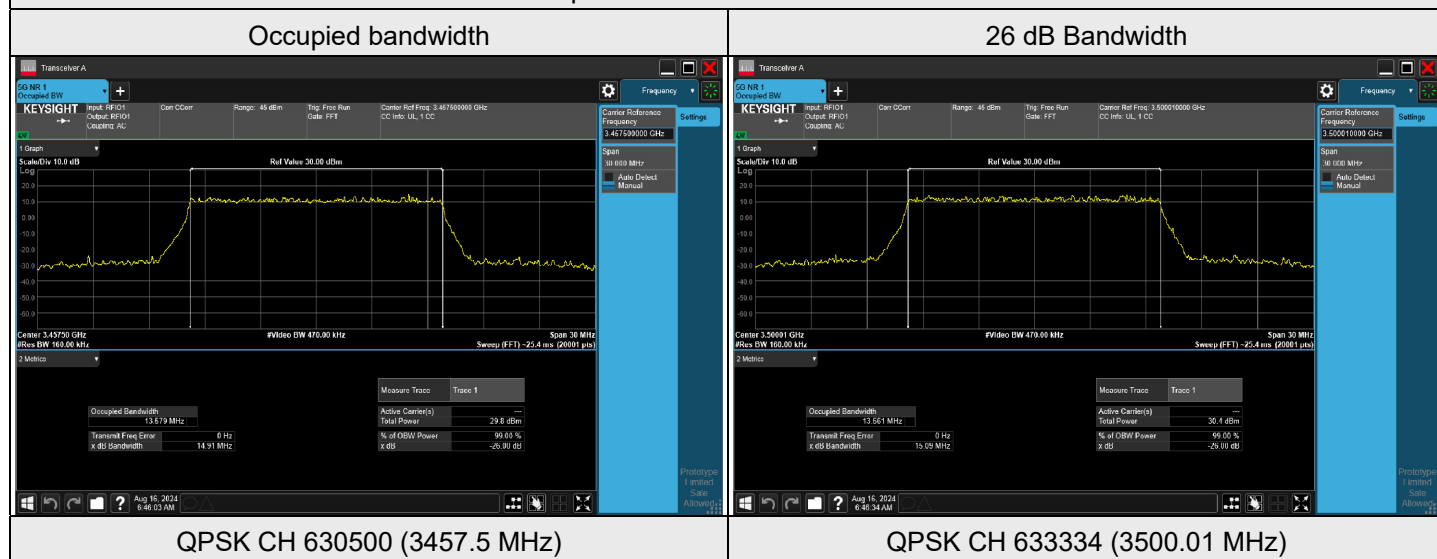


NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 0, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630500	3457.5	13.513	13.91
BPSK	633334	3500.01	13.524	14.09
BPSK	636166	3542.49	13.513	13.93
QPSK	630500	3457.5	13.579	14.91
QPSK	633334	3500.01	13.561	15.09
QPSK	636166	3542.49	13.576	14.85
16QAM	630500	3457.5	13.564	14.55
16QAM	633334	3500.01	13.573	14.82
16QAM	636166	3542.49	13.576	14.64
64QAM	630500	3457.5	13.563	14.83
64QAM	633334	3500.01	13.579	14.81
64QAM	636166	3542.49	13.564	14.83
256QAM	630500	3457.5	13.558	14.71
256QAM	633334	3500.01	13.554	14.83
256QAM	636166	3542.49	13.549	14.84

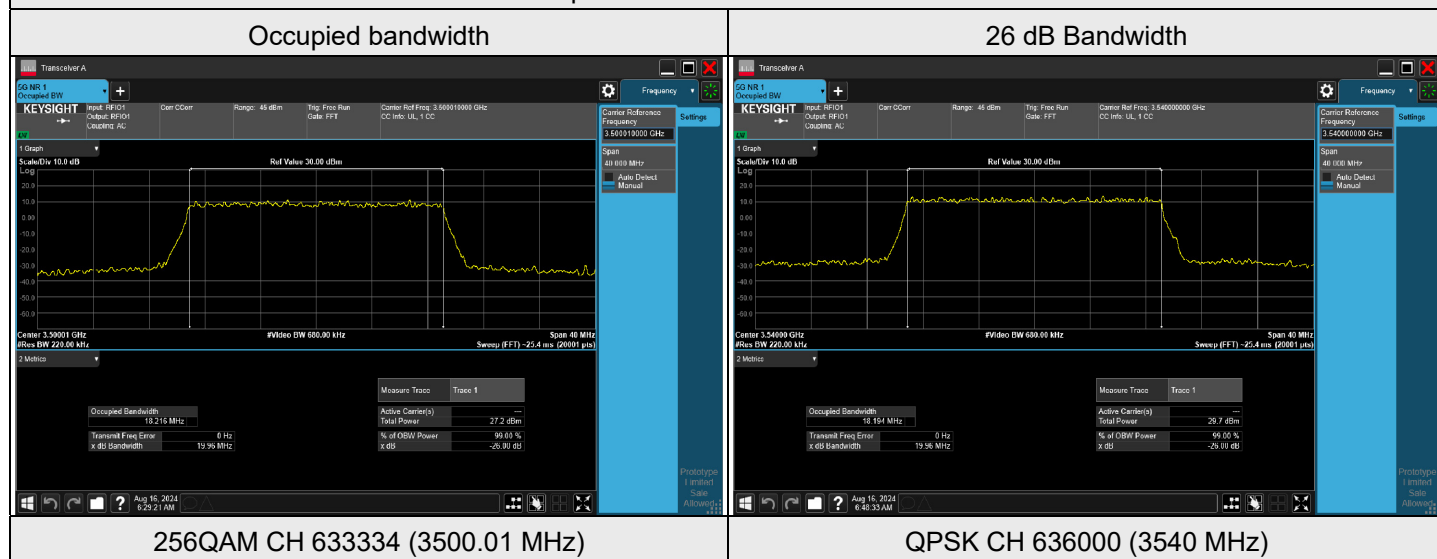
Spectrum Plot of Worst Value



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 0, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630668	3460.02	17.969	19.13
BPSK	633334	3500.01	17.978	18.95
BPSK	636000	3540	17.981	18.95
QPSK	630668	3460.02	18.173	19.74
QPSK	633334	3500.01	18.177	19.69
QPSK	636000	3540	18.194	19.96
16QAM	630668	3460.02	18.201	19.61
16QAM	633334	3500.01	18.201	19.63
16QAM	636000	3540	18.202	19.55
64QAM	630668	3460.02	18.185	19.74
64QAM	633334	3500.01	18.152	19.47
64QAM	636000	3540	18.184	19.59
256QAM	630668	3460.02	18.154	19.57
256QAM	633334	3500.01	18.216	19.96
256QAM	636000	3540	18.214	19.94

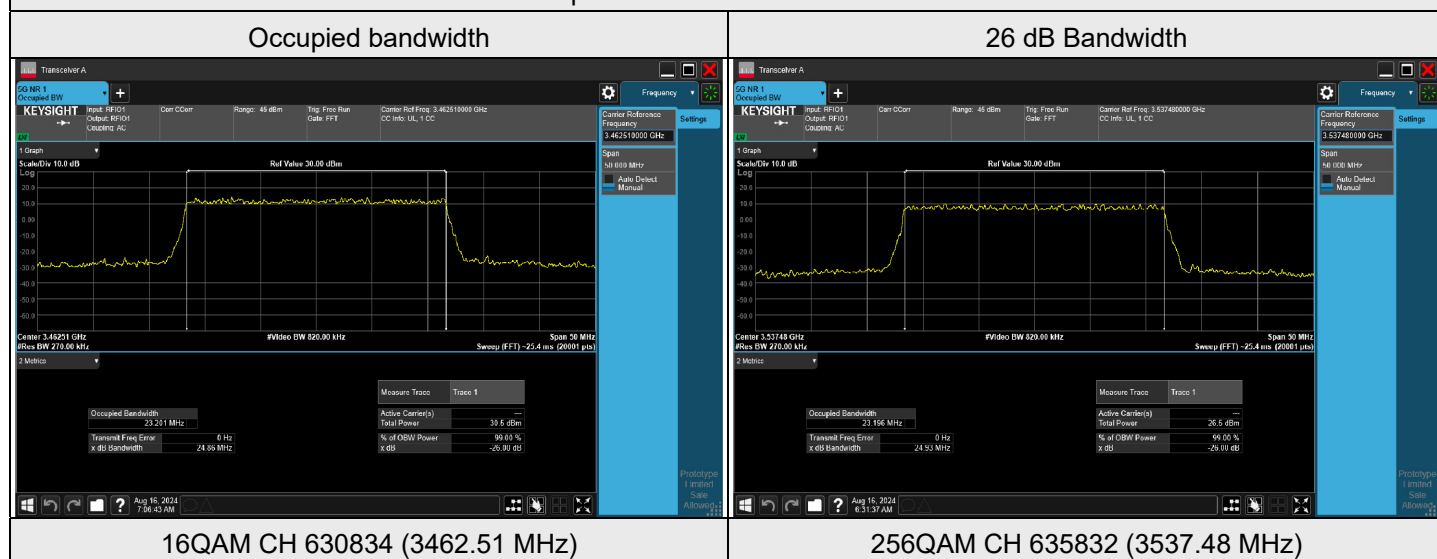
Spectrum Plot of Worst Value



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 0, Channel Bandwidth: 25 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630834	3462.51	23.072	24.55
BPSK	633334	3500.01	23.151	24.70
BPSK	635832	3537.48	23.106	24.47
QPSK	630834	3462.51	23.165	24.76
QPSK	633334	3500.01	23.157	24.49
QPSK	635832	3537.48	23.192	24.78
16QAM	630834	3462.51	23.201	24.86
16QAM	633334	3500.01	23.186	24.74
16QAM	635832	3537.48	23.201	24.71
64QAM	630834	3462.51	23.165	24.76
64QAM	633334	3500.01	23.150	24.37
64QAM	635832	3537.48	23.161	24.89
256QAM	630834	3462.51	23.191	24.82
256QAM	633334	3500.01	23.185	24.66
256QAM	635832	3537.48	23.196	24.93

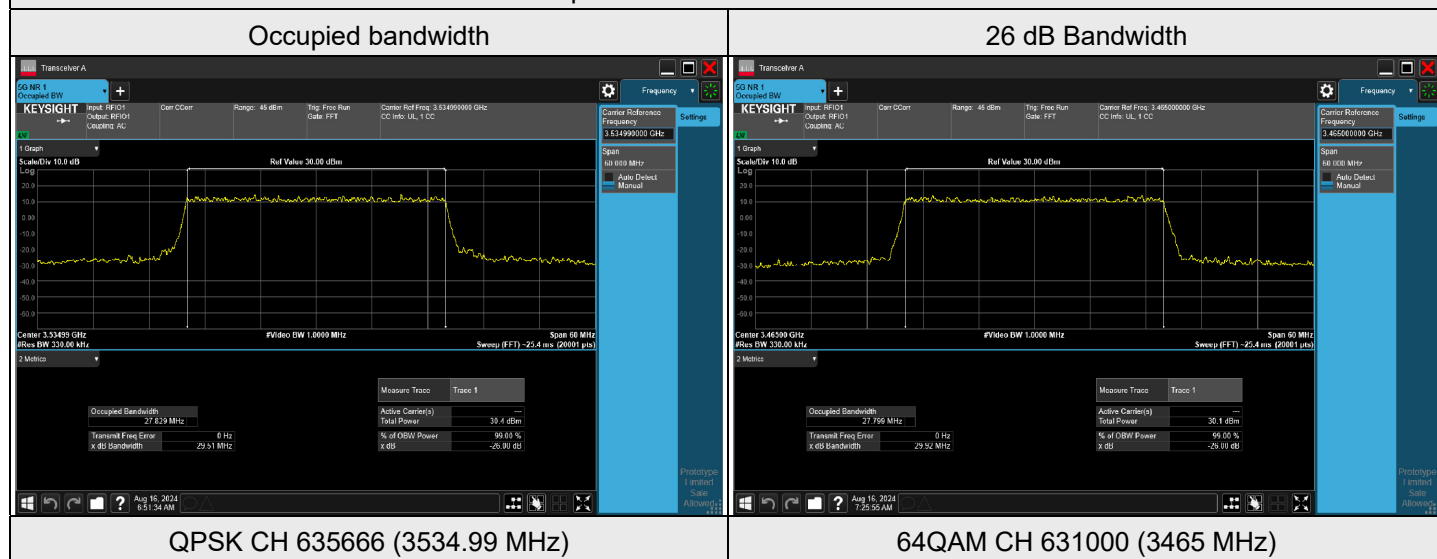
Spectrum Plot of Worst Value



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 0, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	631000	3465	27.627	28.74
BPSK	633334	3500.01	27.577	28.68
BPSK	635666	3534.99	27.609	28.82
QPSK	631000	3465	27.824	29.43
QPSK	633334	3500.01	27.805	29.60
QPSK	635666	3534.99	27.829	29.51
16QAM	631000	3465	27.770	29.29
16QAM	633334	3500.01	27.747	29.28
16QAM	635666	3534.99	27.781	29.15
64QAM	631000	3465	27.799	29.92
64QAM	633334	3500.01	27.786	29.77
64QAM	635666	3534.99	27.799	29.69
256QAM	631000	3465	27.789	29.36
256QAM	633334	3500.01	27.769	29.40
256QAM	635666	3534.99	27.788	29.30

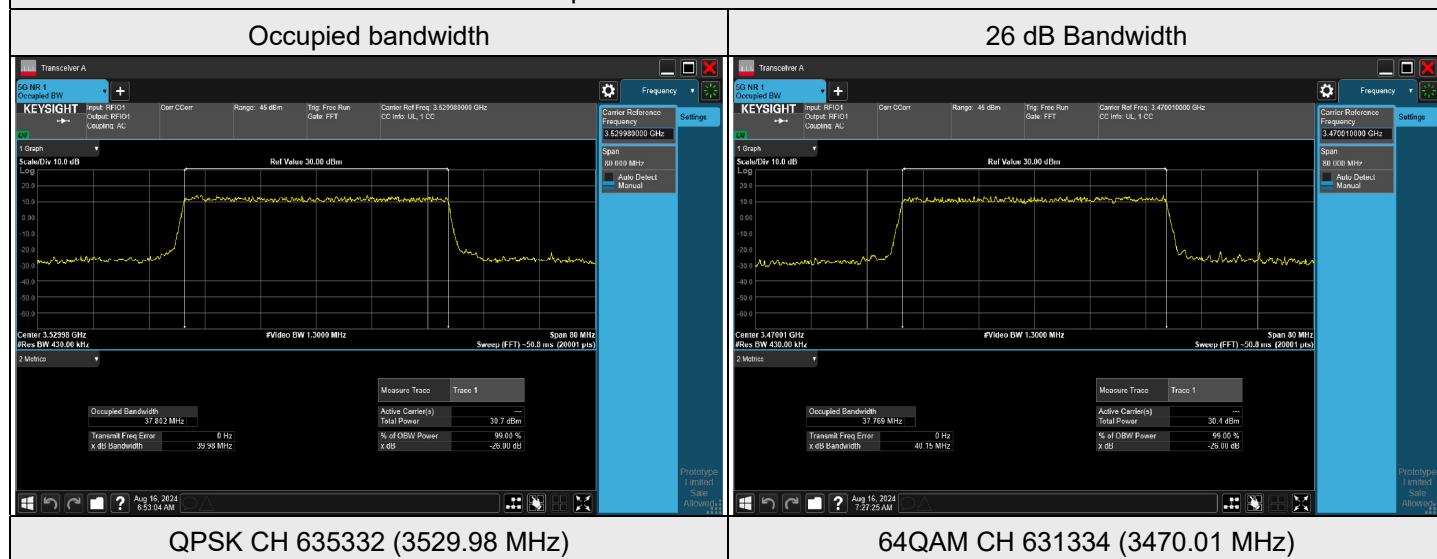
Spectrum Plot of Worst Value



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 0, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	631334	3470.01	37.361	37.72
BPSK	633334	3500.01	37.425	37.65
BPSK	635332	3529.98	37.475	37.59
QPSK	631334	3470.01	37.800	39.91
QPSK	633334	3500.01	37.786	39.77
QPSK	635332	3529.98	37.802	39.98
16QAM	631334	3470.01	37.755	39.60
16QAM	633334	3500.01	37.683	39.55
16QAM	635332	3529.98	37.738	39.69
64QAM	631334	3470.01	37.769	40.15
64QAM	633334	3500.01	37.696	39.89
64QAM	635332	3529.98	37.730	39.96
256QAM	631334	3470.01	37.681	39.78
256QAM	633334	3500.01	37.634	39.82
256QAM	635332	3529.98	37.697	39.90

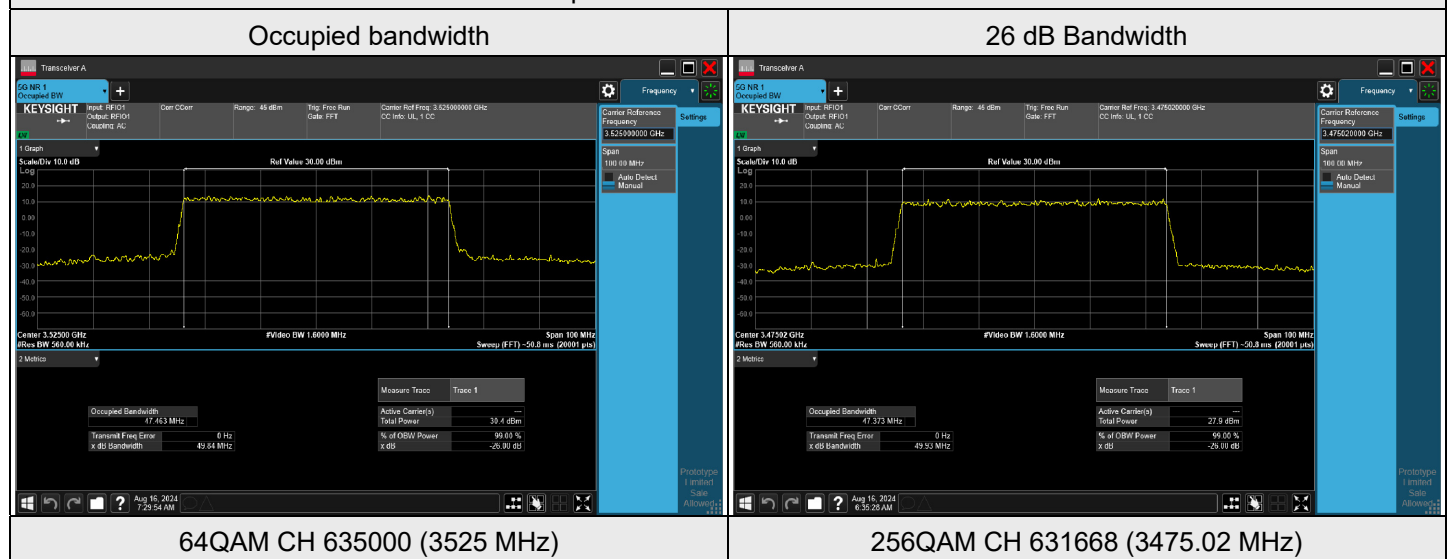
Spectrum Plot of Worst Value



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 0, Channel Bandwidth: 50 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	631668	3475.02	46.933	48.05
BPSK	633334	3500.01	46.893	48.00
BPSK	635000	3525	47.070	47.90
QPSK	631668	3475.02	47.392	49.70
QPSK	633334	3500.01	47.343	49.67
QPSK	635000	3525	47.400	49.70
16QAM	631668	3475.02	47.373	49.73
16QAM	633334	3500.01	47.302	49.53
16QAM	635000	3525	47.411	49.74
64QAM	631668	3475.02	47.422	49.85
64QAM	633334	3500.01	47.394	49.89
64QAM	635000	3525	47.463	49.84
256QAM	631668	3475.02	47.373	49.93
256QAM	633334	3500.01	47.323	49.81
256QAM	635000	3525	47.391	49.90

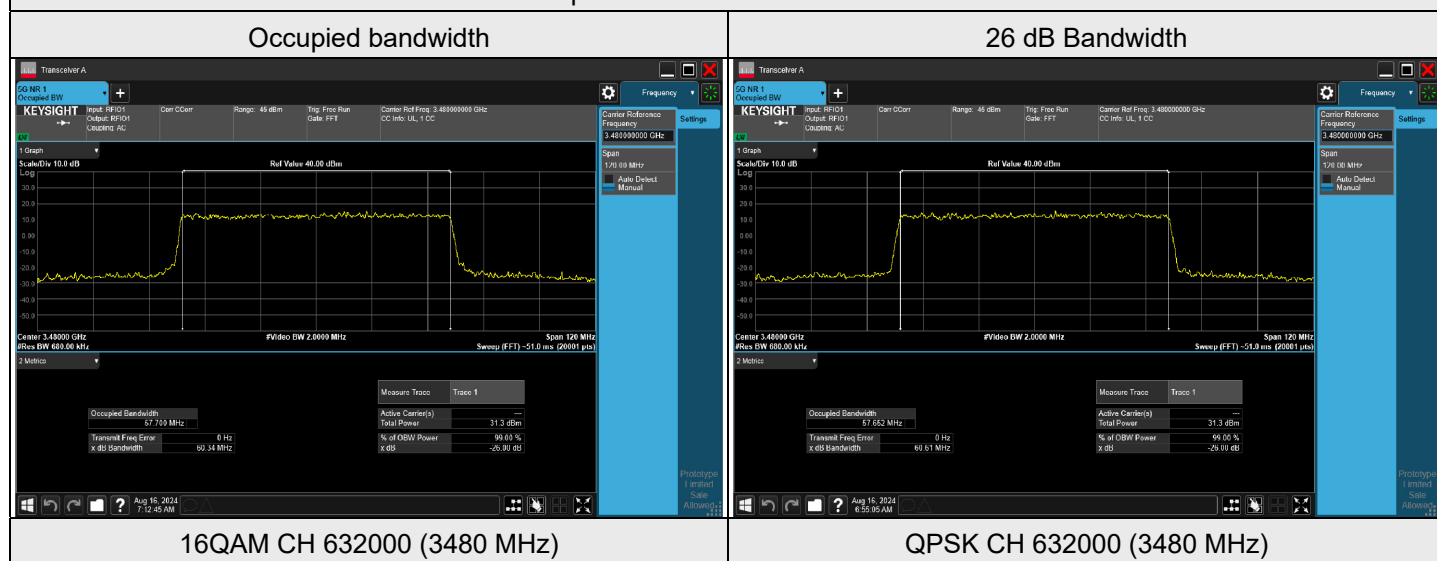
Spectrum Plot of Worst Value



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 0, Channel Bandwidth: 60 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	632000	3480	57.698	60.14
BPSK	633334	3500.01	57.594	60.26
BPSK	634666	3519.99	57.663	60.33
QPSK	632000	3480	57.652	60.61
QPSK	633334	3500.01	57.565	60.48
QPSK	634666	3519.99	57.676	60.48
16QAM	632000	3480	57.700	60.34
16QAM	633334	3500.01	57.637	60.26
16QAM	634666	3519.99	57.699	60.26
64QAM	632000	3480	57.686	60.26
64QAM	633334	3500.01	57.653	60.40
64QAM	634666	3519.99	57.672	60.17
256QAM	632000	3480	57.614	60.29
256QAM	633334	3500.01	57.603	60.17
256QAM	634666	3519.99	57.627	60.20

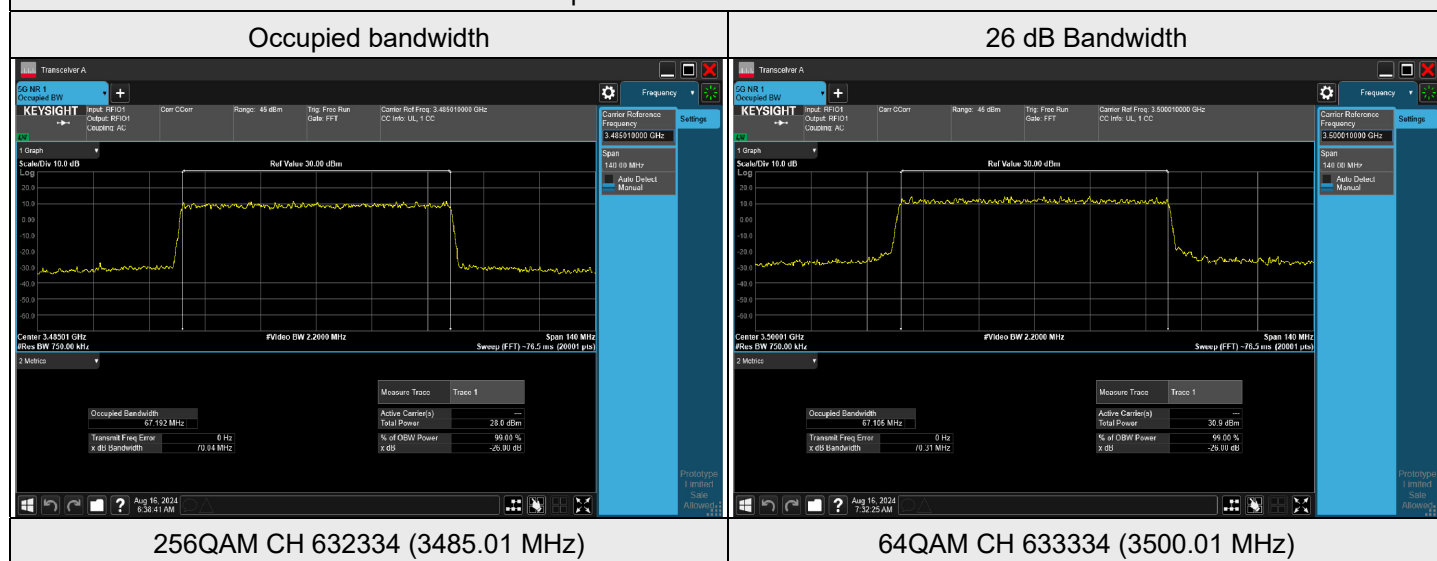
Spectrum Plot of Worst Value



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 0, Channel Bandwidth: 70 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	632334	3485.01	66.724	66.92
BPSK	633334	3500.01	66.686	66.83
BPSK	634332	3514.98	66.812	66.87
QPSK	632334	3485.01	67.134	70.18
QPSK	633334	3500.01	67.116	70.19
QPSK	634332	3514.98	67.150	70.29
16QAM	632334	3485.01	67.188	70.14
16QAM	633334	3500.01	67.150	70.06
16QAM	634332	3514.98	67.165	70.02
64QAM	632334	3485.01	67.092	70.11
64QAM	633334	3500.01	67.105	70.31
64QAM	634332	3514.98	67.078	70.17
256QAM	632334	3485.01	67.192	70.04
256QAM	633334	3500.01	67.164	69.73
256QAM	634332	3514.98	67.159	69.87

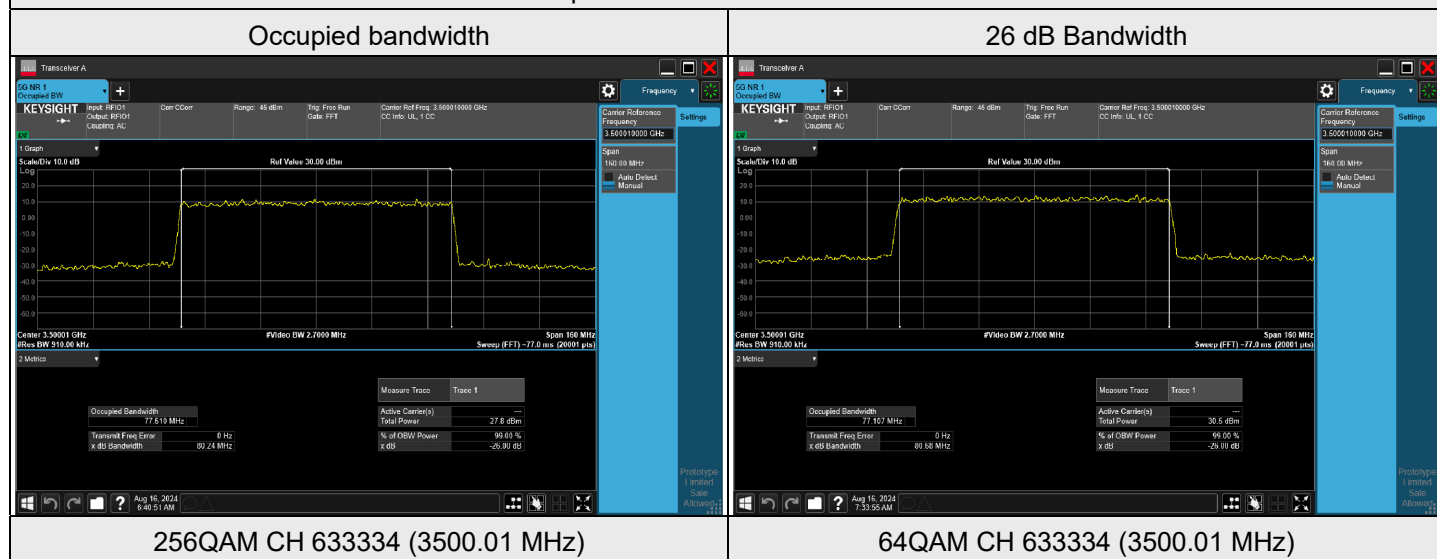
Spectrum Plot of Worst Value



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 0, Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	632668	3490.02	76.886	80.25
BPSK	633334	3500.01	76.866	80.14
BPSK	634000	3510	76.885	79.97
QPSK	632668	3490.02	77.240	80.59
QPSK	633334	3500.01	77.104	80.40
QPSK	634000	3510	77.143	80.41
16QAM	632668	3490.02	77.240	80.49
16QAM	633334	3500.01	77.250	80.35
16QAM	634000	3510	77.298	80.38
64QAM	632668	3490.02	77.142	80.53
64QAM	633334	3500.01	77.107	80.68
64QAM	634000	3510	77.158	80.57
256QAM	632668	3490.02	77.474	80.20
256QAM	633334	3500.01	77.510	80.24
256QAM	634000	3510	77.473	80.34

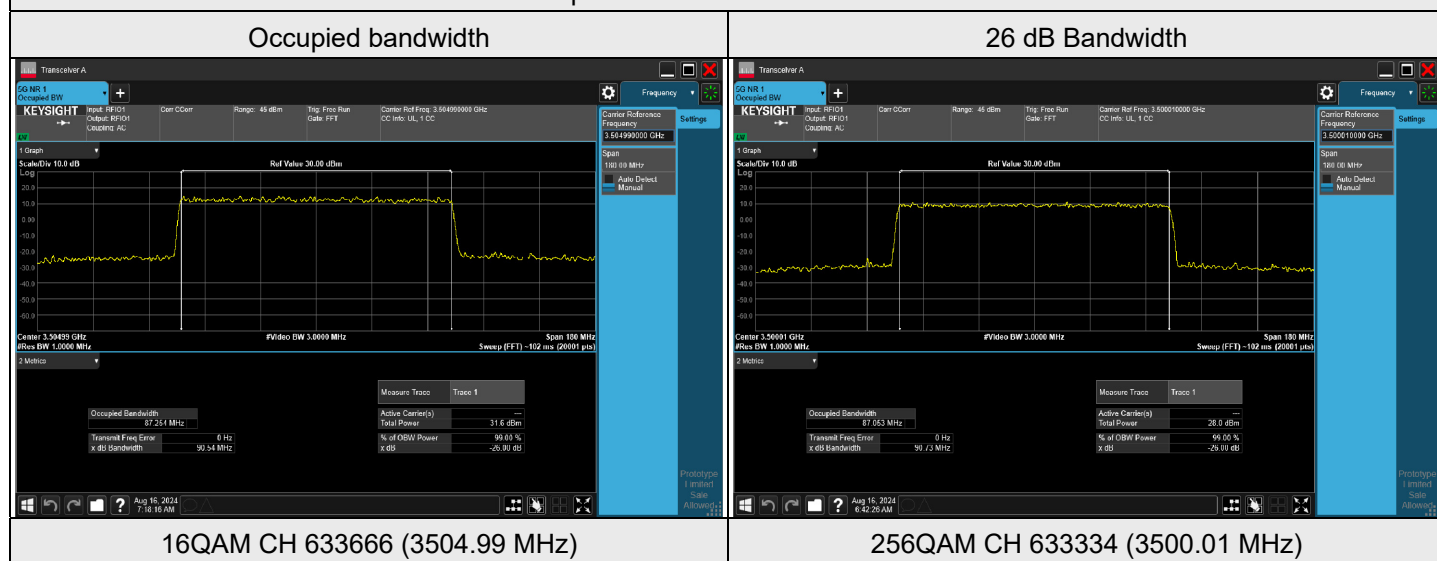
Spectrum Plot of Worst Value



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 0, Channel Bandwidth: 90 MHz

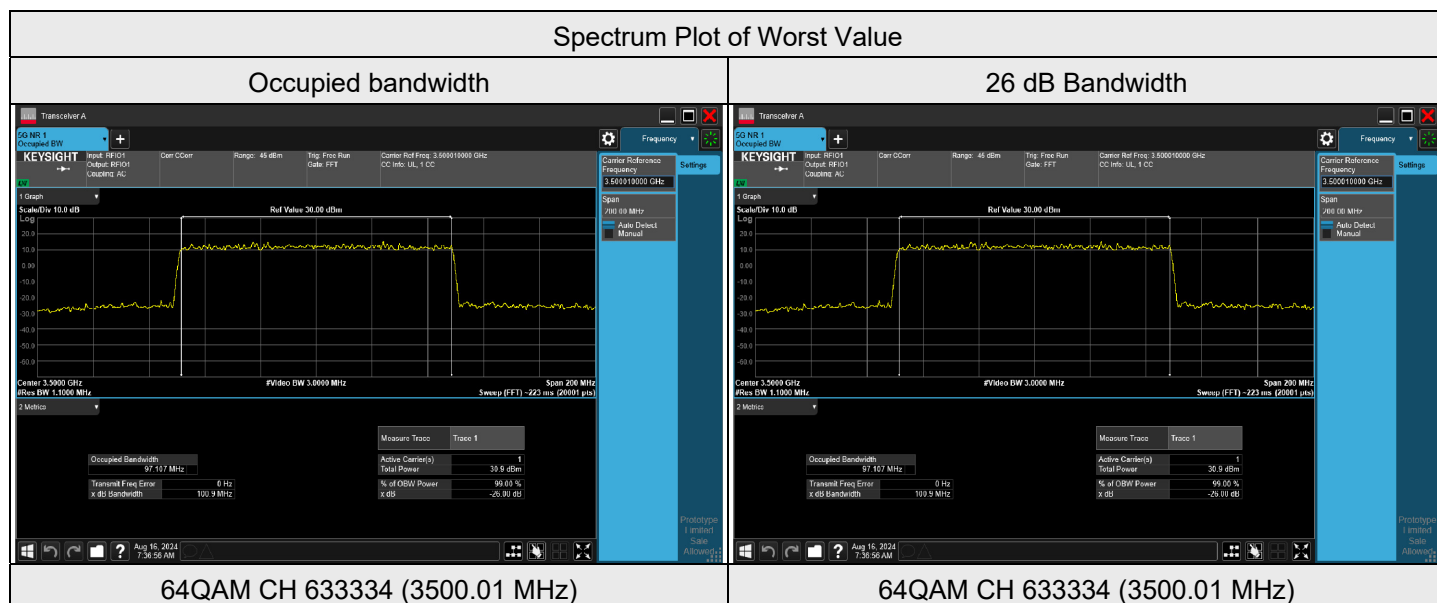
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	633000	3495	86.819	90.18
BPSK	633334	3500.01	86.727	90.38
BPSK	633666	3504.99	86.670	90.34
QPSK	633000	3495	87.139	90.53
QPSK	633334	3500.01	87.142	90.47
QPSK	633666	3504.99	87.247	90.46
16QAM	633000	3495	87.212	90.50
16QAM	633334	3500.01	87.237	90.55
16QAM	633666	3504.99	87.254	90.54
64QAM	633000	3495	87.158	90.69
64QAM	633334	3500.01	87.056	90.49
64QAM	633666	3504.99	87.070	90.55
256QAM	633000	3495	87.199	90.53
256QAM	633334	3500.01	87.053	90.73
256QAM	633666	3504.99	87.194	90.56

Spectrum Plot of Worst Value



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 0, Channel Bandwidth: 100 MHz

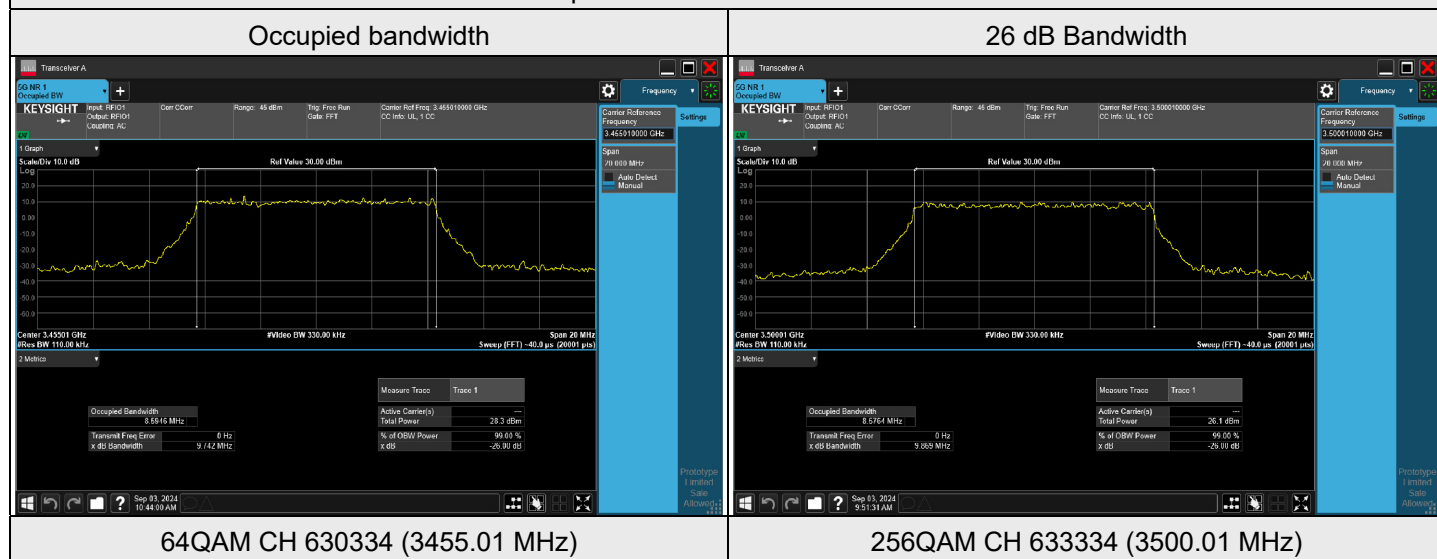
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	633334	3500.01	96.164	99.72
QPSK	633334	3500.01	96.965	100.8
16QAM	633334	3500.01	96.981	100.6
64QAM	633334	3500.01	97.107	100.9
256QAM	633334	3500.01	97.090	100.8



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 3, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630334	3455.01	8.5385	9.413
BPSK	633334	3500.01	8.5763	9.629
BPSK	636332	3544.98	8.5581	9.560
QPSK	630334	3455.01	8.5686	9.708
QPSK	633334	3500.01	8.5889	9.645
QPSK	636332	3544.98	8.5664	9.744
16QAM	630334	3455.01	8.5725	9.569
16QAM	633334	3500.01	8.5800	9.780
16QAM	636332	3544.98	8.5688	9.588
64QAM	630334	3455.01	8.5946	9.742
64QAM	633334	3500.01	8.5725	9.752
64QAM	636332	3544.98	8.5908	9.692
256QAM	630334	3455.01	8.5429	9.429
256QAM	633334	3500.01	8.5764	9.869
256QAM	636332	3544.98	8.5422	9.457

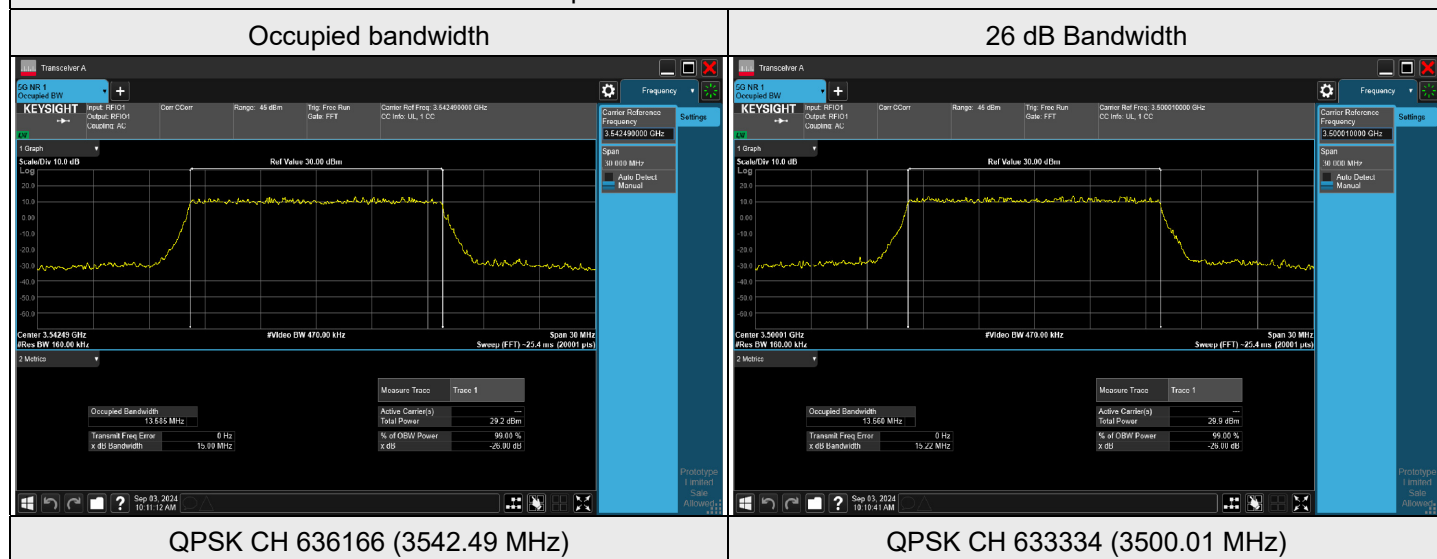
Spectrum Plot of Worst Value



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 3, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630500	3457.5	13.510	13.87
BPSK	633334	3500.01	13.522	14.09
BPSK	636166	3542.49	13.507	14.04
QPSK	630500	3457.5	13.576	14.84
QPSK	633334	3500.01	13.560	15.22
QPSK	636166	3542.49	13.585	15.00
16QAM	630500	3457.5	13.564	14.53
16QAM	633334	3500.01	13.569	14.78
16QAM	636166	3542.49	13.575	14.63
64QAM	630500	3457.5	13.561	15.00
64QAM	633334	3500.01	13.573	14.76
64QAM	636166	3542.49	13.566	14.71
256QAM	630500	3457.5	13.558	14.96
256QAM	633334	3500.01	13.546	14.72
256QAM	636166	3542.49	13.551	14.82

Spectrum Plot of Worst Value



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 3, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630668	3460.02	17.958	19.05
BPSK	633334	3500.01	17.940	19.07
BPSK	636000	3540	17.954	19.12
QPSK	630668	3460.02	18.177	19.72
QPSK	633334	3500.01	18.188	19.68
QPSK	636000	3540	18.193	19.75
16QAM	630668	3460.02	18.201	19.60
16QAM	633334	3500.01	18.200	19.61
16QAM	636000	3540	18.202	19.72
64QAM	630668	3460.02	18.184	19.66
64QAM	633334	3500.01	18.149	19.46
64QAM	636000	3540	18.180	19.42
256QAM	630668	3460.02	18.153	19.68
256QAM	633334	3500.01	18.210	20.03
256QAM	636000	3540	18.214	19.90

Spectrum Plot of Worst Value

