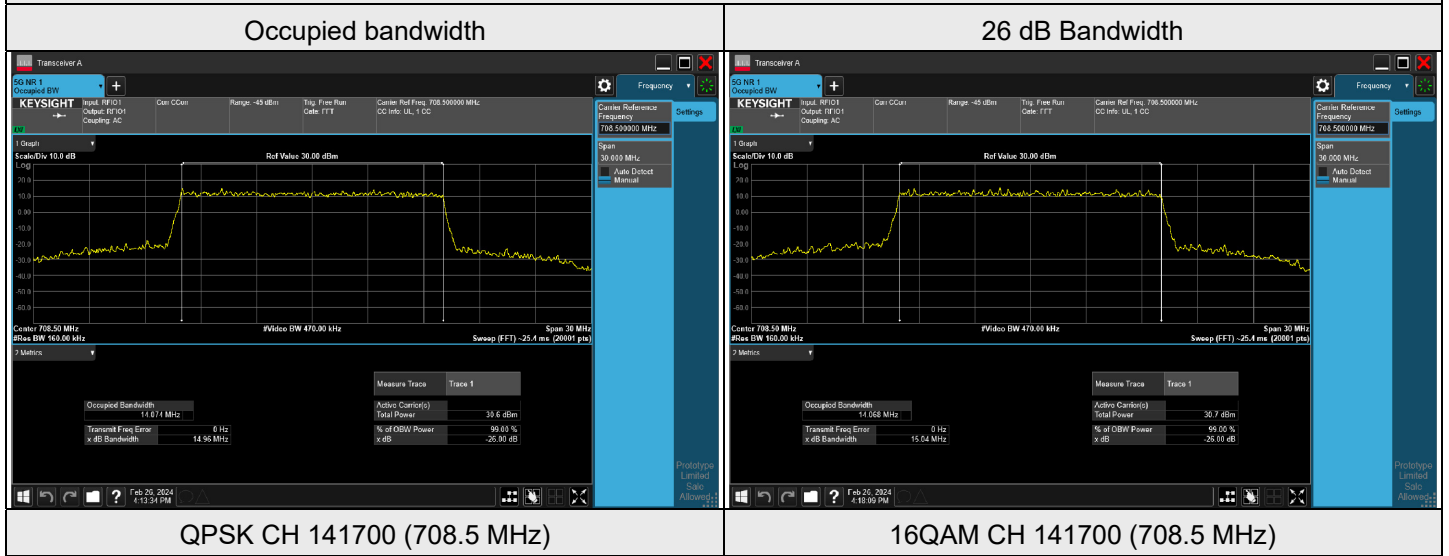


**NR n12 SCS 15 kHz - Ant 0, Channel Bandwidth: 15 MHz**

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	141300	706.5	13.983	14.25
BPSK	141500	707.5	14.017	14.38
BPSK	141700	708.5	14.002	14.25
QPSK	141300	706.5	14.050	14.95
QPSK	141500	707.5	14.055	14.92
QPSK	141700	708.5	14.074	14.96
16QAM	141300	706.5	14.068	14.97
16QAM	141500	707.5	14.068	14.91
16QAM	141700	708.5	14.068	15.04
64QAM	141300	706.5	14.026	14.84
64QAM	141500	707.5	14.034	14.94
64QAM	141700	708.5	14.014	14.72
256QAM	141300	706.5	14.070	14.87
256QAM	141500	707.5	14.073	14.88
256QAM	141700	708.5	14.065	14.97

**Spectrum Plot of Worst Value**

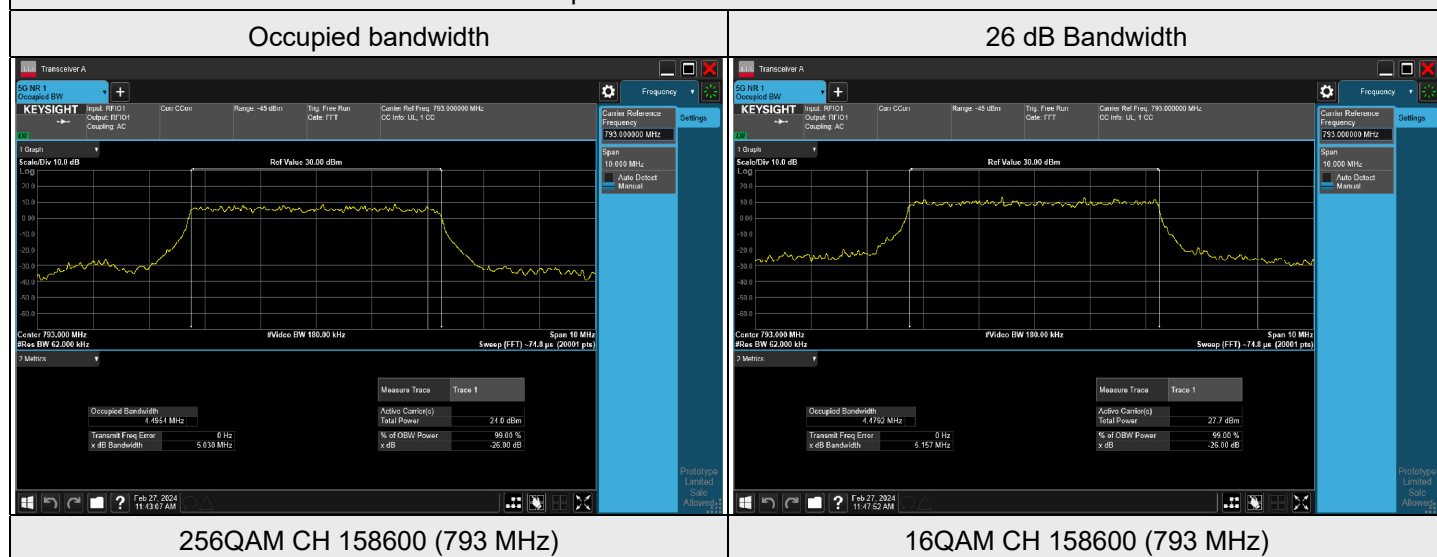


7.4.5 NR n14 SCS 15 kHz

NR n14 SCS 15 kHz - Ant 0, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	158100	790.5	4.4821	5.064
BPSK	158600	793	4.4671	5.017
BPSK	159100	795.5	4.4793	5.134
QPSK	158100	790.5	4.4810	5.064
QPSK	158600	793	4.4713	4.924
QPSK	159100	795.5	4.4823	5.036
16QAM	158100	790.5	4.4794	5.093
16QAM	158600	793	4.4792	5.157
16QAM	159100	795.5	4.4733	5.092
64QAM	158100	790.5	4.4620	4.890
64QAM	158600	793	4.4694	4.958
64QAM	159100	795.5	4.4600	4.810
256QAM	158100	790.5	4.4935	5.070
256QAM	158600	793	4.4954	5.030
256QAM	159100	795.5	4.4772	5.088

Spectrum Plot of Worst Value

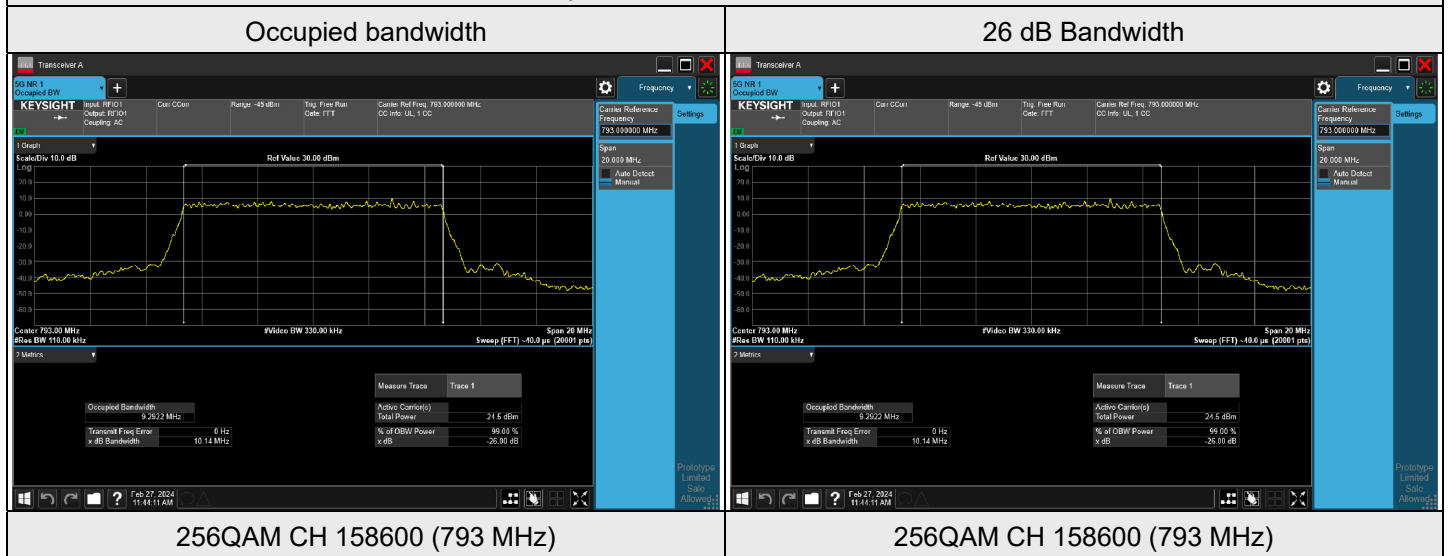




NR n14 SCS 15 kHz - Ant 0, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	158600	793	9.1822	9.676
QPSK	158600	793	9.2745	9.951
16QAM	158600	793	9.2829	9.955
64QAM	158600	793	9.2507	9.921
256QAM	158600	793	9.2922	10.14

Spectrum Plot of Worst Value



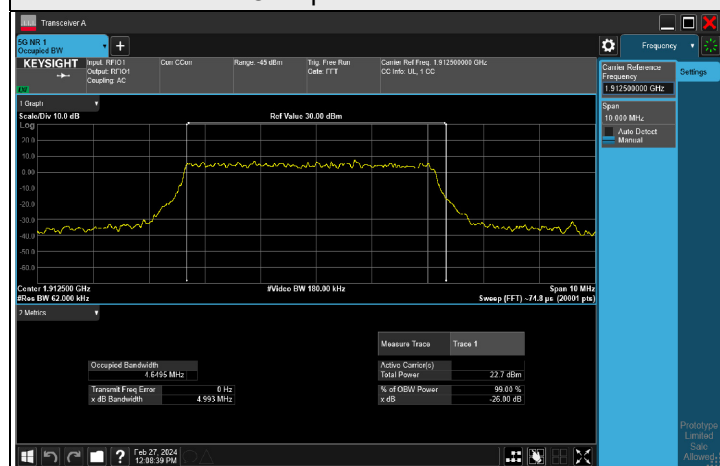
7.4.6 NR n25 SCS 15 kHz

NR n25 SCS 15 kHz - Ant 0, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	370500	1852.5	4.4892	5.127
BPSK	376500	1882.5	4.4815	5.154
BPSK	382480	1912.4	4.6333	5.010
QPSK	370500	1852.5	4.4722	4.940
QPSK	376500	1882.5	4.4863	5.090
QPSK	382480	1912.4	4.6241	4.984
16QAM	370500	1852.5	4.4855	5.210
16QAM	376500	1882.5	4.4645	5.177
16QAM	382480	1912.4	4.6135	5.147
64QAM	370500	1852.5	4.4745	4.968
64QAM	376500	1882.5	4.4661	4.909
64QAM	382480	1912.4	4.6481	5.016
256QAM	370500	1852.5	4.4810	5.059
256QAM	376500	1882.5	4.4733	5.080
256QAM	382480	1912.4	4.6495	4.993

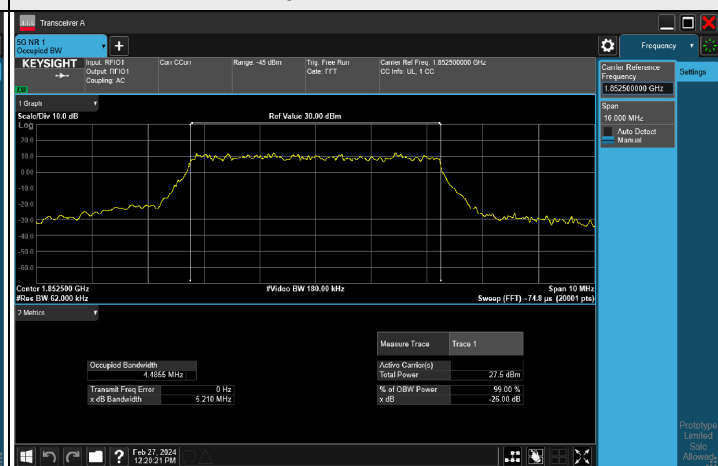
Spectrum Plot of Worst Value

Occupied bandwidth



256QAM CH 382480 (1912.4 MHz)

26 dB Bandwidth

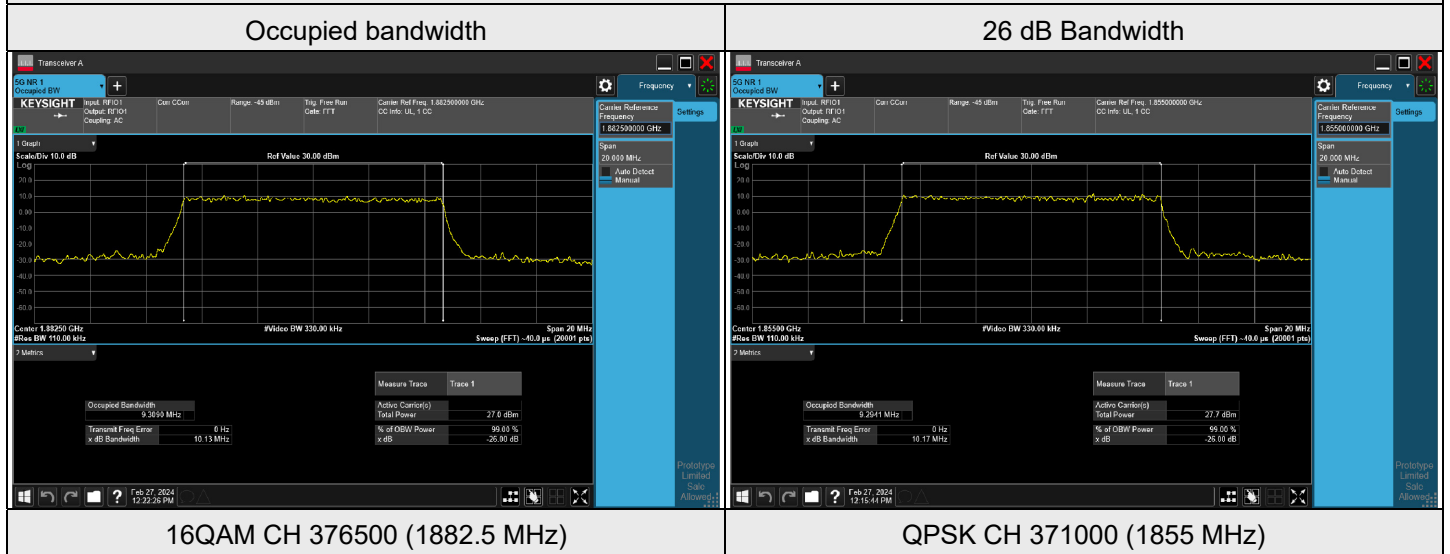


16QAM CH 370500 (1852.5 MHz)

NR n25 SCS 15 kHz - Ant 0, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	371000	1855	9.2264	9.652
BPSK	376500	1882.5	9.2044	9.602
BPSK	382000	1910	9.1740	9.697
QPSK	371000	1855	9.2941	10.17
QPSK	376500	1882.5	9.2861	10.09
QPSK	382000	1910	9.2946	10.04
16QAM	371000	1855	9.2930	10.03
16QAM	376500	1882.5	9.3090	10.13
16QAM	382000	1910	9.2820	9.915
64QAM	371000	1855	9.2645	10.05
64QAM	376500	1882.5	9.2702	10.02
64QAM	382000	1910	9.2704	10.15
256QAM	371000	1855	9.2929	10.11
256QAM	376500	1882.5	9.2900	9.967
256QAM	382000	1910	9.2845	9.970

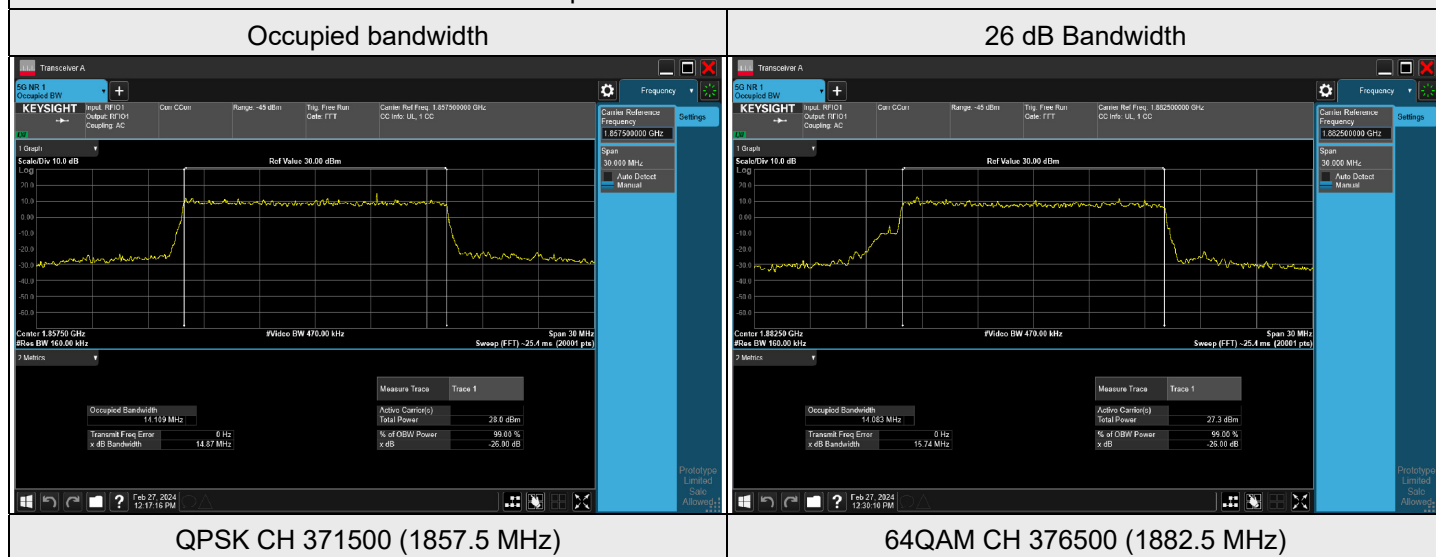
Spectrum Plot of Worst Value



NR n25 SCS 15 kHz - Ant 0, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	371500	1857.5	14.037	14.33
BPSK	376500	1882.5	14.040	14.43
BPSK	381500	1907.5	14.028	14.37
QPSK	371500	1857.5	14.109	14.87
QPSK	376500	1882.5	14.097	14.90
QPSK	381500	1907.5	14.080	14.81
16QAM	371500	1857.5	14.104	15.10
16QAM	376500	1882.5	14.086	15.06
16QAM	381500	1907.5	14.067	15.02
64QAM	371500	1857.5	14.059	14.78
64QAM	376500	1882.5	14.083	15.74
64QAM	381500	1907.5	14.041	14.98
256QAM	371500	1857.5	14.088	14.97
256QAM	376500	1882.5	14.085	14.91
256QAM	381500	1907.5	14.059	14.92

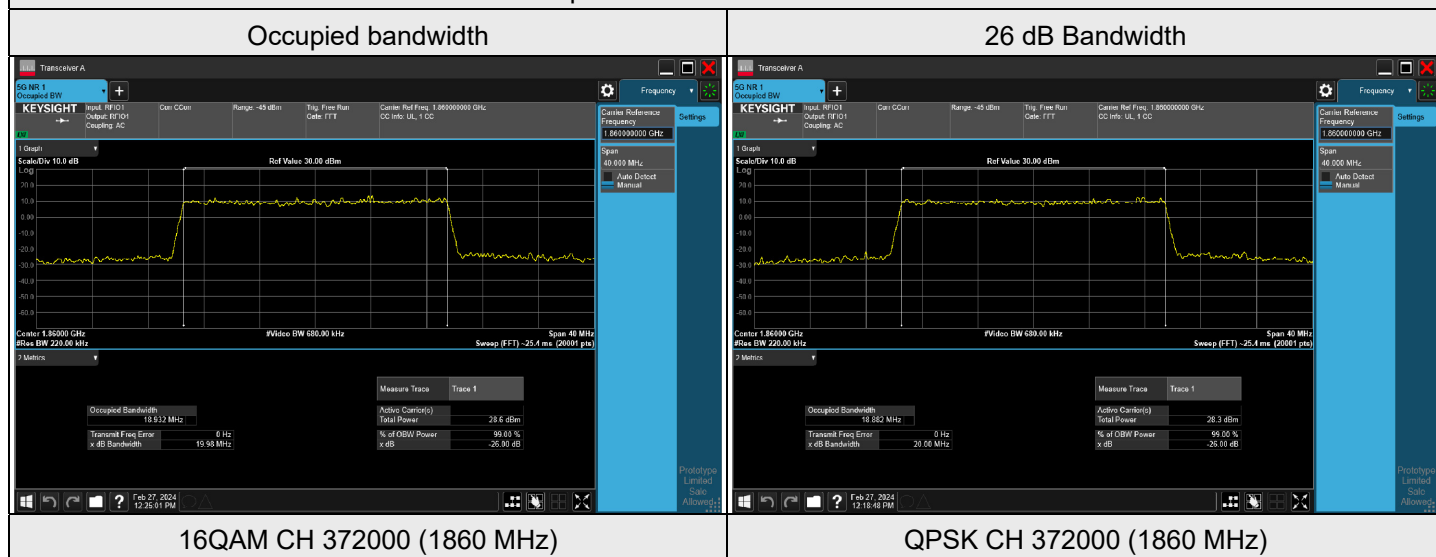
Spectrum Plot of Worst Value



NR n25 SCS 15 kHz - Ant 0, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	372000	1860	18.765	18.86
BPSK	376500	1882.5	18.802	18.96
BPSK	381000	1905	18.680	18.79
QPSK	372000	1860	18.882	20.00
QPSK	376500	1882.5	18.856	19.82
QPSK	381000	1905	18.826	19.94
16QAM	372000	1860	18.932	19.98
16QAM	376500	1882.5	18.898	19.89
16QAM	381000	1905	18.897	19.98
64QAM	372000	1860	18.918	19.95
64QAM	376500	1882.5	18.921	19.92
64QAM	381000	1905	18.881	19.95
256QAM	372000	1860	18.881	19.94
256QAM	376500	1882.5	18.890	19.96
256QAM	381000	1905	18.881	19.80

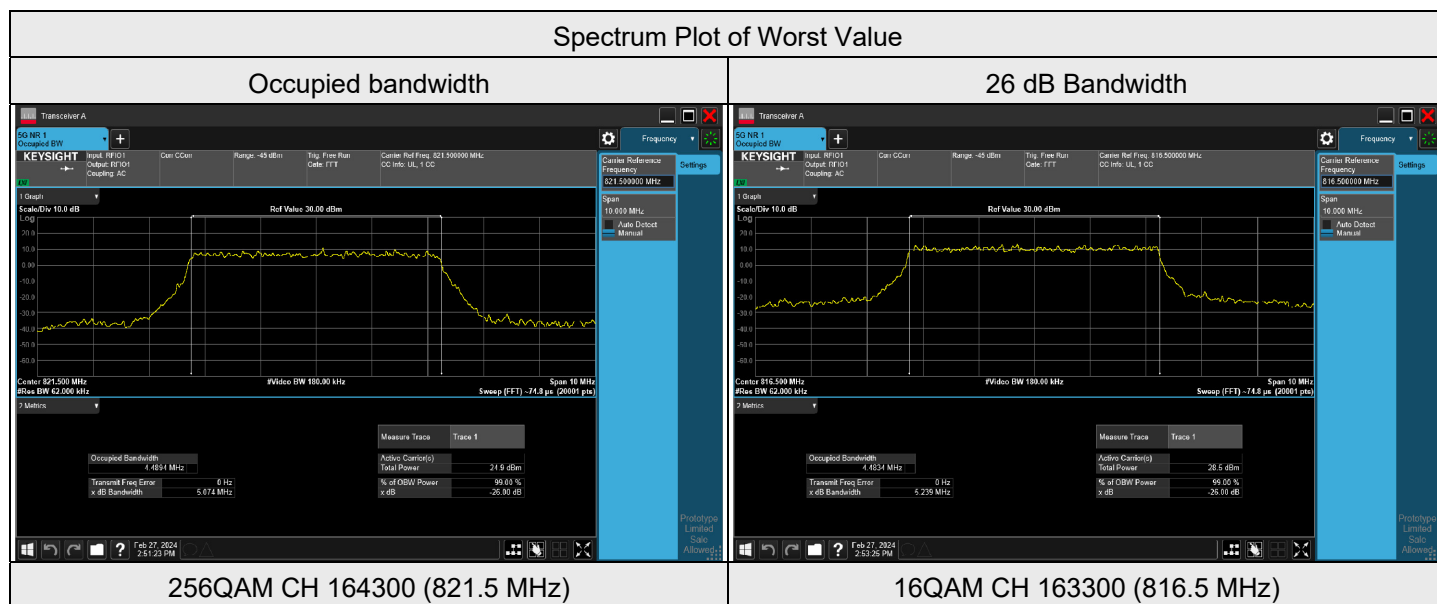
Spectrum Plot of Worst Value



7.4.7 NR n26 SCS 15 kHz (814 MHz ~ 824 MHz)

NR n26 SCS 15 kHz (814 MHz ~ 824 MHz) - Ant 0, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	163300	816.5	4.4775	4.939
BPSK	163800	819	4.4795	5.124
BPSK	164300	821.5	4.4784	5.062
QPSK	163300	816.5	4.4752	5.027
QPSK	163800	819	4.4772	5.039
QPSK	164300	821.5	4.4752	5.015
16QAM	163300	816.5	4.4834	5.239
16QAM	163800	819	4.4822	5.025
16QAM	164300	821.5	4.4731	4.910
64QAM	163300	816.5	4.4653	5.002
64QAM	163800	819	4.4592	4.938
64QAM	164300	821.5	4.4571	4.930
256QAM	163300	816.5	4.4745	5.004
256QAM	163800	819	4.4863	5.054
256QAM	164300	821.5	4.4894	5.074



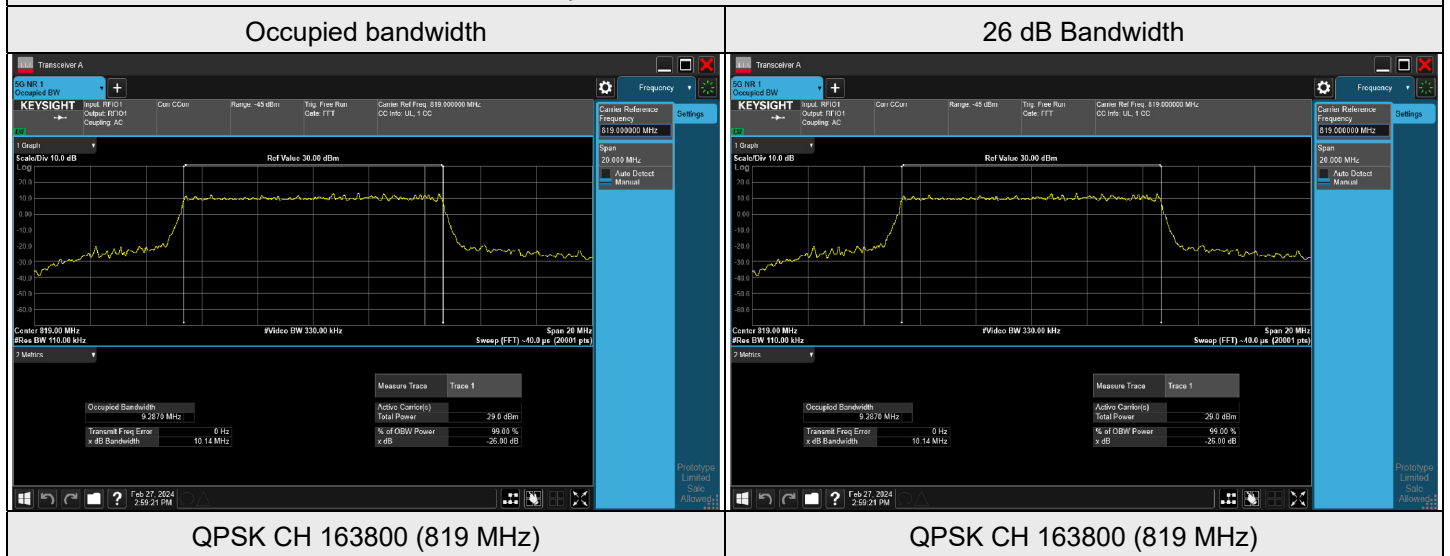




NR n26 SCS 15 kHz (814 MHz ~ 824 MHz) - Ant 0, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	163800	819	9.1625	9.743
QPSK	163800	819	9.2870	10.14
16QAM	163800	819	9.2804	10.06
64QAM	163800	819	9.2562	9.867
256QAM	163800	819	9.2706	9.902

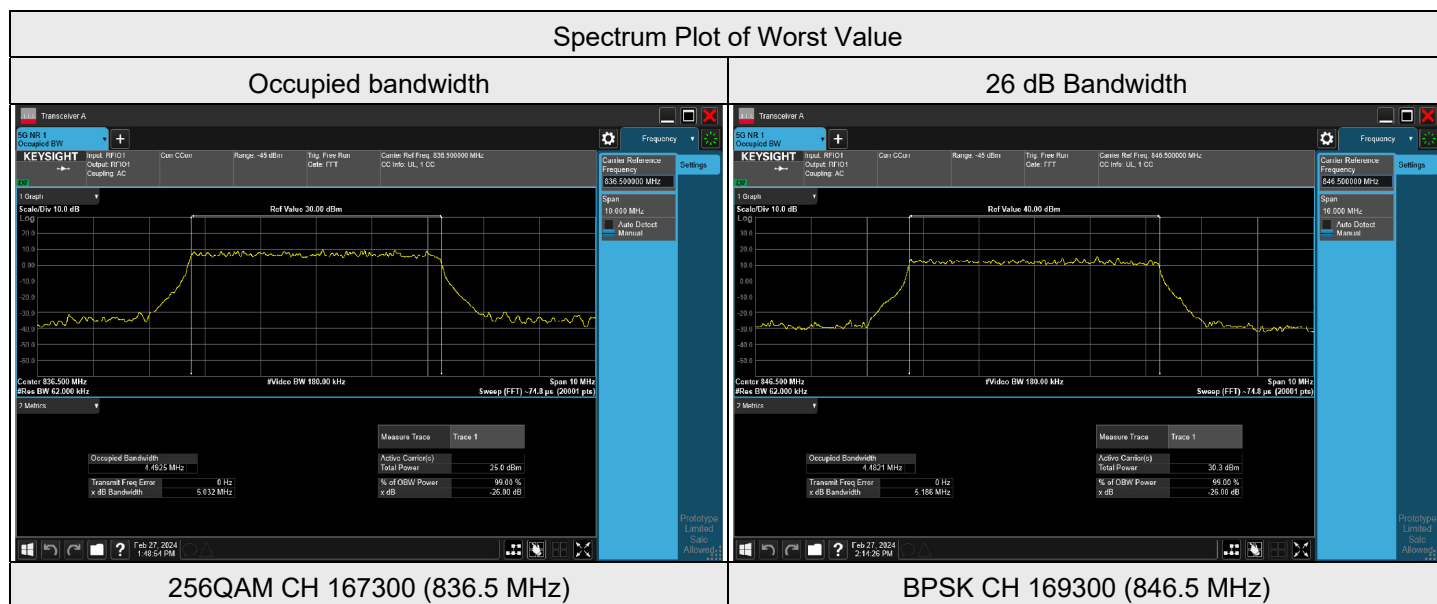
Spectrum Plot of Worst Value



7.4.8 NR n26 SCS 15 kHz (824 MHz ~ 849 MHz)

NR n26 SCS 15 kHz (824 MHz ~ 849 MHz) - Ant 0, Channel Bandwidth: 5 MHz

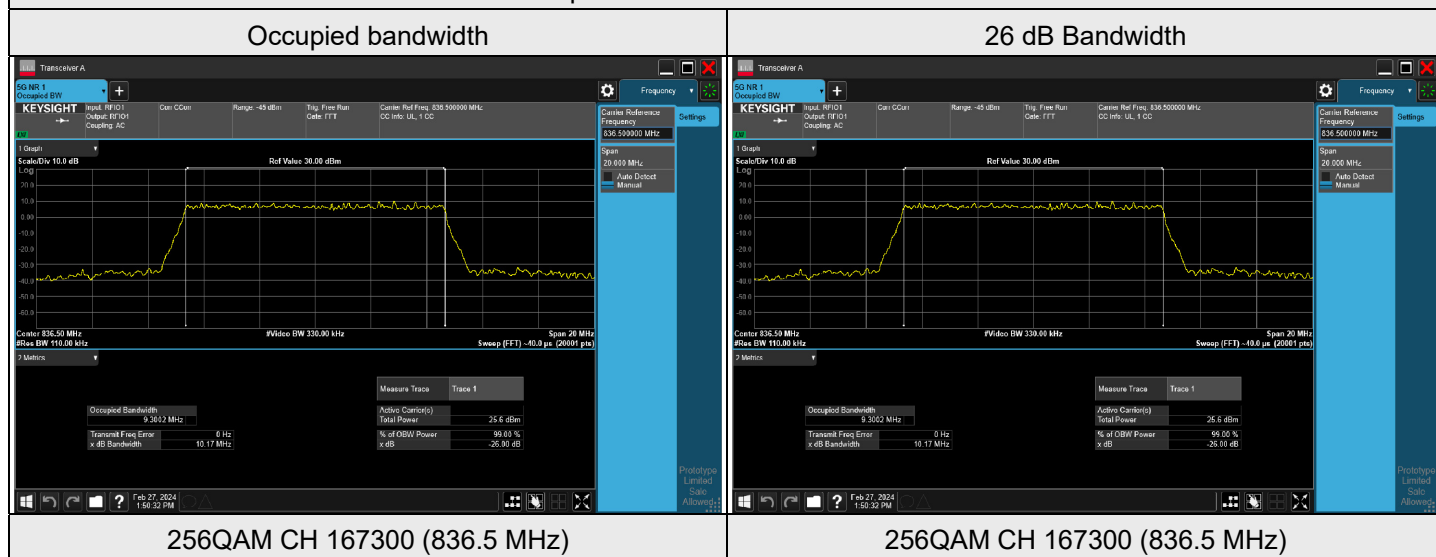
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	165300	826.5	4.4821	5.141
BPSK	167300	836.5	4.4704	5.053
BPSK	169300	846.5	4.4821	5.186
QPSK	165300	826.5	4.4870	5.021
QPSK	167300	836.5	4.4691	4.952
QPSK	169300	846.5	4.4843	4.951
16QAM	165300	826.5	4.4733	5.085
16QAM	167300	836.5	4.4792	5.168
16QAM	169300	846.5	4.4703	5.099
64QAM	165300	826.5	4.4643	5.147
64QAM	167300	836.5	4.4624	4.984
64QAM	169300	846.5	4.4632	4.808
256QAM	165300	826.5	4.4791	5.142
256QAM	167300	836.5	4.4925	5.032
256QAM	169300	846.5	4.4924	5.077



NR n26 SCS 15 kHz (824 MHz ~ 849 MHz) - Ant 0, Channel Bandwidth: 10 MHz

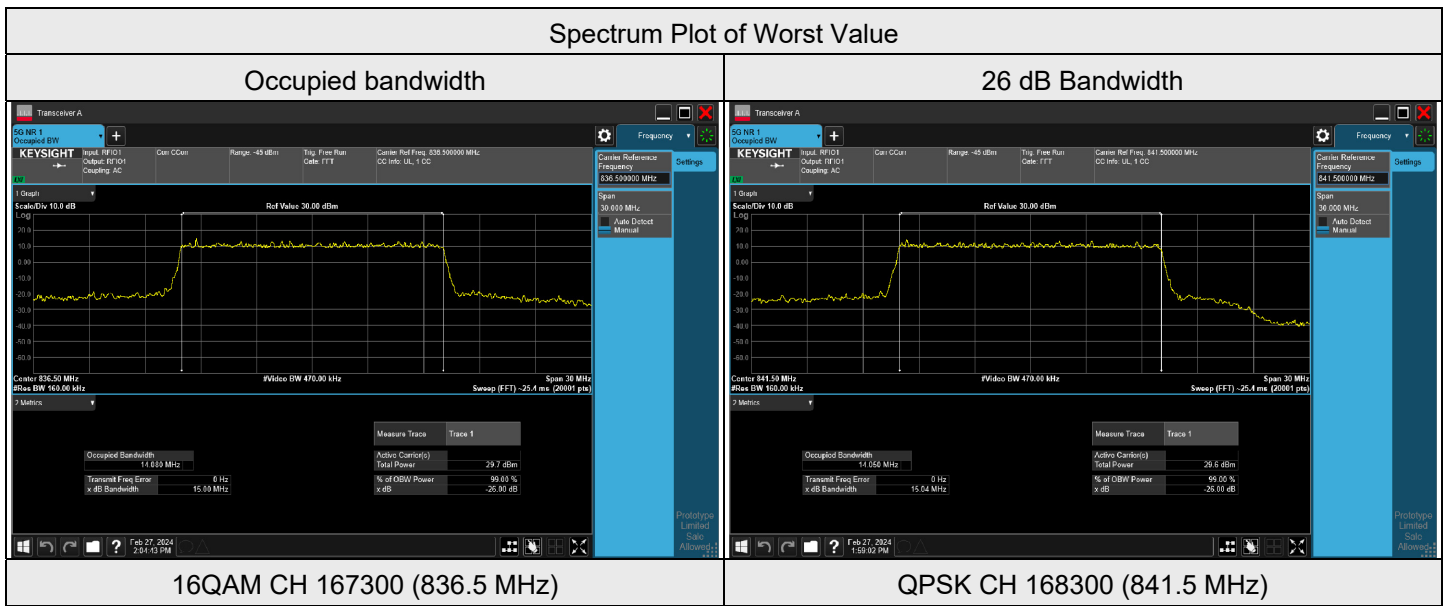
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	165800	829	9.1843	9.577
BPSK	167300	836.5	9.2128	9.695
BPSK	168800	844	9.1827	9.612
QPSK	165800	829	9.2803	9.982
QPSK	167300	836.5	9.2744	9.966
QPSK	168800	844	9.2706	10.02
16QAM	165800	829	9.2803	9.996
16QAM	167300	836.5	9.2761	9.907
16QAM	168800	844	9.2783	9.963
64QAM	165800	829	9.2605	10.10
64QAM	167300	836.5	9.2581	10.08
64QAM	168800	844	9.2487	9.891
256QAM	165800	829	9.2946	10.08
256QAM	167300	836.5	9.3002	10.17
256QAM	168800	844	9.2820	10.15

Spectrum Plot of Worst Value



**NR n26 SCS 15 kHz (824 MHz ~ 849 MHz) - Ant 0, Channel Bandwidth: 15 MHz**

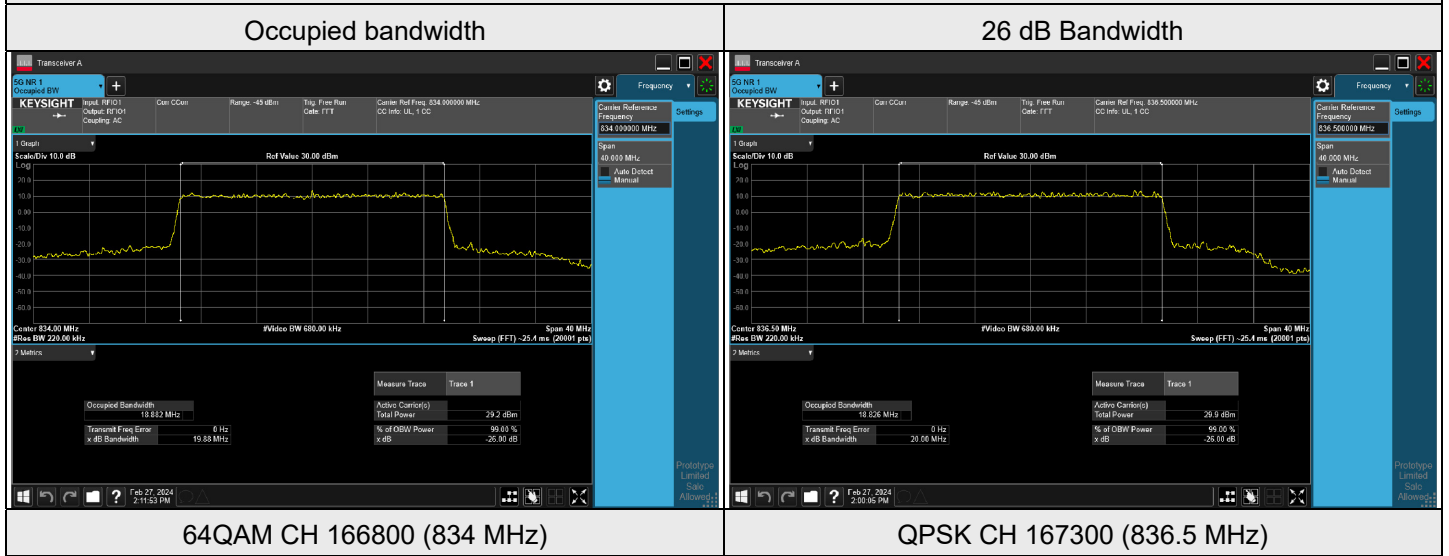
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	166300	831.5	14.019	14.35
BPSK	167300	836.5	14.017	14.29
BPSK	168300	841.5	13.998	14.31
QPSK	166300	831.5	14.065	14.80
QPSK	167300	836.5	14.062	14.96
QPSK	168300	841.5	14.050	15.04
16QAM	166300	831.5	14.068	14.94
16QAM	167300	836.5	14.080	15.00
16QAM	168300	841.5	14.073	14.94
64QAM	166300	831.5	14.070	15.03
64QAM	167300	836.5	14.035	14.83
64QAM	168300	841.5	14.020	14.79
256QAM	166300	831.5	14.065	14.89
256QAM	167300	836.5	14.071	14.89
256QAM	168300	841.5	14.059	14.93



**NR n26 SCS 15 kHz (824 MHz ~ 849 MHz) - Ant 0, Channel Bandwidth: 20 MHz**

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	166800	834	18.725	18.75
BPSK	167300	836.5	18.701	18.84
BPSK	167800	839	18.776	18.77
QPSK	166800	834	18.832	19.88
QPSK	167300	836.5	18.826	20.00
QPSK	167800	839	18.816	19.84
16QAM	166800	834	18.849	19.84
16QAM	167300	836.5	18.874	19.90
16QAM	167800	839	18.849	19.82
64QAM	166800	834	18.882	19.88
64QAM	167300	836.5	18.870	19.90
64QAM	167800	839	18.877	19.88
256QAM	166800	834	18.829	19.90
256QAM	167300	836.5	18.844	19.91
256QAM	167800	839	18.812	19.85

**Spectrum Plot of Worst Value**



7.4.9 NR n38 SCS 30 kHz

NR n38 SCS 30 kHz - Ant 6, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	516000	2580	18.022	19.78
BPSK	519000	2595	17.976	19.28
BPSK	522000	2610	18.025	19.91
QPSK	516000	2580	18.261	19.64
QPSK	519000	2595	18.262	20.04
QPSK	522000	2610	18.281	24.32
16QAM	516000	2580	18.282	20.20
16QAM	519000	2595	18.288	25.79
16QAM	522000	2610	18.293	27.49
64QAM	516000	2580	18.240	20.09
64QAM	519000	2595	18.268	21.31
64QAM	522000	2610	18.261	21.33
256QAM	516000	2580	18.248	20.77
256QAM	519000	2595	18.261	20.84
256QAM	522000	2610	18.241	19.67

Spectrum Plot of Worst Value

Occupied bandwidth

26 dB Bandwidth



16QAM CH 522000 (2610 MHz)



16QAM CH 522000 (2610 MHz)