

NR n71 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	134600	673	18.641	18.80
BPSK	136100	680.5	18.725	18.72
BPSK	137600	688	18.688	18.83
QPSK	134600	673	18.800	19.77
QPSK	136100	680.5	18.777	19.75
QPSK	137600	688	18.880	19.93
16QAM	134600	673	18.834	19.67
16QAM	136100	680.5	18.869	19.95
16QAM	137600	688	18.889	20.00
64QAM	134600	673	18.853	19.92
64QAM	136100	680.5	18.866	19.91
64QAM	137600	688	18.880	19.89
256QAM	134600	673	18.854	19.90
256QAM	136100	680.5	18.873	19.90
256QAM	137600	688	18.848	19.90

Spectrum Plot of Worst Value

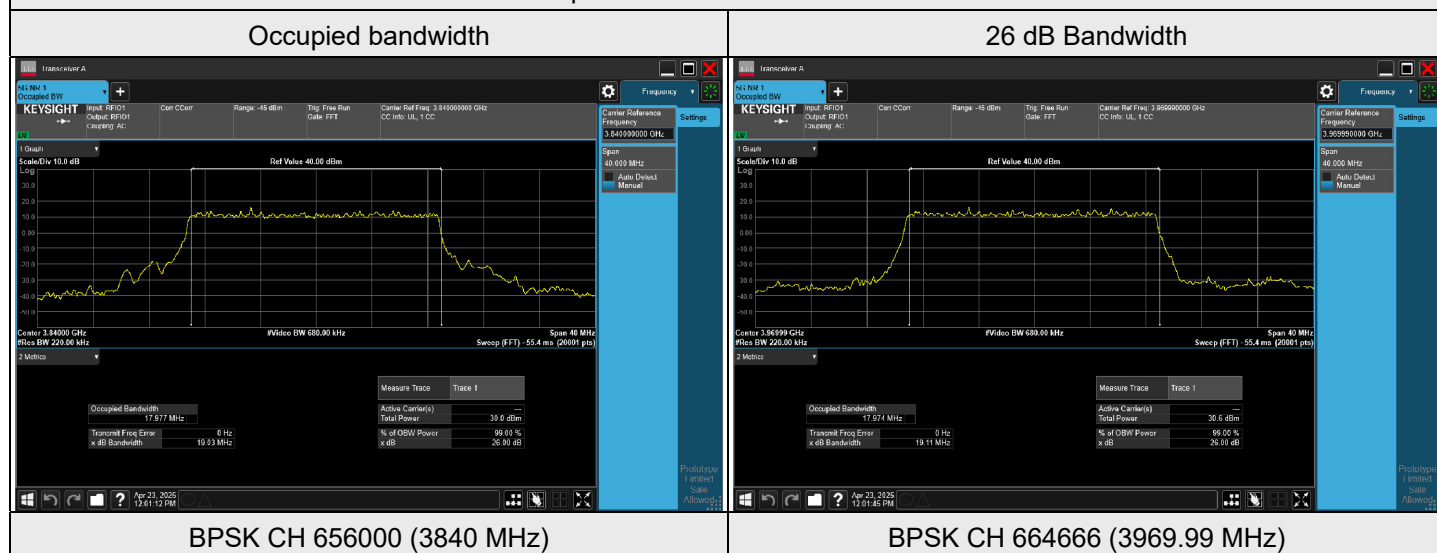


7.4.17 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) (SISO)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant. 4, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	647334	3710.01	17.961	19.05
BPSK	656000	3840	17.977	19.03
BPSK	664666	3969.99	17.974	19.11

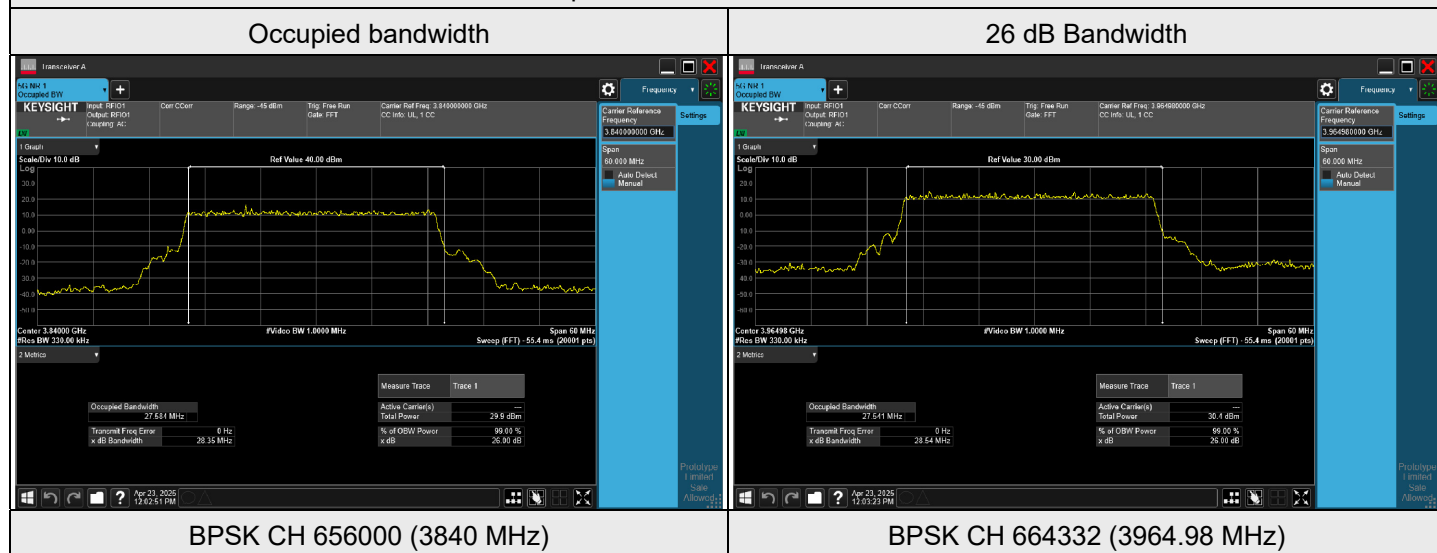
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant. 4, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	647668	3715.02	27.549	28.41
BPSK	656000	3840	27.584	28.35
BPSK	664332	3964.98	27.541	28.54

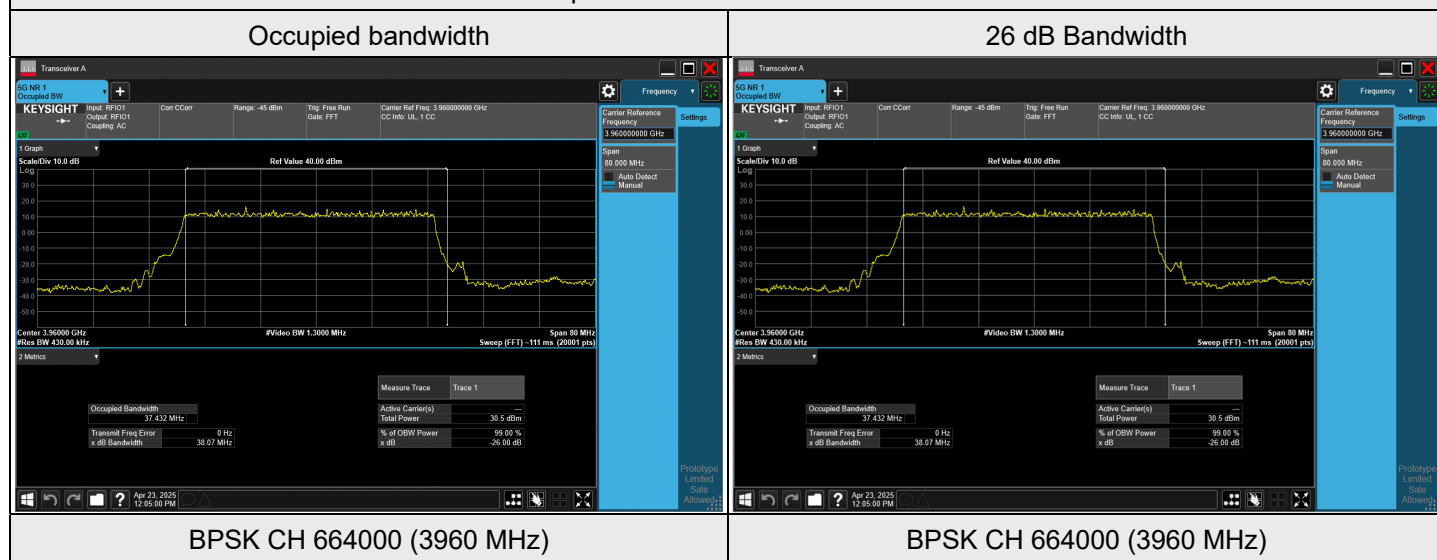
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant. 4, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	648000	3720	37.372	37.48
BPSK	656000	3840	37.380	37.68
BPSK	664000	3960	37.432	38.07

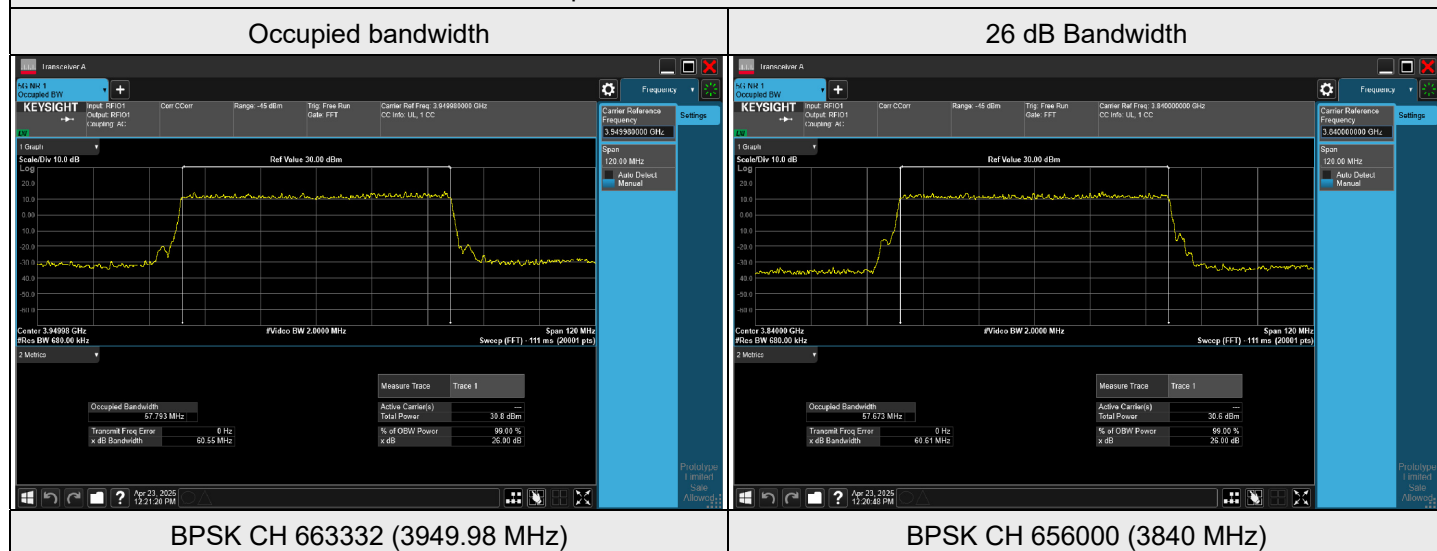
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant. 4, Channel Bandwidth: 60 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	648668	3730.02	57.666	60.41
BPSK	656000	3840	57.673	60.61
BPSK	663332	3949.98	57.793	60.55

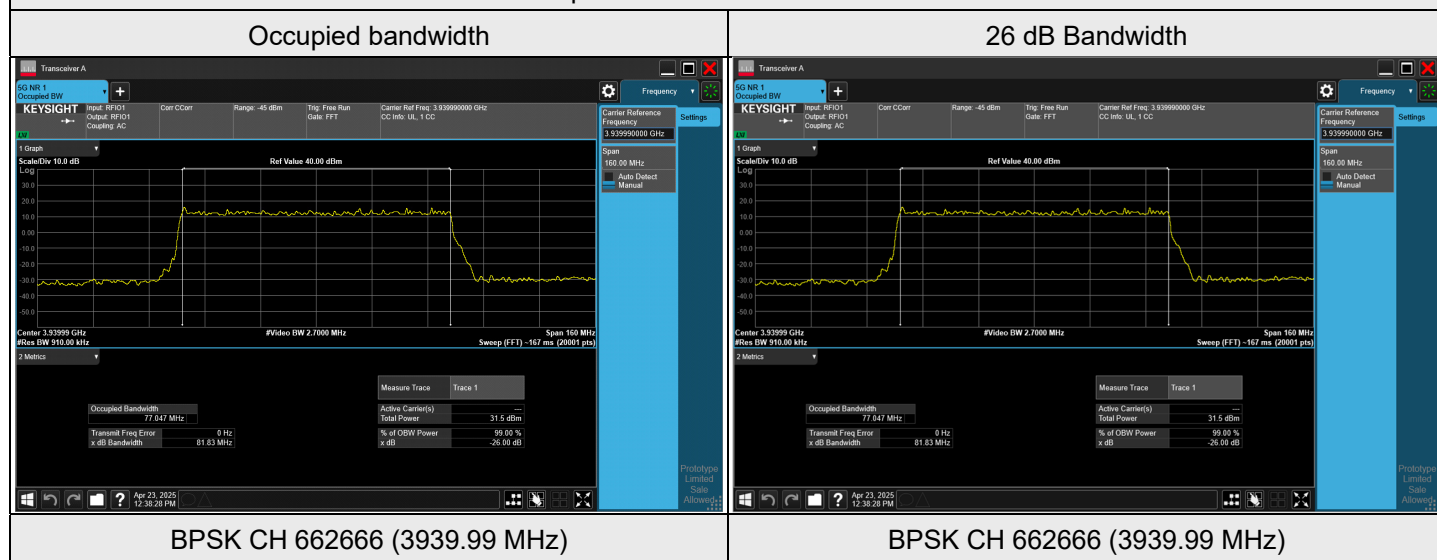
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant. 4, Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	649334	3740.01	76.960	80.07
BPSK	656000	3840	76.955	80.15
BPSK	662666	3939.99	77.047	81.83

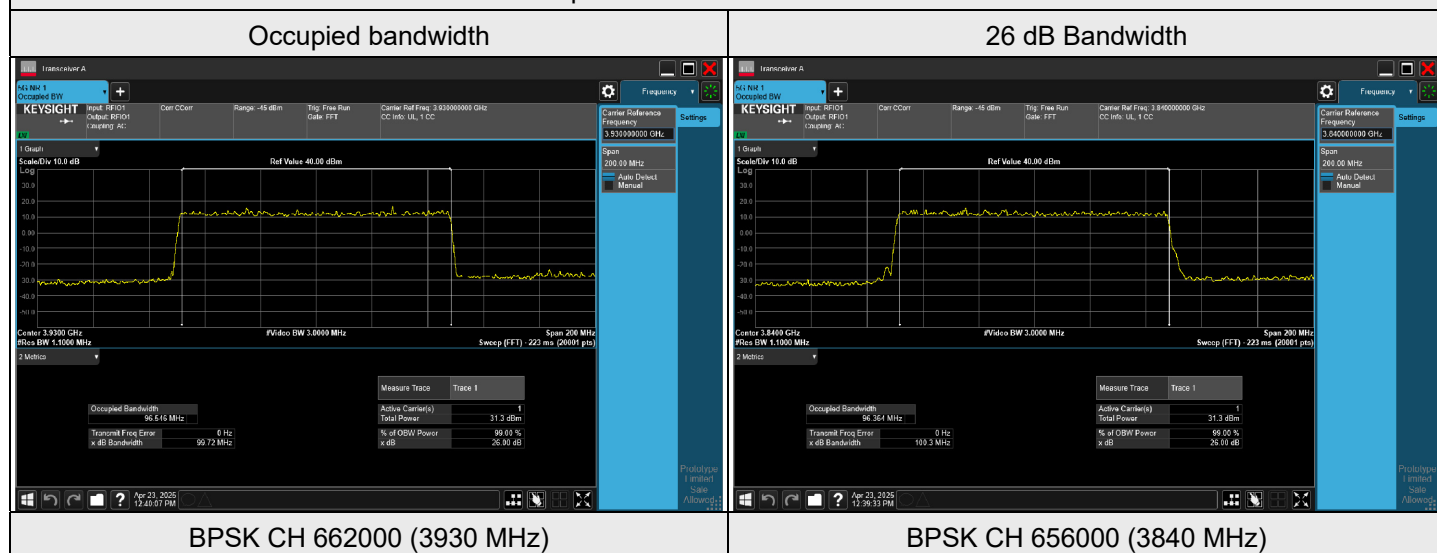
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant. 4, Channel Bandwidth: 100 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	650000	3750	96.222	100.0
BPSK	656000	3840	96.364	100.3
BPSK	662000	3930	96.546	99.72

Spectrum Plot of Worst Value

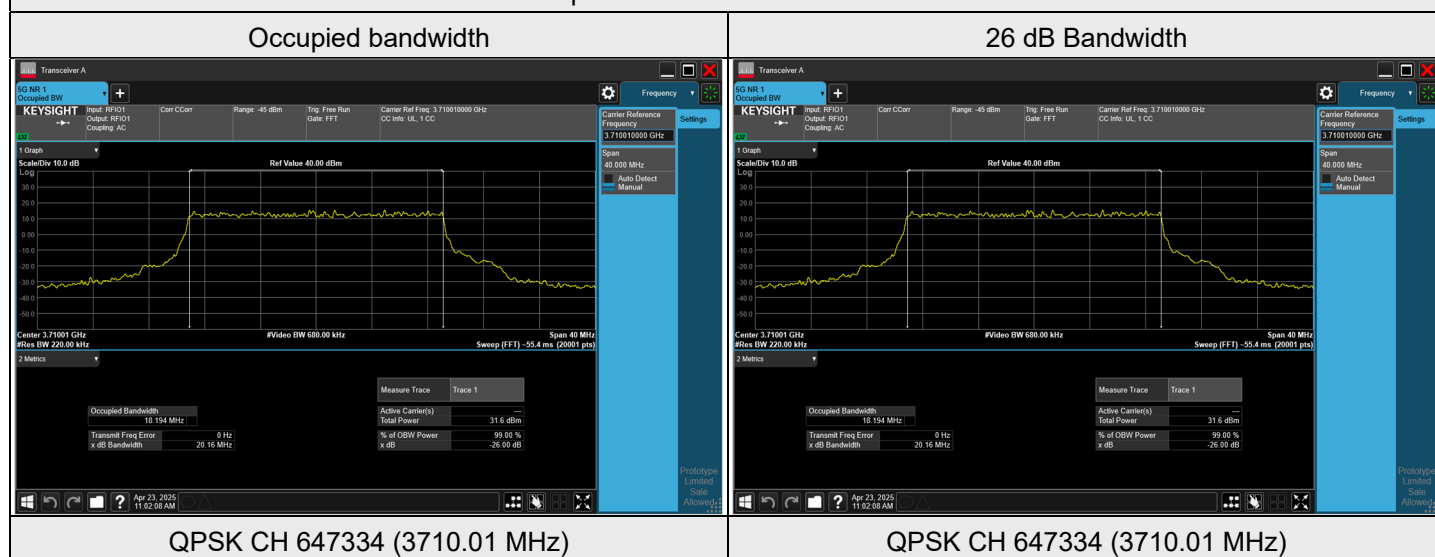


7.4.18 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) (MIMO)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 4, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	647334	3710.01	18.194	20.16
QPSK	656000	3840	18.193	19.81
QPSK	664666	3969.99	18.189	19.84
16QAM	647334	3710.01	18.191	19.75
16QAM	656000	3840	18.189	19.67
16QAM	664666	3969.99	18.114	19.62
64QAM	647334	3710.01	18.189	19.66
64QAM	656000	3840	18.185	20.02
64QAM	664666	3969.99	18.125	19.51
256QAM	647334	3710.01	18.170	19.62
256QAM	656000	3840	18.121	19.69
256QAM	664666	3969.99	18.190	19.82

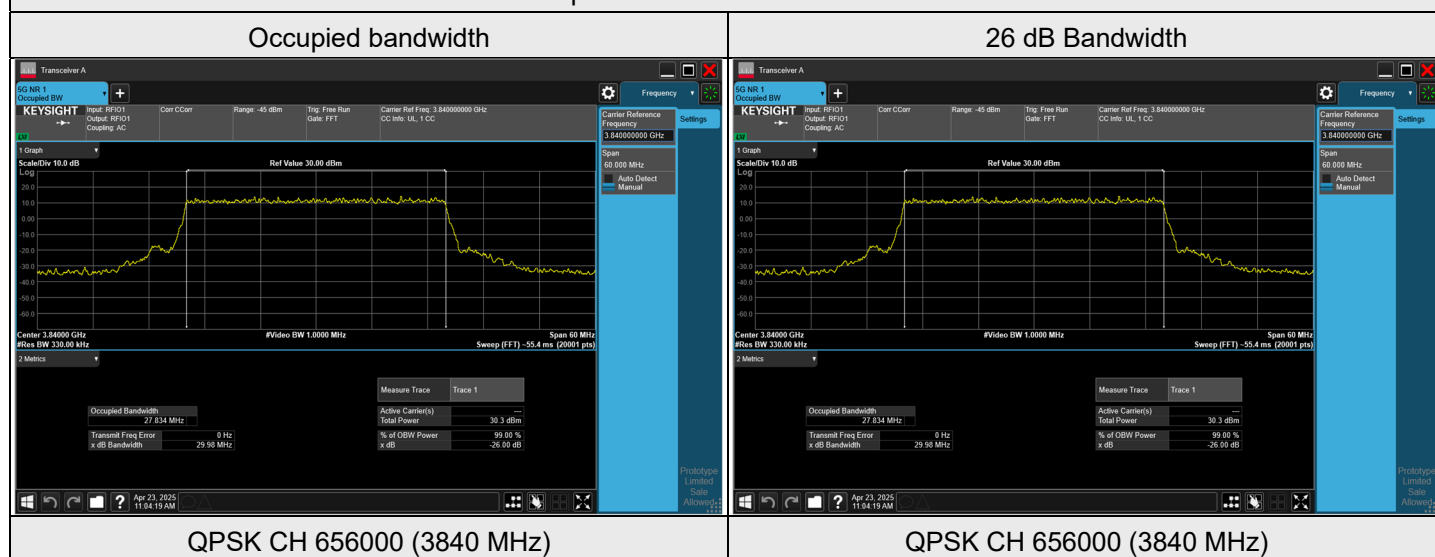
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 4, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	647668	3715.02	27.810	29.70
QPSK	656000	3840	27.834	29.98
QPSK	664332	3964.98	27.806	29.81
16QAM	647668	3715.02	27.824	29.56
16QAM	656000	3840	27.798	29.66
16QAM	664332	3964.98	27.823	29.83
64QAM	647668	3715.02	27.786	29.76
64QAM	656000	3840	27.787	29.78
64QAM	664332	3964.98	27.770	29.97
256QAM	647668	3715.02	27.781	29.52
256QAM	656000	3840	27.780	29.48
256QAM	664332	3964.98	27.776	29.35

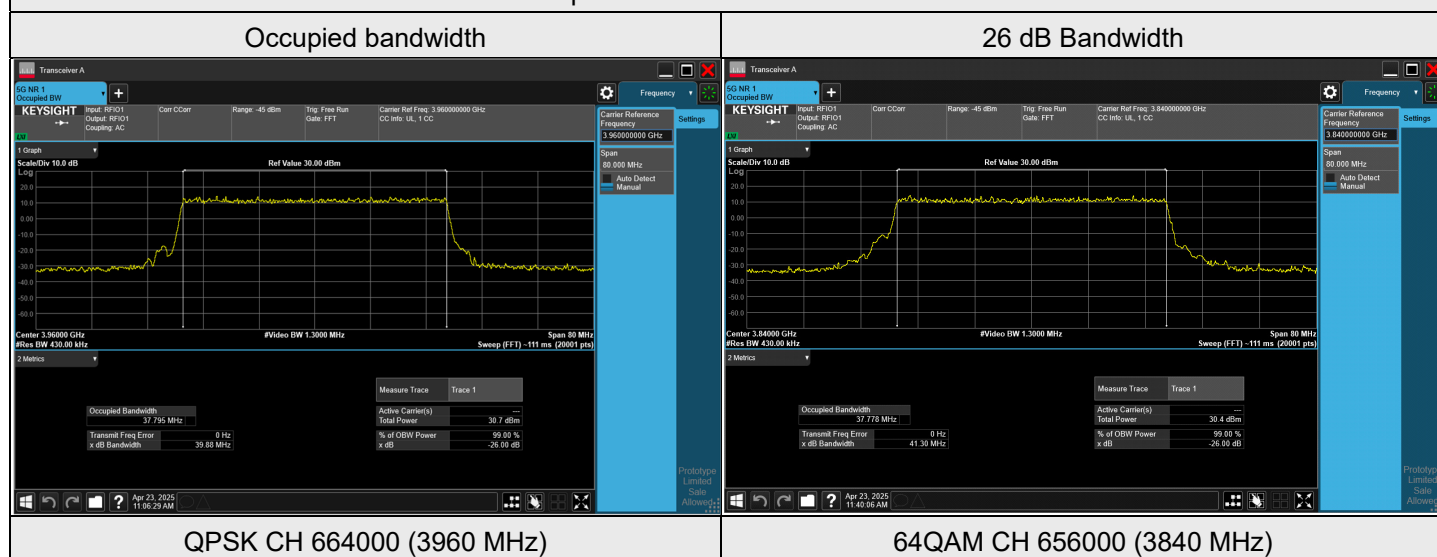
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 4, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	648000	3720	37.769	39.94
QPSK	656000	3840	37.786	39.81
QPSK	664000	3960	37.795	39.88
16QAM	648000	3720	37.794	39.89
16QAM	656000	3840	37.747	39.68
16QAM	664000	3960	37.730	39.64
64QAM	648000	3720	37.737	39.68
64QAM	656000	3840	37.778	41.30
64QAM	664000	3960	37.777	39.66
256QAM	648000	3720	37.691	39.71
256QAM	656000	3840	37.675	39.92
256QAM	664000	3960	37.697	40.05

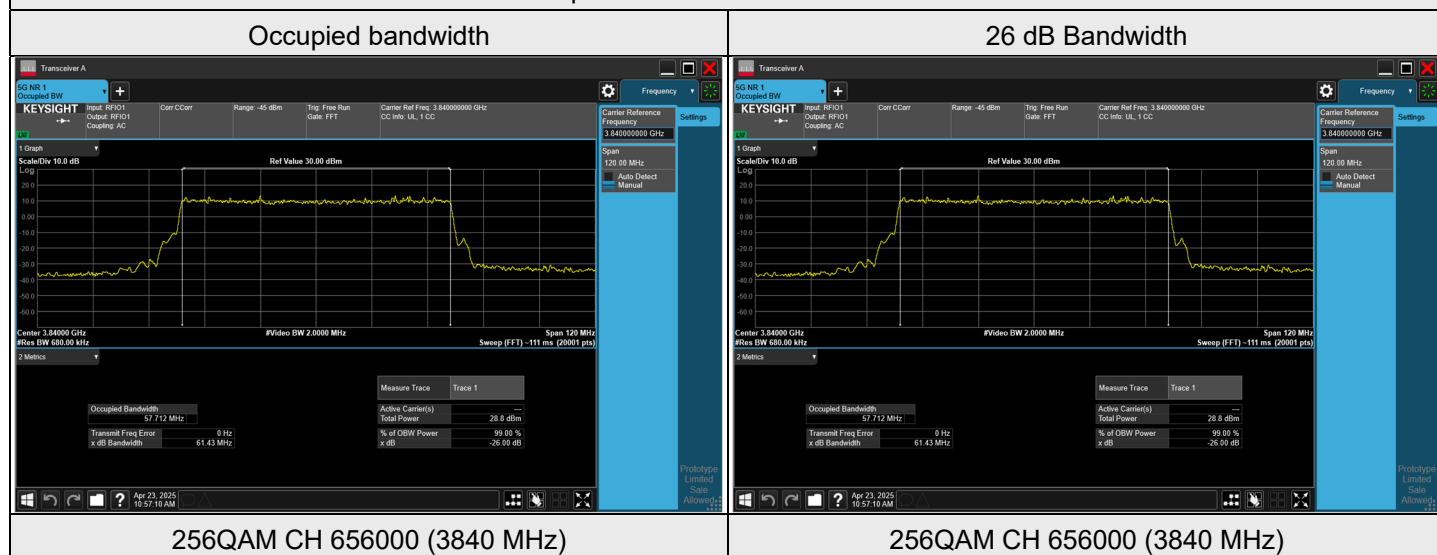
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 4, Channel Bandwidth: 60 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	648668	3730.02	57.689	60.64
QPSK	656000	3840	57.708	60.57
QPSK	663332	3949.98	57.699	60.64
16QAM	648668	3730.02	57.677	60.25
16QAM	656000	3840	57.710	60.39
16QAM	663332	3949.98	57.709	60.22
64QAM	648668	3730.02	57.637	60.49
64QAM	656000	3840	57.710	60.27
64QAM	663332	3949.98	57.708	60.40
256QAM	648668	3730.02	57.638	60.28
256QAM	656000	3840	57.712	61.43
256QAM	663332	3949.98	57.707	60.51

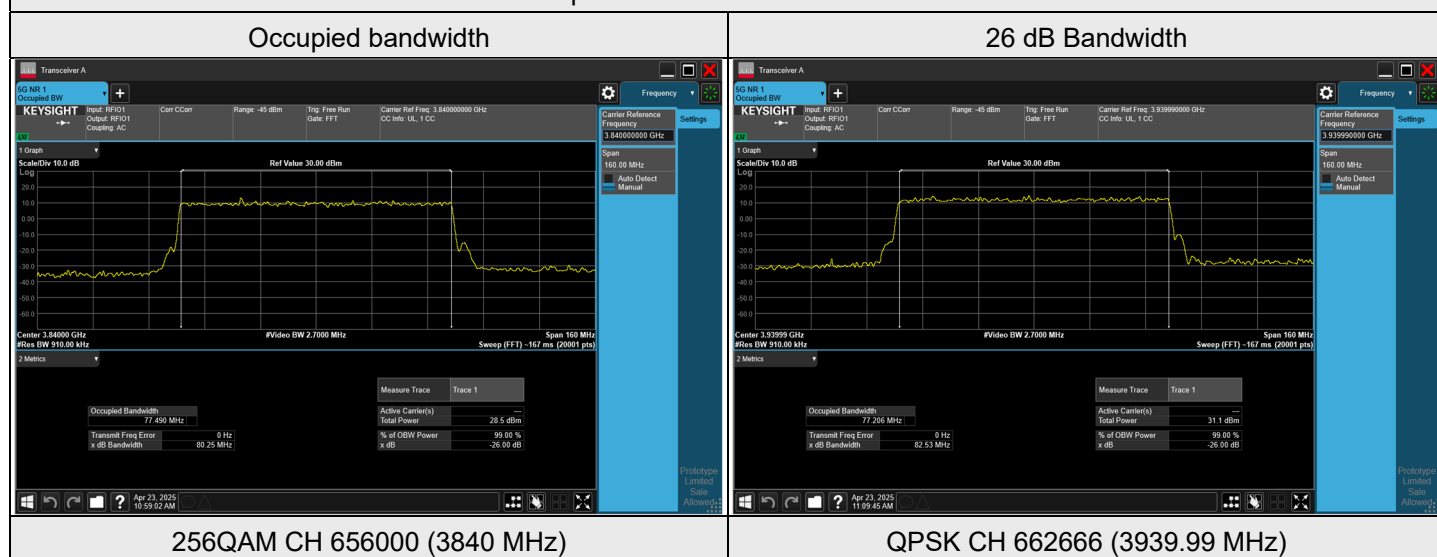
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 4, Channel Bandwidth: 80 MHz

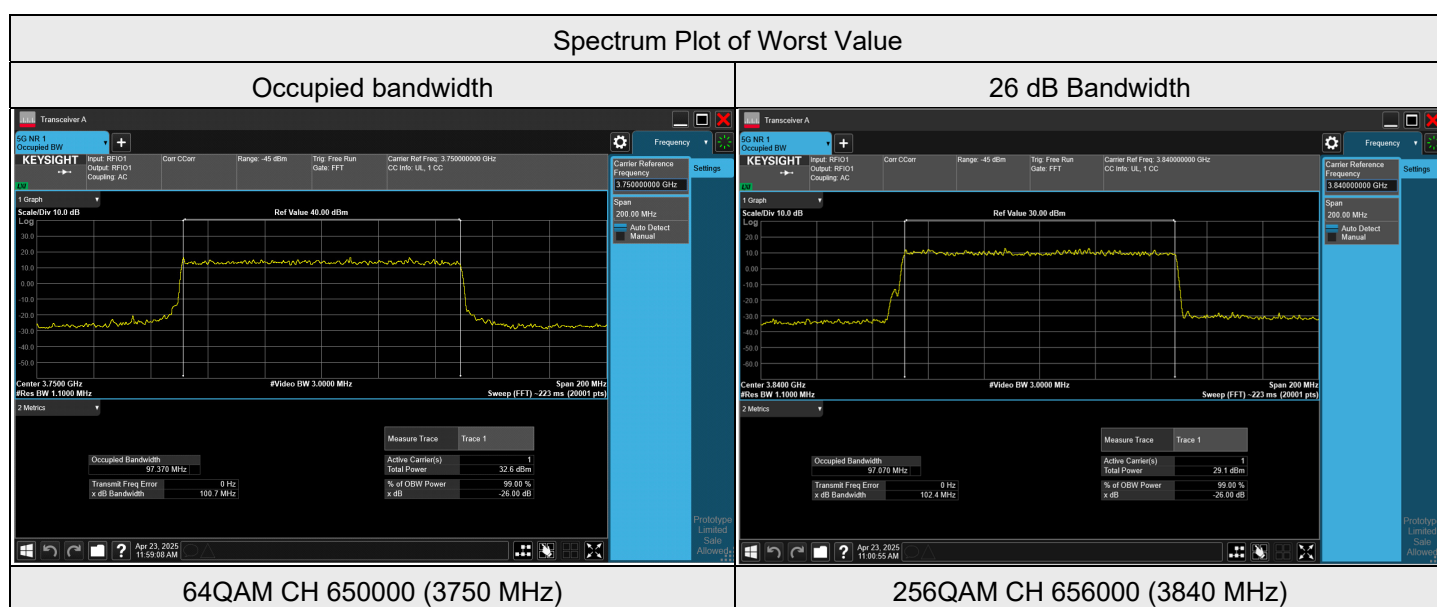
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	649334	3740.01	77.191	82.07
QPSK	656000	3840	77.169	81.08
QPSK	662666	3939.99	77.206	82.53
16QAM	649334	3740.01	77.232	80.94
16QAM	656000	3840	77.318	81.00
16QAM	662666	3939.99	77.240	80.42
64QAM	649334	3740.01	77.111	80.95
64QAM	656000	3840	77.281	80.57
64QAM	662666	3939.99	77.187	80.51
256QAM	649334	3740.01	77.414	81.27
256QAM	656000	3840	77.490	80.25
256QAM	662666	3939.99	77.428	81.79

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 4, Channel Bandwidth: 100 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	650000	3750	96.849	100.8
QPSK	656000	3840	96.567	100.9
QPSK	662000	3930	97.062	100.9
16QAM	650000	3750	97.000	100.8
16QAM	656000	3840	97.164	101.5
16QAM	662000	3930	97.204	100.8
64QAM	650000	3750	97.370	100.7
64QAM	656000	3840	97.288	102.3
64QAM	662000	3930	97.121	101.1
256QAM	650000	3750	96.968	100.7
256QAM	656000	3840	97.070	102.4
256QAM	662000	3930	97.162	100.9



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 7, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	647334	3710.01	18.209	19.72
QPSK	656000	3840	18.214	19.72
QPSK	664666	3969.99	18.186	19.71
16QAM	647334	3710.01	18.230	21.40
16QAM	656000	3840	18.228	20.35
16QAM	664666	3969.99	18.209	19.71
64QAM	647334	3710.01	18.194	19.90
64QAM	656000	3840	18.174	19.49
64QAM	664666	3969.99	18.225	19.84
256QAM	647334	3710.01	18.164	19.50
256QAM	656000	3840	18.166	19.51
256QAM	664666	3969.99	18.229	20.07

Spectrum Plot of Worst Value

