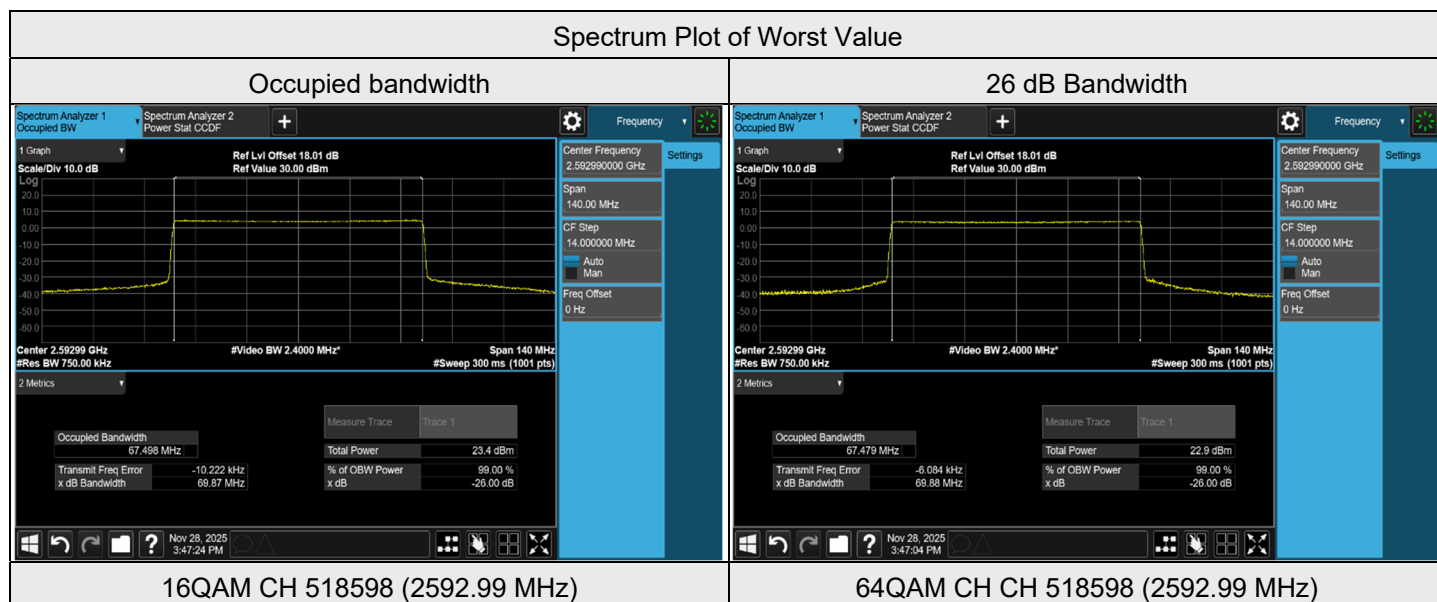


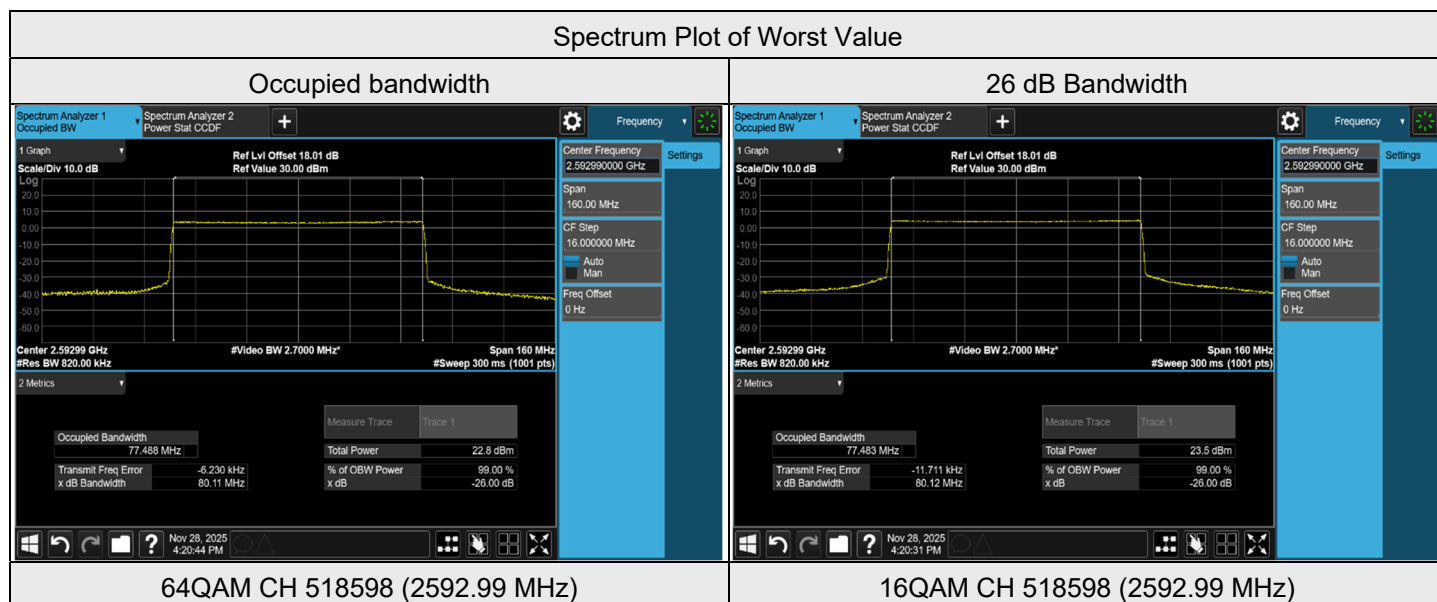
NR n41 SCS 30 kHz, MIMO-Ant 0, Channel Bandwidth: 70 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	506202	2531.01	67.367	69.82
QPSK	518598	2592.99	67.481	69.87
QPSK	531000	2655	67.389	69.82
16QAM	506202	2531.01	67.368	69.83
16QAM	518598	2592.99	67.498	69.87
16QAM	531000	2655	67.389	69.82
64QAM	506202	2531.01	67.369	69.86
64QAM	518598	2592.99	67.479	69.88
64QAM	531000	2655	67.405	69.81
256QAM	506202	2531.01	67.388	69.82
256QAM	518598	2592.99	67.473	69.86
256QAM	531000	2655	67.380	69.81



NR n41 SCS 30 kHz, MIMO-Ant 0, Channel Bandwidth: 80 MHz

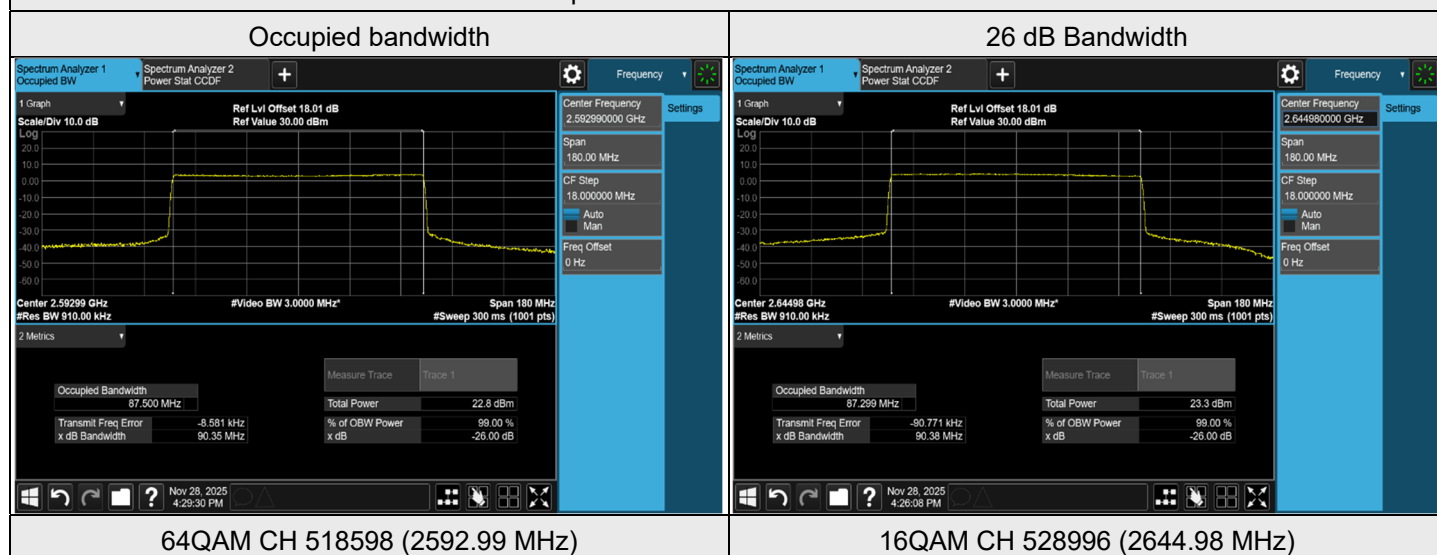
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	507204	2536.02	77.343	80.06
QPSK	518598	2592.99	77.487	80.11
QPSK	529998	2649.99	77.360	80.08
16QAM	507204	2536.02	77.376	80.09
16QAM	518598	2592.99	77.483	80.12
16QAM	529998	2649.99	77.345	80.09
64QAM	507204	2536.02	77.351	80.04
64QAM	518598	2592.99	77.488	80.11
64QAM	529998	2649.99	77.360	80.09
256QAM	507204	2536.02	77.311	80.01
256QAM	518598	2592.99	77.483	80.05
256QAM	529998	2649.99	77.353	80.04



NR n41 SCS 30 kHz, MIMO-Ant 0, Channel Bandwidth: 90 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	508200	2541	87.341	90.34
QPSK	518598	2592.99	87.494	90.37
QPSK	528996	2644.98	87.301	90.36
16QAM	508200	2541	87.336	90.32
16QAM	518598	2592.99	87.474	90.35
16QAM	528996	2644.98	87.299	90.38
64QAM	508200	2541	87.353	90.35
64QAM	518598	2592.99	87.500	90.35
64QAM	528996	2644.98	87.318	90.35
256QAM	508200	2541	87.331	90.32
256QAM	518598	2592.99	87.462	90.36
256QAM	528996	2644.98	87.309	90.33

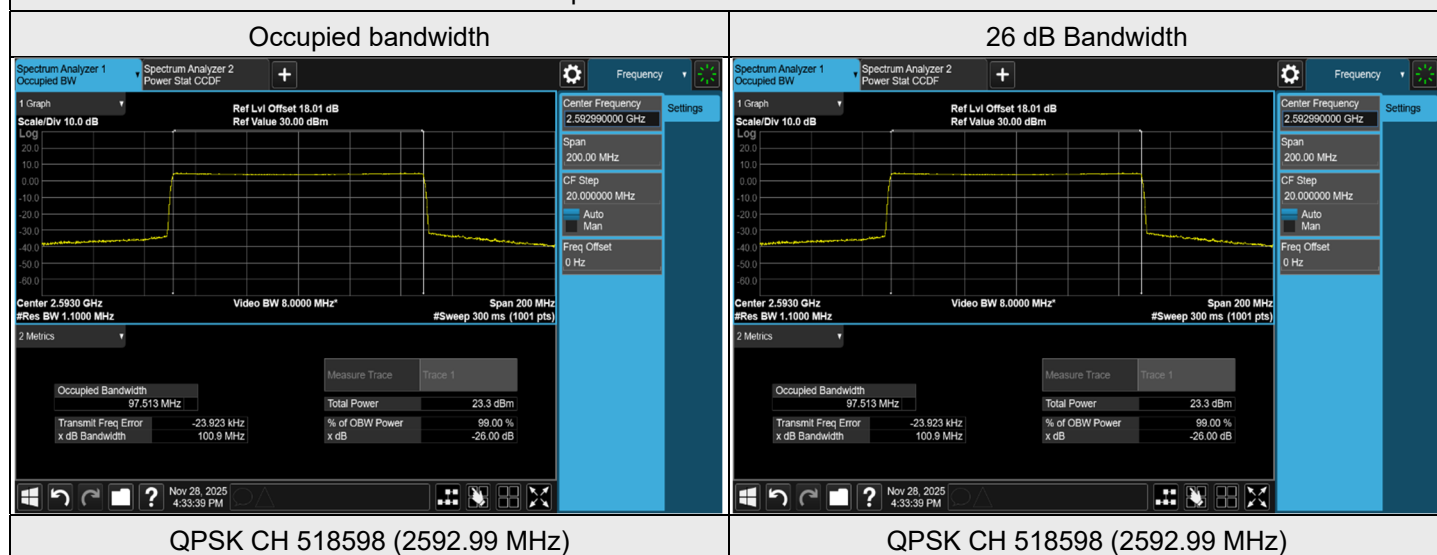
Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, MIMO-Ant 0, Channel Bandwidth: 100 MHz

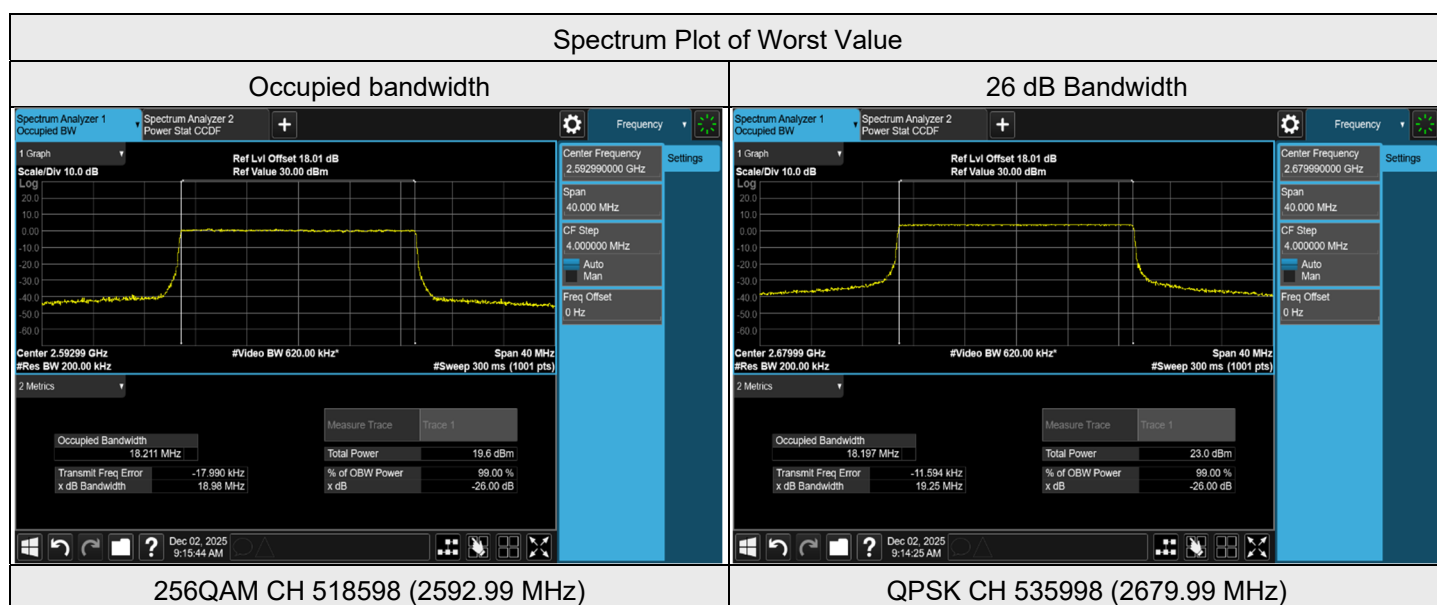
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	509202	2546.01	97.355	100.8
QPSK	518598	2592.99	97.513	100.9
QPSK	528000	2640	97.315	100.8
16QAM	509202	2546.01	97.357	100.8
16QAM	518598	2592.99	97.508	100.9
16QAM	528000	2640	97.320	100.9
64QAM	509202	2546.01	97.376	100.8
64QAM	518598	2592.99	97.503	100.9
64QAM	528000	2640	97.284	100.8
256QAM	509202	2546.01	97.372	100.8
256QAM	518598	2592.99	97.513	100.8
256QAM	528000	2640	97.274	100.8

Spectrum Plot of Worst Value



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

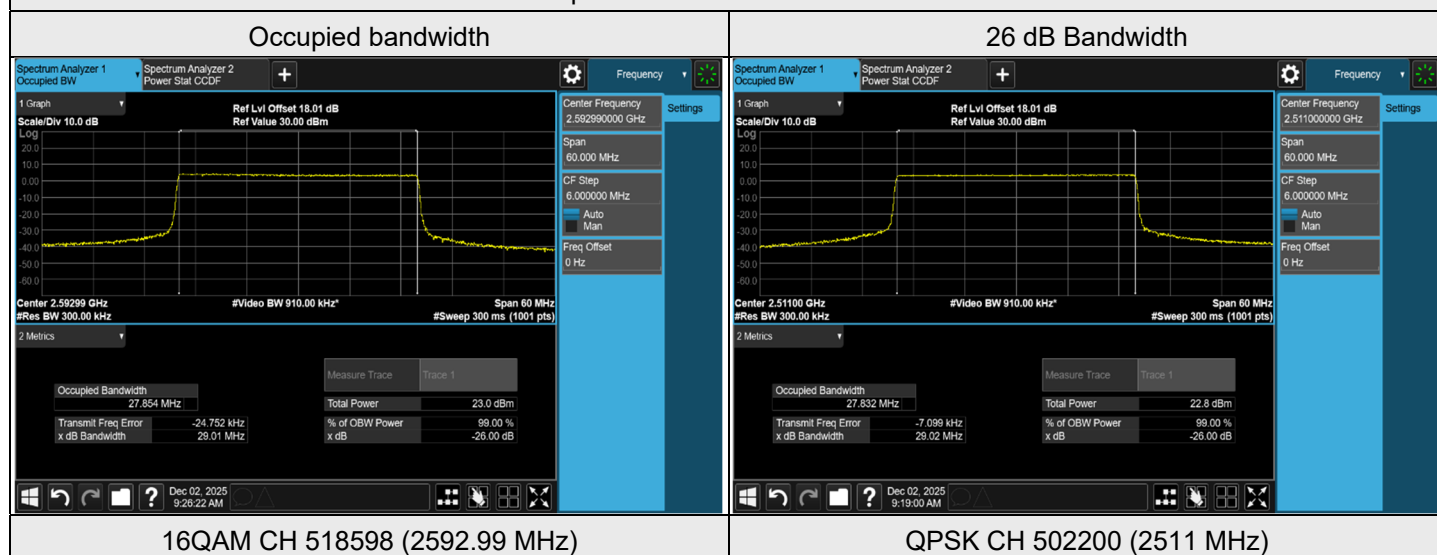
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	501204	2506.02	18.204	19.19
QPSK	518598	2592.99	18.201	19.12
QPSK	535998	2679.99	18.197	19.25
16QAM	501204	2506.02	18.200	19.22
16QAM	518598	2592.99	18.206	19.07
16QAM	535998	2679.99	18.196	19.17
64QAM	501204	2506.02	18.196	19.00
64QAM	518598	2592.99	18.202	18.99
64QAM	535998	2679.99	18.206	18.94
256QAM	501204	2506.02	18.204	18.95
256QAM	518598	2592.99	18.211	18.98
256QAM	535998	2679.99	18.193	19.05



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	502200	2511	27.832	29.02
QPSK	518598	2592.99	27.839	28.91
QPSK	534996	2674.98	27.837	28.95
16QAM	502200	2511	27.832	28.94
16QAM	518598	2592.99	27.854	29.01
16QAM	534996	2674.98	27.842	28.98
64QAM	502200	2511	27.821	28.91
64QAM	518598	2592.99	27.840	28.95
64QAM	534996	2674.98	27.825	28.93
256QAM	502200	2511	27.827	28.92
256QAM	518598	2592.99	27.831	28.92
256QAM	534996	2674.98	27.833	28.89

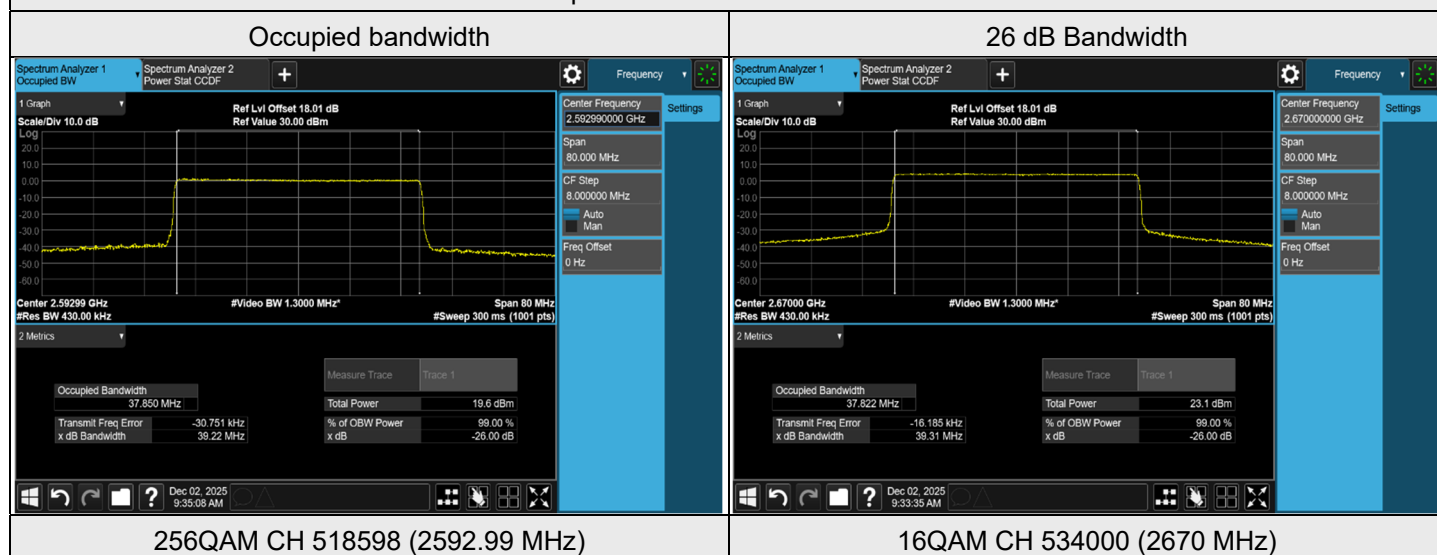
Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, MIMO-Ant 1, Channel Bandwidth: 40 MHz

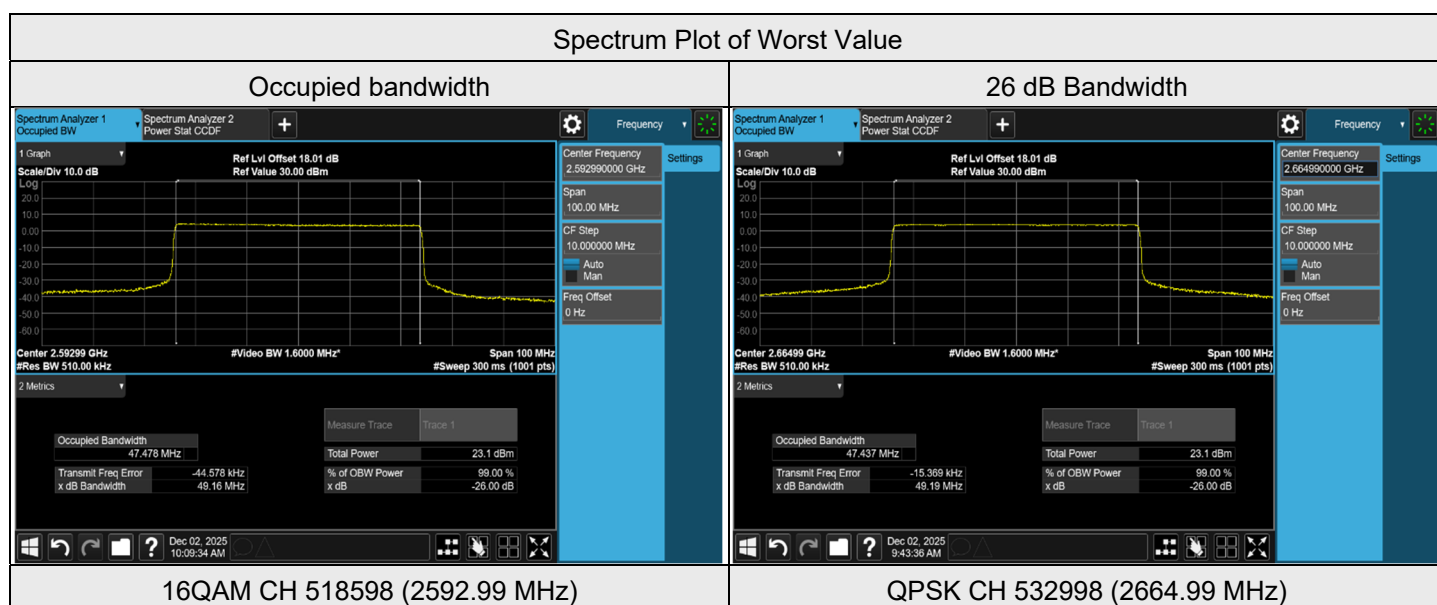
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	503202	2516.01	37.822	39.26
QPSK	518598	2592.99	37.840	39.26
QPSK	534000	2670	37.806	39.27
16QAM	503202	2516.01	37.825	39.24
16QAM	518598	2592.99	37.848	39.24
16QAM	534000	2670	37.822	39.31
64QAM	503202	2516.01	37.820	39.24
64QAM	518598	2592.99	37.842	39.25
64QAM	534000	2670	37.813	39.28
256QAM	503202	2516.01	37.813	39.24
256QAM	518598	2592.99	37.850	39.22
256QAM	534000	2670	37.814	39.25

Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, MIMO-Ant 1, Channel Bandwidth: 50 MHz

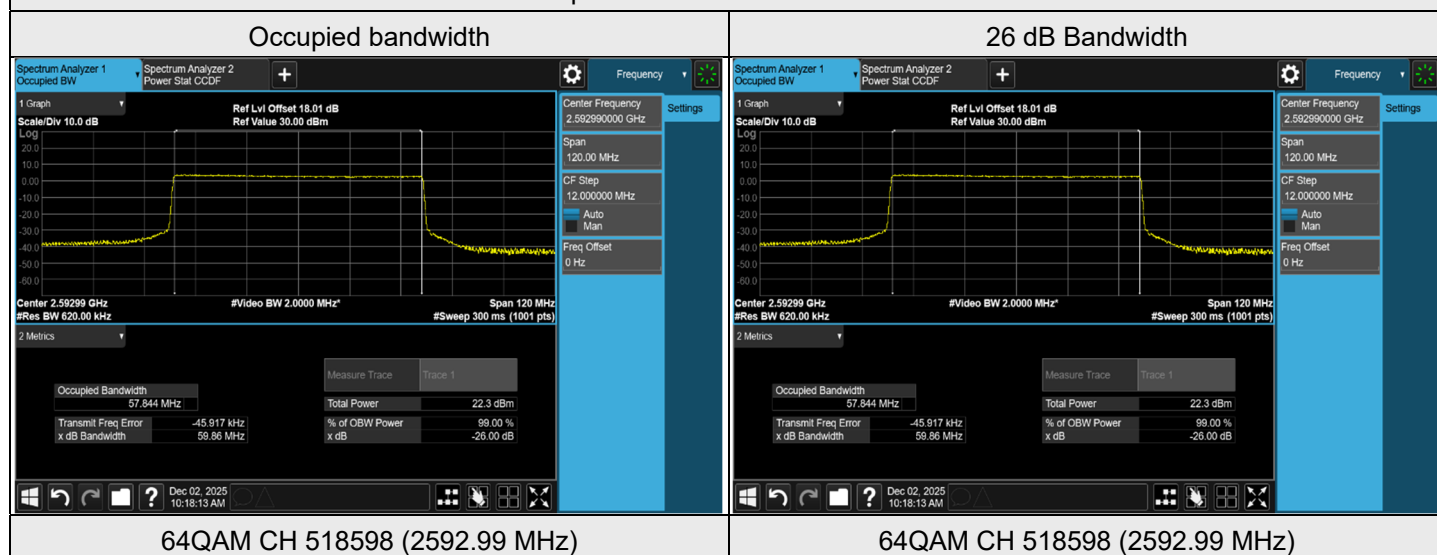
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	504204	2521.02	47.450	49.17
QPSK	518598	2592.99	47.464	49.18
QPSK	532998	2664.99	47.437	49.19
16QAM	504204	2521.02	47.460	49.15
16QAM	518598	2592.99	47.478	49.16
16QAM	532998	2664.99	47.435	49.15
64QAM	504204	2521.02	47.450	49.16
64QAM	518598	2592.99	47.465	49.17
64QAM	532998	2664.99	47.429	49.17
256QAM	504204	2521.02	47.438	49.15
256QAM	518598	2592.99	47.457	49.11
256QAM	532998	2664.99	47.426	49.16



NR n41 SCS 30 kHz, MIMO-Ant 1, Channel Bandwidth: 60 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	505200	2526	57.787	59.83
QPSK	518598	2592.99	57.835	59.86
QPSK	531996	2659.98	57.783	59.86
16QAM	505200	2526	57.787	59.83
16QAM	518598	2592.99	57.820	59.83
16QAM	531996	2659.98	57.794	59.85
64QAM	505200	2526	57.787	59.85
64QAM	518598	2592.99	57.844	59.86
64QAM	531996	2659.98	57.776	59.84
256QAM	505200	2526	57.757	59.80
256QAM	518598	2592.99	57.814	59.82
256QAM	531996	2659.98	57.773	59.82

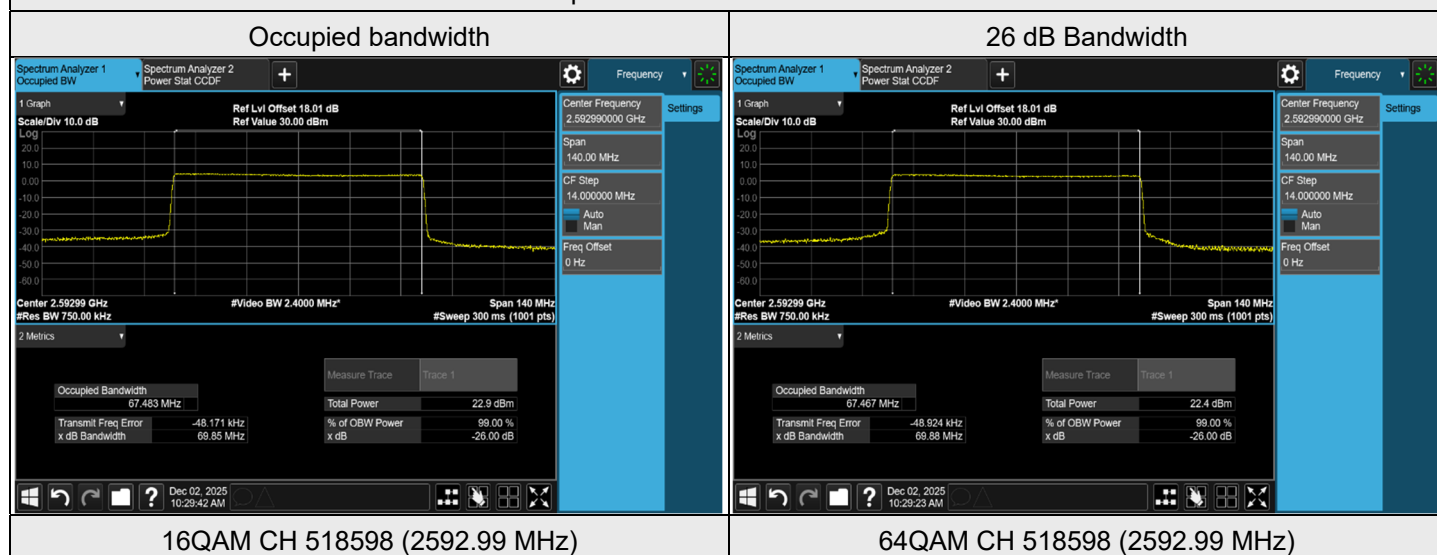
Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, MIMO-Ant 1, Channel Bandwidth: 70 MHz

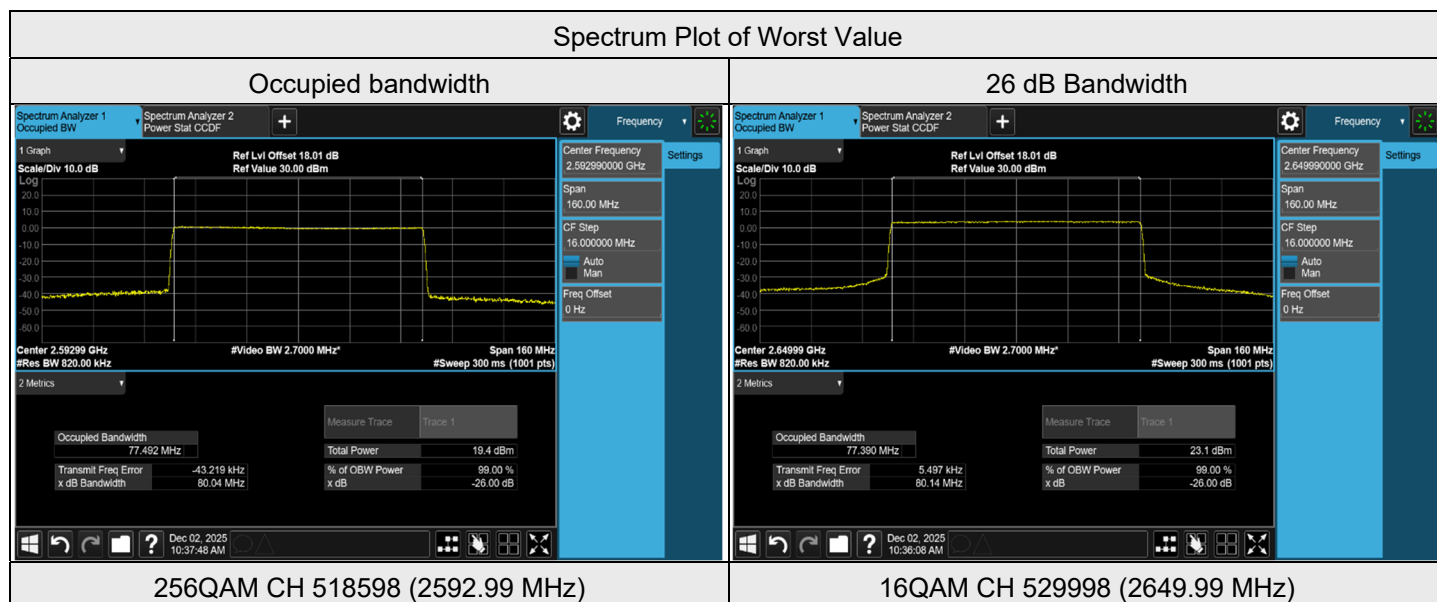
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	506202	2531.01	67.396	69.87
QPSK	518598	2592.99	67.475	69.87
QPSK	531000	2655	67.401	69.81
16QAM	506202	2531.01	67.397	69.83
16QAM	518598	2592.99	67.483	69.85
16QAM	531000	2655	67.389	69.86
64QAM	506202	2531.01	67.399	69.85
64QAM	518598	2592.99	67.467	69.88
64QAM	531000	2655	67.418	69.86
256QAM	506202	2531.01	67.414	69.81
256QAM	518598	2592.99	67.460	69.82
256QAM	531000	2655	67.398	69.81

Spectrum Plot of Worst Value



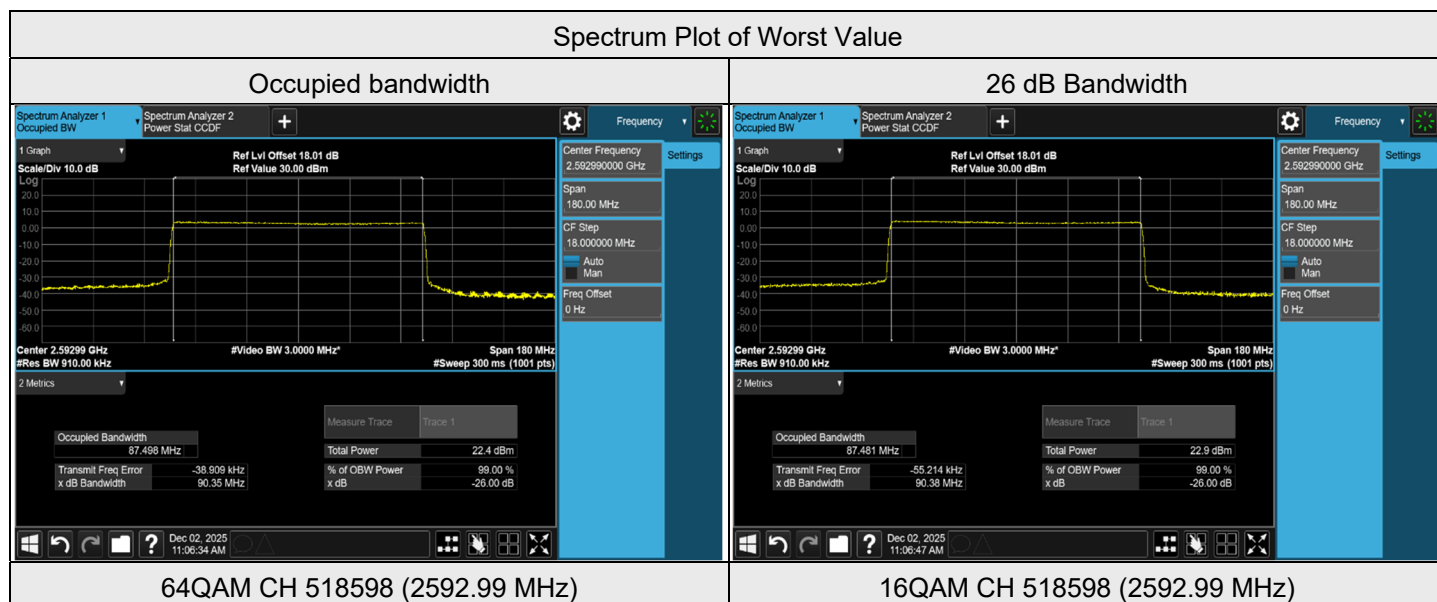
NR n41 SCS 30 kHz, MIMO-Ant 1, Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	507204	2536.02	77.378	80.13
QPSK	518598	2592.99	77.482	80.11
QPSK	529998	2649.99	77.378	80.11
16QAM	507204	2536.02	77.378	80.10
16QAM	518598	2592.99	77.485	80.10
16QAM	529998	2649.99	77.390	80.14
64QAM	507204	2536.02	77.336	80.07
64QAM	518598	2592.99	77.475	80.07
64QAM	529998	2649.99	77.354	80.08
256QAM	507204	2536.02	77.361	80.03
256QAM	518598	2592.99	77.492	80.04
256QAM	529998	2649.99	77.375	80.03



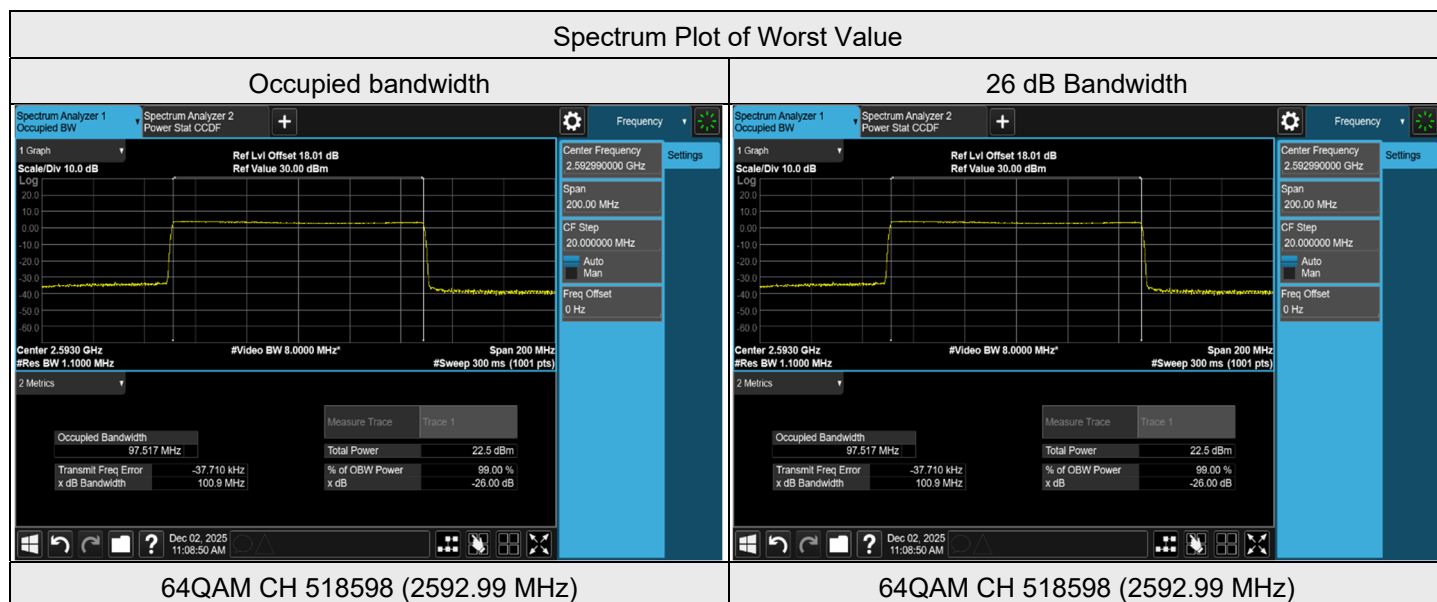
NR n41 SCS 30 kHz, MIMO-Ant 1, Channel Bandwidth: 90 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	508200	2541	87.308	90.34
QPSK	518598	2592.99	87.466	90.36
QPSK	528996	2644.98	87.360	90.34
16QAM	508200	2541	87.336	90.35
16QAM	518598	2592.99	87.481	90.38
16QAM	528996	2644.98	87.363	90.33
64QAM	508200	2541	87.300	90.34
64QAM	518598	2592.99	87.498	90.35
64QAM	528996	2644.98	87.365	90.35
256QAM	508200	2541	87.305	90.32
256QAM	518598	2592.99	87.463	90.35
256QAM	528996	2644.98	87.339	90.33



NR n41 SCS 30 kHz, MIMO-Ant 1, Channel Bandwidth: 100 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	509202	2546.01	97.283	100.9
QPSK	518598	2592.99	97.509	100.9
QPSK	528000	2640	97.411	100.9
16QAM	509202	2546.01	97.303	100.8
16QAM	518598	2592.99	97.490	100.8
16QAM	528000	2640	97.392	100.8
64QAM	509202	2546.01	97.306	100.8
64QAM	518598	2592.99	97.517	100.9
64QAM	528000	2640	97.394	100.9
256QAM	509202	2546.01	97.262	100.8
256QAM	518598	2592.99	97.471	100.8
256QAM	528000	2640	97.398	100.8



7.4.4 NR n66 SCS 15 kHz - SISO

NR n66 SCS 15 kHz, SISO, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	342500	1712.5	4.4823	4.868
BPSK	349000	1745	4.4803	4.886
BPSK	355500	1777.5	4.4807	4.873
QPSK	342500	1712.5	4.4711	4.967
QPSK	349000	1745	4.4653	4.972
QPSK	355500	1777.5	4.4722	4.967
16QAM	342500	1712.5	4.4752	4.895
16QAM	349000	1745	4.4712	4.945
16QAM	355500	1777.5	4.4746	4.874
64QAM	342500	1712.5	4.4688	4.866
64QAM	349000	1745	4.4725	4.969
64QAM	355500	1777.5	4.4687	4.878
256QAM	342500	1712.5	4.4753	4.911
256QAM	349000	1745	4.4761	4.937
256QAM	355500	1777.5	4.4753	4.949

Spectrum Plot of Worst Value

