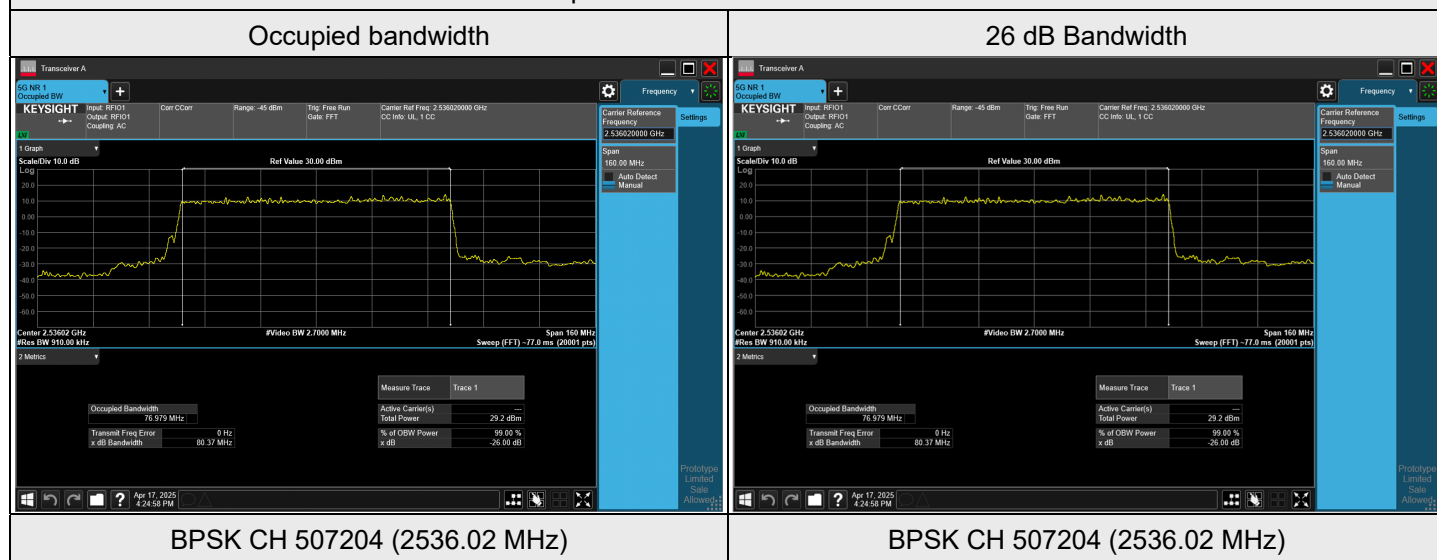


NR n41 SCS 30 kHz, Ant. 3, Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	507204	2536.02	76.979	80.37
BPSK	518598	2592.99	76.882	79.99
BPSK	529998	2649.99	76.835	79.94

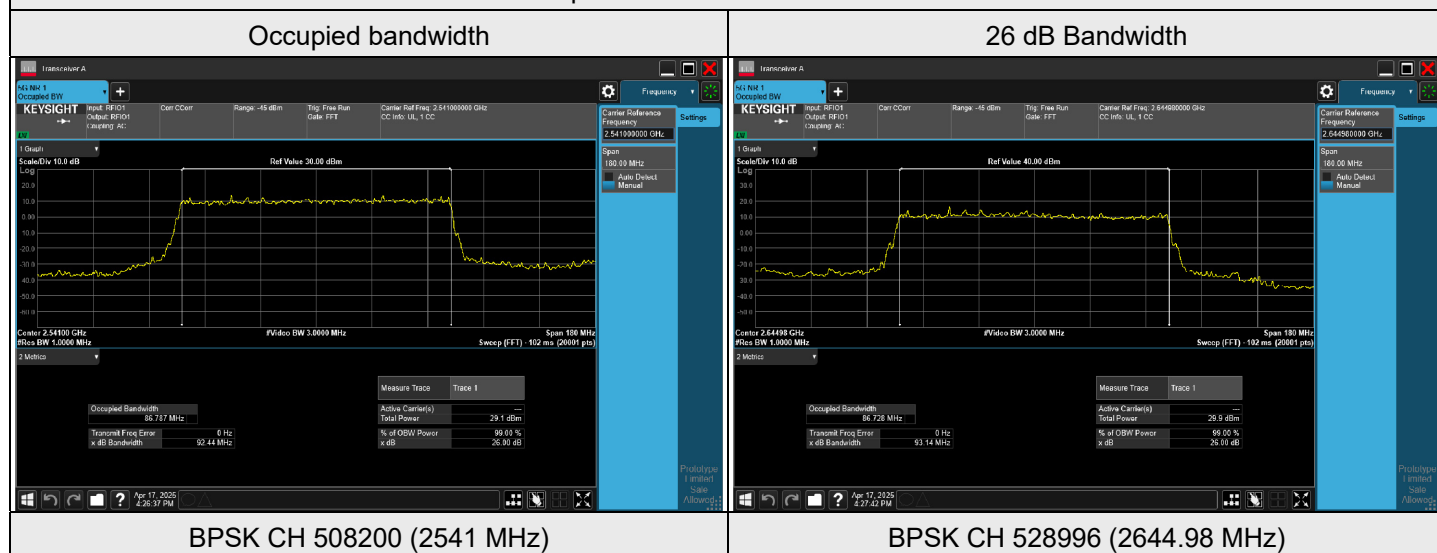
Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, Ant. 3, Channel Bandwidth: 90 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	508200	2541	86.787	92.44
BPSK	518598	2592.99	86.724	90.26
BPSK	528996	2644.98	86.728	93.14

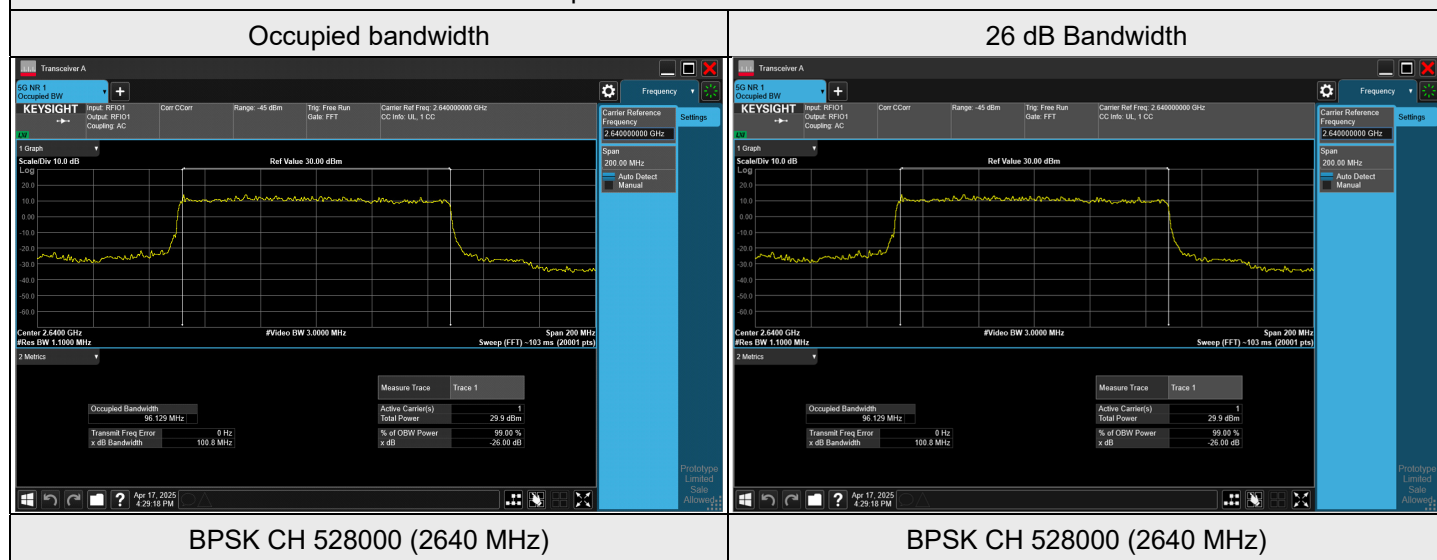
Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, Ant. 3, Channel Bandwidth: 100 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	509202	2546.01	96.002	99.78
BPSK	518598	2592.99	95.981	99.59
BPSK	528000	2640	96.129	100.8

Spectrum Plot of Worst Value

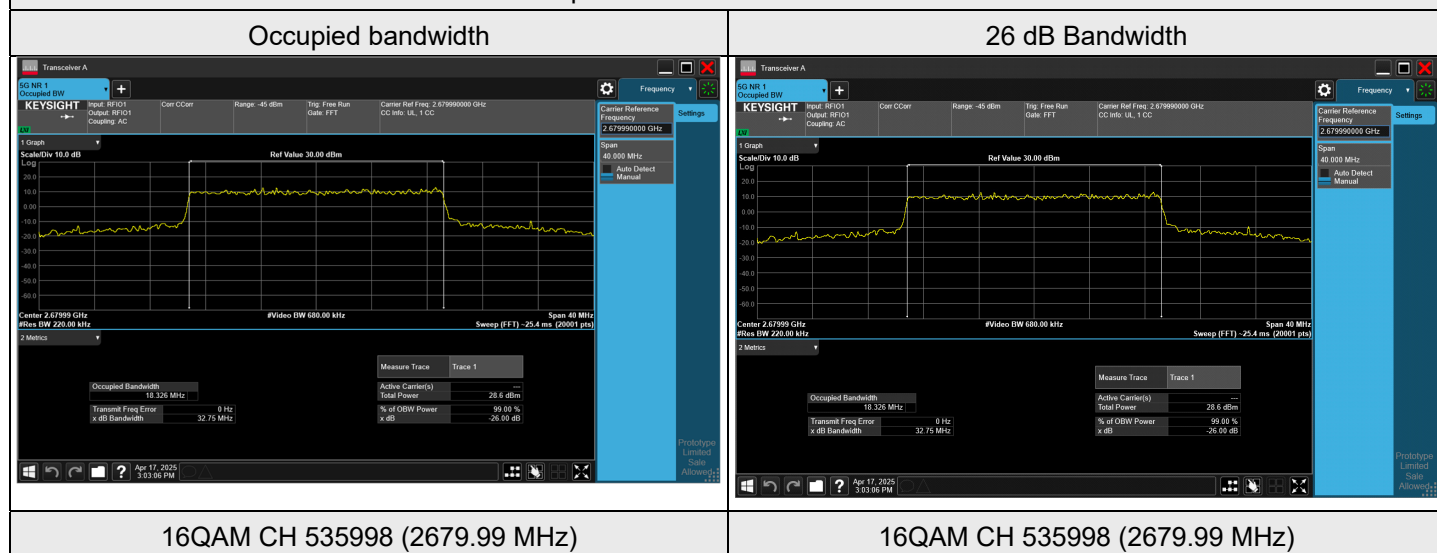


7.4.13 NR n41 SCS 30 kHz (MIMO)

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	18.273	20.38
QPSK	518598	2592.99	18.268	20.22
QPSK	535998	2679.99	18.269	23.60
16QAM	501204	2506.02	18.226	22.48
16QAM	518598	2592.99	18.241	20.27
16QAM	535998	2679.99	18.326	32.75
64QAM	501204	2506.02	18.249	21.05
64QAM	518598	2592.99	18.245	19.74
64QAM	535998	2679.99	18.322	25.00
256QAM	501204	2506.02	18.184	19.65
256QAM	518598	2592.99	18.205	20.27
256QAM	535998	2679.99	18.234	19.85

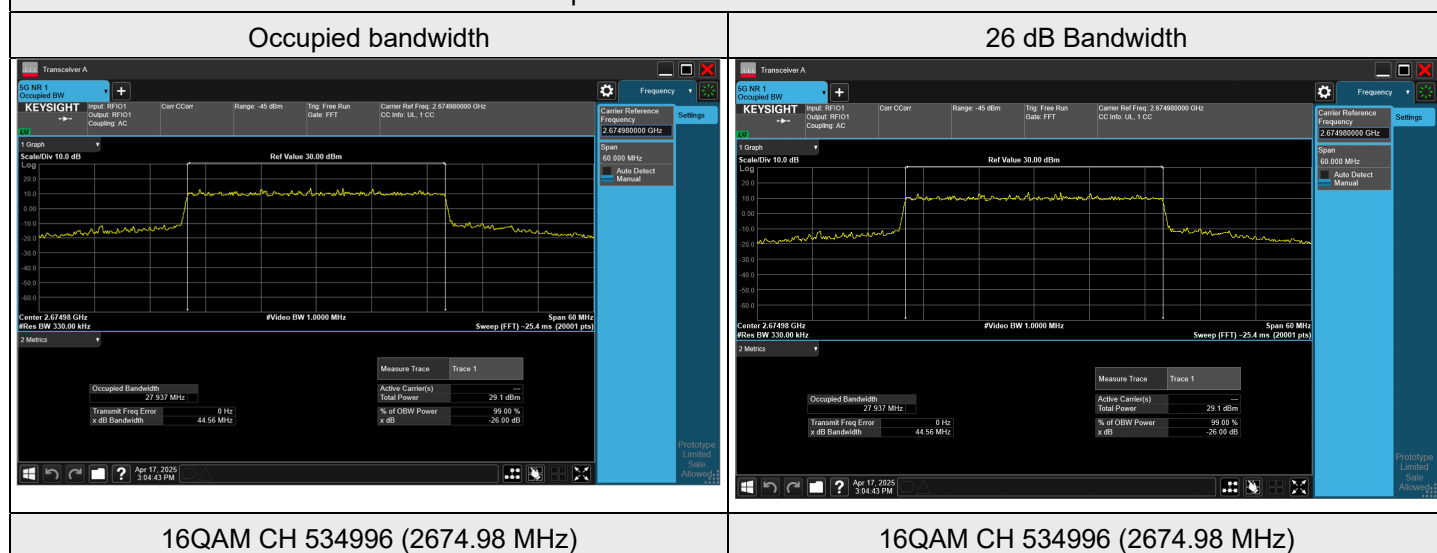
Spectrum Plot of Worst Value



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	27.865	29.65
QPSK	518598	2592.99	27.858	29.49
QPSK	534996	2674.98	27.843	41.88
16QAM	502200	2511	27.811	29.51
16QAM	518598	2592.99	27.913	30.78
16QAM	534996	2674.98	27.937	44.56
64QAM	502200	2511	27.859	30.76
64QAM	518598	2592.99	27.859	30.98
64QAM	534996	2674.98	27.930	32.15
256QAM	502200	2511	27.829	31.02
256QAM	518598	2592.99	27.836	30.28
256QAM	534996	2674.98	27.853	29.68

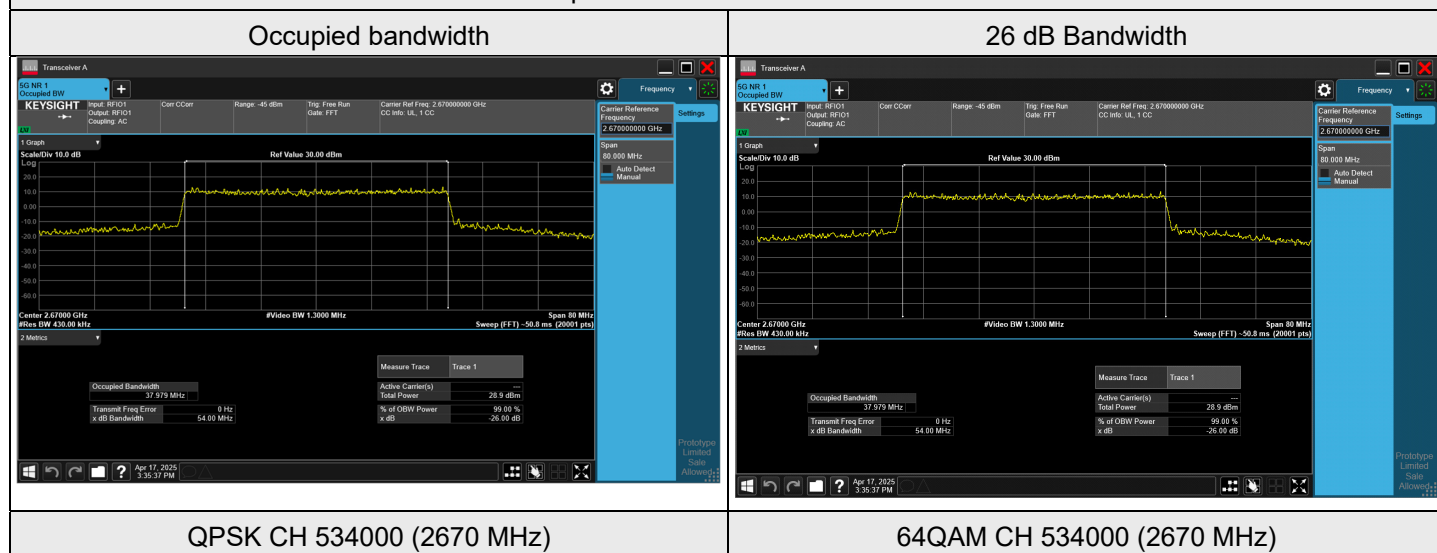
Spectrum Plot of Worst Value



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	37.881	41.79
QPSK	518598	2592.99	37.860	40.07
QPSK	534000	2670	38.081	51.35
16QAM	503202	2516.01	37.778	39.74
16QAM	518598	2592.99	37.775	39.72
16QAM	534000	2670	38.019	52.97
64QAM	503202	2516.01	37.828	40.69
64QAM	518598	2592.99	37.868	42.73
64QAM	534000	2670	37.979	54.00
256QAM	503202	2516.01	37.739	41.56
256QAM	518598	2592.99	37.747	41.35
256QAM	534000	2670	37.802	43.35

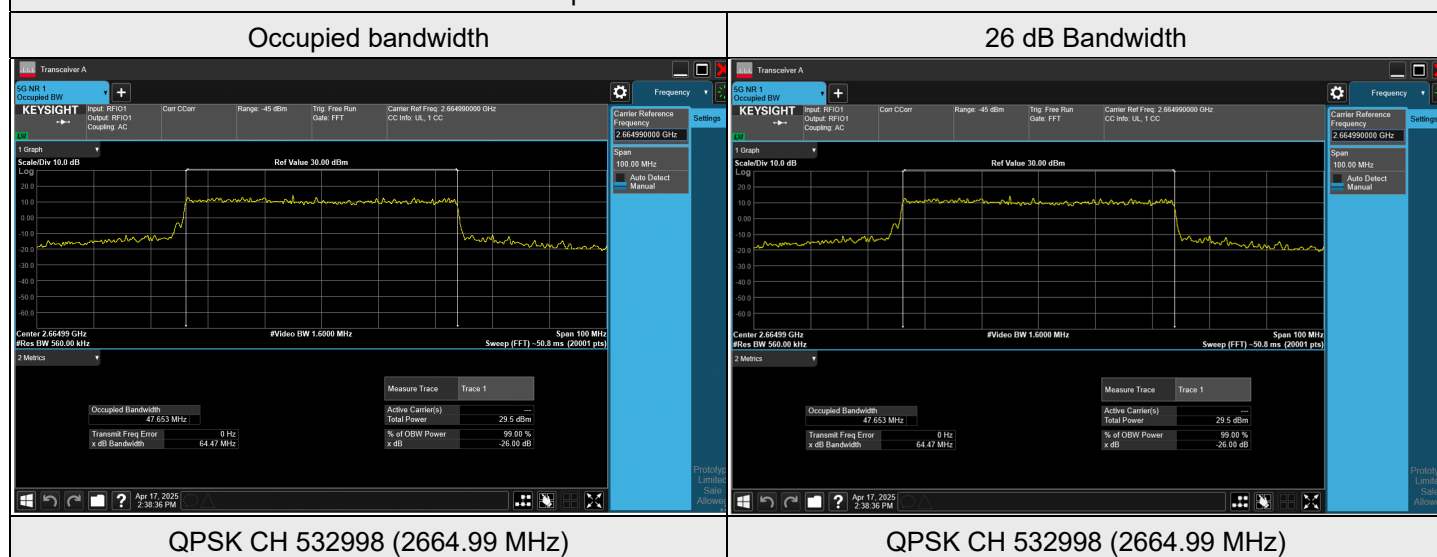
Spectrum Plot of Worst Value



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	47.414	49.73
QPSK	518598	2592.99	47.502	51.36
QPSK	532998	2664.99	47.653	64.47
16QAM	504204	2521.02	47.594	52.52
16QAM	518598	2592.99	47.450	49.87
16QAM	532998	2664.99	47.625	50.71
64QAM	504204	2521.02	47.553	53.67
64QAM	518598	2592.99	47.564	55.49
64QAM	532998	2664.99	47.550	62.82
256QAM	504204	2521.02	47.402	50.72
256QAM	518598	2592.99	47.403	49.59
256QAM	532998	2664.99	47.483	49.47

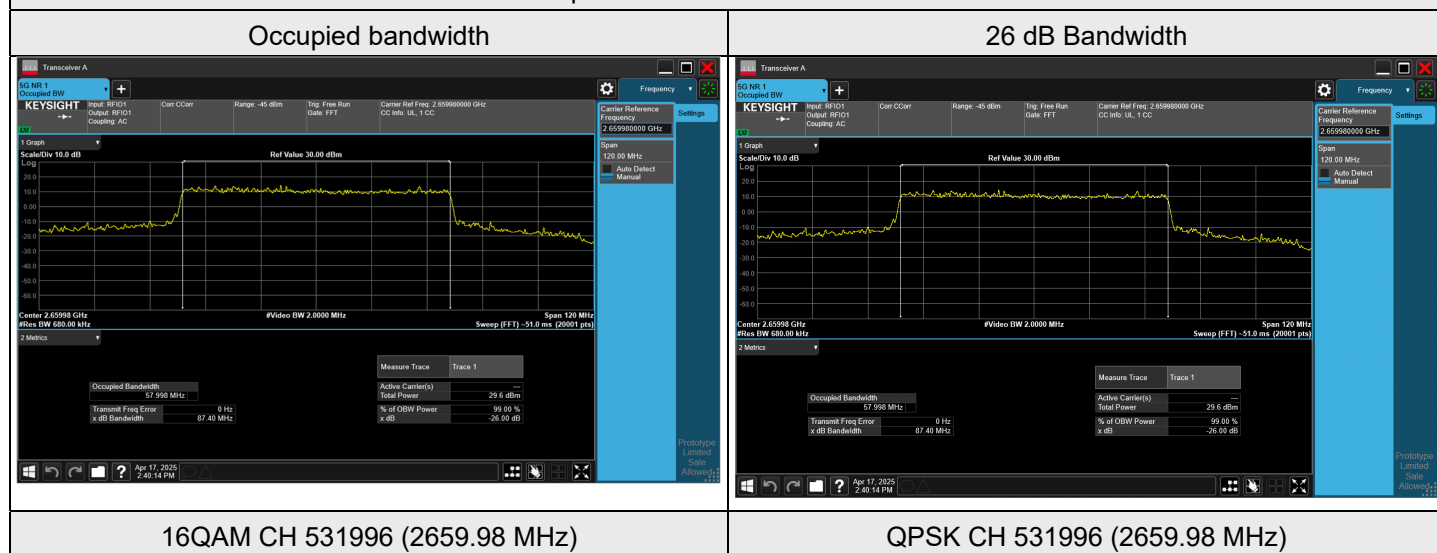
Spectrum Plot of Worst Value



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	57.709	63.55
QPSK	518598	2592.99	57.880	62.88
QPSK	531996	2659.98	57.998	87.40
16QAM	505200	2526	57.784	61.85
16QAM	518598	2592.99	57.853	60.32
16QAM	531996	2659.98	58.146	82.44
64QAM	505200	2526	57.723	61.84
64QAM	518598	2592.99	57.785	60.78
64QAM	531996	2659.98	57.917	82.74
256QAM	505200	2526	57.756	63.58
256QAM	518598	2592.99	57.757	64.00
256QAM	531996	2659.98	57.783	63.14

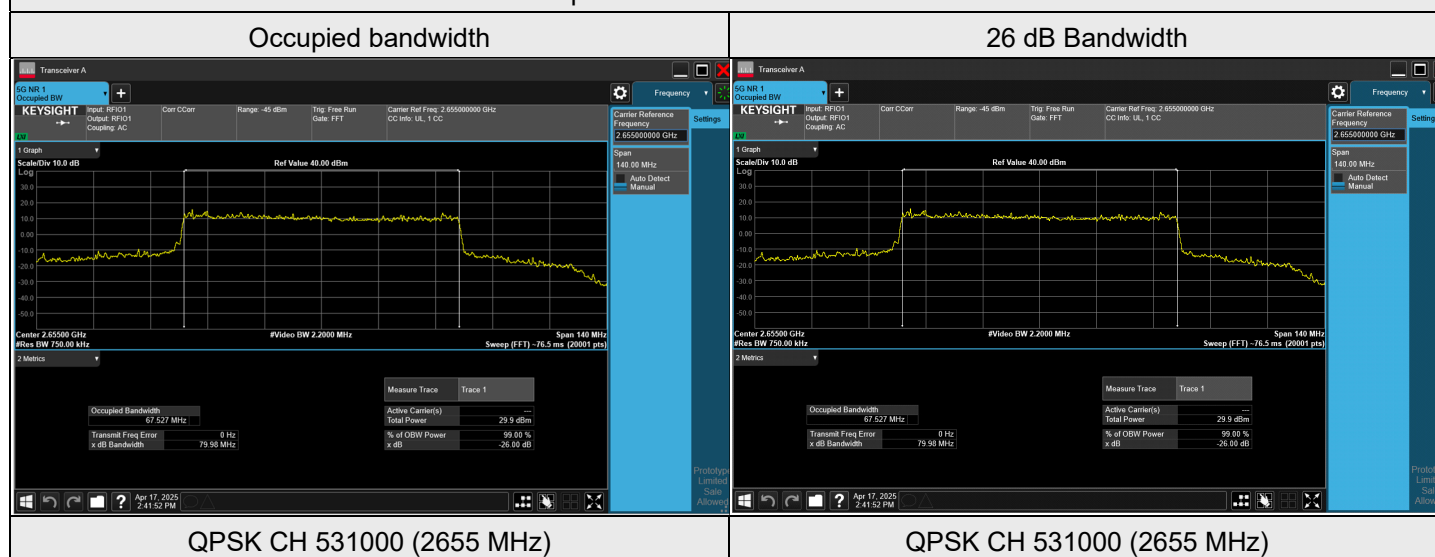
Spectrum Plot of Worst Value



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	67.275	70.10
QPSK	518598	2592.99	67.396	70.24
QPSK	531000	2655	67.527	79.98
16QAM	506202	2531.01	67.438	79.27
16QAM	518598	2592.99	67.400	73.76
16QAM	531000	2655	67.497	73.41
64QAM	506202	2531.01	67.358	72.30
64QAM	518598	2592.99	67.428	72.03
64QAM	531000	2655	67.425	72.31
256QAM	506202	2531.01	67.439	72.96
256QAM	518598	2592.99	67.383	71.12
256QAM	531000	2655	67.359	74.38

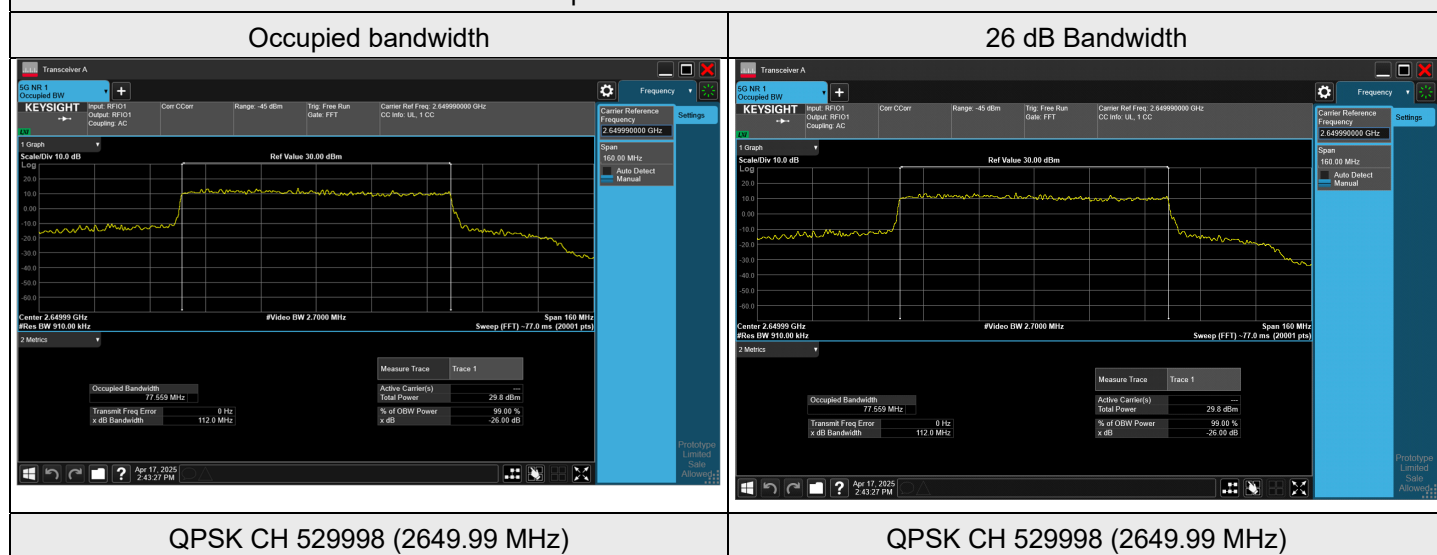
Spectrum Plot of Worst Value



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	77.328	81.89
QPSK	518598	2592.99	77.365	80.71
QPSK	529998	2649.99	77.559	112.0
16QAM	507204	2536.02	77.255	80.50
16QAM	518598	2592.99	77.492	85.71
16QAM	529998	2649.99	77.414	80.68
64QAM	507204	2536.02	77.411	84.06
64QAM	518598	2592.99	77.490	81.19
64QAM	529998	2649.99	77.478	96.67
256QAM	507204	2536.02	77.537	80.15
256QAM	518598	2592.99	77.543	82.68
256QAM	529998	2649.99	77.430	80.26

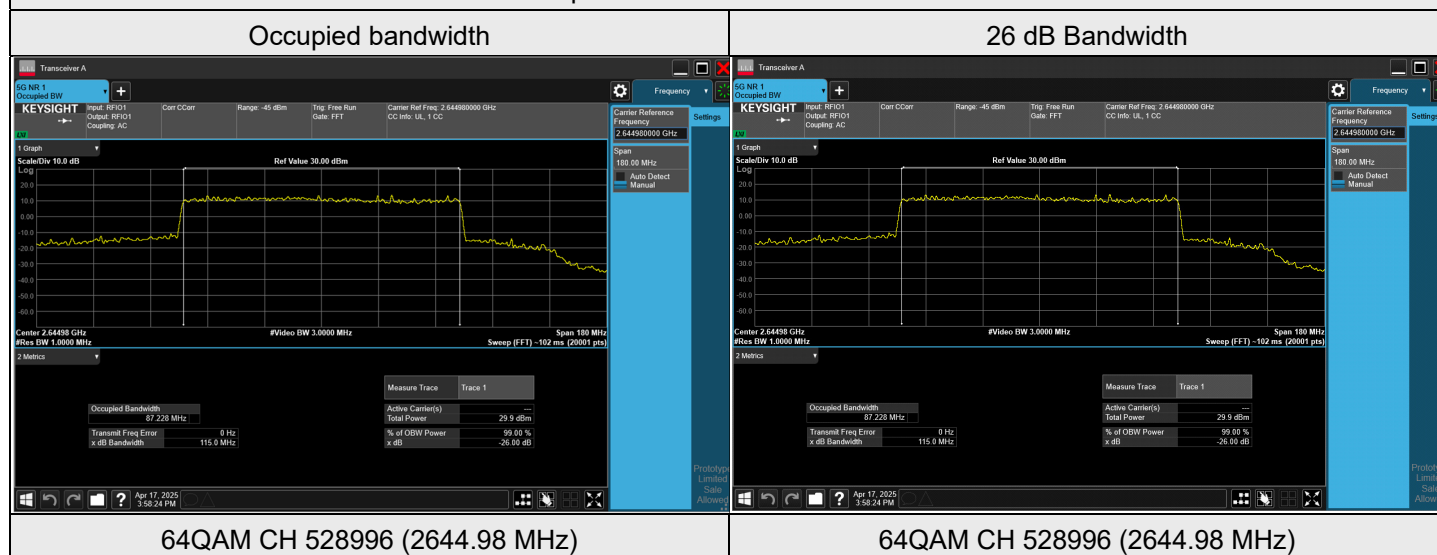
Spectrum Plot of Worst Value



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	87.217	91.94
QPSK	518598	2592.99	87.162	92.03
QPSK	528996	2644.98	87.157	112.6
16QAM	508200	2541	87.137	91.86
16QAM	518598	2592.99	87.189	96.08
16QAM	528996	2644.98	87.191	93.59
64QAM	508200	2541	87.146	90.80
64QAM	518598	2592.99	87.128	91.36
64QAM	528996	2644.98	87.228	115.0
256QAM	508200	2541	87.002	93.46
256QAM	518598	2592.99	87.140	91.15
256QAM	528996	2644.98	87.072	90.80

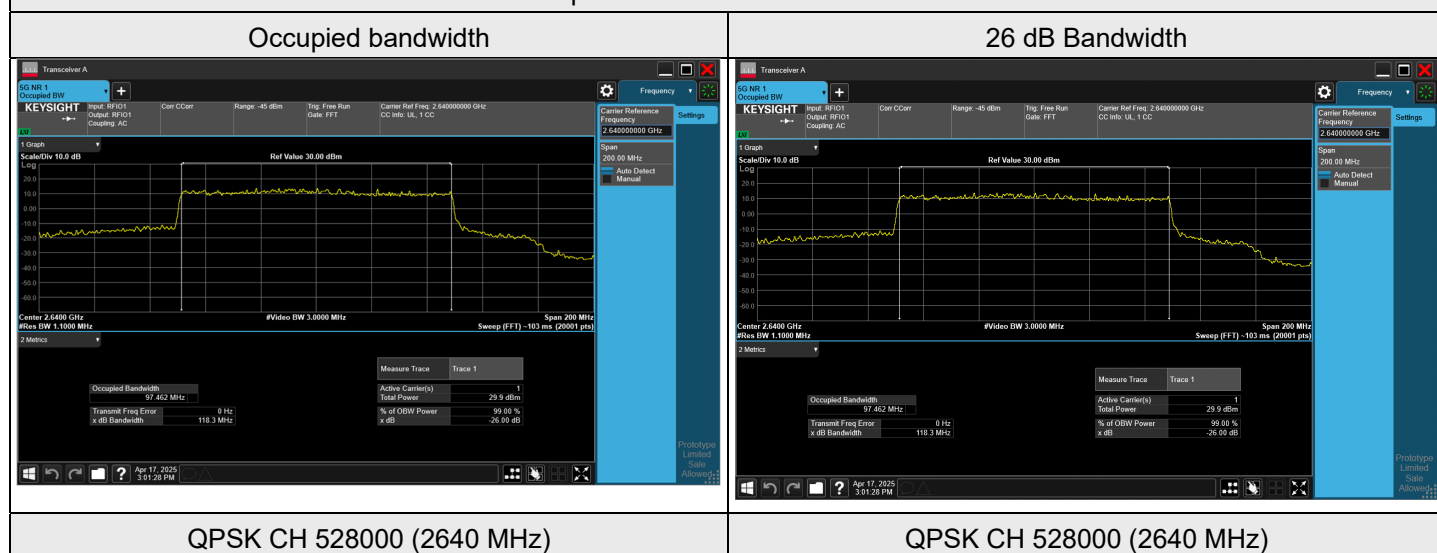
Spectrum Plot of Worst Value



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	97.188	100.8
QPSK	518598	2592.99	97.202	102.3
QPSK	528000	2640	97.462	118.3
16QAM	509202	2546.01	97.162	100.9
16QAM	518598	2592.99	97.184	101.1
16QAM	528000	2640	97.387	108.8
64QAM	509202	2546.01	97.270	100.7
64QAM	518598	2592.99	97.343	104.4
64QAM	528000	2640	97.407	114.0
256QAM	509202	2546.01	97.004	102.7
256QAM	518598	2592.99	97.081	100.8
256QAM	528000	2640	97.113	100.8

Spectrum Plot of Worst Value



NR n41 SCS 30 kHz, MIMO-Ant. 3, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	501204	2506.02	18.241	21.54
QPSK	518598	2592.99	18.244	19.75
QPSK	535998	2679.99	18.348	33.66
16QAM	501204	2506.02	18.269	21.68
16QAM	518598	2592.99	18.285	22.16
16QAM	535998	2679.99	18.266	31.69
64QAM	501204	2506.02	18.261	19.67
64QAM	518598	2592.99	18.270	21.08
64QAM	535998	2679.99	18.266	26.57
256QAM	501204	2506.02	18.200	19.99
256QAM	518598	2592.99	18.198	20.01
256QAM	535998	2679.99	18.240	20.94

Spectrum Plot of Worst Value

