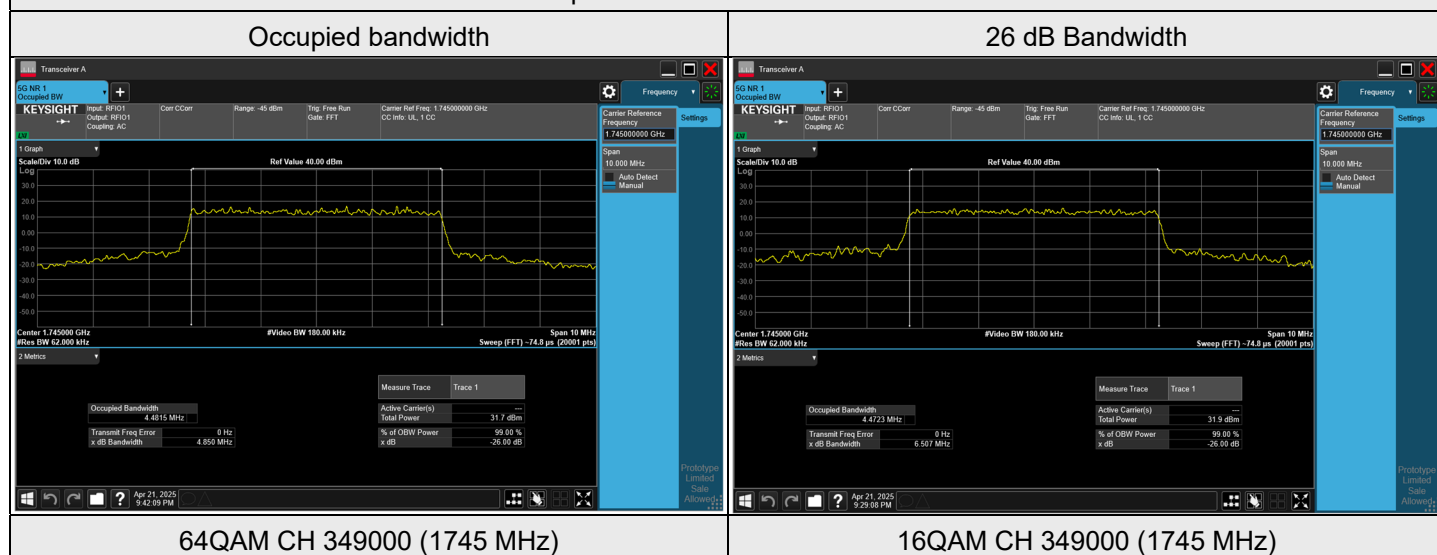


NR n66 SCS 15 kHz, MIMO-Ant 1, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	342500	1712.5	4.4742	4.794
QPSK	349000	1745	4.4732	5.357
QPSK	355500	1777.5	4.4691	5.488
16QAM	342500	1712.5	4.4592	5.006
16QAM	349000	1745	4.4723	6.507
16QAM	355500	1777.5	4.4691	5.923
64QAM	342500	1712.5	4.4762	4.804
64QAM	349000	1745	4.4815	4.850
64QAM	355500	1777.5	4.4794	4.845
256QAM	342500	1712.5	4.4582	4.821
256QAM	349000	1745	4.4584	4.805
256QAM	355500	1777.5	4.4591	4.821

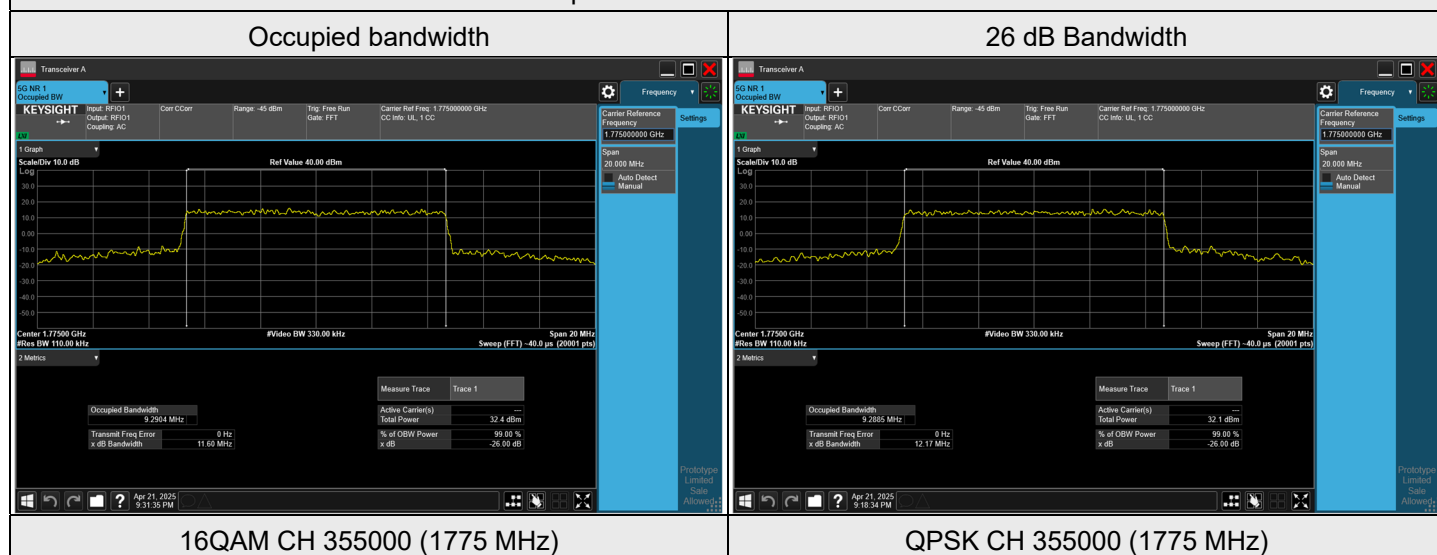
Spectrum Plot of Worst Value



NR n66 SCS 15 kHz, MIMO-Ant 1, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	343000	1715	9.2643	10.48
QPSK	349000	1745	9.2803	11.30
QPSK	355000	1775	9.2885	12.17
16QAM	343000	1715	9.2669	9.787
16QAM	349000	1745	9.2763	9.730
16QAM	355000	1775	9.2904	11.60
64QAM	343000	1715	9.2605	9.762
64QAM	349000	1745	9.2843	9.766
64QAM	355000	1775	9.2745	9.684
256QAM	343000	1715	9.2644	9.771
256QAM	349000	1745	9.2563	9.734
256QAM	355000	1775	9.2781	9.764

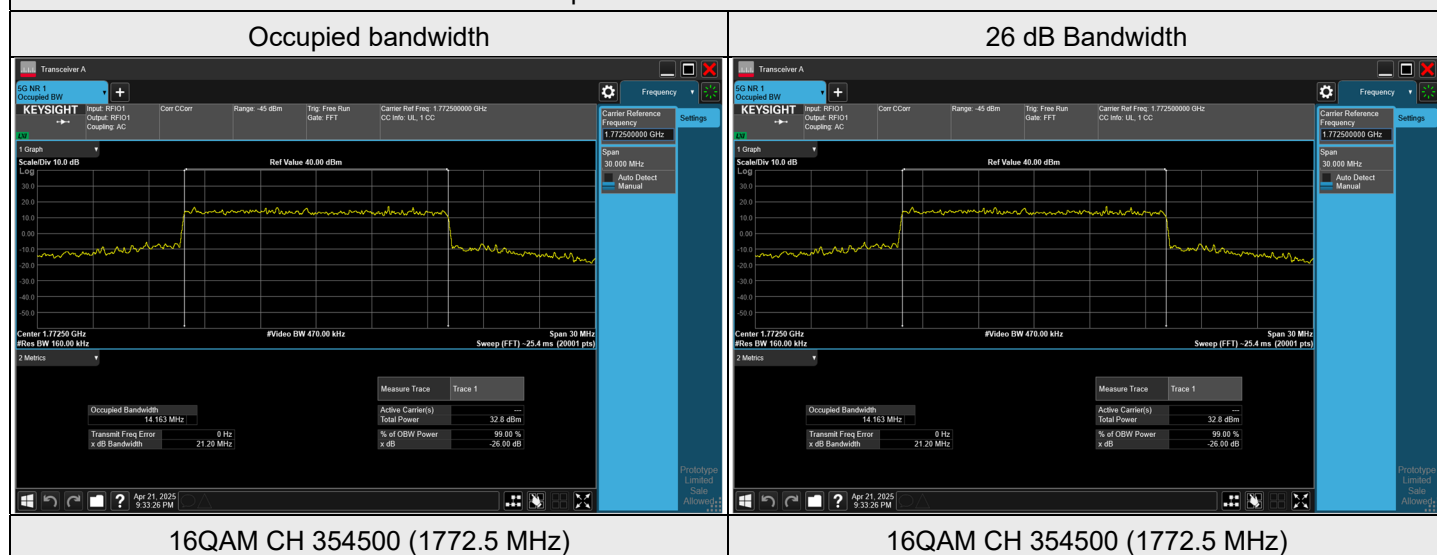
Spectrum Plot of Worst Value



NR n66 SCS 15 kHz, MIMO-Ant 1, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	343500	1717.5	14.083	14.78
QPSK	349000	1745	14.089	14.75
QPSK	354500	1772.5	14.128	17.21
16QAM	343500	1717.5	14.107	14.71
16QAM	349000	1745	14.128	18.17
16QAM	354500	1772.5	14.163	21.20
64QAM	343500	1717.5	14.068	14.73
64QAM	349000	1745	14.088	14.70
64QAM	354500	1772.5	14.106	19.57
256QAM	343500	1717.5	14.068	14.70
256QAM	349000	1745	14.067	14.72
256QAM	354500	1772.5	14.091	14.74

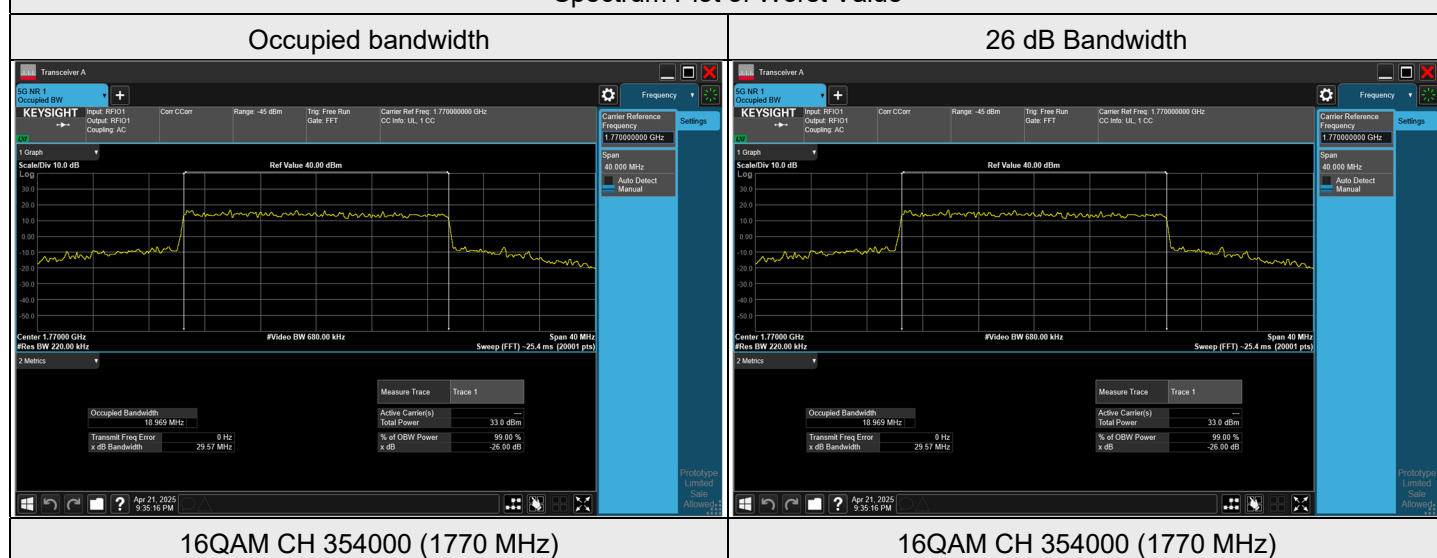
Spectrum Plot of Worst Value



NR n66 SCS 15 kHz, MIMO-Ant 1, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	344000	1720	18.869	19.70
QPSK	349000	1745	18.898	21.55
QPSK	354000	1770	18.942	28.45
16QAM	344000	1720	18.905	22.21
16QAM	349000	1745	18.929	26.31
16QAM	354000	1770	18.969	29.57
64QAM	344000	1720	18.913	19.76
64QAM	349000	1745	18.914	21.55
64QAM	354000	1770	18.925	21.58
256QAM	344000	1720	18.892	19.76
256QAM	349000	1745	18.889	19.77
256QAM	354000	1770	18.877	19.67

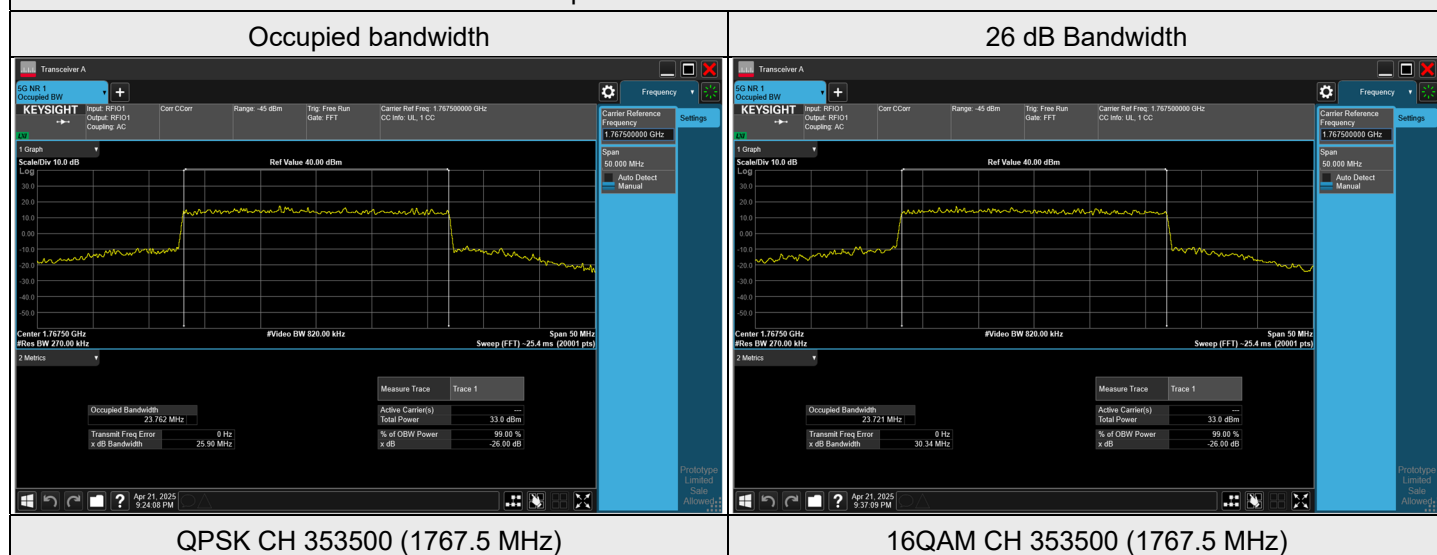
Spectrum Plot of Worst Value



NR n66 SCS 15 kHz, MIMO-Ant 1, Channel Bandwidth: 25 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	344500	1722.5	23.746	29.00
QPSK	349000	1745	23.751	30.08
QPSK	353500	1767.5	23.762	25.90
16QAM	344500	1722.5	23.751	28.57
16QAM	349000	1745	23.727	25.12
16QAM	353500	1767.5	23.721	30.34
64QAM	344500	1722.5	23.676	24.59
64QAM	349000	1745	23.741	25.21
64QAM	353500	1767.5	23.671	24.71
256QAM	344500	1722.5	23.707	24.65
256QAM	349000	1745	23.731	24.65
256QAM	353500	1767.5	23.677	24.60

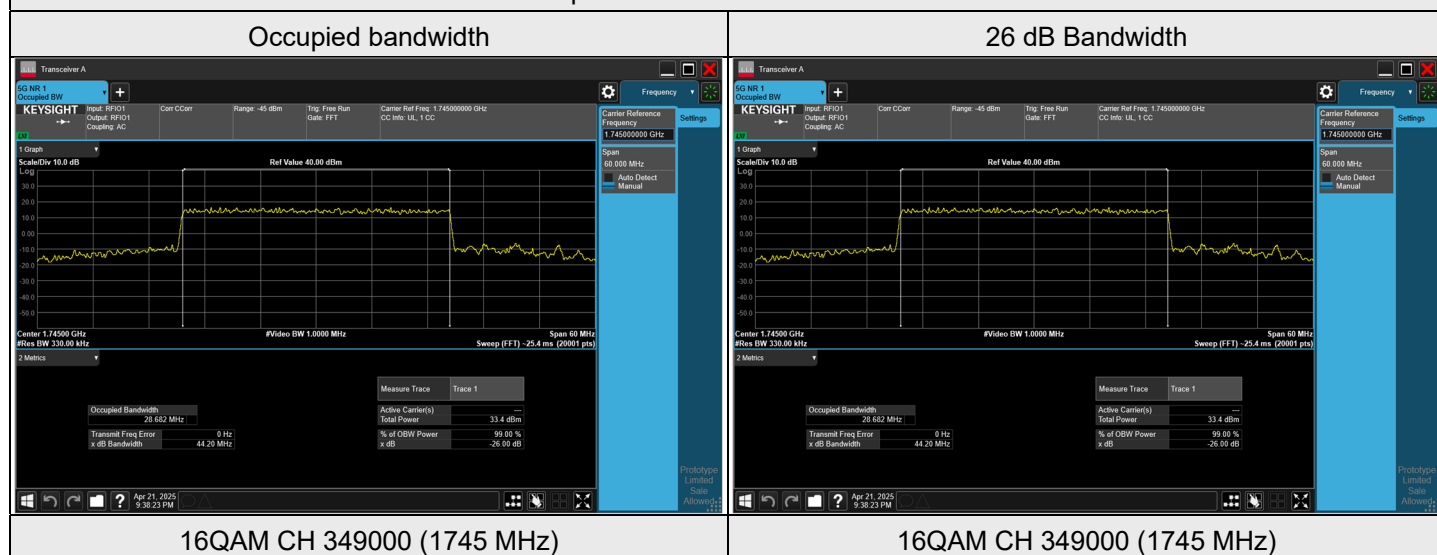
Spectrum Plot of Worst Value



NR n66 SCS 15 kHz, MIMO-Ant 1, Channel Bandwidth: 30 MHz

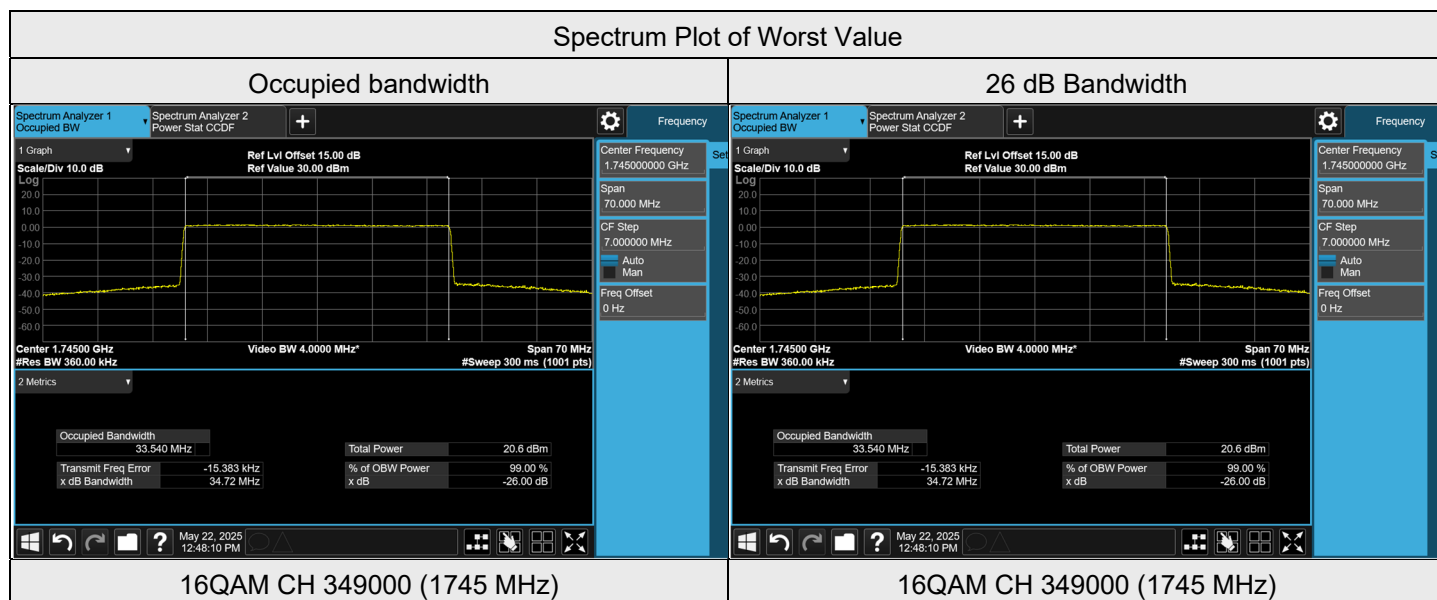
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	345000	1725	28.586	30.14
QPSK	349000	1745	28.633	29.81
QPSK	353000	1765	28.585	29.81
16QAM	345000	1725	28.640	36.62
16QAM	349000	1745	28.682	44.20
16QAM	353000	1765	28.616	42.97
64QAM	345000	1725	28.520	29.69
64QAM	349000	1745	28.509	29.73
64QAM	353000	1765	28.466	29.70
256QAM	345000	1725	28.485	29.74
256QAM	349000	1745	28.513	29.79
256QAM	353000	1765	28.466	29.76

Spectrum Plot of Worst Value



NR n66 SCS 15 kHz, MIMO-Ant 1, Channel Bandwidth: 35 MHz

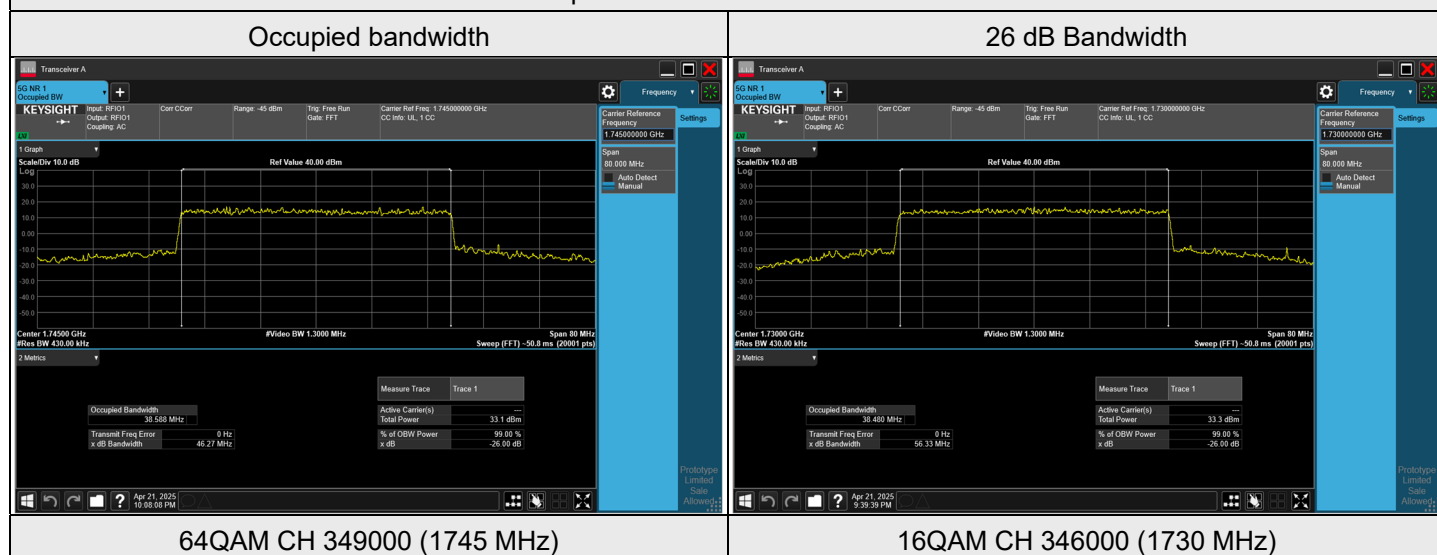
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	345500	1727.5	33.525	34.71
QPSK	349000	1745	33.521	34.71
QPSK	352500	1762.5	33.523	34.70
16QAM	345500	1727.5	33.516	34.72
16QAM	349000	1745	33.540	34.72
16QAM	352500	1762.5	33.507	34.70
64QAM	345500	1727.5	33.518	34.71
64QAM	349000	1745	33.520	34.69
64QAM	352500	1762.5	33.510	34.71
256QAM	345500	1727.5	33.507	34.70
256QAM	349000	1745	33.521	34.70
256QAM	352500	1762.5	33.518	34.69



NR n66 SCS 15 kHz, MIMO-Ant 1, Channel Bandwidth: 40 MHz

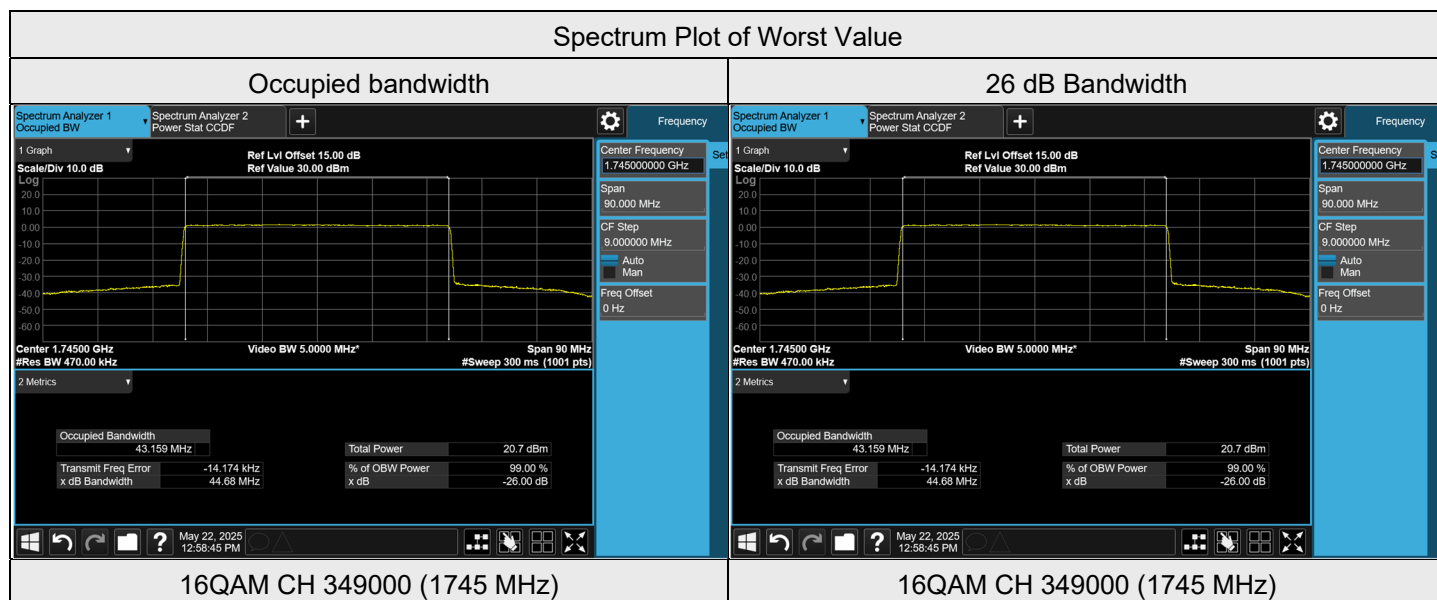
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	346000	1730	38.472	46.35
QPSK	349000	1745	38.555	39.83
QPSK	352000	1760	38.508	47.89
16QAM	346000	1730	38.480	56.33
16QAM	349000	1745	38.554	46.85
16QAM	352000	1760	38.474	39.96
64QAM	346000	1730	38.467	39.91
64QAM	349000	1745	38.588	46.27
64QAM	352000	1760	38.483	40.07
256QAM	346000	1730	38.436	40.00
256QAM	349000	1745	38.484	39.97
256QAM	352000	1760	38.452	39.90

Spectrum Plot of Worst Value



NR n66 SCS 15 kHz, MIMO-Ant 1, Channel Bandwidth: 45 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	346500	1732.5	43.130	44.67
QPSK	349000	1745	43.152	44.68
QPSK	351500	1757.5	43.133	44.67
16QAM	346500	1732.5	43.138	44.67
16QAM	349000	1745	43.159	44.68
16QAM	351500	1757.5	43.133	44.68
64QAM	346500	1732.5	43.137	44.66
64QAM	349000	1745	43.142	44.67
64QAM	351500	1757.5	43.145	44.66
256QAM	346500	1732.5	43.117	44.67
256QAM	349000	1745	43.117	44.68
256QAM	351500	1757.5	43.116	44.67

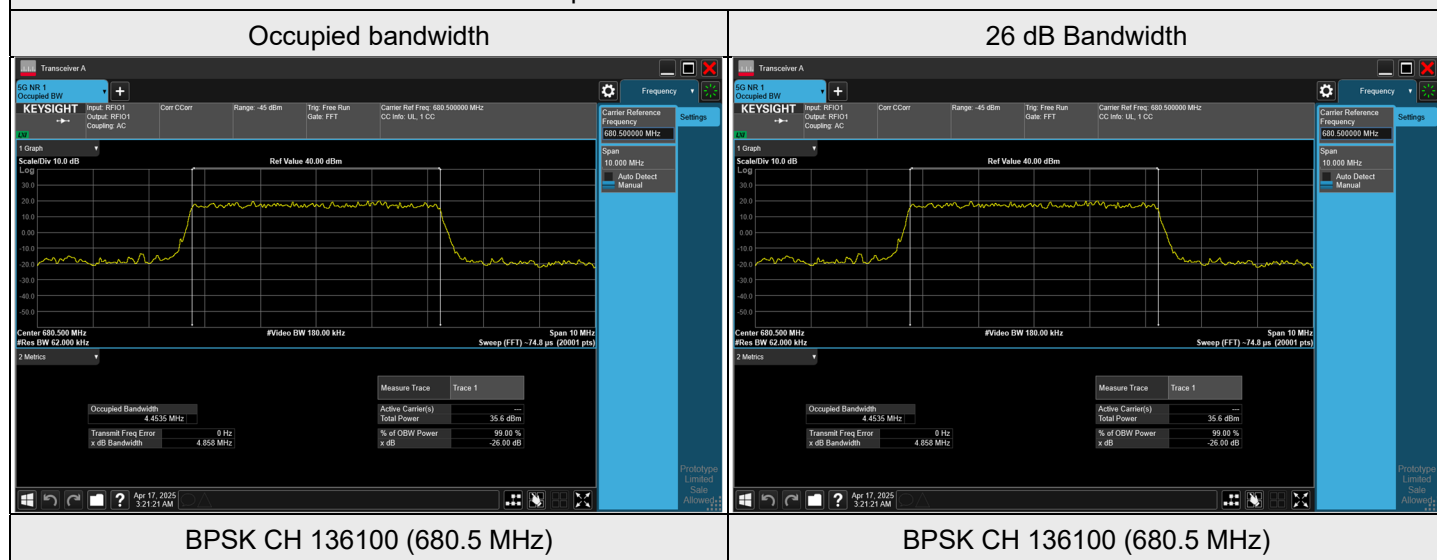


7.4.4 NR n71 SCS 15 kHz

NR n71 SCS 15 kHz, Ant 0, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	133100	665.5	4.4480	4.787
BPSK	136100	680.5	4.4535	4.858
BPSK	139100	695.5	4.4496	4.805

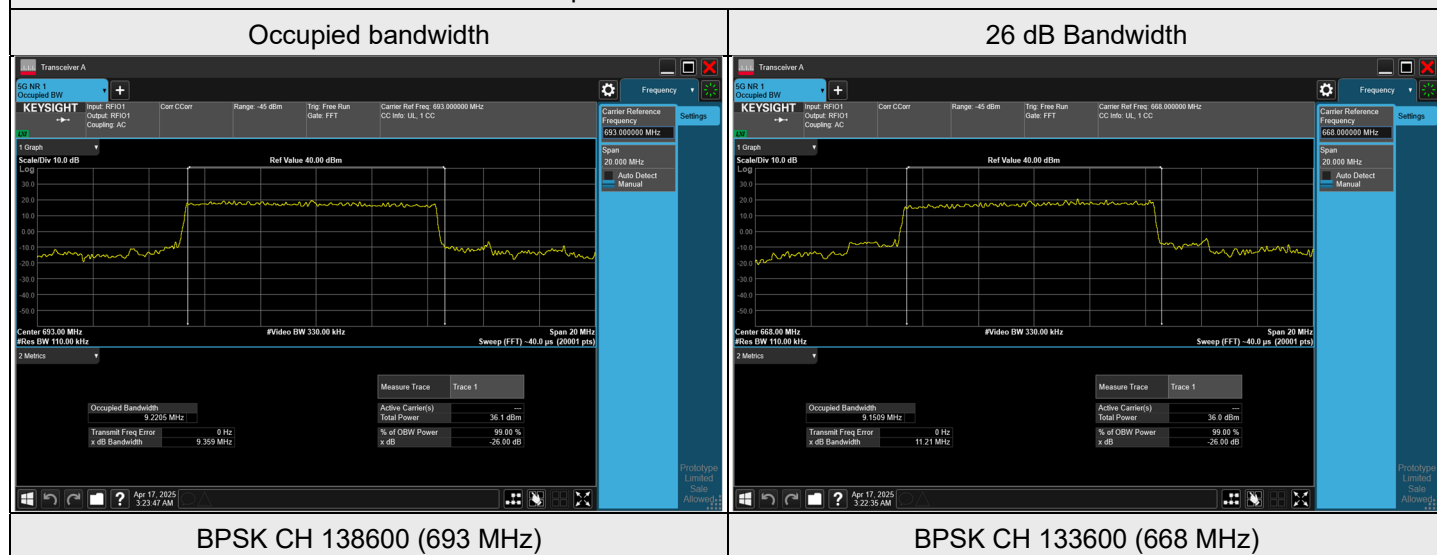
Spectrum Plot of Worst Value



NR n71 SCS 15 kHz, Ant 0, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	133600	668	9.1509	11.21
BPSK	136100	680.5	9.2041	9.361
BPSK	138600	693	9.2205	9.359

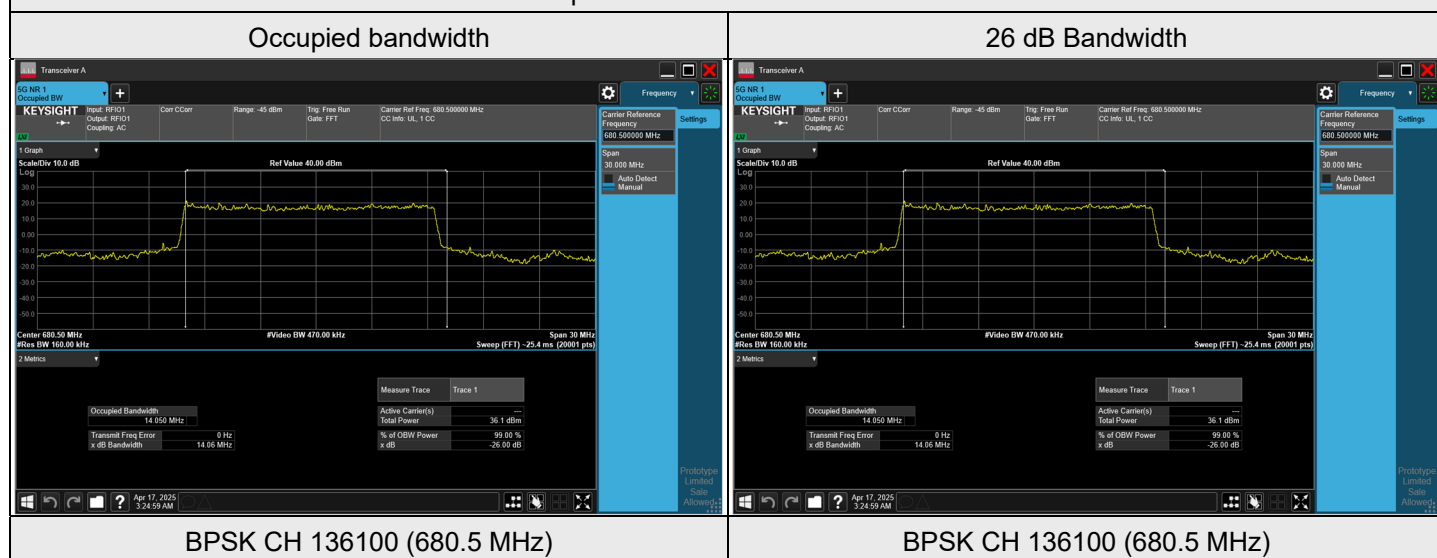
Spectrum Plot of Worst Value



NR n71 SCS 15 kHz, Ant 0, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	134100	670.5	13.945	13.91
BPSK	136100	680.5	14.050	14.06
BPSK	138100	690.5	13.990	13.93

Spectrum Plot of Worst Value



NR n71 SCS 15 kHz, Ant 0, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	134600	673	18.516	18.65
BPSK	136100	680.5	18.804	19.25
BPSK	137600	688	18.588	18.68

Spectrum Plot of Worst Value

Occupied bandwidth



BPSK CH 136100 (680.5 MHz)

26 dB Bandwidth

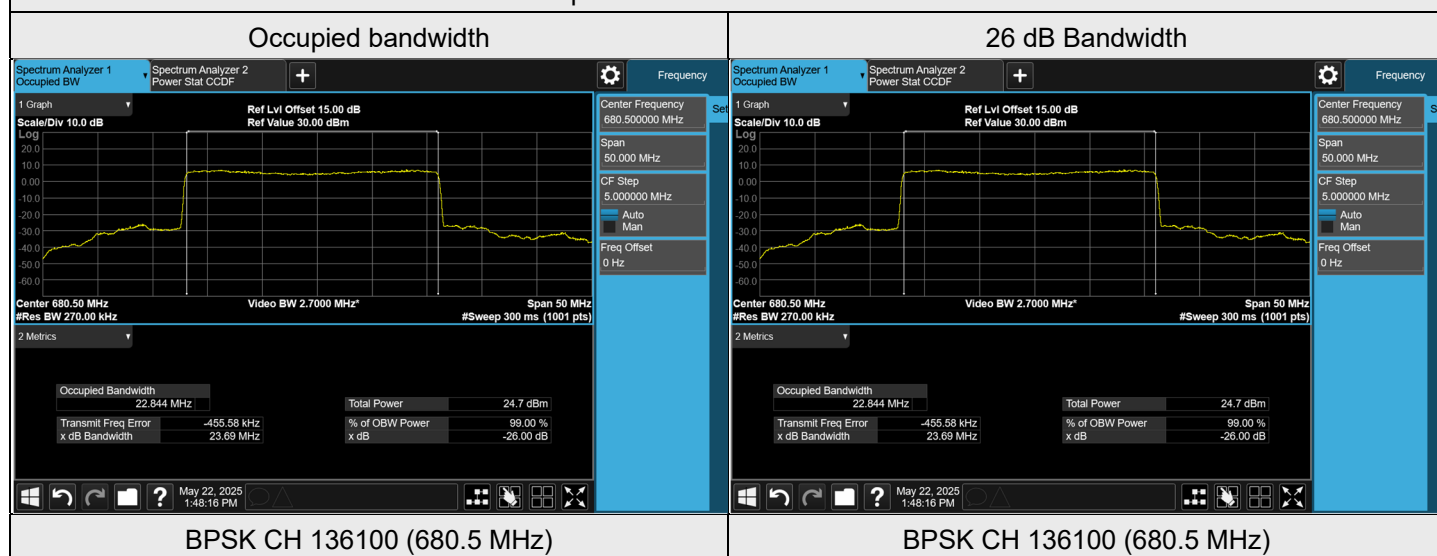


BPSK CH 136100 (680.5 MHz)

NR n71 SCS 15 kHz, Ant 0, Channel Bandwidth: 25 MHz

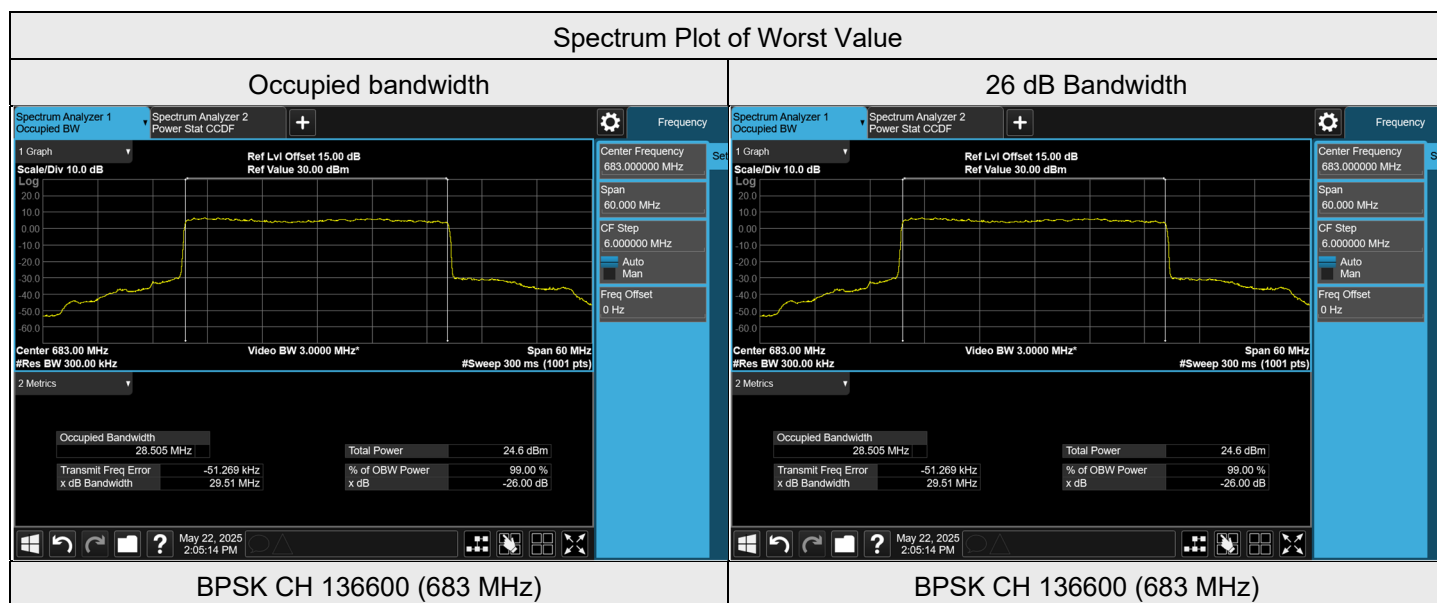
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	135100	675.5	22.787	23.67
BPSK	136100	680.5	22.844	23.69
BPSK	137100	685.5	22.816	23.68

Spectrum Plot of Worst Value



NR n71 SCS 15 kHz, Ant 0, Channel Bandwidth: 30 MHz

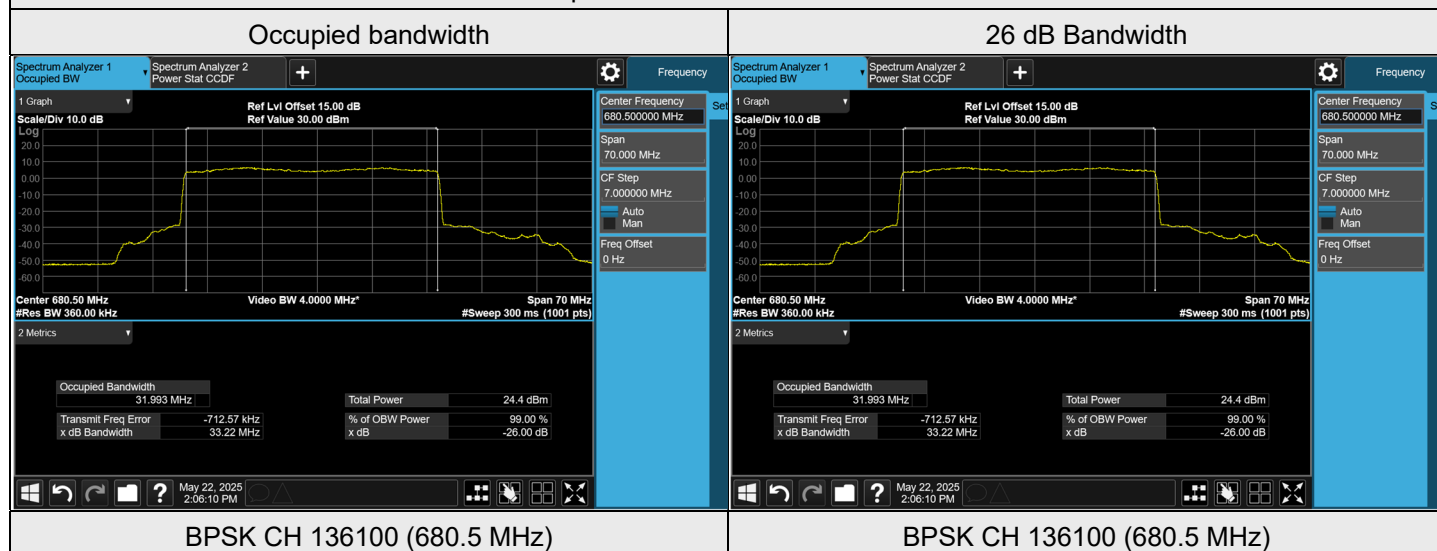
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	135600	678	28.477	29.48
BPSK	136100	680.5	28.460	29.49
BPSK	136600	683	28.505	29.51



NR n71 SCS 15 kHz, Ant 0, Channel Bandwidth: 35 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	136100	680.5	31.993	33.22

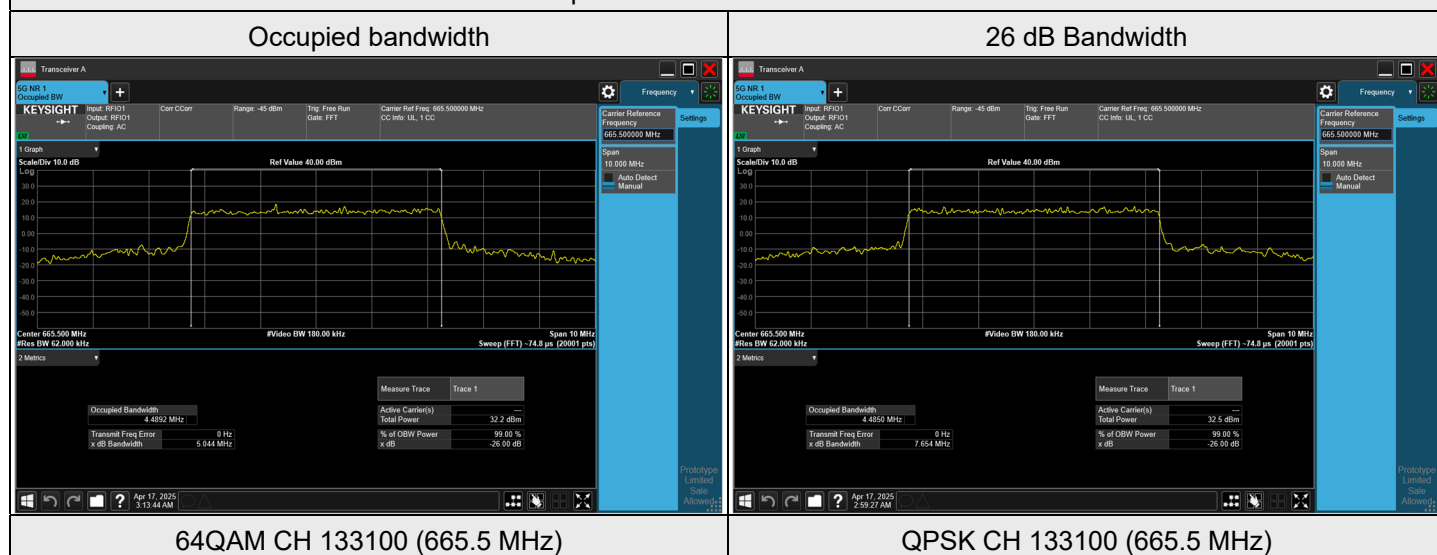
Spectrum Plot of Worst Value



NR n71 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133100	665.5	4.4850	7.654
QPSK	136100	680.5	4.4585	4.840
QPSK	139100	695.5	4.4484	4.749
16QAM	133100	665.5	4.4841	7.357
16QAM	136100	680.5	4.4654	4.774
16QAM	139100	695.5	4.4516	4.709
64QAM	133100	665.5	4.4892	5.044
64QAM	136100	680.5	4.4711	4.815
64QAM	139100	695.5	4.4811	4.801
256QAM	133100	665.5	4.4661	4.823
256QAM	136100	680.5	4.4523	4.805
256QAM	139100	695.5	4.4439	4.799

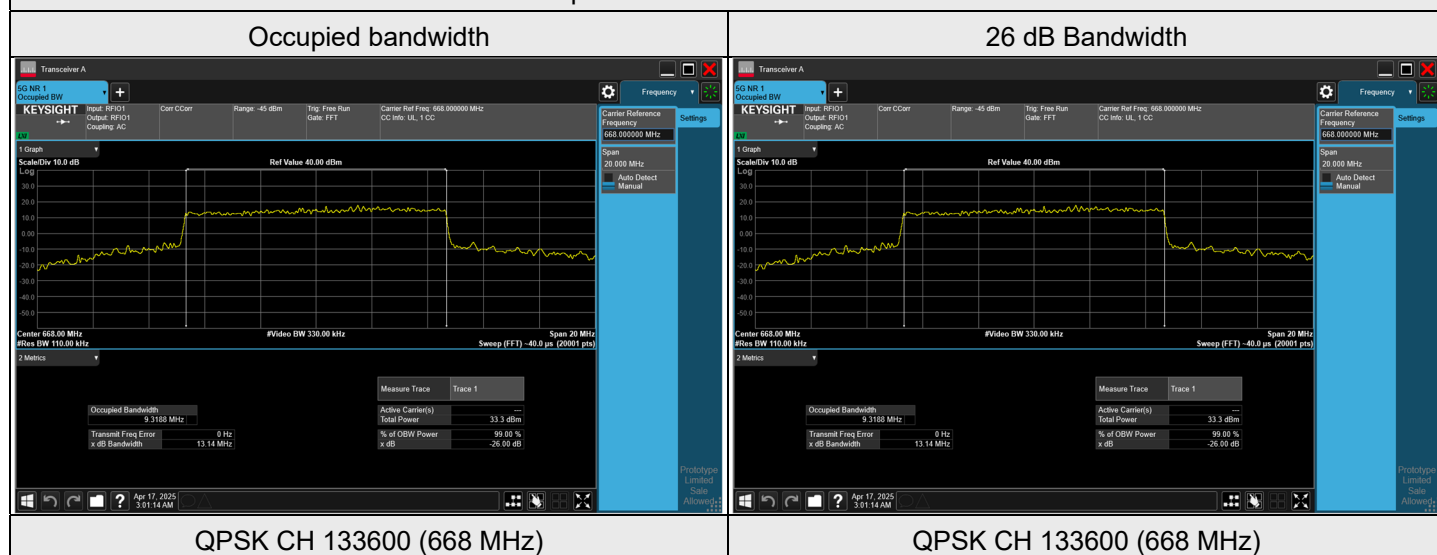
Spectrum Plot of Worst Value



NR n71 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133600	668	9.3188	13.14
QPSK	136100	680.5	9.3000	9.776
QPSK	138600	693	9.2889	10.11
16QAM	133600	668	9.2622	12.83
16QAM	136100	680.5	9.2709	9.837
16QAM	138600	693	9.2600	9.742
64QAM	133600	668	9.2828	9.763
64QAM	136100	680.5	9.2885	9.792
64QAM	138600	693	9.2770	9.760
256QAM	133600	668	9.2764	9.771
256QAM	136100	680.5	9.2848	9.819
256QAM	138600	693	9.2500	9.783

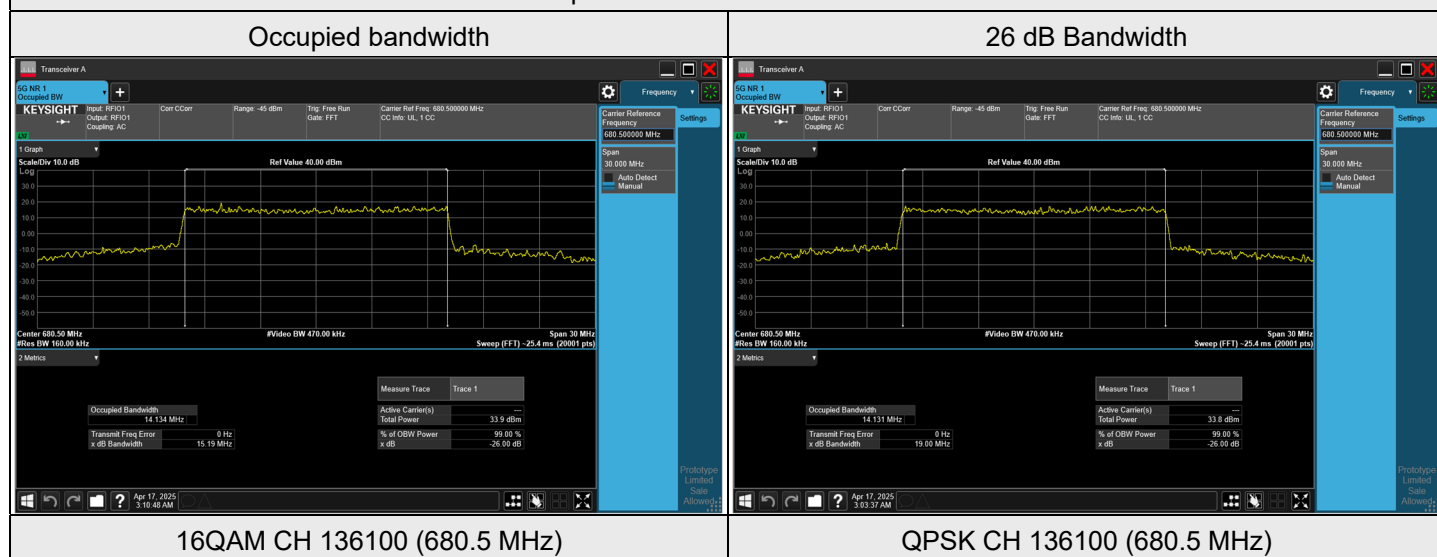
Spectrum Plot of Worst Value



NR n71 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	134100	670.5	14.062	18.48
QPSK	136100	680.5	14.131	19.00
QPSK	138100	690.5	14.037	14.69
16QAM	134100	670.5	14.074	17.22
16QAM	136100	680.5	14.134	15.19
16QAM	138100	690.5	14.067	14.65
64QAM	134100	670.5	14.044	14.77
64QAM	136100	680.5	14.128	15.40
64QAM	138100	690.5	14.079	14.70
256QAM	134100	670.5	14.058	14.72
256QAM	136100	680.5	14.095	14.66
256QAM	138100	690.5	14.052	14.75

Spectrum Plot of Worst Value



NR n71 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	134600	673	18.825	19.64
QPSK	136100	680.5	18.933	24.90
QPSK	137600	688	18.821	19.64
16QAM	134600	673	18.913	19.70
16QAM	136100	680.5	18.965	22.66
16QAM	137600	688	18.857	19.73
64QAM	134600	673	18.901	20.06
64QAM	136100	680.5	18.994	19.79
64QAM	137600	688	18.904	19.63
256QAM	134600	673	18.889	19.65
256QAM	136100	680.5	18.940	19.79
256QAM	137600	688	18.893	19.71

Spectrum Plot of Worst Value

