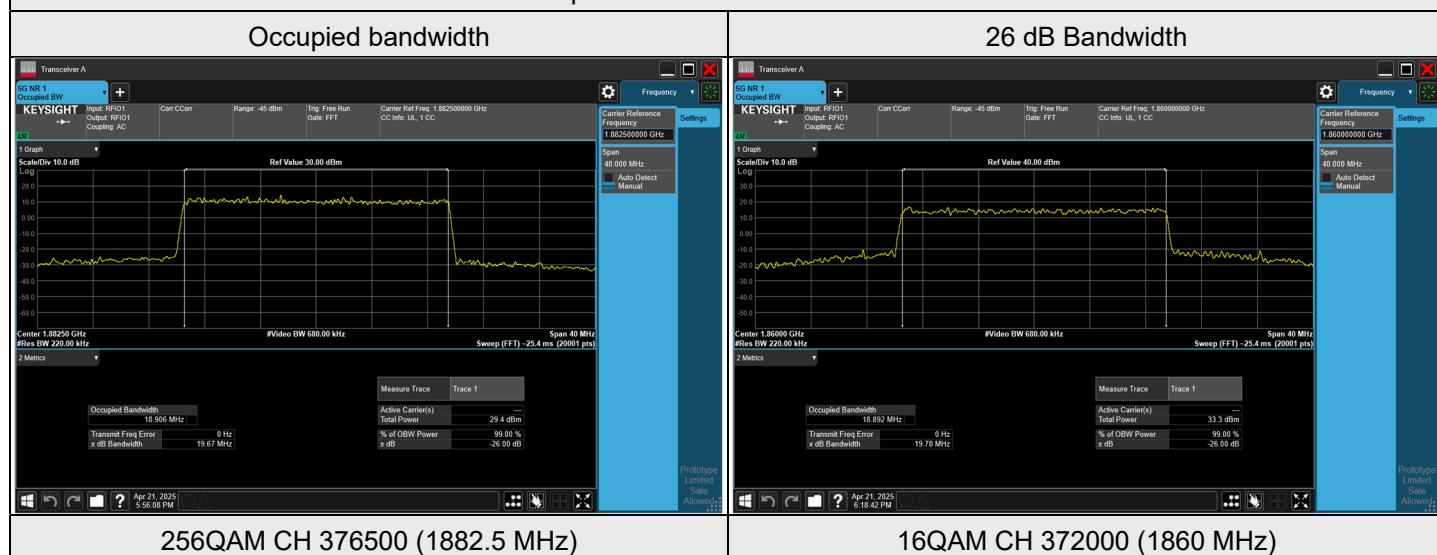


NR n25 SCS 15 kHz, MIMO-Ant 1, Channel Bandwidth: 20 MHz

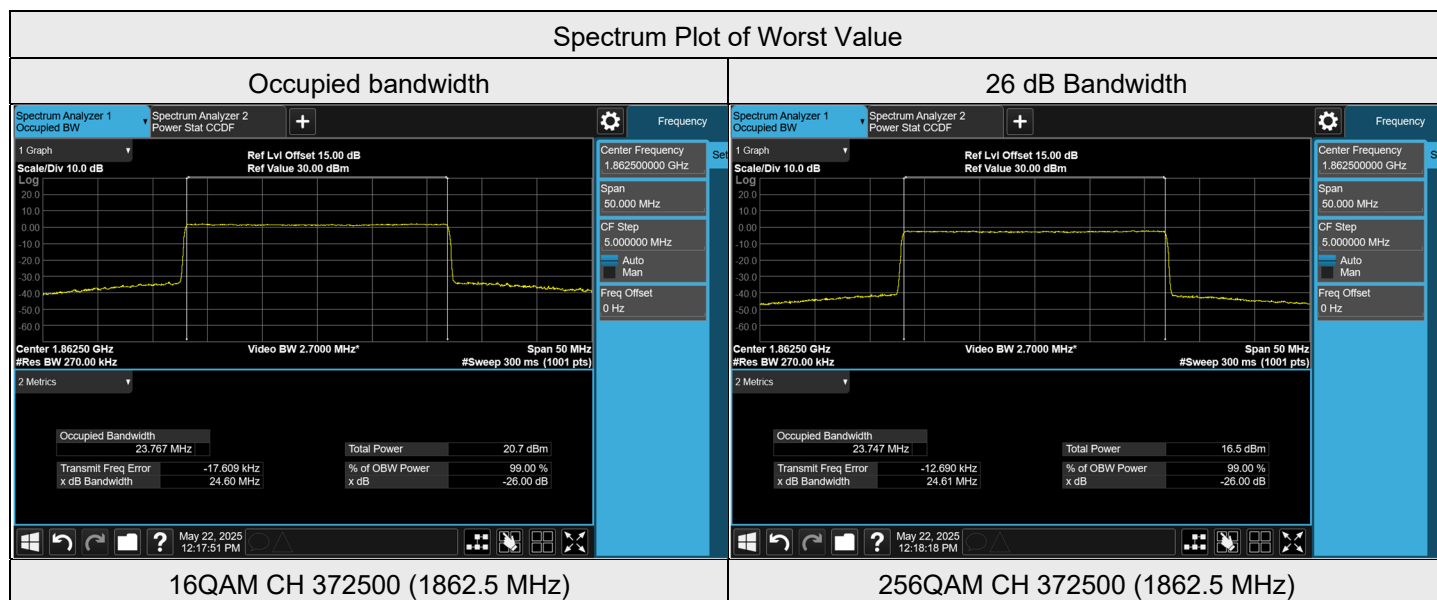
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	372000	1860	18.853	19.74
QPSK	376500	1882.5	18.849	19.72
QPSK	381000	1905	18.866	19.72
16QAM	372000	1860	18.892	19.78
16QAM	376500	1882.5	18.896	19.74
16QAM	381000	1905	18.876	19.72
64QAM	372000	1860	18.872	19.71
64QAM	376500	1882.5	18.898	19.78
64QAM	381000	1905	18.857	19.72
256QAM	372000	1860	18.869	19.71
256QAM	376500	1882.5	18.906	19.67
256QAM	381000	1905	18.864	19.75

Spectrum Plot of Worst Value



NR n25 SCS 15 kHz, MIMO-Ant 1, Channel Bandwidth: 25 MHz

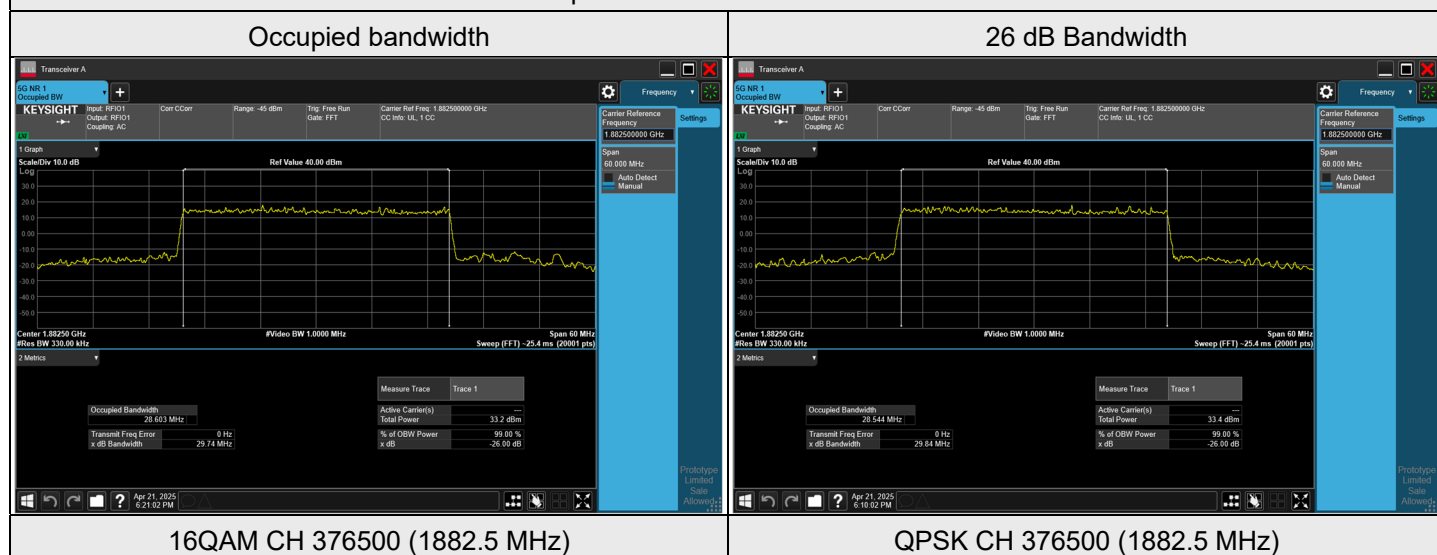
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	372500	1862.5	23.747	24.60
QPSK	376500	1882.5	23.716	24.60
QPSK	380500	1902.5	23.710	24.59
16QAM	372500	1862.5	23.767	24.60
16QAM	376500	1882.5	23.725	24.60
16QAM	380500	1902.5	23.731	24.59
64QAM	372500	1862.5	23.759	24.60
64QAM	376500	1882.5	23.719	24.59
64QAM	380500	1902.5	23.721	24.58
256QAM	372500	1862.5	23.747	24.61
256QAM	376500	1882.5	23.725	24.59
256QAM	380500	1902.5	23.705	24.58



NR n25 SCS 15 kHz, MIMO-Ant 1, Channel Bandwidth: 30 MHz

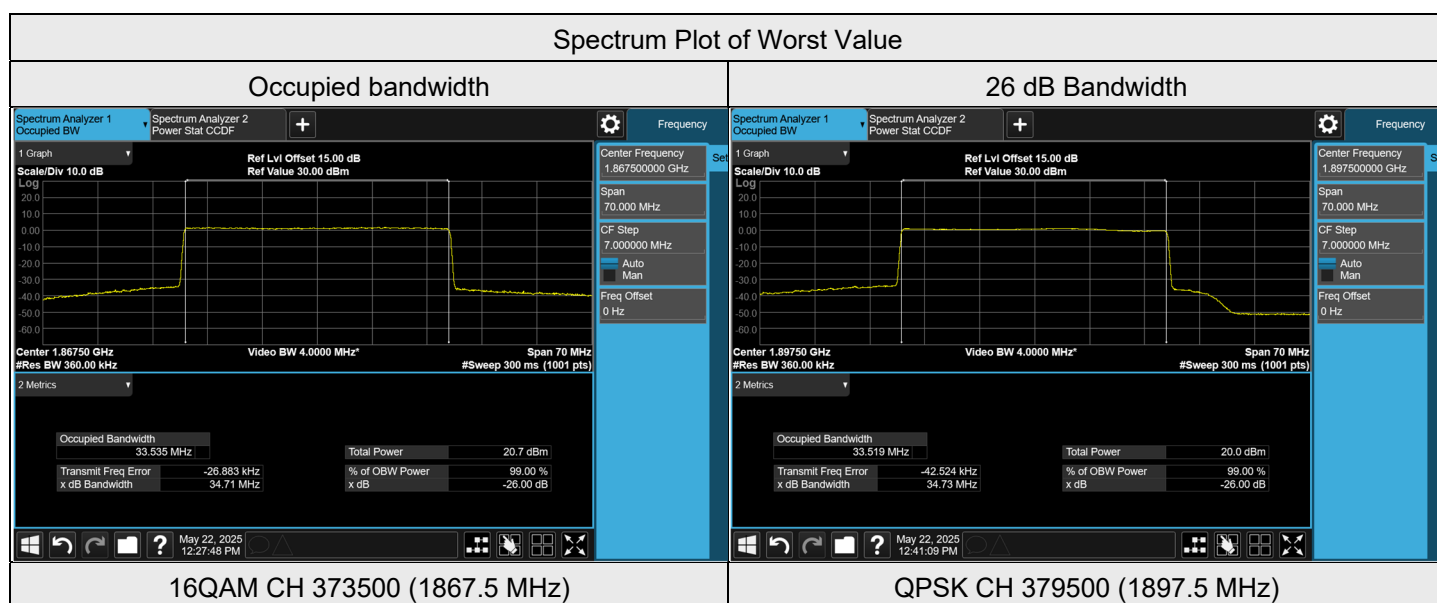
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	373000	1865	28.518	29.64
QPSK	376500	1882.5	28.544	29.84
QPSK	380000	1900	28.526	29.70
16QAM	373000	1865	28.567	29.79
16QAM	376500	1882.5	28.603	29.74
16QAM	380000	1900	28.556	29.59
64QAM	373000	1865	28.484	29.56
64QAM	376500	1882.5	28.489	29.69
64QAM	380000	1900	28.457	29.64
256QAM	373000	1865	28.495	29.71
256QAM	376500	1882.5	28.520	29.66
256QAM	380000	1900	28.521	29.78

Spectrum Plot of Worst Value



NR n25 SCS 15 kHz, MIMO-Ant 1, Channel Bandwidth: 35 MHz

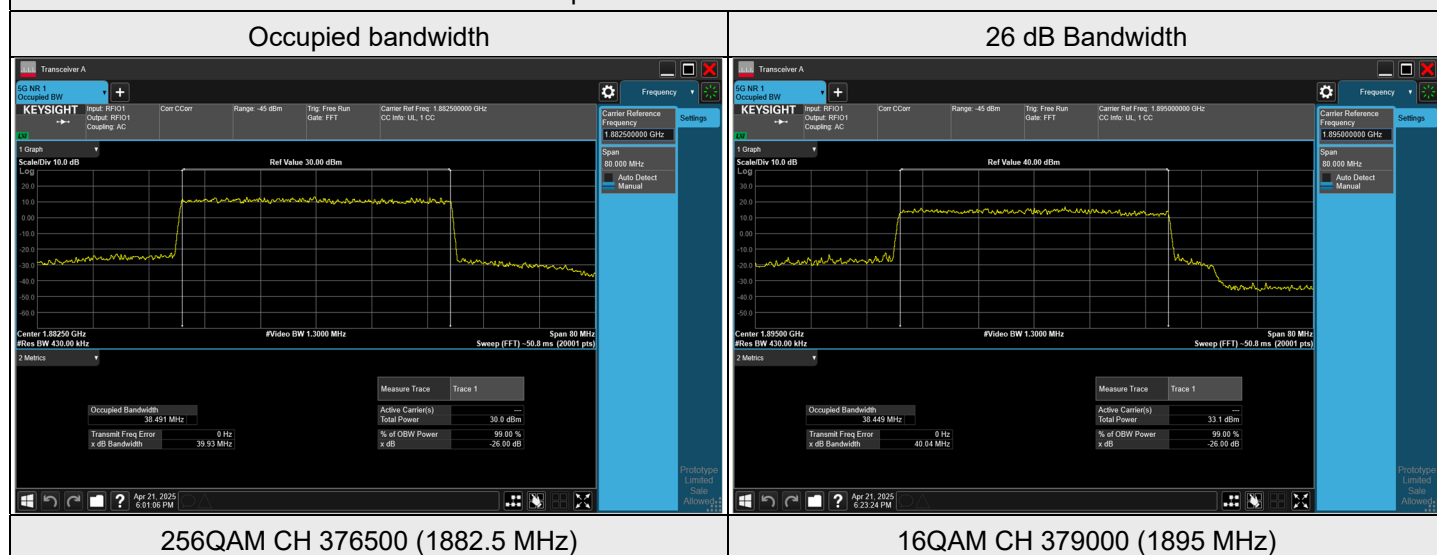
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	373500	1867.5	33.515	34.70
QPSK	376500	1882.5	33.521	34.71
QPSK	379500	1897.5	33.519	34.73
16QAM	373500	1867.5	33.535	34.71
16QAM	376500	1882.5	33.508	34.70
16QAM	379500	1897.5	33.515	34.70
64QAM	373500	1867.5	33.520	34.70
64QAM	376500	1882.5	33.509	34.70
64QAM	379500	1897.5	33.521	34.71
256QAM	373500	1867.5	33.509	34.70
256QAM	376500	1882.5	33.518	34.70
256QAM	379500	1897.5	33.515	34.69



NR n25 SCS 15 kHz, MIMO-Ant 1, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	374000	1870	38.426	39.85
QPSK	376500	1882.5	38.476	39.94
QPSK	379000	1895	38.489	39.84
16QAM	374000	1870	38.376	39.93
16QAM	376500	1882.5	38.433	39.94
16QAM	379000	1895	38.449	40.04
64QAM	374000	1870	38.433	39.81
64QAM	376500	1882.5	38.456	39.85
64QAM	379000	1895	38.435	39.72
256QAM	374000	1870	38.412	39.87
256QAM	376500	1882.5	38.491	39.93
256QAM	379000	1895	38.451	39.87

Spectrum Plot of Worst Value

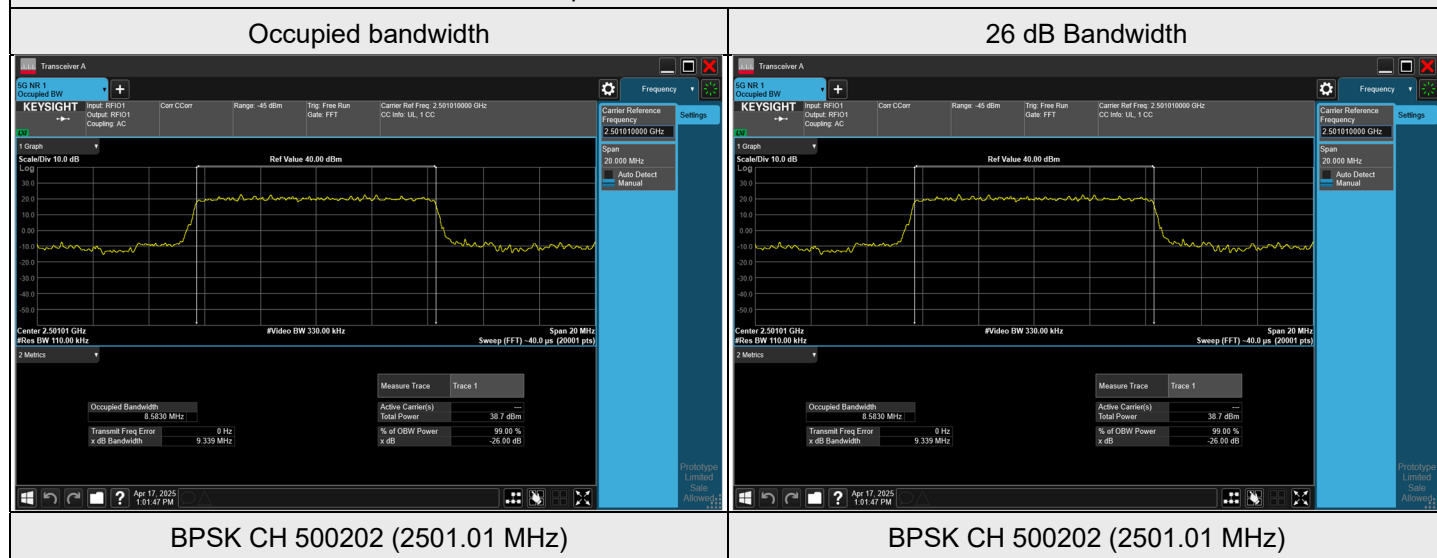


7.4.2 NR n41 SCS 30 kHz

NR n41 SCS 30 kHz, Ant 2_PC2, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	500202	2501.01	8.5830	9.339
BPSK	518598	2592.99	8.5640	9.186
BPSK	537000	2685	8.5603	9.282

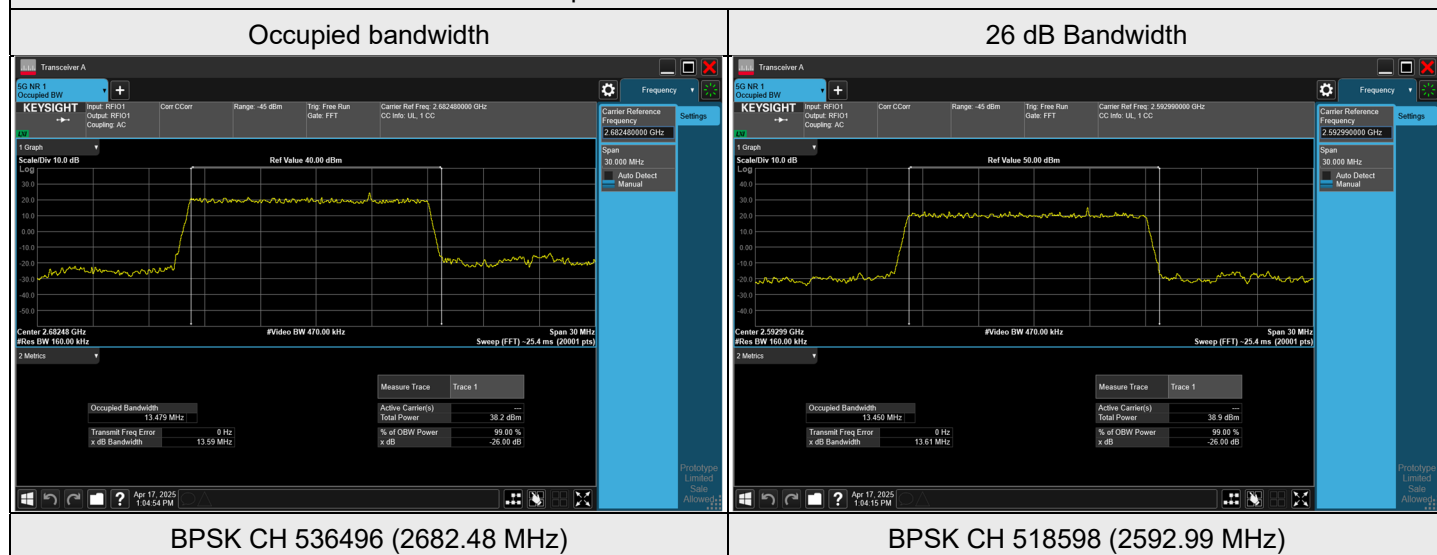
Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, Ant 2_PC2, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	500700	2503.5	13.456	13.49
BPSK	518598	2592.99	13.450	13.61
BPSK	536496	2682.48	13.479	13.59

Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, Ant 2_PC2, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	501204	2506.02	18.046	18.68
BPSK	518598	2592.99	18.060	18.66
BPSK	535998	2679.99	18.014	18.74

Spectrum Plot of Worst Value

Occupied bandwidth



BPSK CH 518598 (2592.99 MHz)

26 dB Bandwidth

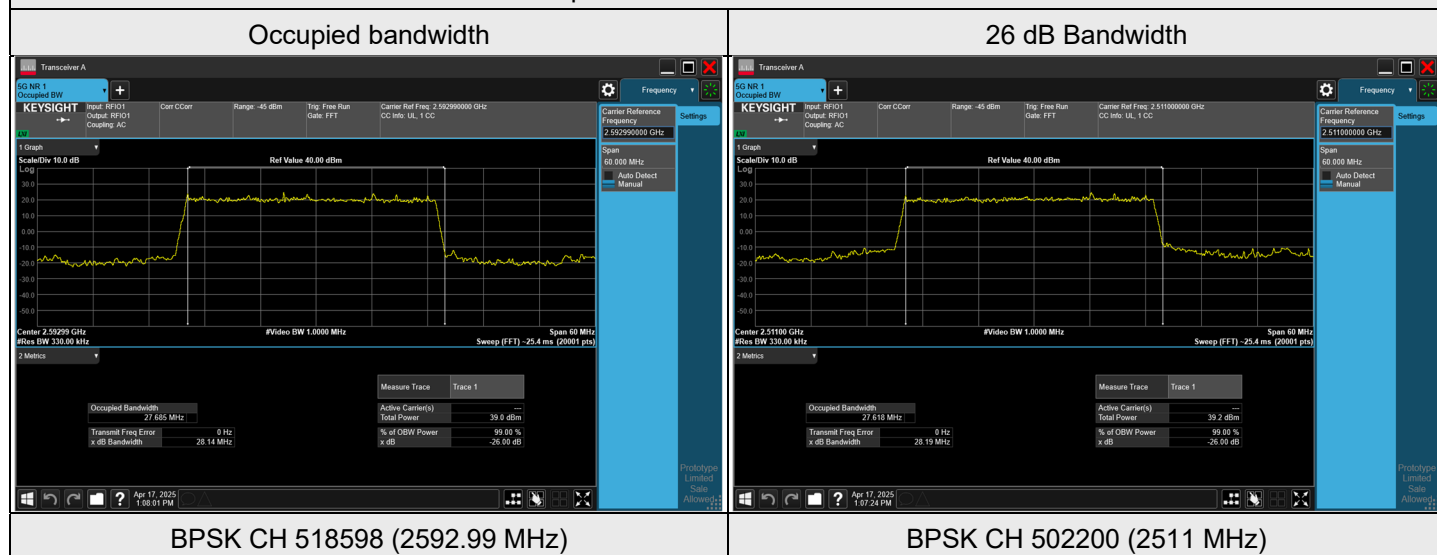


BPSK CH 535998 (2679.99 MHz)

NR n41 SCS 30 kHz, Ant 2_PC2, Channel Bandwidth: 30 MHz

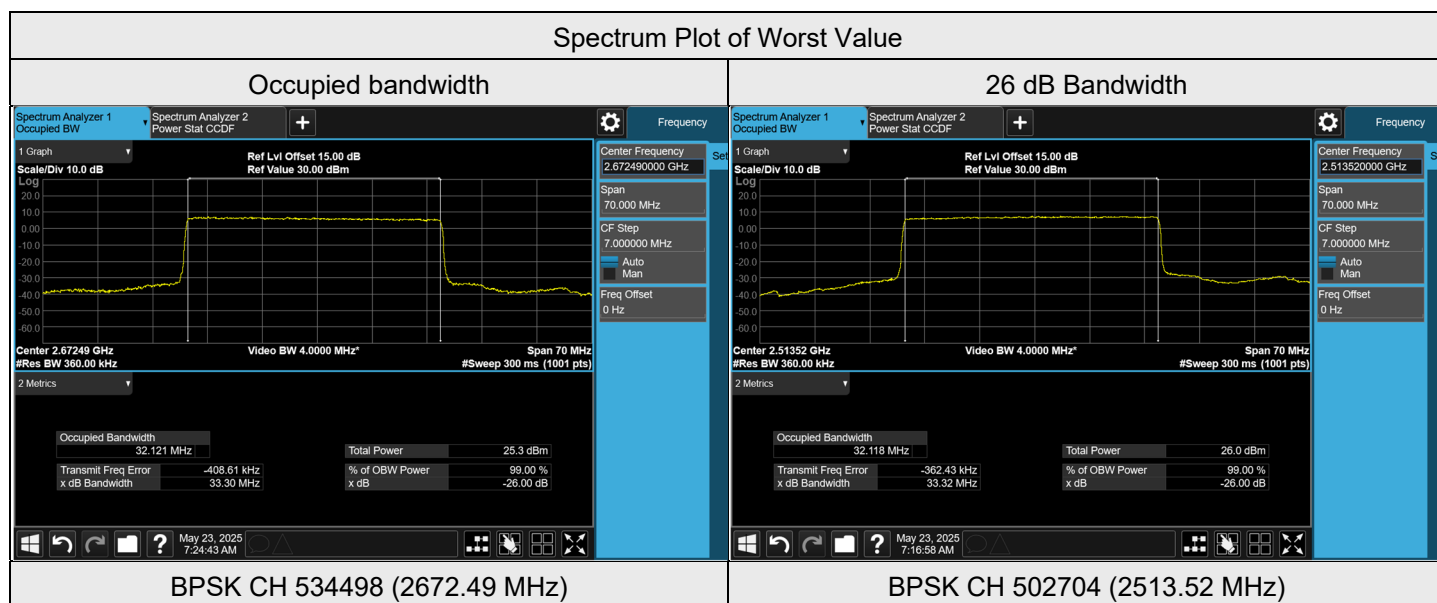
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	502200	2511	27.618	28.19
BPSK	518598	2592.99	27.685	28.14
BPSK	534996	2674.98	27.680	28.14

Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, Ant 2_PC2, Channel Bandwidth: 35 MHz

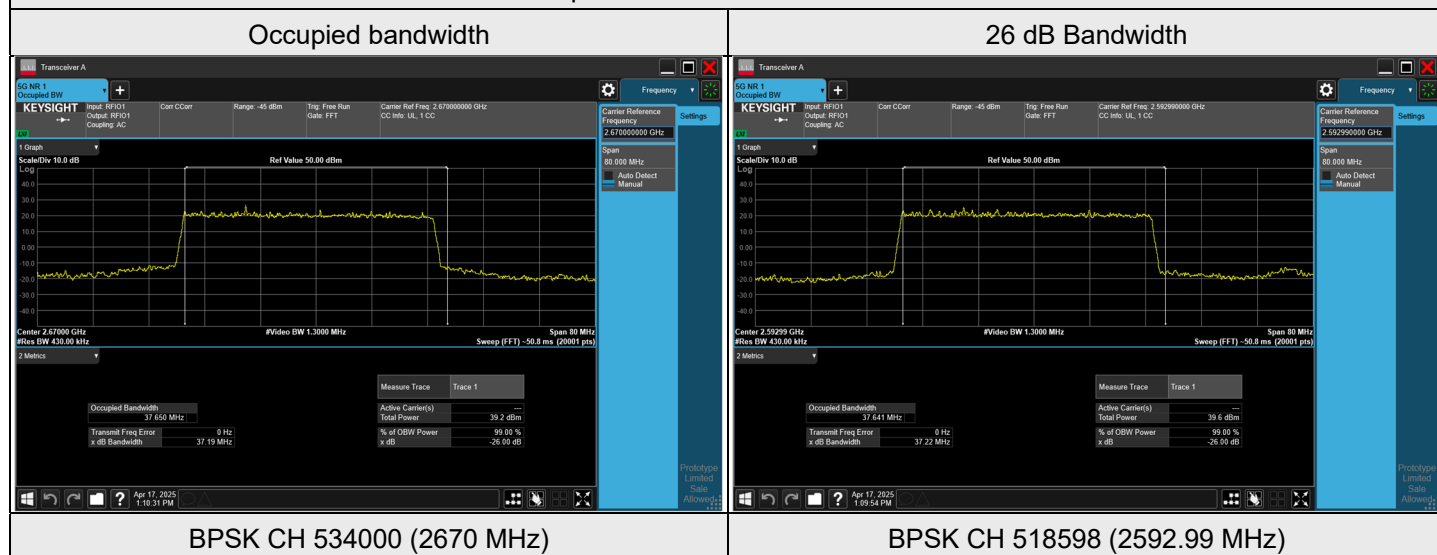
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	502704	2513.52	32.118	33.32
BPSK	518598	2592.99	32.112	33.30
BPSK	534498	2672.49	32.121	33.30



NR n41 SCS 30 kHz, Ant 2_PC2, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	503202	2516.01	37.555	37.06
BPSK	518598	2592.99	37.641	37.22
BPSK	534000	2670	37.650	37.19

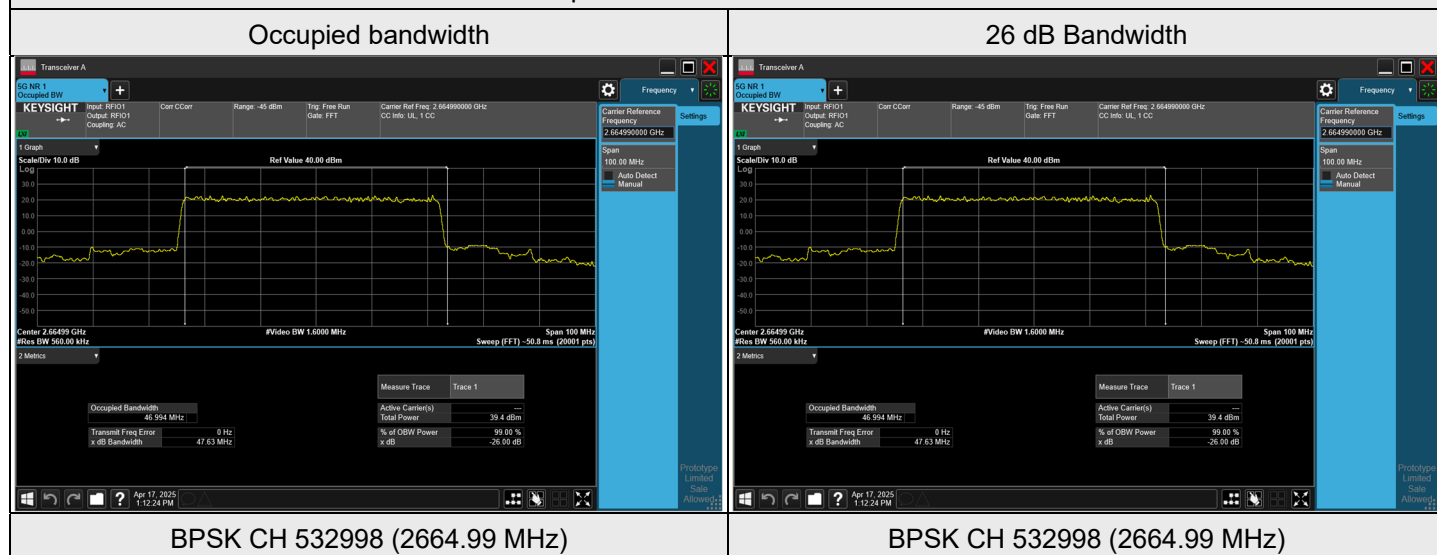
Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, Ant 2_PC2, Channel Bandwidth: 50 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	504204	2521.02	46.822	47.43
BPSK	518598	2592.99	46.992	47.58
BPSK	532998	2664.99	46.994	47.63

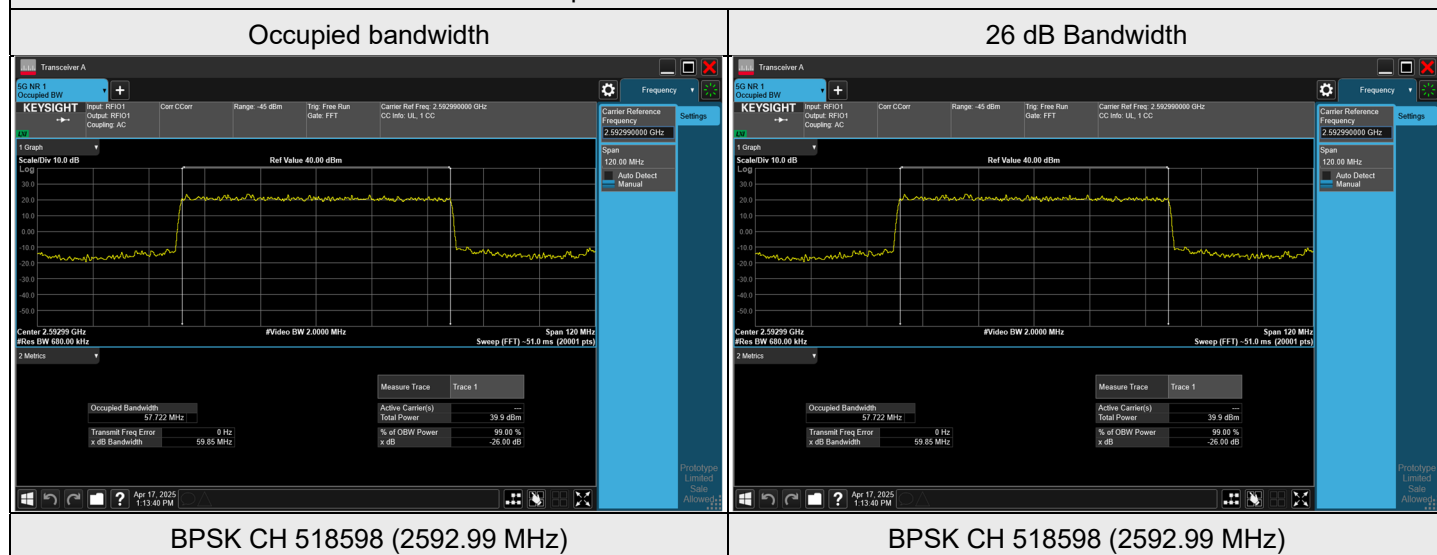
Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, Ant 2_PC2, Channel Bandwidth: 60 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	505200	2526	57.603	59.72
BPSK	518598	2592.99	57.722	59.85
BPSK	531996	2659.98	57.701	59.71

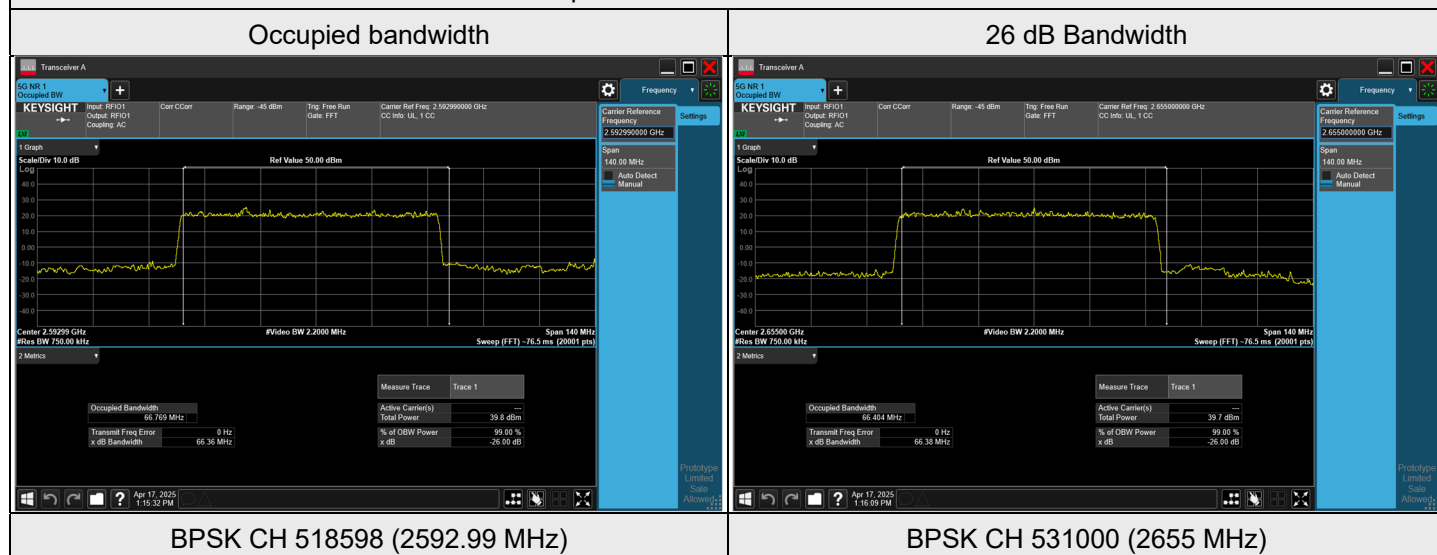
Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, Ant 2_PC2, Channel Bandwidth: 70 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	506202	2531.01	66.435	66.35
BPSK	518598	2592.99	66.769	66.36
BPSK	531000	2655	66.404	66.38

Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, Ant 2_PC2, Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	507204	2536.02	76.644	79.49
BPSK	518598	2592.99	77.014	79.65
BPSK	529998	2649.99	76.820	79.62

Spectrum Plot of Worst Value

Occupied bandwidth



BPSK CH 518598 (2592.99 MHz)

26 dB Bandwidth



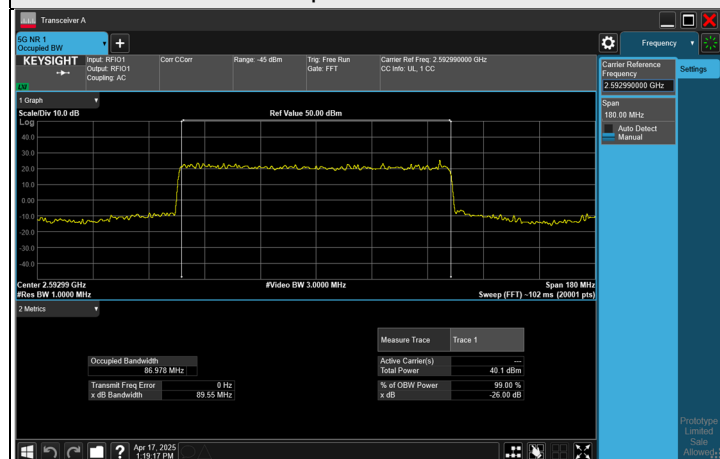
BPSK CH 518598 (2592.99 MHz)

NR n41 SCS 30 kHz, Ant 2_PC2, Channel Bandwidth: 90 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	508200	2541	86.386	89.45
BPSK	518598	2592.99	86.978	89.55
BPSK	528996	2644.98	86.546	89.47

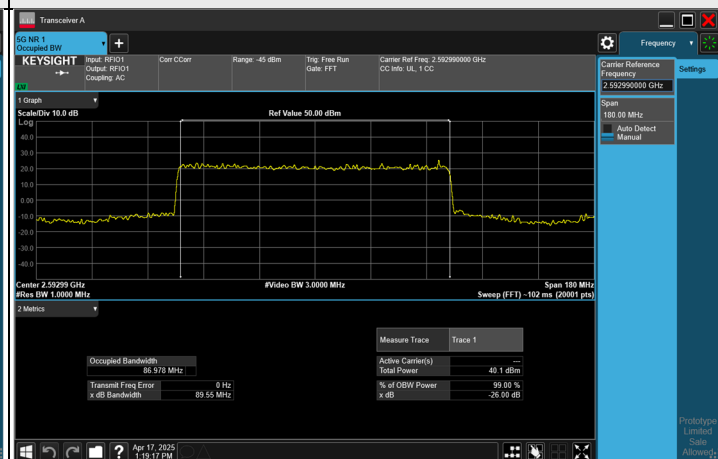
Spectrum Plot of Worst Value

Occupied bandwidth



BPSK CH 518598 (2592.99 MHz)

26 dB Bandwidth

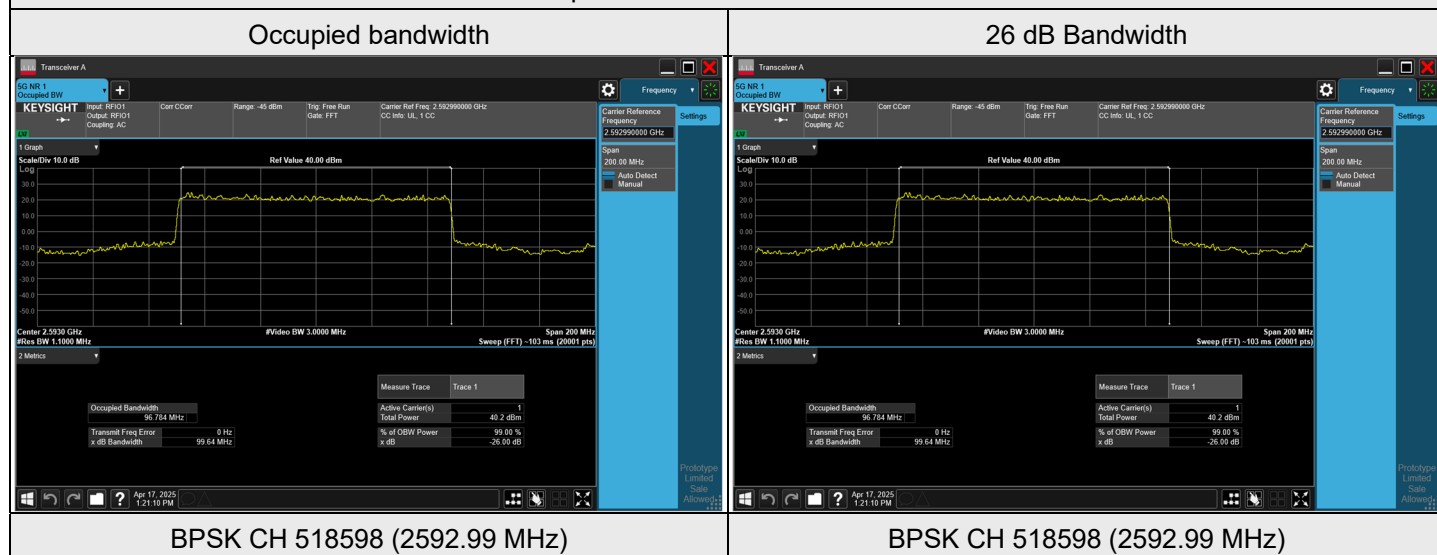


BPSK CH 518598 (2592.99 MHz)

NR n41 SCS 30 kHz, Ant 2_PC2, Channel Bandwidth: 100 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	509202	2546.01	95.924	99.31
BPSK	518598	2592.99	96.784	99.64
BPSK	528000	2640	96.169	99.43

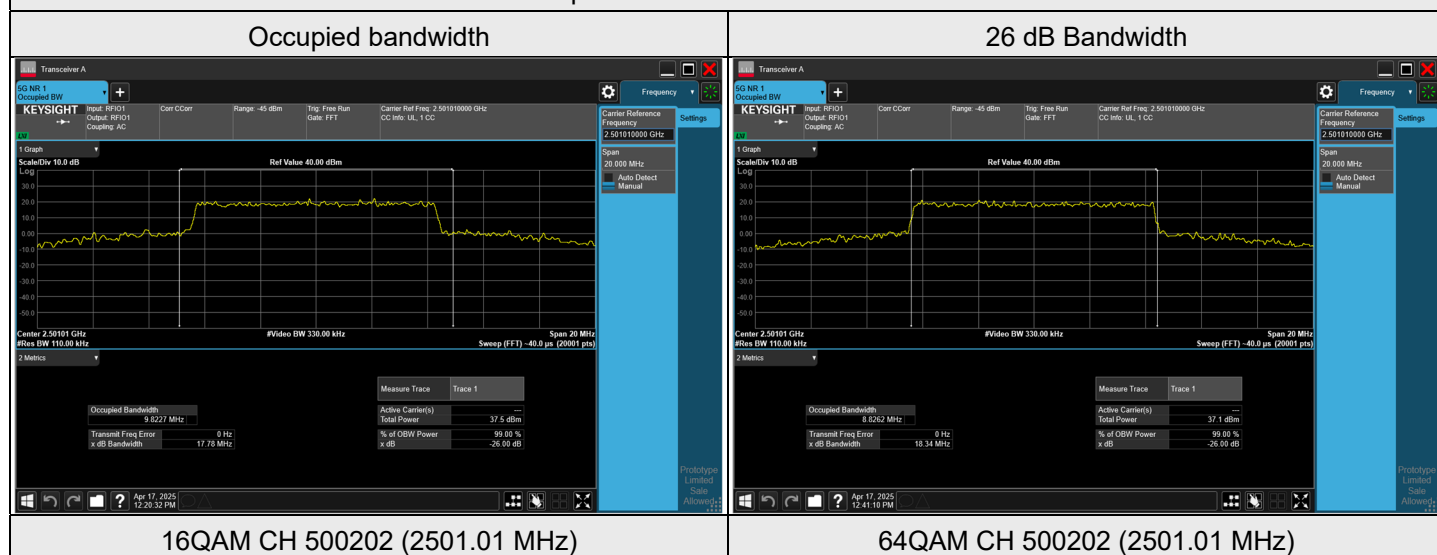
Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, MIMO-Ant 1, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	500202	2501.01	8.5630	9.329
QPSK	518598	2592.99	8.5730	9.175
QPSK	537000	2685	8.5788	9.269
16QAM	500202	2501.01	9.8227	17.78
16QAM	518598	2592.99	8.5827	9.391
16QAM	537000	2685	8.5560	9.203
64QAM	500202	2501.01	8.8262	18.34
64QAM	518598	2592.99	8.5864	9.403
64QAM	537000	2685	8.5965	9.324
256QAM	500202	2501.01	8.5685	9.223
256QAM	518598	2592.99	8.5621	9.242
256QAM	537000	2685	8.5584	9.192

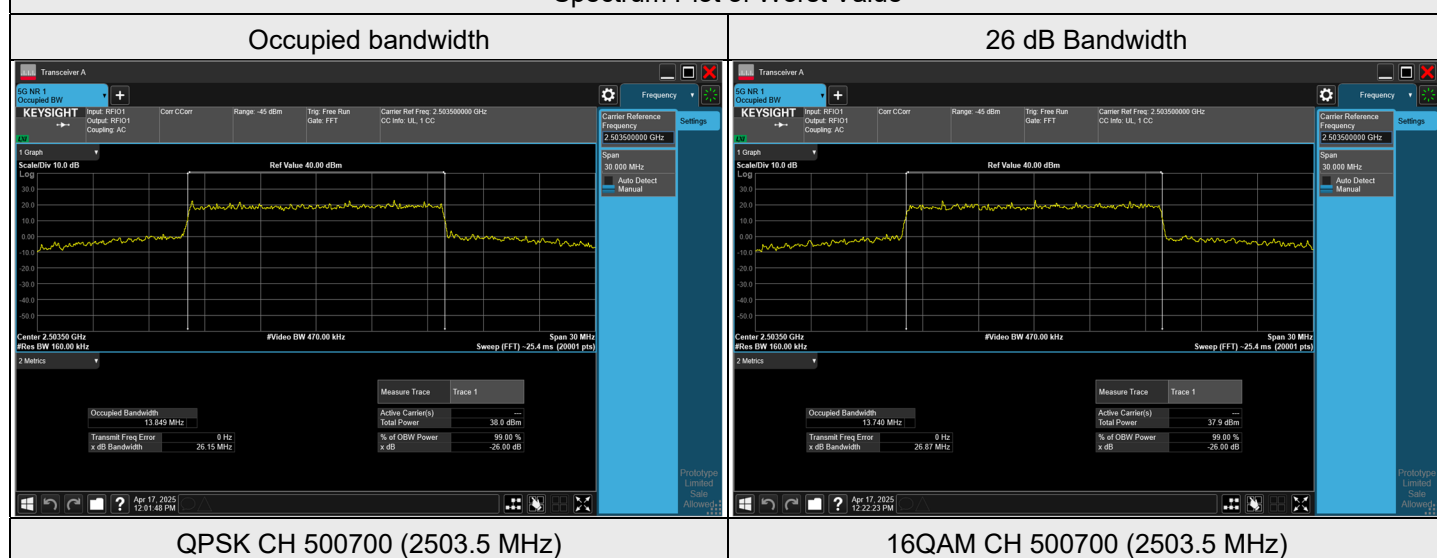
Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, MIMO-Ant 1, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	500700	2503.5	13.849	26.15
QPSK	518598	2592.99	13.587	14.35
QPSK	536496	2682.48	13.572	14.32
16QAM	500700	2503.5	13.740	26.87
16QAM	518598	2592.99	13.558	14.47
16QAM	536496	2682.48	13.564	14.33
64QAM	500700	2503.5	13.729	24.64
64QAM	518598	2592.99	13.537	14.33
64QAM	536496	2682.48	13.558	14.31
256QAM	500700	2503.5	13.549	14.41
256QAM	518598	2592.99	13.555	14.38
256QAM	536496	2682.48	13.549	14.41

Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, MIMO-Ant 1, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	501204	2506.02	18.365	32.12
QPSK	518598	2592.99	18.168	19.15
QPSK	535998	2679.99	18.184	19.15
16QAM	501204	2506.02	18.384	30.84
16QAM	518598	2592.99	18.181	19.10
16QAM	535998	2679.99	18.193	19.04
64QAM	501204	2506.02	18.313	23.50
64QAM	518598	2592.99	18.178	19.19
64QAM	535998	2679.99	18.206	19.21
256QAM	501204	2506.02	18.146	19.11
256QAM	518598	2592.99	18.150	19.08
256QAM	535998	2679.99	18.145	19.09

Spectrum Plot of Worst Value

