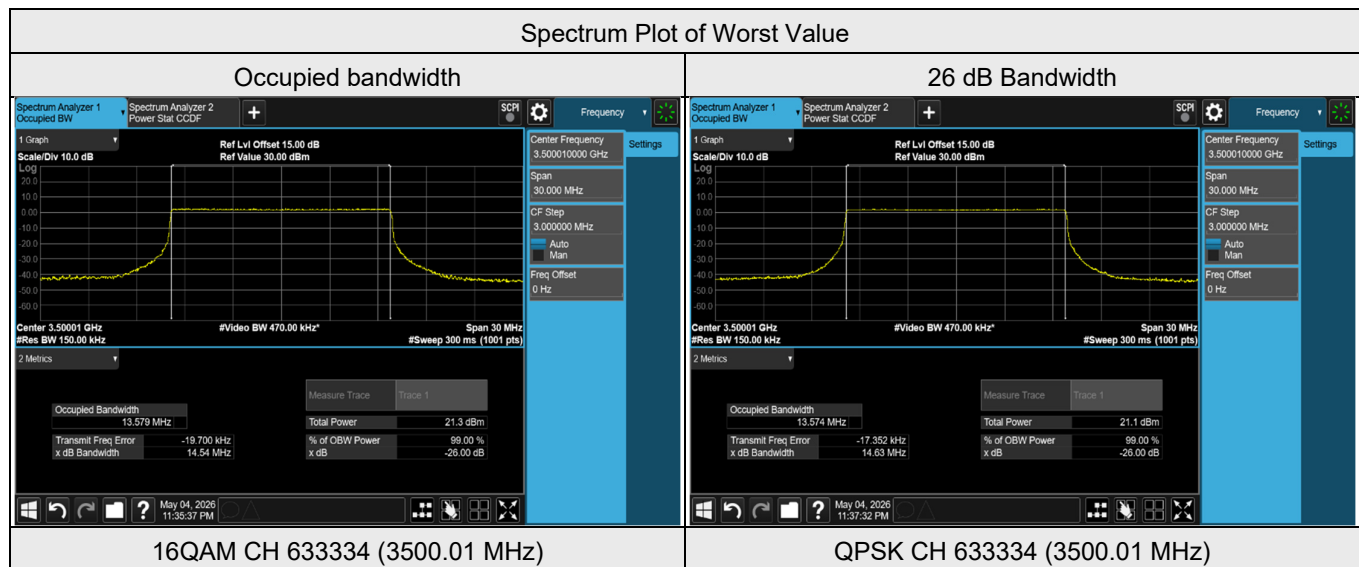
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630334	3455.01	8.5849	9.379
BPSK	633334	3500.01	8.5747	9.304
BPSK	636332	3544.98	8.5726	9.227
QPSK	630334	3455.01	8.5780	9.354
QPSK	633334	3500.01	8.5869	9.323
QPSK	636332	3544.98	8.5631	9.285
16QAM	630334	3455.01	8.5743	9.264
16QAM	633334	3500.01	8.5681	9.243
16QAM	636332	3544.98	8.5791	9.310
64QAM	630334	3455.01	8.5730	9.328
64QAM	633334	3500.01	8.5825	9.310
64QAM	636332	3544.98	8.5745	9.301
256QAM	630334	3455.01	8.5658	9.250
256QAM	633334	3500.01	8.5777	9.361
256QAM	636332	3544.98	8.5707	9.314



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630500	3457.5	12.869	13.65
BPSK	633334	3500.01	12.871	13.65
BPSK	636166	3542.49	12.871	13.71
QPSK	630500	3457.5	13.573	14.53
QPSK	633334	3500.01	13.574	14.63
QPSK	636166	3542.49	13.573	14.57
16QAM	630500	3457.5	13.580	14.51
16QAM	633334	3500.01	14.579	14.54
16QAM	636166	3542.49	13.576	14.59
64QAM	630500	3457.5	13.571	14.47
64QAM	633334	3500.01	13.570	14.40
64QAM	636166	3542.49	13.578	14.57
256QAM	630500	3457.5	13.579	14.42
256QAM	633334	3500.01	13.567	14.39
256QAM	636166	3542.49	13.575	14.50



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630668	3460.02	17.854	18.77
BPSK	633334	3500.01	17.839	18.78
BPSK	636000	3540	17.857	18.73
QPSK	630668	3460.02	18.208	19.27
QPSK	633334	3500.01	18.209	19.20
QPSK	636000	3540	18.211	19.35
16QAM	630668	3460.02	18.207	19.21
16QAM	633334	3500.01	18.213	19.20
16QAM	636000	3540	18.214	19.21
64QAM	630668	3460.02	18.210	19.24
64QAM	633334	3500.01	18.210	19.22
64QAM	636000	3540	18.210	19.22
256QAM	630668	3460.02	18.217	19.23
256QAM	633334	3500.01	18.212	19.19
256QAM	636000	3540	18.204	19.23

