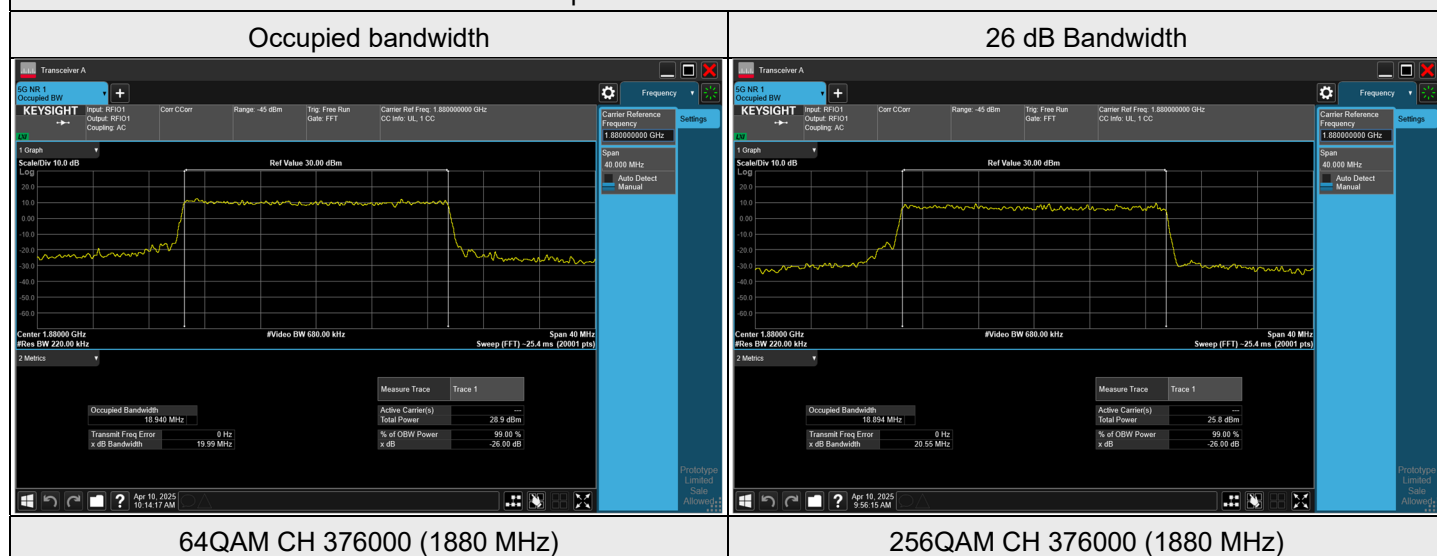


NR n2 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	372000	1860	18.648	18.76
BPSK	376000	1880	18.813	18.92
BPSK	380000	1900	18.705	18.77
QPSK	372000	1860	18.821	20.02
QPSK	376000	1880	18.933	19.84
QPSK	380000	1900	18.805	19.85
16QAM	372000	1860	18.881	19.94
16QAM	376000	1880	18.917	19.97
16QAM	380000	1900	18.897	19.94
64QAM	372000	1860	18.874	19.92
64QAM	376000	1880	18.940	19.99
64QAM	380000	1900	18.889	20.00
256QAM	372000	1860	18.837	19.90
256QAM	376000	1880	18.894	20.55
256QAM	380000	1900	18.821	19.86

Spectrum Plot of Worst Value

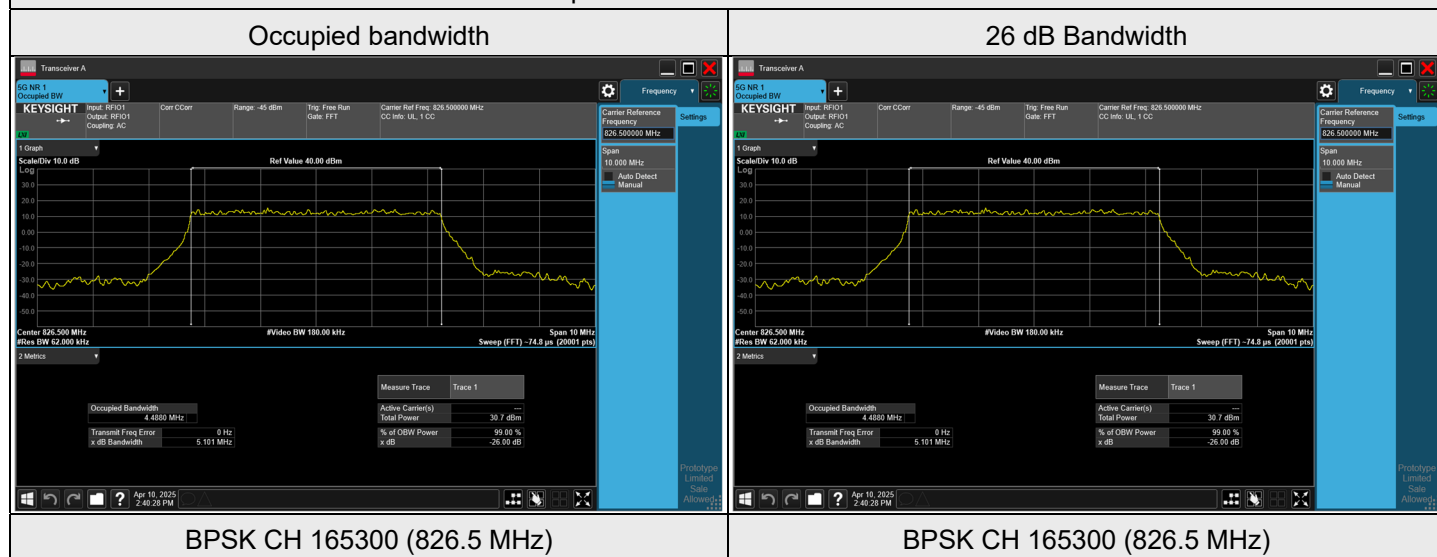


7.4.2 NR n5 SCS 15 kHz

NR n5 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	165300	826.5	4.4880	5.101
BPSK	167300	836.5	4.4821	5.051
BPSK	169300	846.5	4.4787	5.044
QPSK	165300	826.5	4.4873	5.034
QPSK	167300	836.5	4.4604	5.082
QPSK	169300	846.5	4.4784	5.063
16QAM	165300	826.5	4.4554	5.099
16QAM	167300	836.5	4.4641	5.037
16QAM	169300	846.5	4.4603	5.056
64QAM	165300	826.5	4.4721	4.895
64QAM	167300	836.5	4.4693	5.028
64QAM	169300	846.5	4.4622	4.826
256QAM	165300	826.5	4.4771	4.732
256QAM	167300	836.5	4.4780	5.028
256QAM	169300	846.5	4.4862	5.098

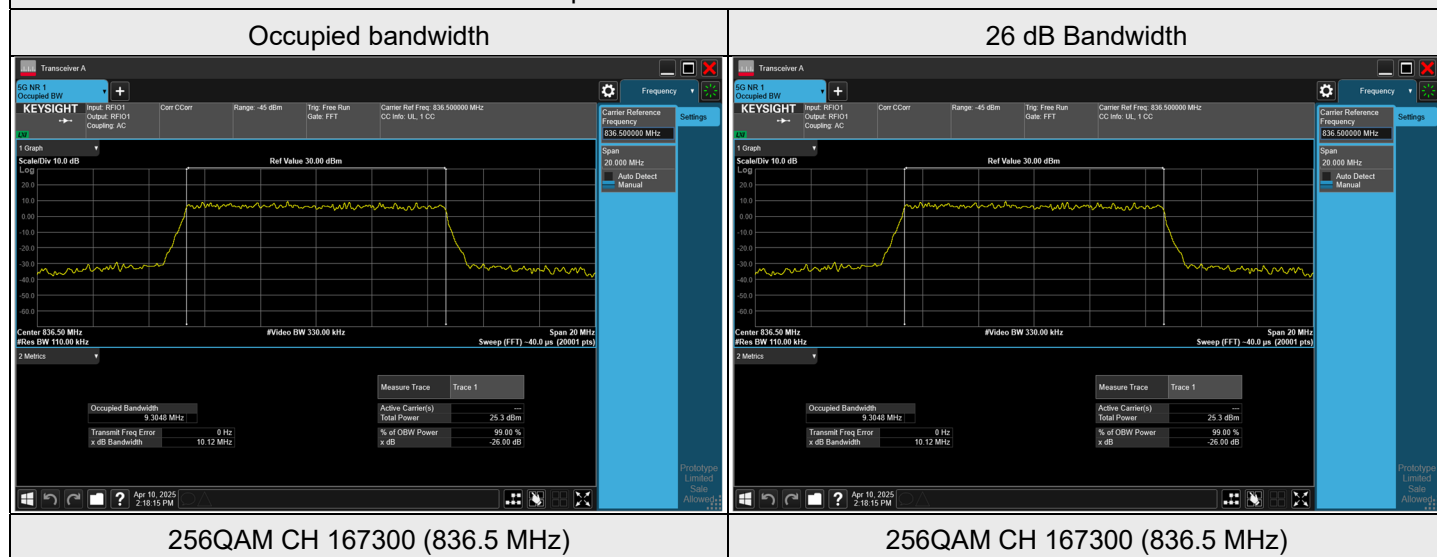
Spectrum Plot of Worst Value



NR n5 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	165800	829	9.1606	9.620
BPSK	167300	836.5	9.1986	9.599
BPSK	168800	844	9.1687	9.637
QPSK	165800	829	9.2662	10.06
QPSK	167300	836.5	9.2705	9.952
QPSK	168800	844	9.2785	10.04
16QAM	165800	829	9.2707	9.880
16QAM	167300	836.5	9.2780	9.811
16QAM	168800	844	9.2803	9.937
64QAM	165800	829	9.2524	10.10
64QAM	167300	836.5	9.2626	10.06
64QAM	168800	844	9.2481	9.932
256QAM	165800	829	9.2890	10.04
256QAM	167300	836.5	9.3048	10.12
256QAM	168800	844	9.2787	10.04

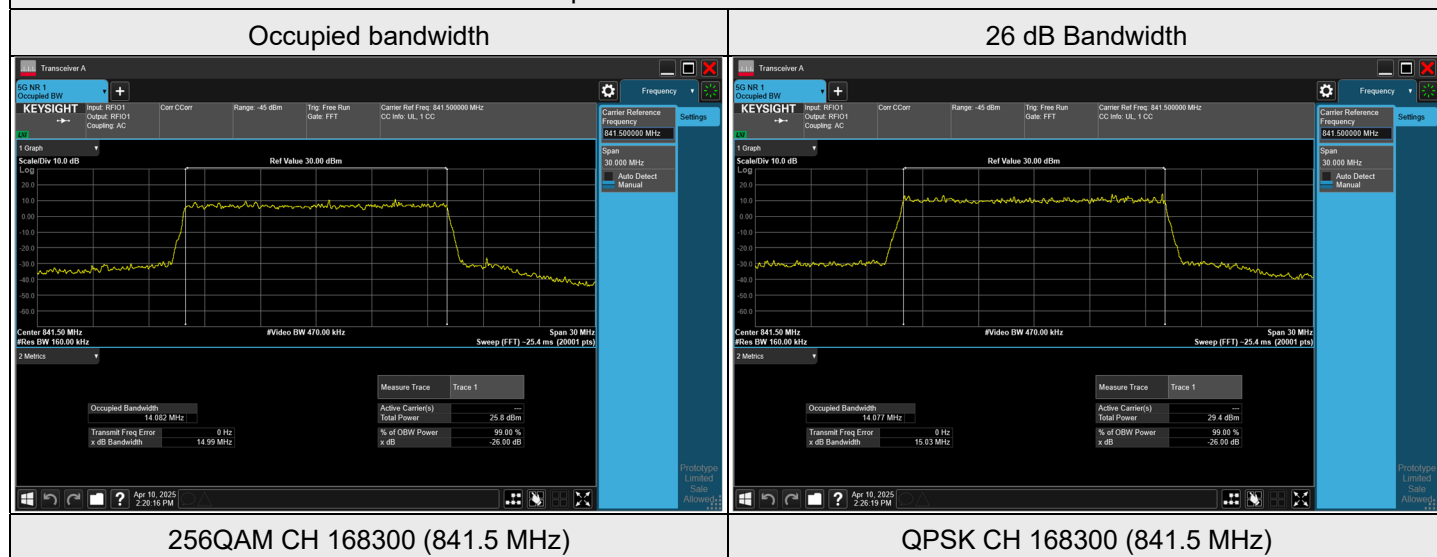
Spectrum Plot of Worst Value



NR n5 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	166300	831.5	13.986	14.36
BPSK	167300	836.5	14.002	14.27
BPSK	168300	841.5	14.005	14.32
QPSK	166300	831.5	14.050	14.86
QPSK	167300	836.5	14.071	14.92
QPSK	168300	841.5	14.077	15.03
16QAM	166300	831.5	14.059	14.89
16QAM	167300	836.5	14.071	14.93
16QAM	168300	841.5	14.080	15.00
64QAM	166300	831.5	14.059	14.99
64QAM	167300	836.5	14.053	14.87
64QAM	168300	841.5	14.028	14.78
256QAM	166300	831.5	14.050	14.91
256QAM	167300	836.5	14.073	14.88
256QAM	168300	841.5	14.082	14.99

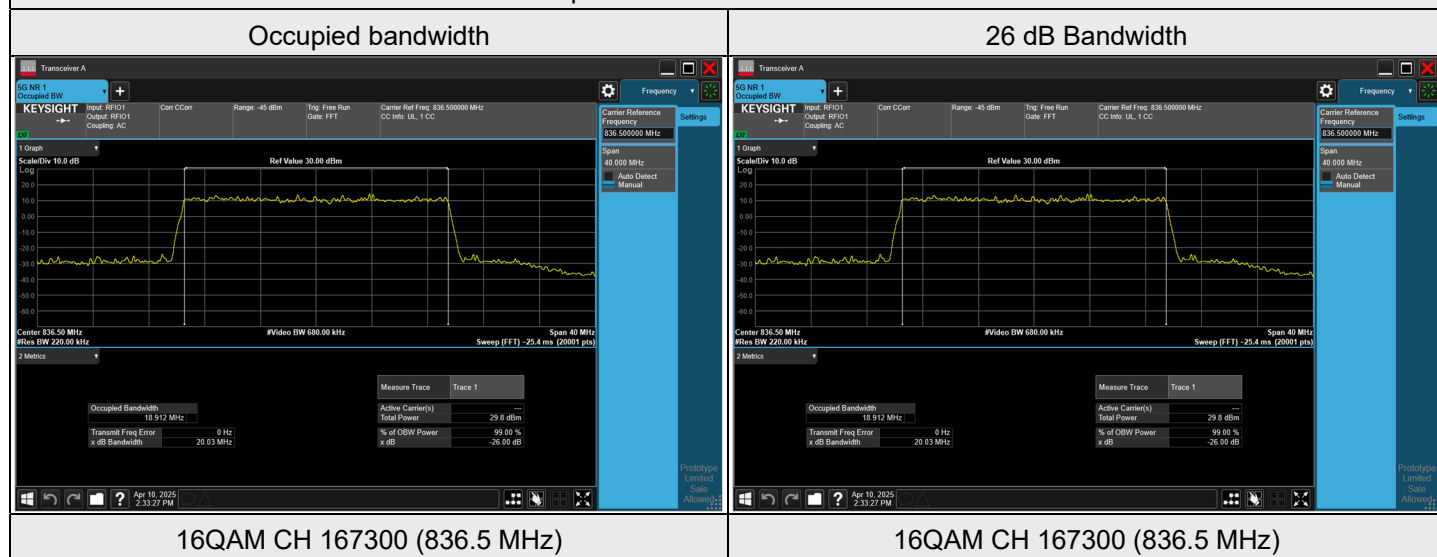
Spectrum Plot of Worst Value



NR n5 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	166800	834	18.785	18.76
BPSK	167300	836.5	18.794	18.79
BPSK	167800	839	18.800	18.88
QPSK	166800	834	18.821	19.84
QPSK	167300	836.5	18.848	19.92
QPSK	167800	839	18.841	19.92
16QAM	166800	834	18.864	19.89
16QAM	167300	836.5	18.912	20.03
16QAM	167800	839	18.857	19.80
64QAM	166800	834	18.880	19.88
64QAM	167300	836.5	18.888	19.99
64QAM	167800	839	18.906	19.94
256QAM	166800	834	18.837	19.89
256QAM	167300	836.5	18.853	19.88
256QAM	167800	839	18.873	19.92

Spectrum Plot of Worst Value

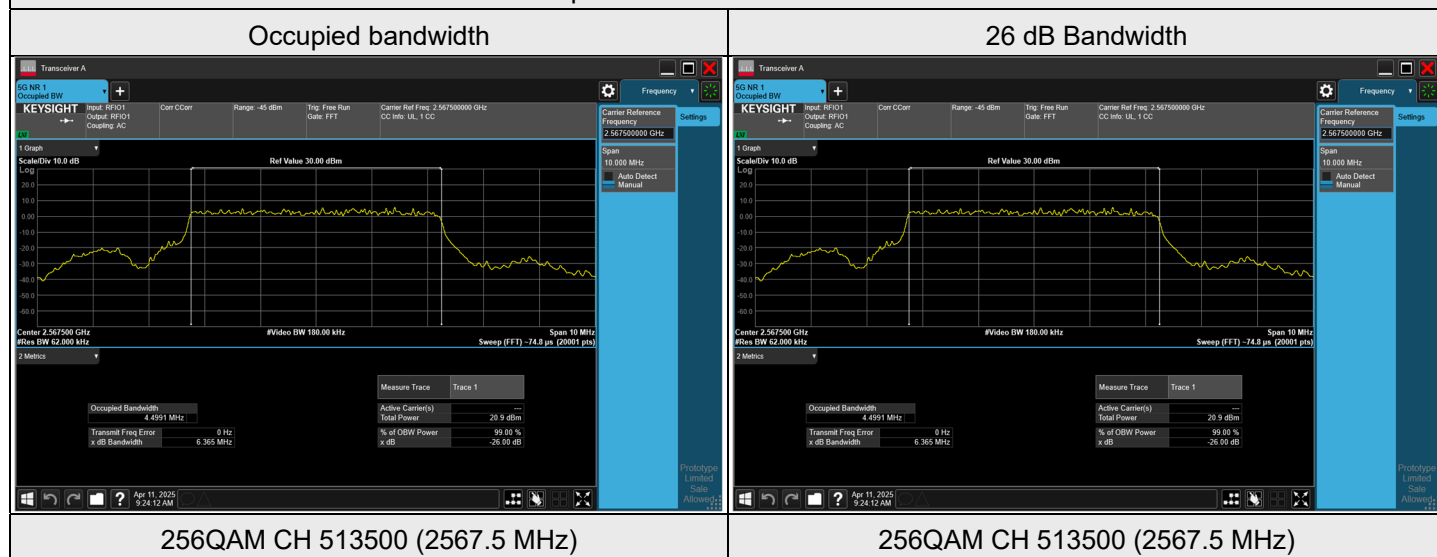


7.4.3 NR n7 SCS 15 kHz

NR n7 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	500500	2502.5	4.4831	5.038
BPSK	507000	2535	4.4970	6.147
BPSK	513500	2567.5	4.4792	5.044
QPSK	500500	2502.5	4.4711	5.163
QPSK	507000	2535	4.4871	5.074
QPSK	513500	2567.5	4.4892	5.133
16QAM	500500	2502.5	4.4872	5.356
16QAM	507000	2535	4.4672	5.011
16QAM	513500	2567.5	4.4695	5.092
64QAM	500500	2502.5	4.4777	5.154
64QAM	507000	2535	4.4597	5.055
64QAM	513500	2567.5	4.4606	5.035
256QAM	500500	2502.5	4.4863	5.067
256QAM	507000	2535	4.4874	5.037
256QAM	513500	2567.5	4.4991	6.365

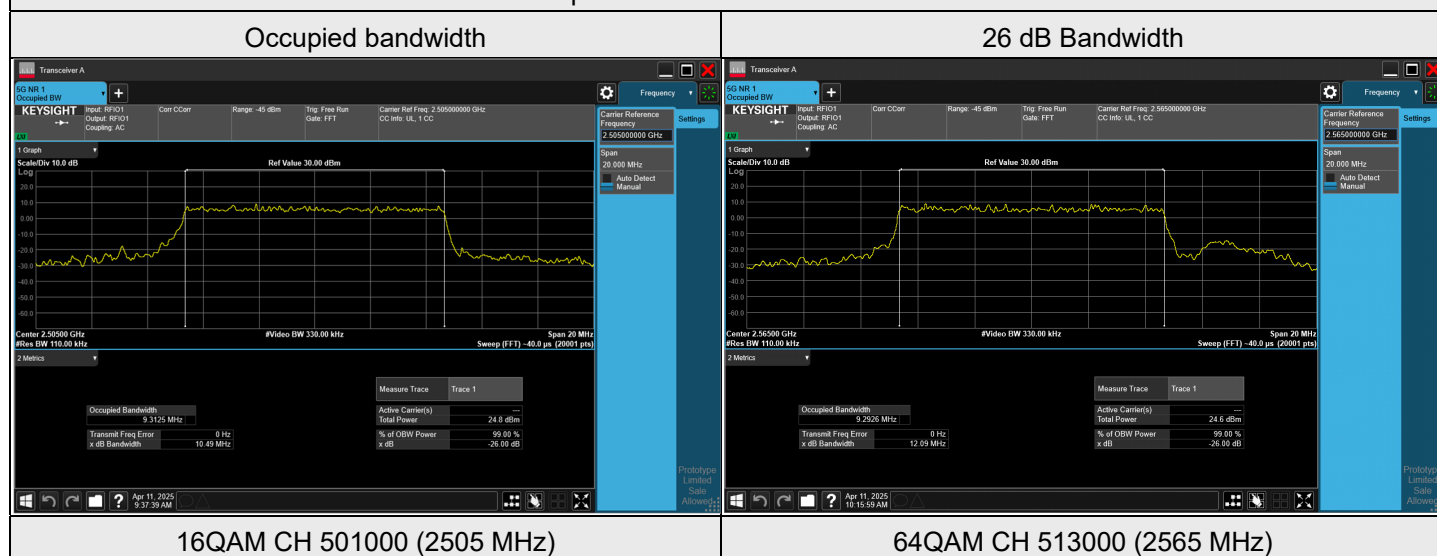
Spectrum Plot of Worst Value



NR n7 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	501000	2505	9.1980	10.16
BPSK	507000	2535	9.2150	11.72
BPSK	513000	2565	9.1783	9.762
QPSK	501000	2505	9.3121	10.96
QPSK	507000	2535	9.3010	11.22
QPSK	513000	2565	9.2842	10.16
16QAM	501000	2505	9.3125	10.49
16QAM	507000	2535	9.2845	10.53
16QAM	513000	2565	9.3047	10.70
64QAM	501000	2505	9.2868	9.996
64QAM	507000	2535	9.3025	10.06
64QAM	513000	2565	9.2926	12.09
256QAM	501000	2505	9.2760	9.947
256QAM	507000	2535	9.2984	10.19
256QAM	513000	2565	9.2904	10.06

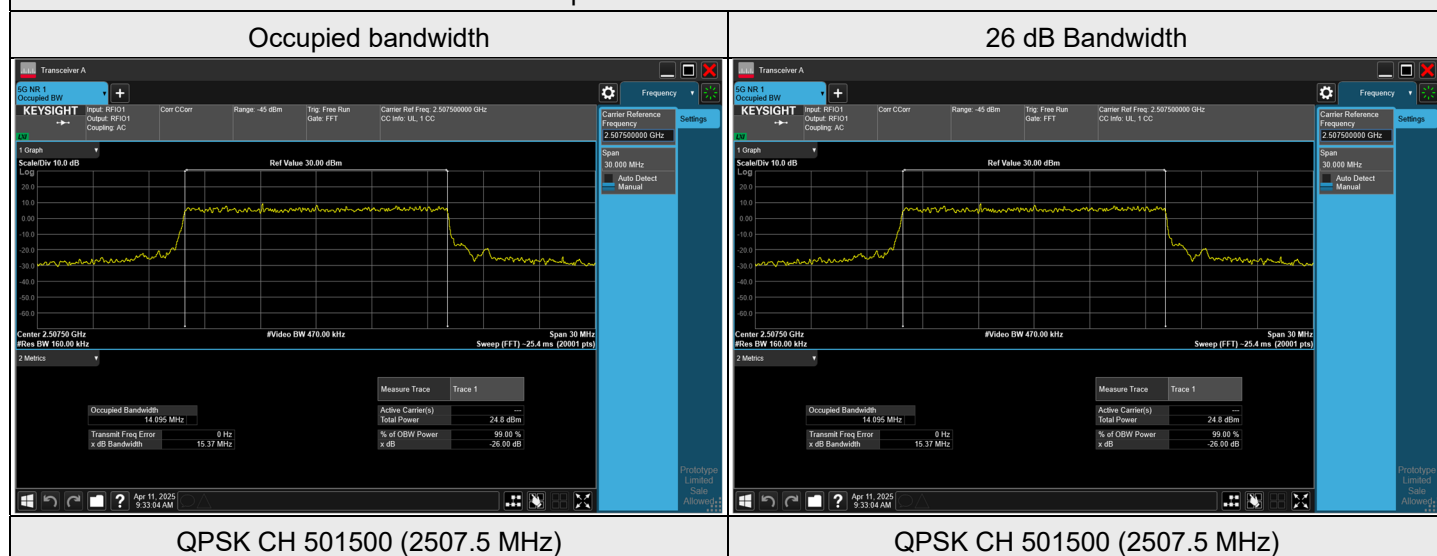
Spectrum Plot of Worst Value



NR n7 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	501500	2507.5	13.993	14.35
BPSK	507000	2535	13.995	14.25
BPSK	512500	2562.5	14.008	14.20
QPSK	501500	2507.5	14.095	15.37
QPSK	507000	2535	14.083	15.07
QPSK	512500	2562.5	14.080	15.08
16QAM	501500	2507.5	14.080	14.96
16QAM	507000	2535	14.077	14.93
16QAM	512500	2562.5	14.095	14.86
64QAM	501500	2507.5	14.089	15.27
64QAM	507000	2535	14.071	14.88
64QAM	512500	2562.5	14.089	14.91
256QAM	501500	2507.5	14.071	15.02
256QAM	507000	2535	14.065	14.92
256QAM	512500	2562.5	14.071	14.92

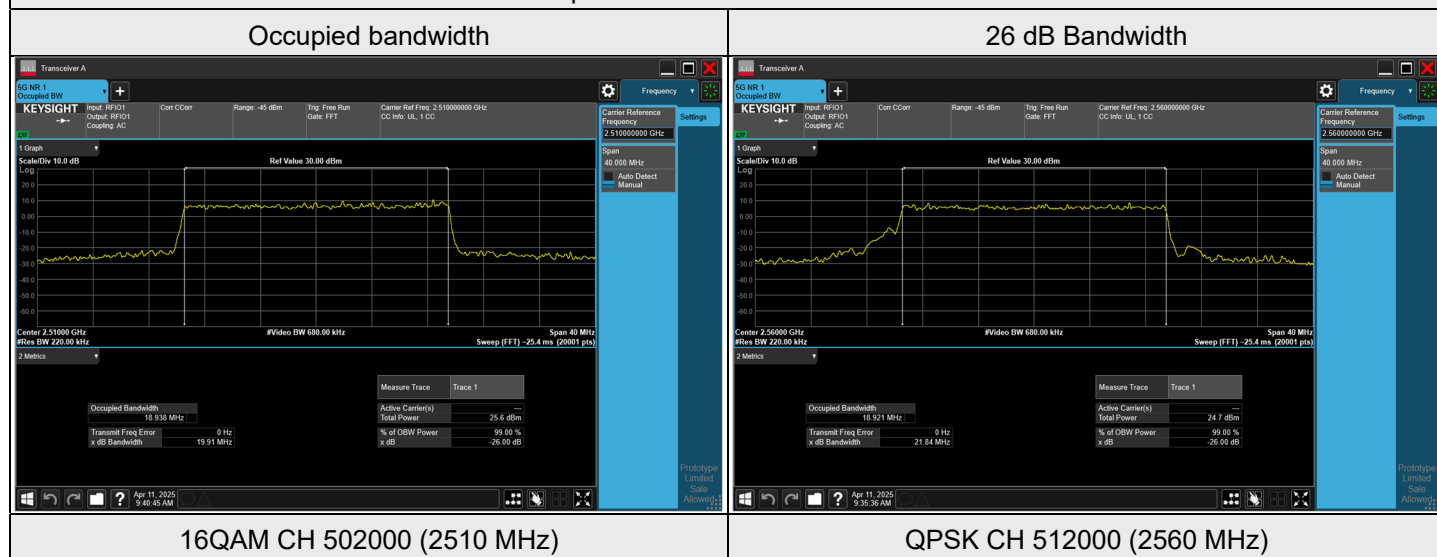
Spectrum Plot of Worst Value



NR n7 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	502000	2510	18.702	18.99
BPSK	507000	2535	18.729	18.85
BPSK	512000	2560	18.782	20.72
QPSK	502000	2510	18.852	19.90
QPSK	507000	2535	18.854	20.04
QPSK	512000	2560	18.921	21.84
16QAM	502000	2510	18.938	19.91
16QAM	507000	2535	18.921	19.99
16QAM	512000	2560	18.913	19.99
64QAM	502000	2510	18.909	19.86
64QAM	507000	2535	18.896	19.98
64QAM	512000	2560	18.900	19.94
256QAM	502000	2510	18.860	19.87
256QAM	507000	2535	18.861	19.91
256QAM	512000	2560	18.857	19.84

Spectrum Plot of Worst Value

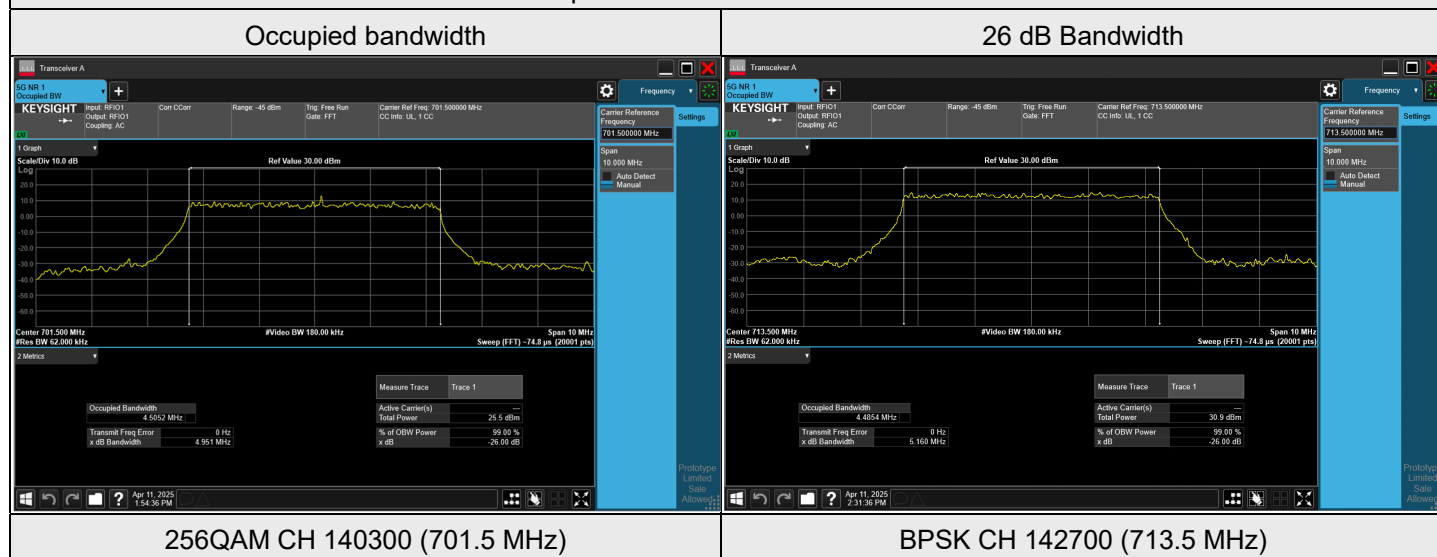


7.4.4 NR n12 SCS 15 kHz

NR n12 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	140300	701.5	4.4773	5.092
BPSK	141500	707.5	4.4833	5.141
BPSK	142700	713.5	4.4854	5.160
QPSK	140300	701.5	4.4675	5.088
QPSK	141500	707.5	4.4765	5.056
QPSK	142700	713.5	4.4801	5.031
16QAM	140300	701.5	4.4600	4.982
16QAM	141500	707.5	4.4573	5.023
16QAM	142700	713.5	4.4700	5.055
64QAM	140300	701.5	4.4743	4.984
64QAM	141500	707.5	4.4725	4.986
64QAM	142700	713.5	4.4738	5.012
256QAM	140300	701.5	4.5052	4.951
256QAM	141500	707.5	4.4872	5.038
256QAM	142700	713.5	4.4773	5.111

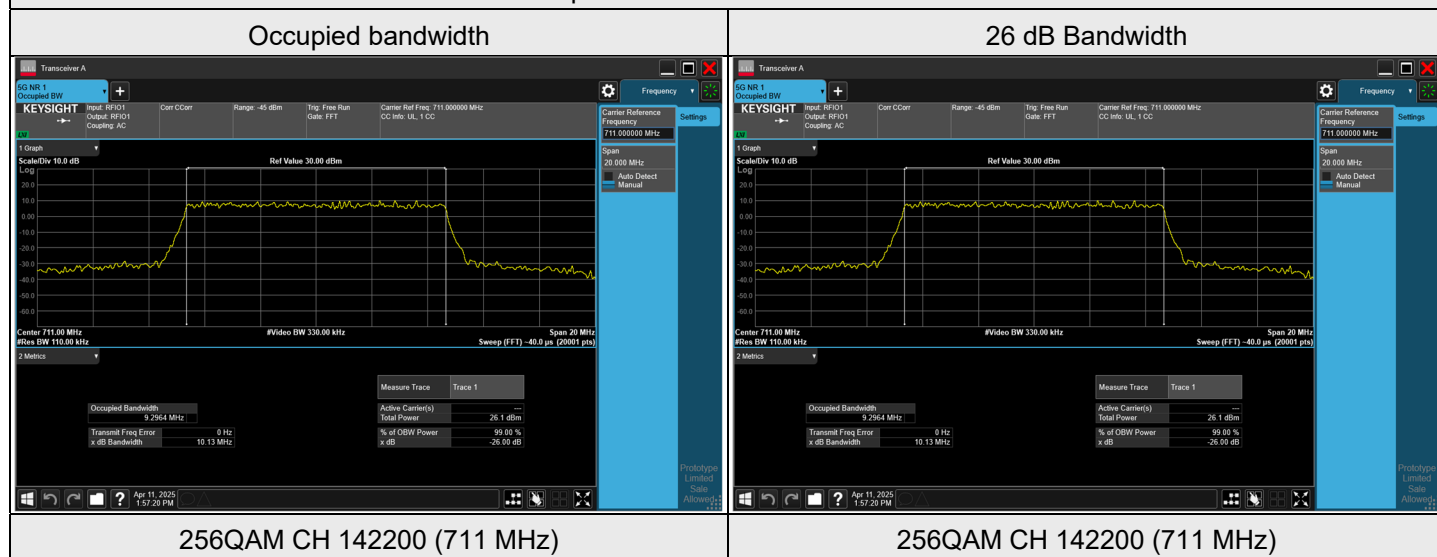
Spectrum Plot of Worst Value



NR n12 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	140800	704	9.1586	9.524
BPSK	141500	707.5	9.1827	9.572
BPSK	142200	711	9.1823	9.711
QPSK	140800	704	9.2789	10.00
QPSK	141500	707.5	9.2589	10.04
QPSK	142200	711	9.2864	10.05
16QAM	140800	704	9.2841	9.980
16QAM	141500	707.5	9.2785	10.03
16QAM	142200	711	9.2744	9.917
64QAM	140800	704	9.2608	10.07
64QAM	141500	707.5	9.2490	10.02
64QAM	142200	711	9.2565	10.01
256QAM	140800	704	9.2788	10.04
256QAM	141500	707.5	9.2680	9.929
256QAM	142200	711	9.2964	10.13

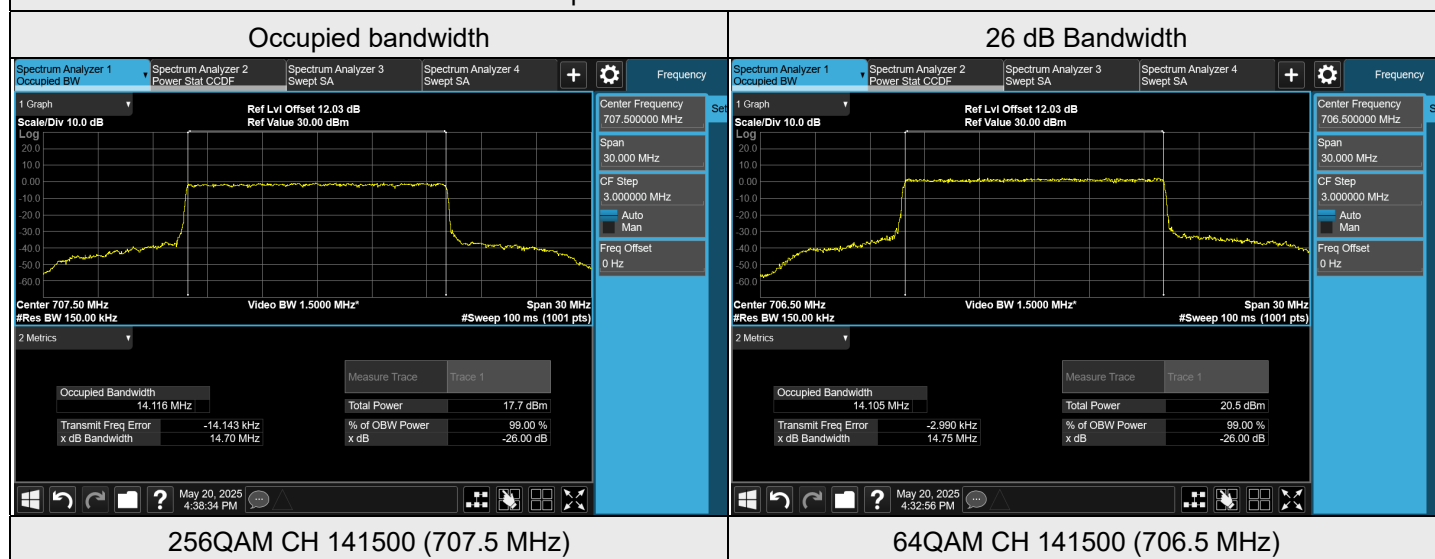
Spectrum Plot of Worst Value



NR n12 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	141300	706.5	13.394	13.91
BPSK	141500	707.5	13.408	13.96
BPSK	141700	708.5	13.404	13.97
QPSK	141300	706.5	14.103	14.73
QPSK	141500	707.5	14.115	14.69
QPSK	141700	708.5	14.108	14.73
16QAM	141300	706.5	14.085	14.66
16QAM	141500	707.5	14.009	14.72
16QAM	141700	708.5	14.092	14.68
64QAM	141300	706.5	14.105	14.75
64QAM	141500	707.5	14.101	14.74
64QAM	141700	708.5	14.098	14.64
256QAM	141300	706.5	14.100	14.7
256QAM	141500	707.5	14.116	14.7
256QAM	141700	708.5	14.095	14.68

Spectrum Plot of Worst Value

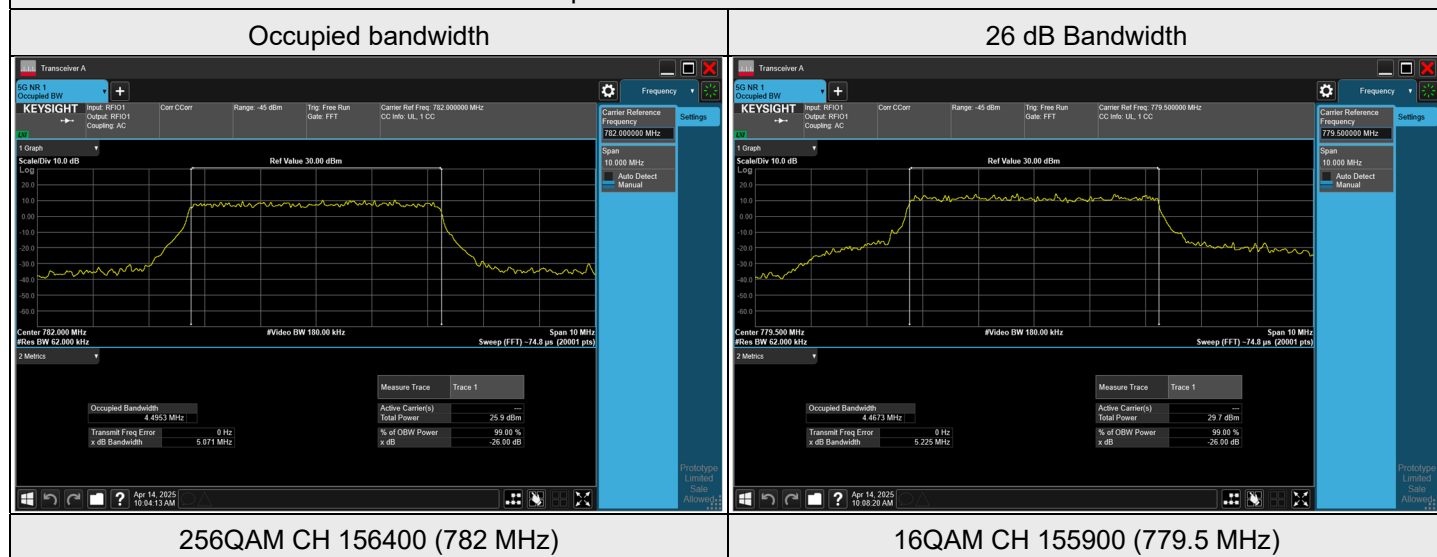


7.4.5 NR n13 SCS 15 kHz

NR n13 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	155900	779.5	4.4910	5.113
BPSK	156400	782	4.4754	5.034
BPSK	156900	784.5	4.4744	5.082
QPSK	155900	779.5	4.4754	5.122
QPSK	156400	782	4.4675	5.008
QPSK	156900	784.5	4.4780	4.938
16QAM	155900	779.5	4.4673	5.225
16QAM	156400	782	4.4545	5.033
16QAM	156900	784.5	4.4654	4.814
64QAM	155900	779.5	4.4654	5.021
64QAM	156400	782	4.4692	5.066
64QAM	156900	784.5	4.4603	4.838
256QAM	155900	779.5	4.4682	5.002
256QAM	156400	782	4.4953	5.071
256QAM	156900	784.5	4.4652	5.112

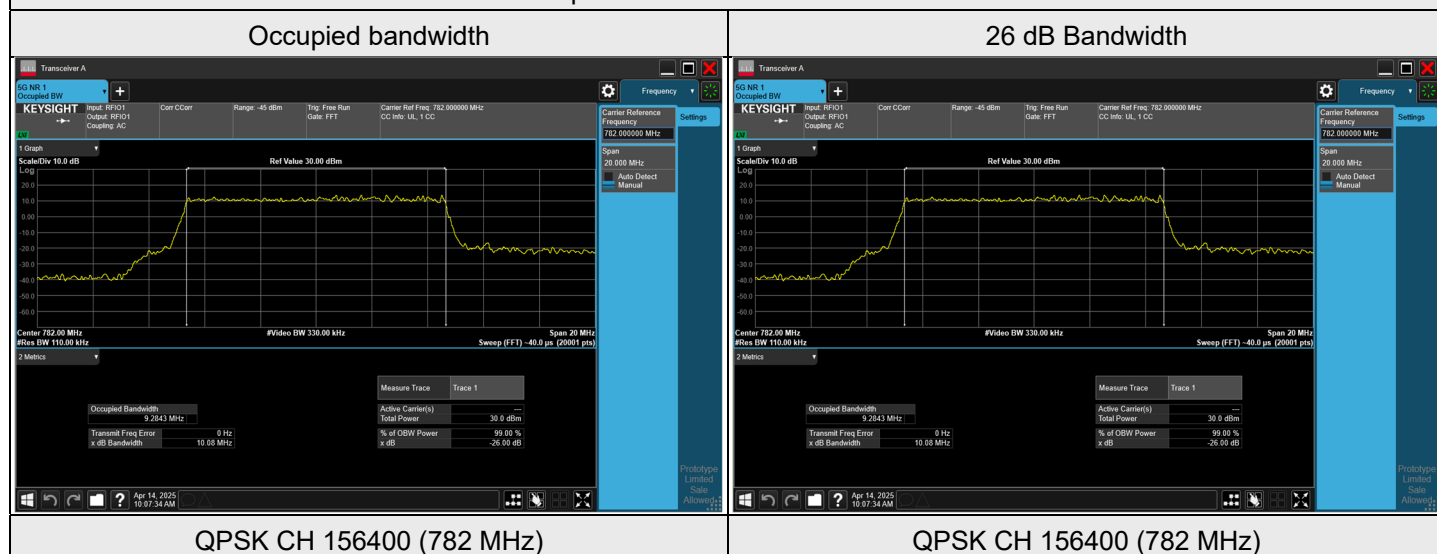
Spectrum Plot of Worst Value



NR n13 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	156400	782	9.1569	9.723
QPSK	156400	782	9.2843	10.08
16QAM	156400	782	9.2668	9.945
64QAM	156400	782	9.2483	9.973
256QAM	156400	782	9.2710	10.00

Spectrum Plot of Worst Value

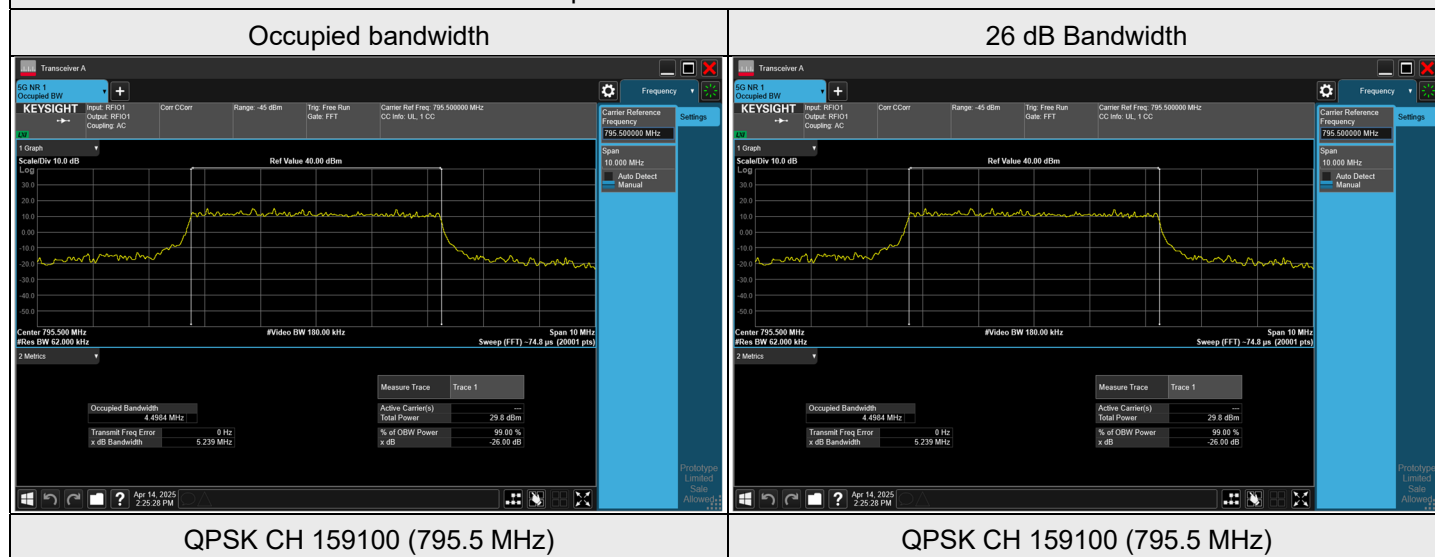


7.4.6 NR n14 SCS 15 kHz

NR n14 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	158100	790.5	4.4894	5.025
BPSK	158600	793	4.4690	5.028
BPSK	159100	795.5	4.4815	5.164
QPSK	158100	790.5	4.4751	5.033
QPSK	158600	793	4.4664	5.050
QPSK	159100	795.5	4.4984	5.239
16QAM	158100	790.5	4.4663	5.231
16QAM	158600	793	4.4632	5.079
16QAM	159100	795.5	4.4845	4.998
64QAM	158100	790.5	4.4681	5.004
64QAM	158600	793	4.4743	4.994
64QAM	159100	795.5	4.4671	4.811
256QAM	158100	790.5	4.4864	5.070
256QAM	158600	793	4.4872	4.999
256QAM	159100	795.5	4.4831	5.059

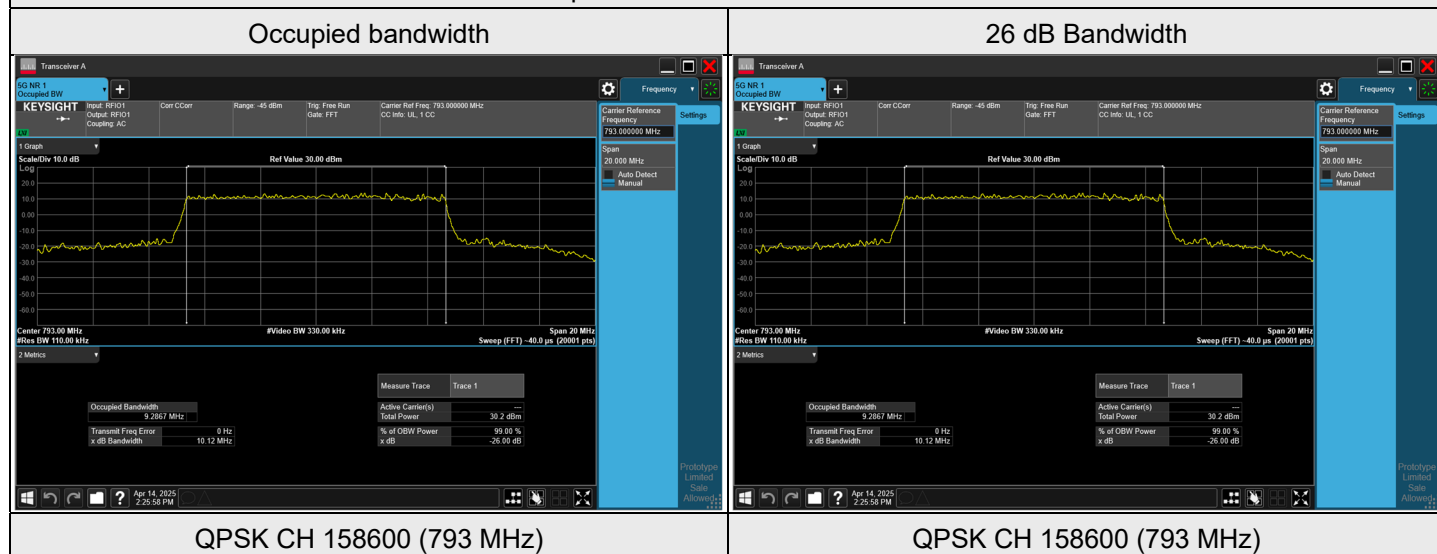
Spectrum Plot of Worst Value



NR n14 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	158600	793	9.1910	9.765
QPSK	158600	793	9.2867	10.12
16QAM	158600	793	9.2724	9.913
64QAM	158600	793	9.2422	9.963
256QAM	158600	793	9.2746	10.08

Spectrum Plot of Worst Value

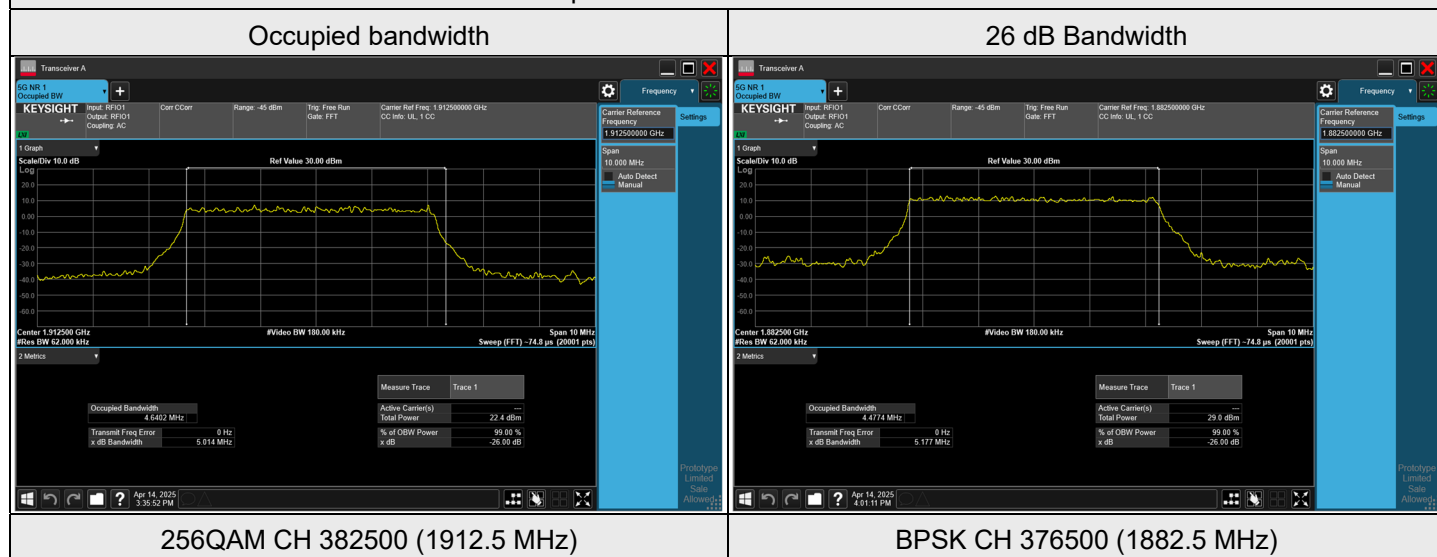


7.4.7 NR n25 SCS 15 kHz

NR n25 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	370500	1852.5	4.5072	5.129
BPSK	376500	1882.5	4.4774	5.177
BPSK	382500	1912.5	4.6284	5.111
QPSK	370500	1852.5	4.4715	5.081
QPSK	376500	1882.5	4.4911	5.036
QPSK	382500	1912.5	4.6254	4.979
16QAM	370500	1852.5	4.4642	5.085
16QAM	376500	1882.5	4.4674	5.122
16QAM	382500	1912.5	4.6062	5.138
64QAM	370500	1852.5	4.4670	4.966
64QAM	376500	1882.5	4.4721	4.972
64QAM	382500	1912.5	4.6323	5.057
256QAM	370500	1852.5	4.4823	5.063
256QAM	376500	1882.5	4.4713	5.061
256QAM	382500	1912.5	4.6402	5.014

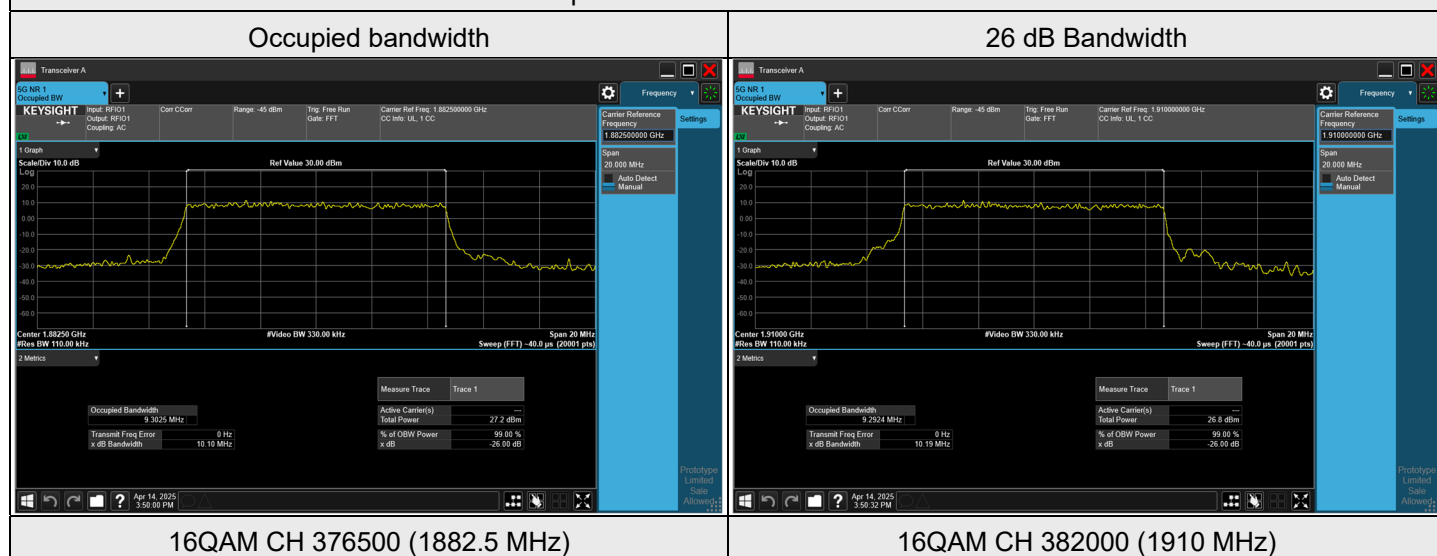
Spectrum Plot of Worst Value



NR n25 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	371000	1855	9.1805	9.798
BPSK	376500	1882.5	9.2001	9.913
BPSK	382000	1910	9.1987	9.717
QPSK	371000	1855	9.2707	10.14
QPSK	376500	1882.5	9.2782	10.16
QPSK	382000	1910	9.2724	10.08
16QAM	371000	1855	9.2868	10.03
16QAM	376500	1882.5	9.3025	10.10
16QAM	382000	1910	9.2924	10.19
64QAM	371000	1855	9.2567	9.914
64QAM	376500	1882.5	9.2606	9.932
64QAM	382000	1910	9.2706	10.12
256QAM	371000	1855	9.2869	10.04
256QAM	376500	1882.5	9.2808	10.00
256QAM	382000	1910	9.2921	10.14

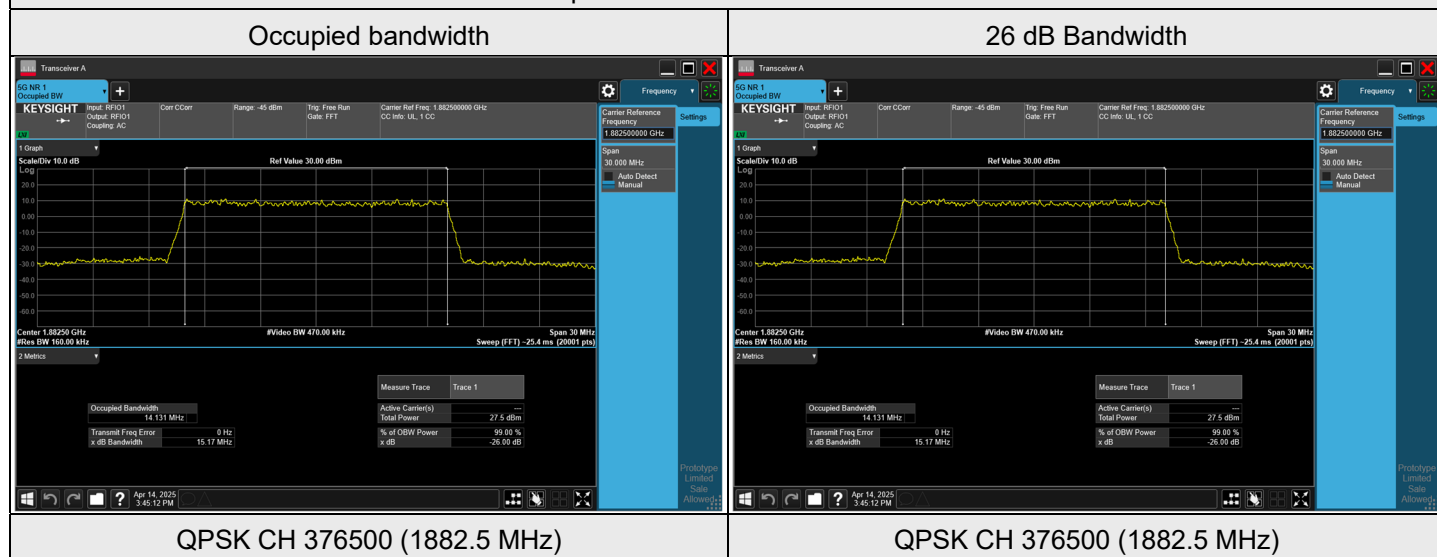
Spectrum Plot of Worst Value



NR n25 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	371500	1857.5	13.977	14.25
BPSK	376500	1882.5	14.004	14.33
BPSK	381500	1907.5	14.040	14.34
QPSK	371500	1857.5	14.089	15.06
QPSK	376500	1882.5	14.131	15.17
QPSK	381500	1907.5	14.089	14.94
16QAM	371500	1857.5	14.094	14.98
16QAM	376500	1882.5	14.100	14.98
16QAM	381500	1907.5	14.088	14.96
64QAM	371500	1857.5	14.041	14.84
64QAM	376500	1882.5	14.053	14.92
64QAM	381500	1907.5	14.076	15.01
256QAM	371500	1857.5	14.083	15.02
256QAM	376500	1882.5	14.079	15.01
256QAM	381500	1907.5	14.089	14.92

Spectrum Plot of Worst Value



NR n25 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	372000	1860	18.717	18.78
BPSK	376500	1882.5	18.818	20.00
BPSK	381000	1905	18.796	18.78
QPSK	372000	1860	18.874	20.00
QPSK	376500	1882.5	18.873	19.97
QPSK	381000	1905	18.869	19.84
16QAM	372000	1860	18.892	19.88
16QAM	376500	1882.5	18.925	19.84
16QAM	381000	1905	18.920	19.91
64QAM	372000	1860	18.865	19.94
64QAM	376500	1882.5	18.936	21.28
64QAM	381000	1905	18.910	19.94
256QAM	372000	1860	18.836	19.90
256QAM	376500	1882.5	18.889	19.96
256QAM	381000	1905	18.873	19.94

Spectrum Plot of Worst Value

