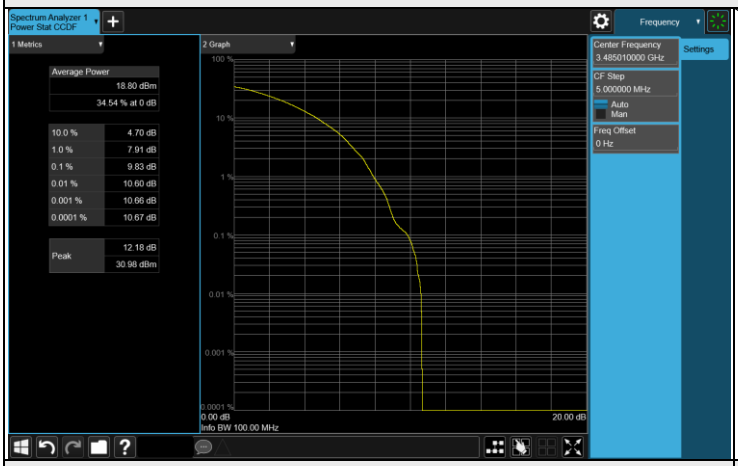
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 632334	CH 633334	CH 634332
			3485.01 MHz	3500.01 MHz	3514.98 MHz
BPSK	1	0	5.83	5.27	5.07
QPSK	1	0	8.76	7.74	8.7
16 QAM	1	0	9.37	8.75	9.04
64 QAM	1	0	9.83	8.8	8.72
256 QAM	1	0	9.76	9.67	9.37

Spectrum Plot of Worst Value

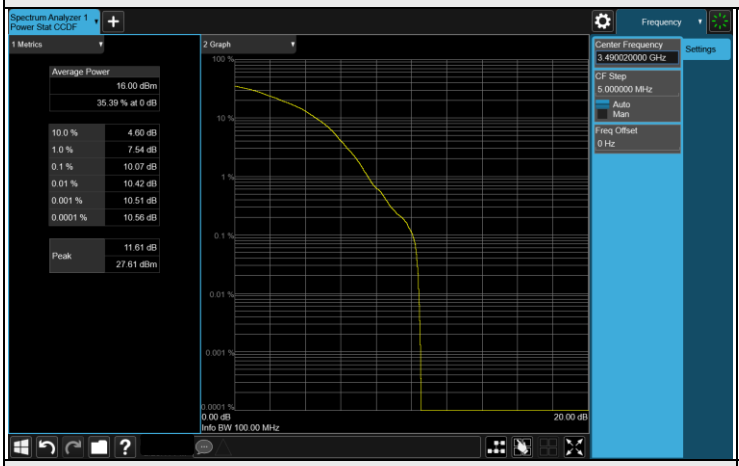


64 QAM CH 632334 (3485.01 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 80 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 632668	CH 633334	CH 634000
			3490.02 MHz	3500.01 MHz	3510 MHz
BPSK	1	0	4.7	5.62	4.8
QPSK	1	0	8.76	7.86	7.9
16 QAM	1	0	8.53	9.22	8.96
64 QAM	1	0	9.03	8.84	8.01
256 QAM	1	0	10.07	9.82	9.77

Spectrum Plot of Worst Value

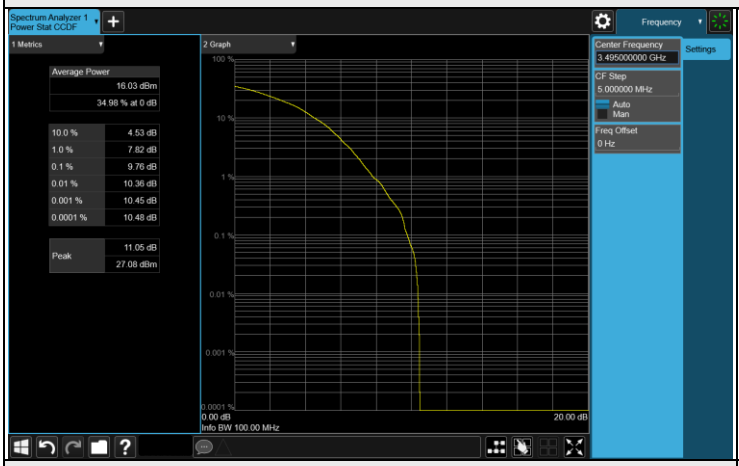


256 QAM CH 632668 (3490.02 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 633000	CH 633334	CH 633666
			3495 MHz	3500.01 MHz	3504.99 MHz
BPSK	1	0	4.84	5.12	5.03
QPSK	1	0	8.61	7.9	8.58
16 QAM	1	0	8.85	9.07	8.73
64 QAM	1	0	9.09	8.99	8.76
256 QAM	1	0	9.76	9.62	9.62

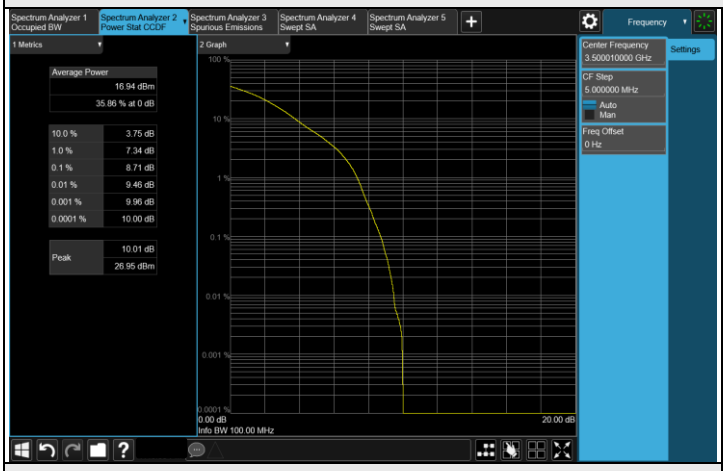
Spectrum Plot of Worst Value



256 QAM CH 633000 (3495 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)
			CH 633334
			3500.01 MHz
BPSK	1	0	4.12
QPSK	1	0	7.50
16 QAM	1	0	7.78
64 QAM	1	0	7.61
256 QAM	1	0	8.71

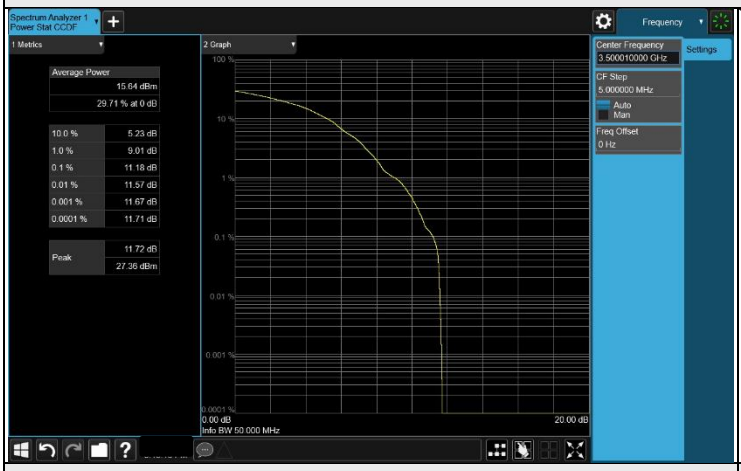
Spectrum Plot of Worst Value	
	
QPSK CH 633334 (3500.01 MHz)	

7.3.8 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) (PC3)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 630334	CH 633334	CH 636332
			3455.01 MHz	3500.01 MHz	3544.98 MHz
BPSK	1	0	6.75	6.94	6.6
QPSK	1	0	10.02	10.14	9.98
16QAM	1	0	10.07	9.88	10.06
64QAM	1	0	10.43	9.59	10.12
256QAM	1	0	11	11.18	10.83

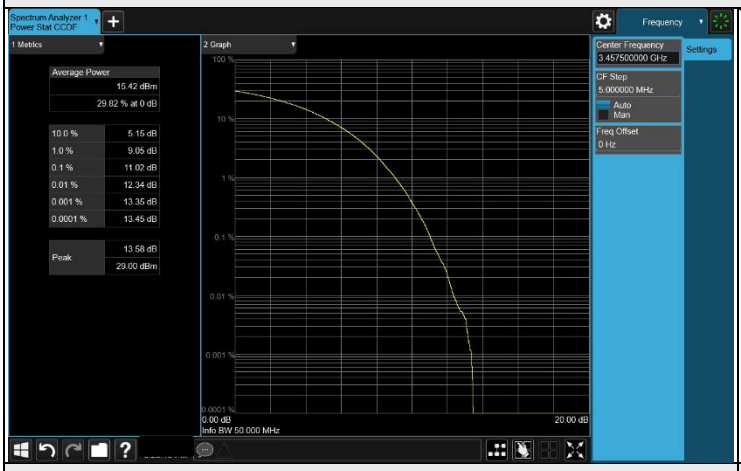
Spectrum Plot of Worst Value



256QAM CH 633334 (3500.01 MHz)

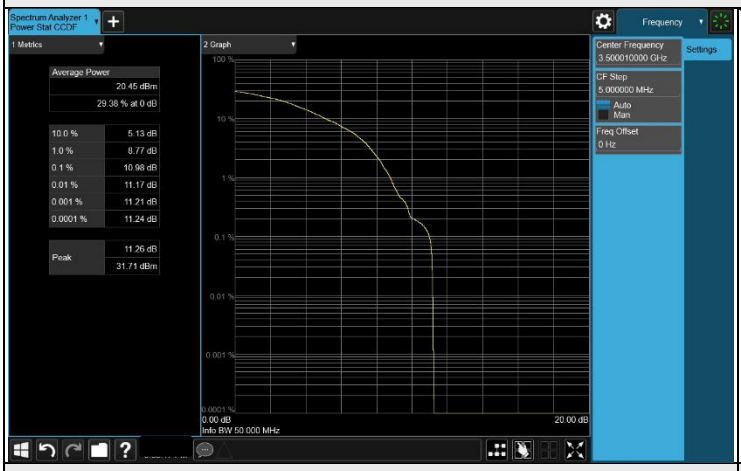
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 630500	CH 633334	CH 636166
			3457.5 MHz	3500.01 MHz	3542.49 MHz
BPSK	1	0	6.82	6.94	6.85
QPSK	1	0	10.29	10.4	8.98
16QAM	1	0	10.52	9.93	10.3
64QAM	1	0	10.42	10.14	10.35
256QAM	1	0	11.02	10.51	10.54

Spectrum Plot of Worst Value	
	
256QAM CH 630500 (3457.5 MHz)	

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 20 MHz

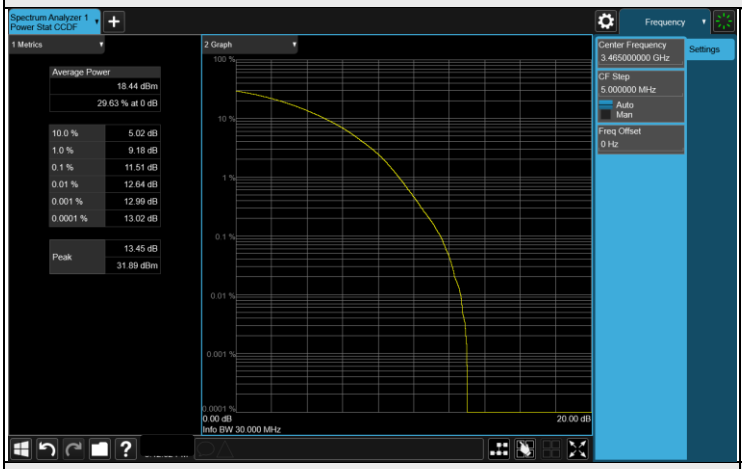
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 630668	CH 633334	CH 636000
			3460.02 MHz	3500.01 MHz	3540 MHz
BPSK	1	0	6.7	6.5	6.66
QPSK	1	0	9.99	10.98	10.22
16QAM	1	0	10.06	10.26	10.09
64QAM	1	0	10.3	10.5	10.33
256QAM	1	0	10.9	10.63	10.83

Spectrum Plot of Worst Value	
	
QPSK CH 633334 (3500.01 MHz)	

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 631000	CH 633334	CH 635666
			3465 MHz	3500.01 MHz	3534.99 MHz
BPSK	50	25	7.38	6.86	6.81
QPSK	53	26	9.08	8.56	8.61
16QAM	53	26	9.57	8.98	9.17
64QAM	53	26	11.12	10.6	10.19
256QAM	53	26	11.51	11.29	11.05

Spectrum Plot of Worst Value

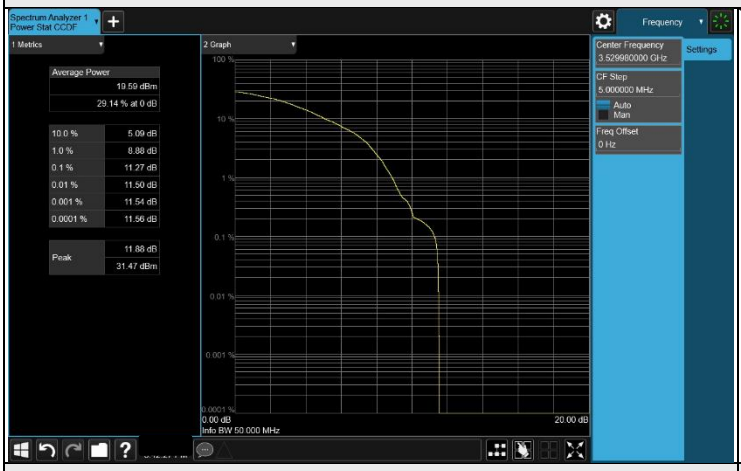


256QAM CH 631000 (3465 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 631334	CH 633334	CH 635332
			3470.01 MHz	3500.01 MHz	3529.98 MHz
BPSK	1	0	6.79	6.81	6.48
QPSK	1	0	10.86	10.22	11.27
16QAM	1	0	10.35	10.36	10.19
64QAM	1	0	10.51	10.31	10.28
256QAM	1	0	10.66	10.8	10.58

Spectrum Plot of Worst Value

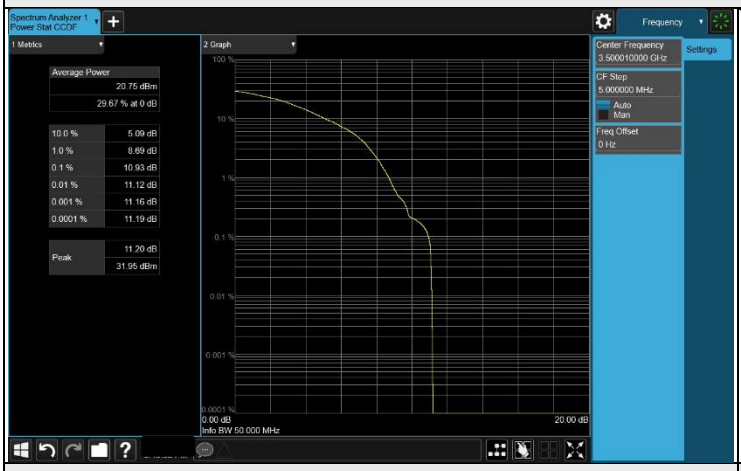


QPSK CH 635332 (3529.98 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 631668	CH 633334	CH 635000
			3475.02 MHz	3500.01 MHz	3525 MHz
BPSK	1	0	7.06	6.66	6.84
QPSK	1	0	10.61	10.93	10.6
16QAM	1	0	10.06	9.95	10.27
64QAM	1	0	10.38	10.18	10.21
256QAM	1	0	10.87	10.52	10.59

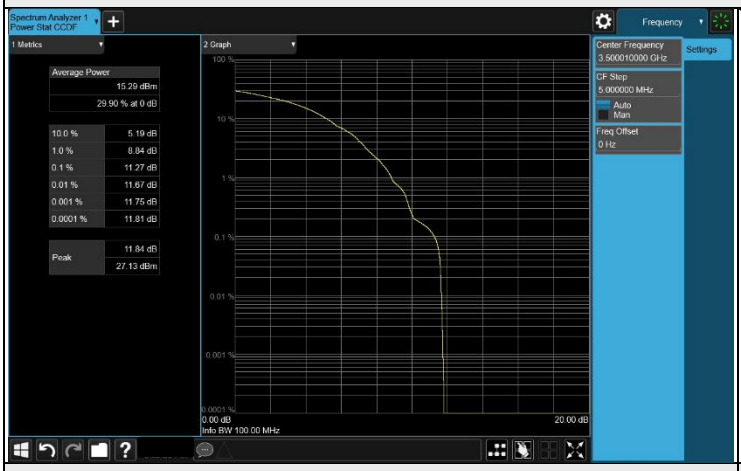
Spectrum Plot of Worst Value



QPSK CH 633334 (3500.01 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 60 MHz

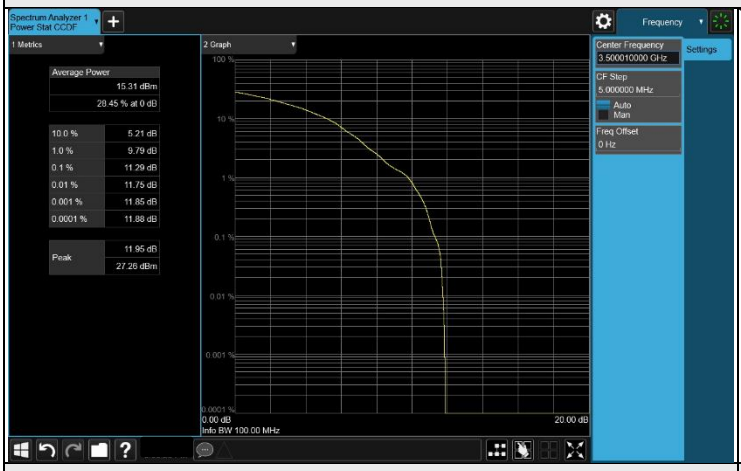
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 632000	CH 633334	CH 634666
			3480 MHz	3500.01 MHz	3519.99 MHz
BPSK	1	0	6.66	6.76	6.79
QPSK	1	0	9.25	10.19	9.19
16QAM	1	0	10.44	9.87	9.94
64QAM	1	0	10.31	10.09	9.99
256QAM	1	0	10.67	11.27	11.02

Spectrum Plot of Worst Value	
	
256QAM CH 633334 (3500.01 MHz)	

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 632334	CH 633334	CH 634332
			3485.01 MHz	3500.01 MHz	3514.98 MHz
BPSK	1	0	7.09	6.7	6.48
QPSK	1	0	10.6	9.77	10.25
16QAM	1	0	10.63	9.95	9.92
64QAM	1	0	10.2	9.64	10.49
256QAM	1	0	11.24	11.29	11.14

Spectrum Plot of Worst Value

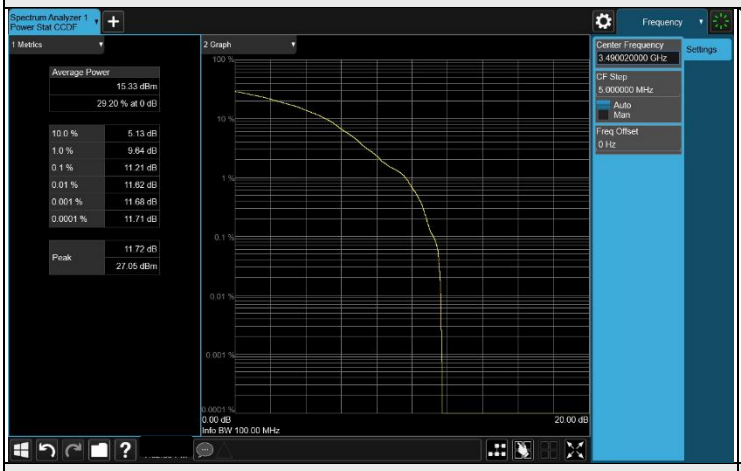


256QAM CH 633334 (3500.01 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 80 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 632668	CH 633334	CH 634000
			3490.02 MHz	3500.01 MHz	3510 MHz
BPSK	1	0	6.79	7.05	6.81
QPSK	1	0	10.09	10.35	9.15
16QAM	1	0	10.16	10.03	9.87
64QAM	1	0	9.74	10.16	10.16
256QAM	1	0	11.21	11.17	11.05

Spectrum Plot of Worst Value

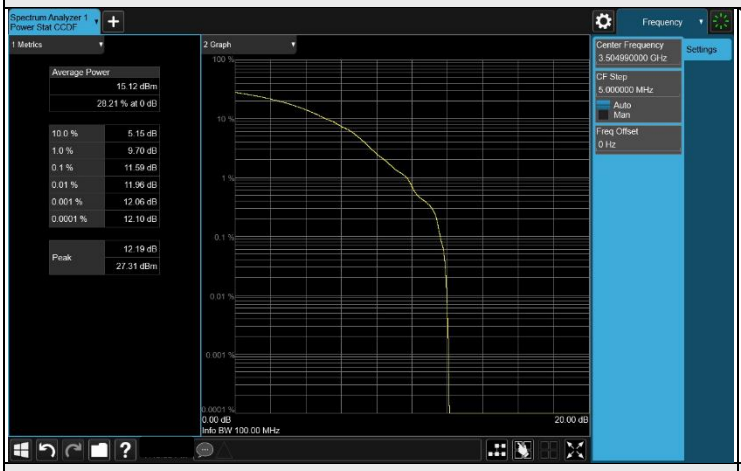


256QAM CH 632668 (3490.02 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 633000	CH 633334	CH 633666
			3495 MHz	3500.01 MHz	3504.99 MHz
BPSK	1	0	6.91	7.3	6.9
QPSK	1	0	10.49	11.42	10.43
16QAM	1	0	10.14	9.94	9.89
64QAM	1	0	10.25	10.33	10.66
256QAM	1	0	11.24	10.89	11.59

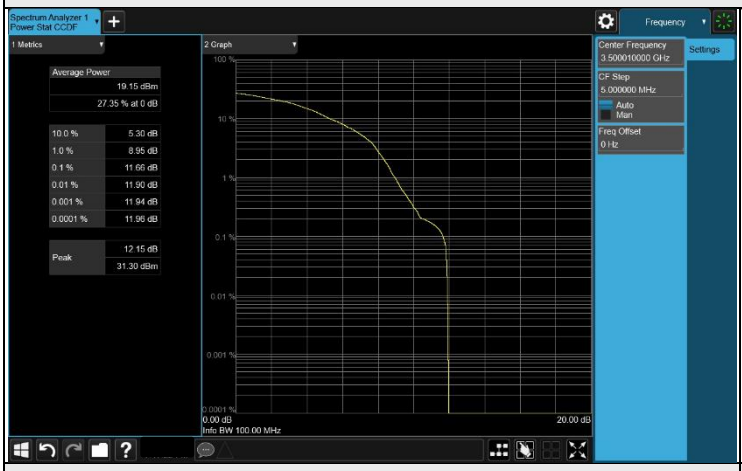
Spectrum Plot of Worst Value



256QAM CH 633666 (3504.99 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 100 MHz

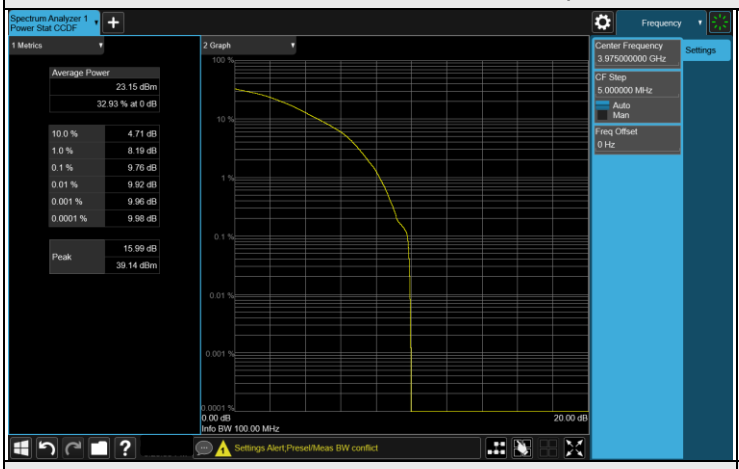
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)
			CH 633334
			3500.01 MHz
BPSK	1	0	6.68
QPSK	1	0	11.66
16QAM	1	0	10
64QAM	1	0	10.42
256QAM	1	0	10.9

Spectrum Plot of Worst Value	
	
QPSK CH 633334 (3500.01 MHz)	

7.3.9 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) (PC2)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 10 MHz

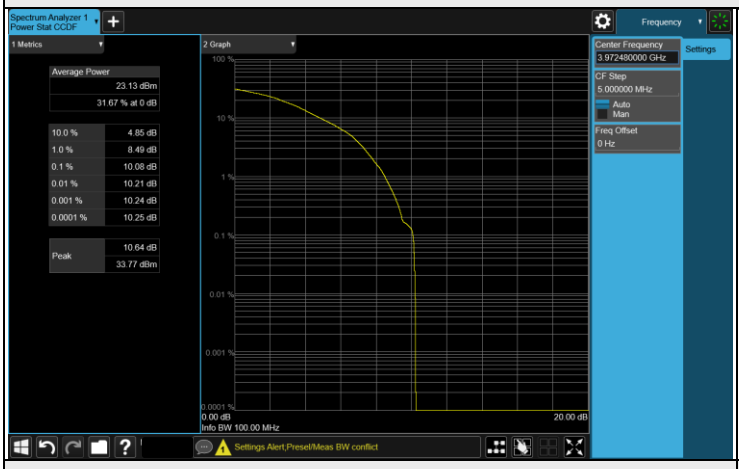
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647000	CH 656000	CH 665000
			3705 MHz	3840 MHz	3975 MHz
BPSK	1	0	5.69	5.32	5.7
QPSK	1	0	8.17	8.08	9.76
16 QAM	1	0	9.06	9.18	9.62
64 QAM	1	0	9.02	9.31	9.52
256 QAM	1	0	9.2	9.23	9.06

Spectrum Plot of Worst Value	
	
QPSK CH 665000 (3975 MHz)	

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647168	CH 656000	CH 664832
			3707.52 MHz	3840 MHz	3972.48 MHz
BPSK	1	0	5.05	5.49	5.9
QPSK	1	0	9.09	8.2	10.08
16 QAM	1	0	9.55	9.02	8.87
64 QAM	1	0	9.74	9.52	9.89
256 QAM	1	0	9.43	9.35	9.2

Spectrum Plot of Worst Value

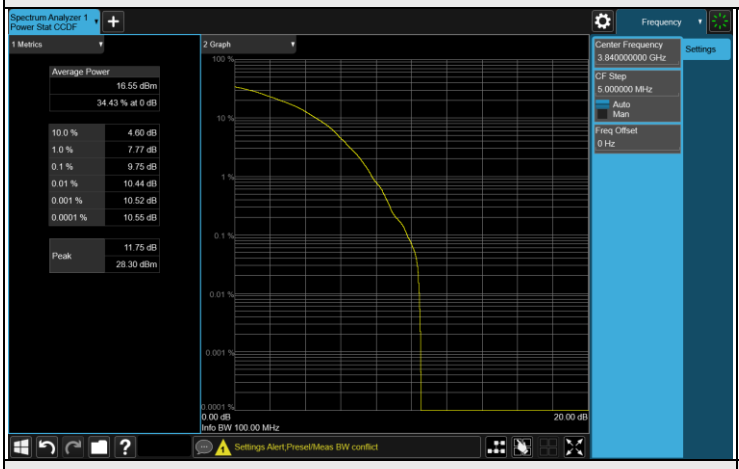


QPSK CH 664832 (3972.48 MHz)

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

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647334	CH 656000	CH 664666
			3710.01 MHz	3840 MHz	3969.99 MHz
BPSK	1	0	5.21	5.3	6.01
QPSK	1	0	8.82	8.38	9.34
16 QAM	1	0	9.33	9.28	9.18
64 QAM	1	0	8.93	9.09	9.6
256 QAM	1	0	9.19	9.75	8.91

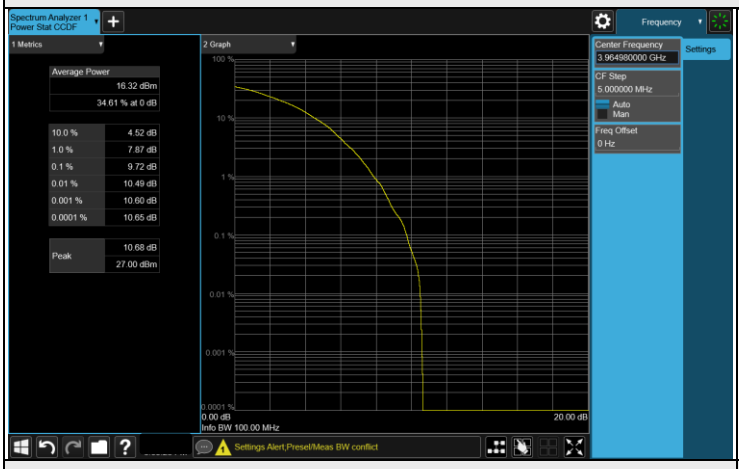
Spectrum Plot of Worst Value



256 QAM CH 656000 (3840 MHz)

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

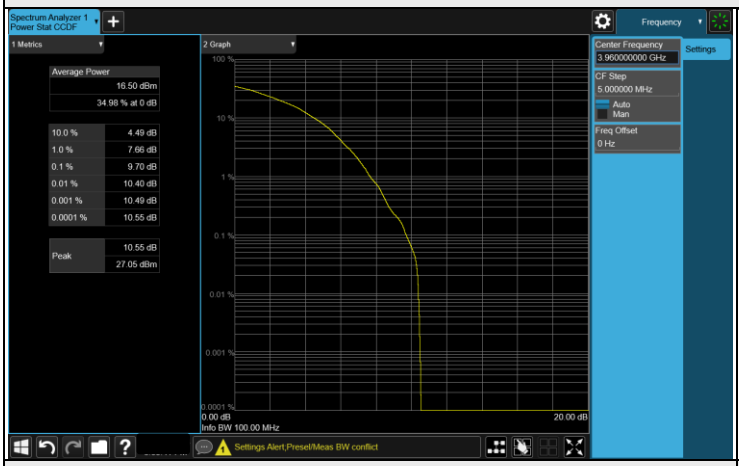
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647668	CH 656000	CH 664332
			3715.02 MHz	3840 MHz	3964.98 MHz
BPSK	50	25	5.02	5.37	6
QPSK	53	26	8.44	8.47	9.27
16 QAM	53	26	8.84	9.05	8.78
64 QAM	53	26	8.26	9.2	9.33
256 QAM	53	26	9.4	9.6	9.72

Spectrum Plot of Worst Value	
	
256 QAM CH 664332 (3964.98 MHz)	

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

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 648000	CH 656000	CH 664000
			3720 MHz	3840 MHz	3960 MHz
BPSK	1	0	5.69	4.99	5.45
QPSK	1	0	8	8.8	9.57
16 QAM	1	0	9.52	9.5	9.43
64 QAM	1	0	8.69	9.11	9.41
256 QAM	1	0	8.93	9.35	9.7

Spectrum Plot of Worst Value

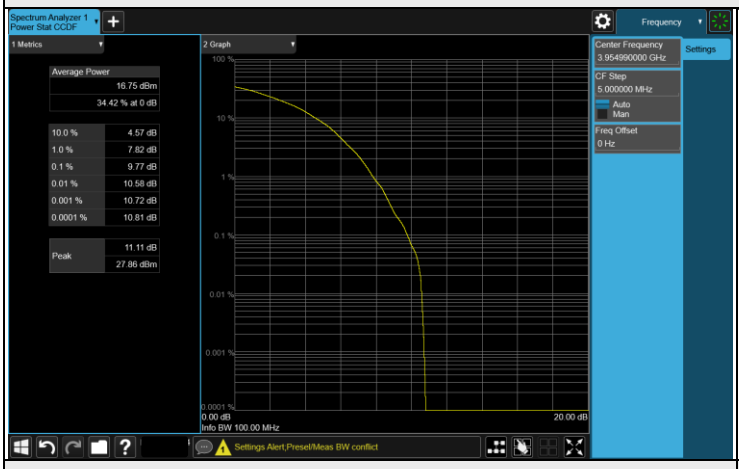


64 QAM CH 664000 (3960 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 648334	CH 656000	CH 663666
			3725.01 MHz	3840 MHz	3954.99 MHz
BPSK	1	0	5.15	5.4	5.76
QPSK	1	0	8.31	9.23	8.5
16 QAM	1	0	9.45	9.67	8.97
64 QAM	1	0	8.94	9.04	9.72
256 QAM	1	0	9.48	9.73	9.77

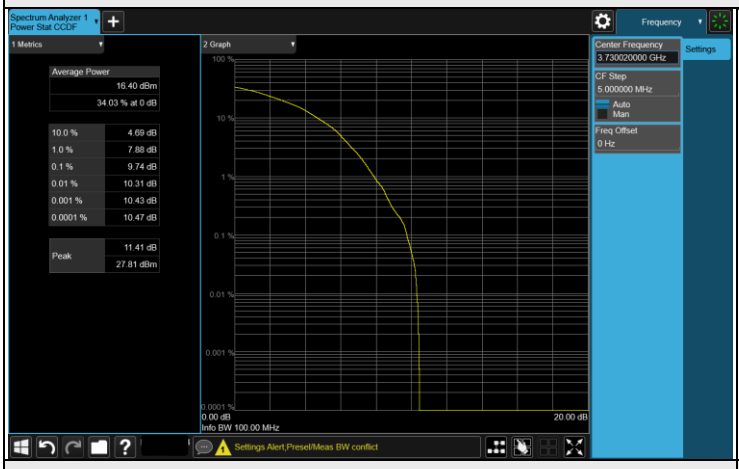
Spectrum Plot of Worst Value



256 QAM CH 663666 (3954.99 MHz)

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

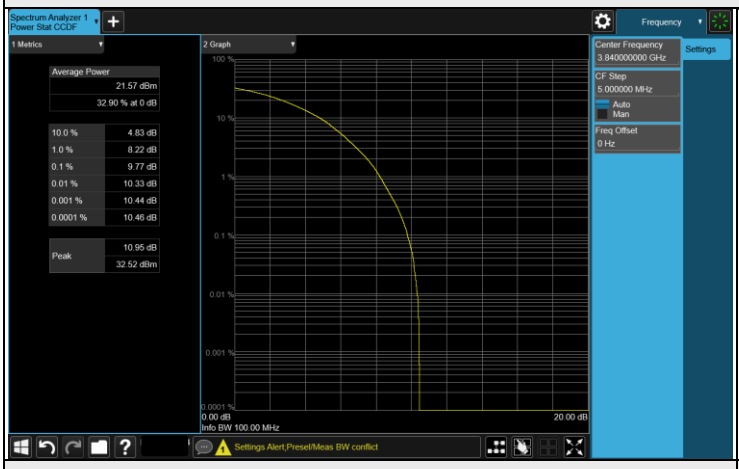
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 648668	CH 656000	CH 663332
			3730.02 MHz	3840 MHz	3949.98 MHz
BPSK	1	0	4.99	5.02	5.74
QPSK	1	0	9.15	9.24	8.41
16 QAM	1	0	8.89	9.5	8.6
64 QAM	1	0	8.55	9.73	9.67
256 QAM	1	0	9.74	9.72	9.47

Spectrum Plot of Worst Value	
	
256 QAM CH 648668 (3730.02 MHz)	

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 649000	CH 656000	CH 663000
			3735 MHz	3840 MHz	3945 MHz
BPSK	1	0	5.58	5.49	6.07
QPSK	1	0	8.88	8.53	8.94
16 QAM	1	0	9.09	9.77	9.25
64 QAM	1	0	8.32	9.02	9.03
256 QAM	1	0	8.8	9.59	9.24

Spectrum Plot of Worst Value

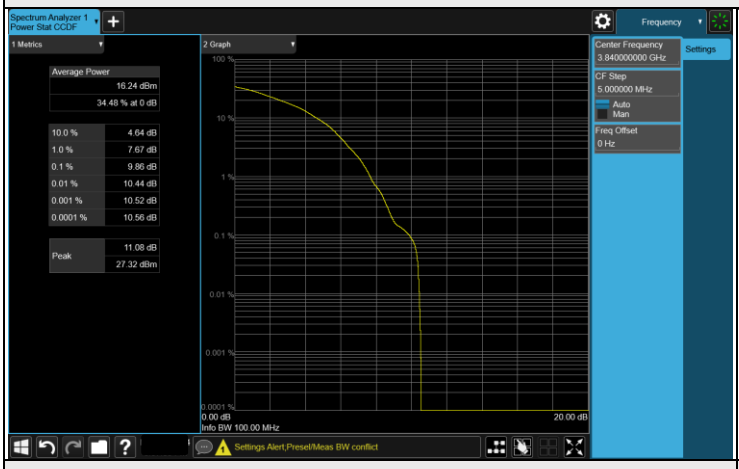


16QAM CH 656000 (3840 MHz)

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

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 649334	CH 656000	CH 662666
			3740.01 MHz	3840 MHz	3939.99 MHz
BPSK	1	0	5.62	5.22	5.42
QPSK	1	0	9.32	8.57	8.79
16 QAM	1	0	9.2	9.49	8.91
64 QAM	1	0	8.95	9.37	9.61
256 QAM	1	0	9.51	9.86	9.77

Spectrum Plot of Worst Value

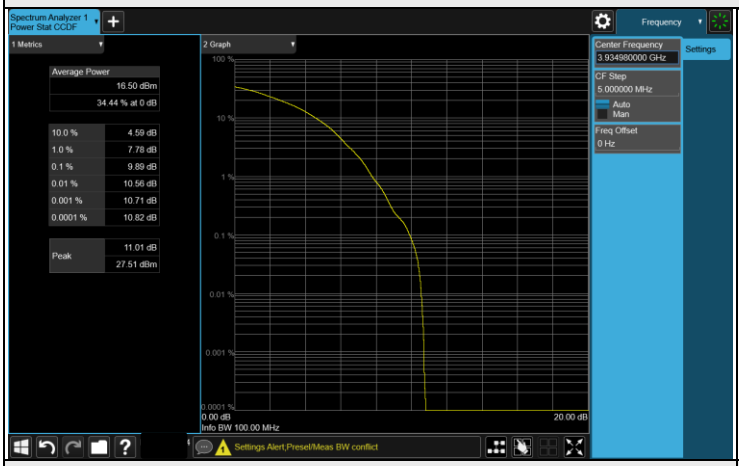


256 QAM CH 656000 (3840 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 649668	CH 656000	CH 662332
			3745.02 MHz	3840 MHz	3934.98 MHz
BPSK	1	0	5.17	5.64	5.66
QPSK	1	0	9.14	8.59	8.86
16 QAM	1	0	9.34	9.55	9.64
64 QAM	1	0	9.09	9.56	9.16
256 QAM	1	0	9.2	9.58	9.89

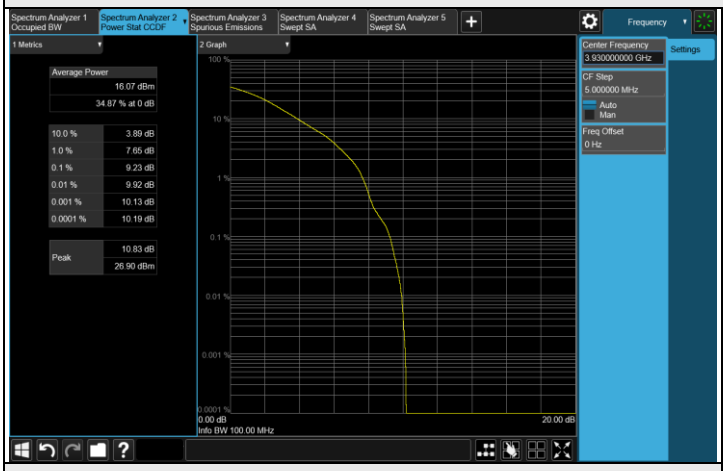
Spectrum Plot of Worst Value



256QAM CH 662332 (3934.98 MHz)

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

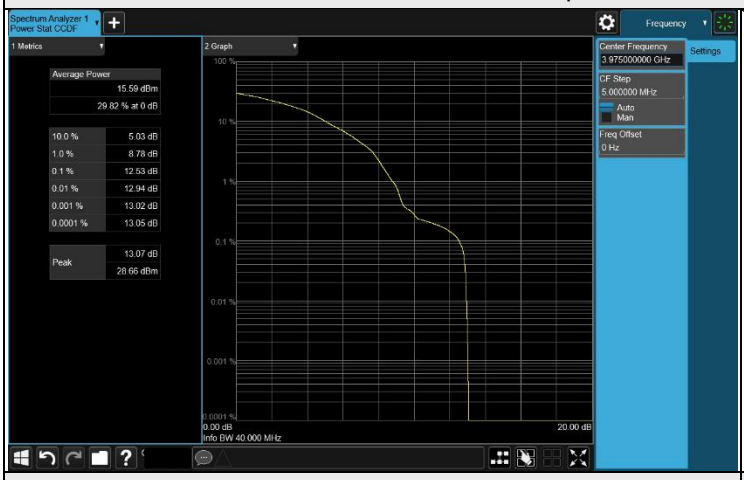
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 650000	CH 656000	CH 662000
			3750 MHz	3840 MHz	3930 MHz
BPSK	1	0	4.72	4.39	4.40
QPSK	1	0	7.94	8.14	7.67
16 QAM	1	0	8.09	7.81	8.24
64 QAM	1	0	7.99	7.72	8.08
256 QAM	1	0	8.65	8.34	9.23

Spectrum Plot of Worst Value	
	
256 QAM CH 662000 (3930 MHz)	

7.3.10 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) (PC3)

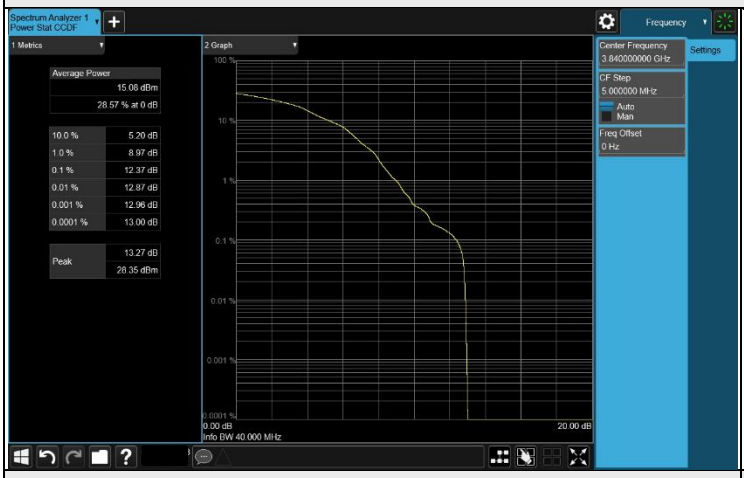
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647000	CH 656000	CH 665000
			3705 MHz	3840 MHz	3975 MHz
BPSK	1	0	6.38	6.64	6.91
QPSK	1	0	10.47	11.07	10.23
16QAM	1	0	10.23	10.15	10.74
64QAM	1	0	12.23	11.13	11.44
256QAM	1	0	10.6	10.95	12.53

Spectrum Plot of Worst Value	
	
256QAM CH 665000 (3975 MHz)	

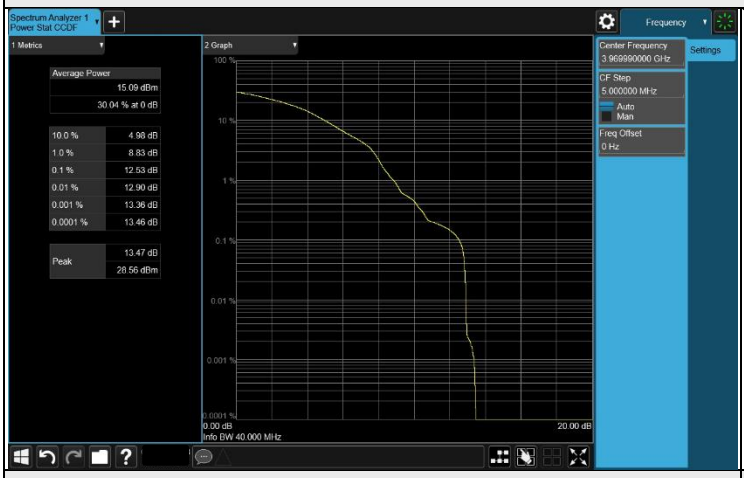
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647168	CH 656000	CH 664832
			3707.52 MHz	3840 MHz	3972.48 MHz
BPSK	1	0	6.76	6.95	7.14
QPSK	1	0	10.53	10.32	10.81
16QAM	1	0	10.38	10.23	10.52
64QAM	1	0	10.44	11.4	11.47
256QAM	1	0	10.74	12.37	11.24

Spectrum Plot of Worst Value	
	
256QAM CH 656000 (3840 MHz)	

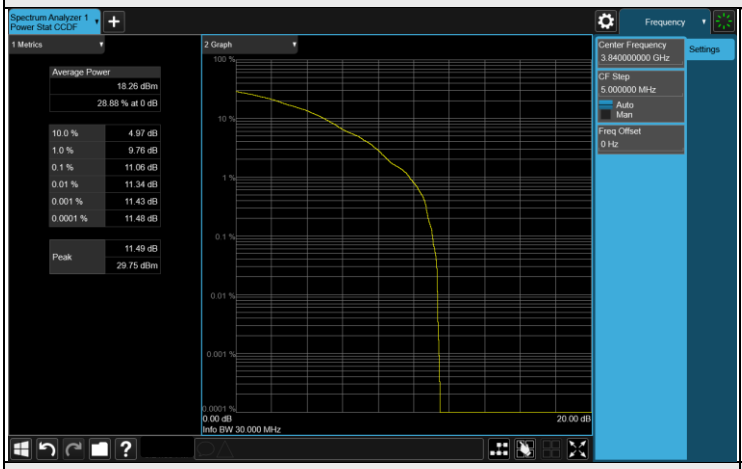
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647334	CH 656000	CH 664666
			3710.01 MHz	3840 MHz	3969.99 MHz
BPSK	1	0	6.86	6.93	7.11
QPSK	1	0	10.27	10.73	10.34
16QAM	1	0	10.53	10.53	10.89
64QAM	1	0	11.38	11.26	11.37
256QAM	1	0	12.07	11.17	12.53

Spectrum Plot of Worst Value	
	
256QAM CH 664666 (3969.99 MHz)	

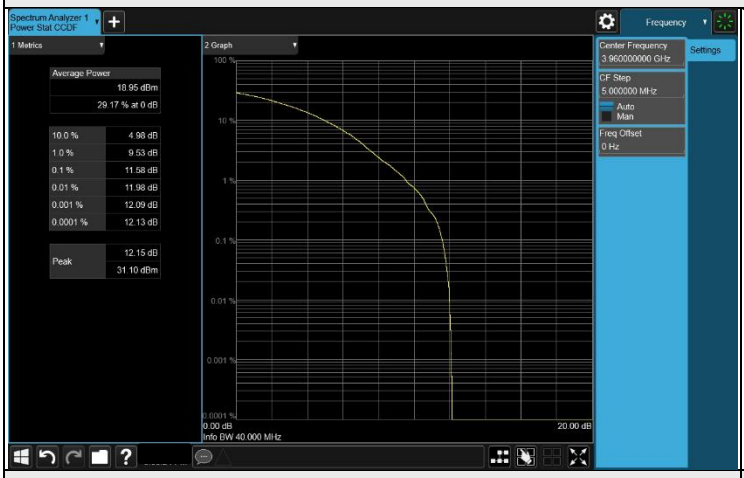
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647668	CH 656000	CH 664332
			3715.02 MHz	3840 MHz	3964.98 MHz
BPSK	50	25	6.69	6.68	6.64
QPSK	53	26	8.25	8.77	8.74
16QAM	53	26	8.82	9.37	9.14
64QAM	53	26	10.2	10.19	9.8
256QAM	53	26	11.02	11.06	11.03

Spectrum Plot of Worst Value	
	
256QAM CH 656000 (3840 MHz)	

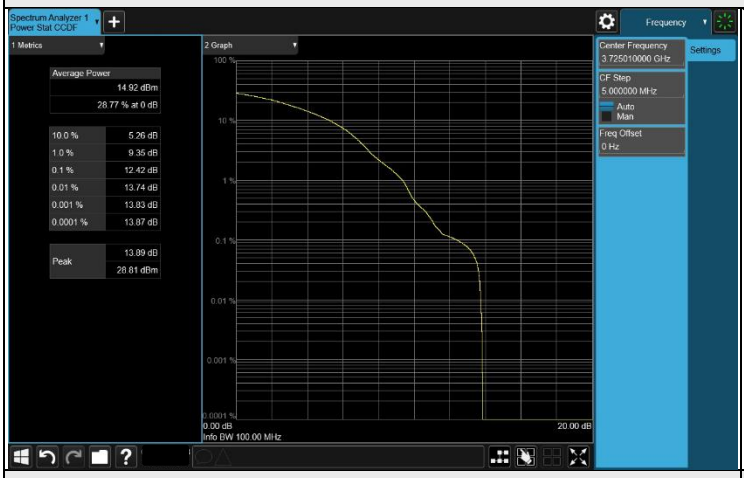
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 648000	CH 656000	CH 664000
			3720 MHz	3840 MHz	3960 MHz
BPSK	1	0	6.84	7.09	7.2
QPSK	1	0	11.1	10.45	11.35
16QAM	1	0	10.64	10.44	11.07
64QAM	1	0	11.38	11.34	11.58
256QAM	1	0	11.24	11.5	11.35

Spectrum Plot of Worst Value	
	
64QAM CH 664000 (3960 MHz)	

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 50 MHz

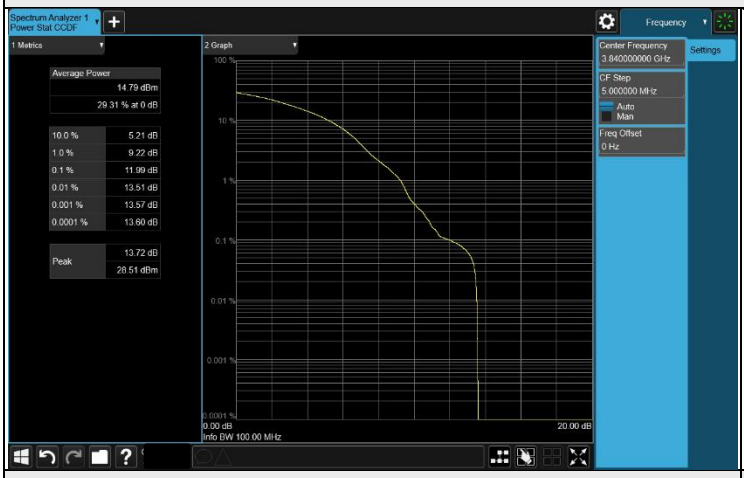
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 648334	CH 656000	CH 663666
			3725.01 MHz	3840 MHz	3954.99 MHz
BPSK	1	0	6.89	6.97	7.2
QPSK	1	0	10.32	11.28	10.74
16QAM	1	0	10.61	10.43	10.79
64QAM	1	0	11.44	11.15	11.61
256QAM	1	0	12.42	11.48	11.51

Spectrum Plot of Worst Value	
	
256QAM CH 648334 (3725.01 MHz)	

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

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 648668	CH 656000	CH 663332
			3730.02 MHz	3840 MHz	3949.98 MHz
BPSK	1	0	6.71	6.92	6.88
QPSK	1	0	9.17	10.13	10.37
16QAM	1	0	10.77	10.53	10.71
64QAM	1	0	10.88	11.28	11.01
256QAM	1	0	11.42	11.99	11.47

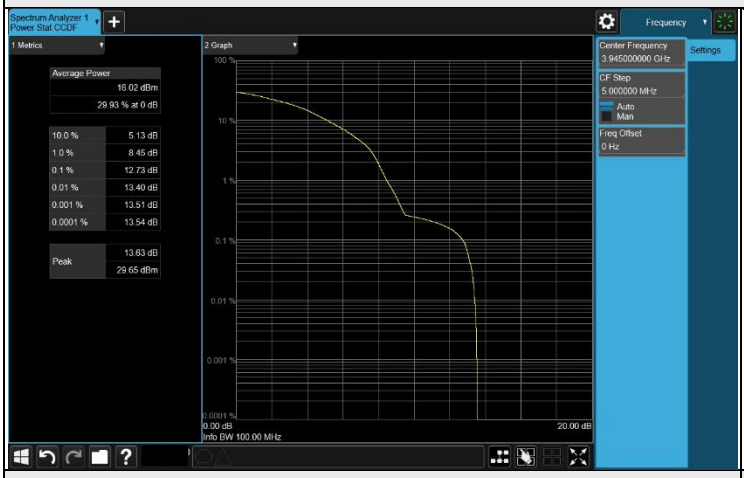
Spectrum Plot of Worst Value



256QAM CH 656000 (3840 MHz)

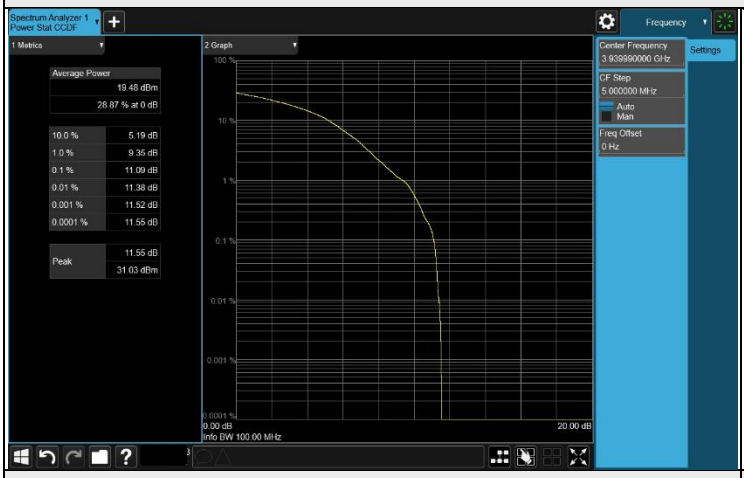
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 649000	CH 656000	CH 663000
			3735 MHz	3840 MHz	3945 MHz
BPSK	1	0	6.88	9.3	10.06
QPSK	1	0	10.49	10.04	10.19
16QAM	1	0	10.53	10.66	10.61
64QAM	1	0	10.38	11.16	11.32
256QAM	1	0	12.08	11.14	12.73

Spectrum Plot of Worst Value	
	
BPSK CH 663000 (3945 MHz)	

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

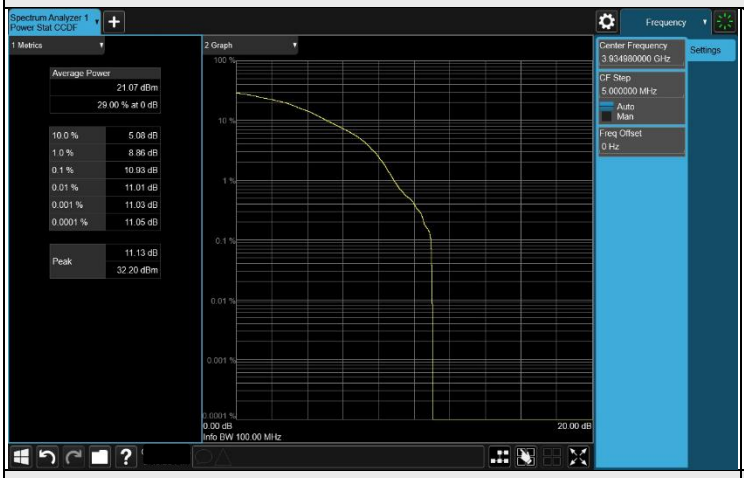
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 649334	CH 656000	CH 662666
			3740.01 MHz	3840 MHz	3939.99 MHz
BPSK	1	0	6.9	6.93	7.19
QPSK	1	0	9.49	10.28	9.36
16QAM	1	0	10.2	10.12	10.44
64QAM	1	0	10.79	10.86	11.09
256QAM	1	0	10.67	10.49	10.96

Spectrum Plot of Worst Value	
	
64QAM CH 662666 (3939.99 MHz)	

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 649668	CH 656000	CH 662332
			3745.02 MHz	3840 MHz	3934.98 MHz
BPSK	1	0	6.87	6.92	7.04
QPSK	1	0	9.13	9.38	10.93
16QAM	1	0	10.18	10	10.42
64QAM	1	0	10.63	10.66	10.8
256QAM	1	0	10.26	10.36	10.29

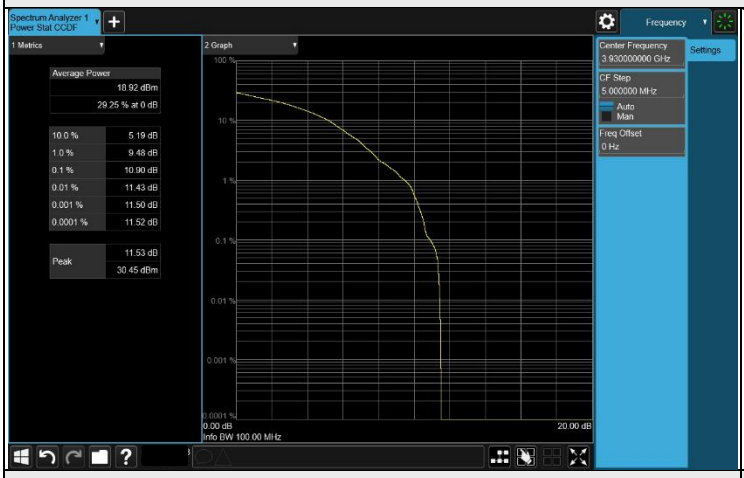
Spectrum Plot of Worst Value



QPSK CH 662332 (3934.98 MHz)

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

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 650000	CH 656000	CH 662000
			3750 MHz	3840 MHz	3930 MHz
BPSK	1	0	7.02	7.08	7.25
QPSK	1	0	10.29	10.33	10.36
16QAM	1	0	10	10.01	10.35
64QAM	1	0	10.87	10.5	10.9
256QAM	1	0	10.37	10.23	10.7

Spectrum Plot of Worst Value	
	
64QAM CH 662000 (3930 MHz)	

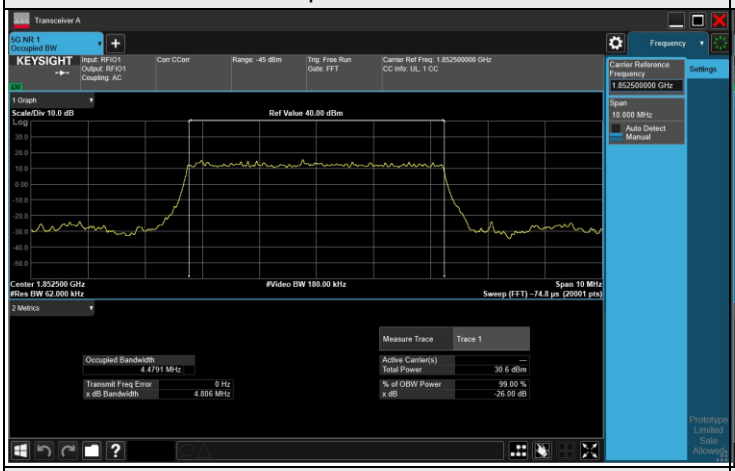
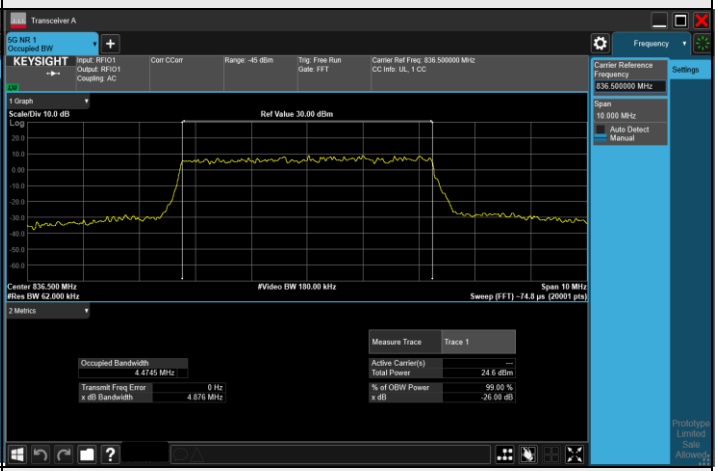
7.4 Bandwidth

Input Power:	4.7 Vdc	Environmental Conditions:	23°C, 71% RH	Tested By:	James Yang

7.4.1 NR n2 SCS 15 kHz

NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	370500	1852.5	4.4791	4.806
BPSK	376000	1880	4.4673	4.829
BPSK	381500	1907.5	4.4550	4.797
QPSK	370500	1852.5	4.4702	4.829
QPSK	376000	1880	4.4672	4.830
QPSK	381500	1907.5	4.4594	4.818
16 QAM	370500	1852.5	4.4623	4.851
16 QAM	376000	1880	4.4602	4.858
16 QAM	381500	1907.5	4.4533	4.791
64 QAM	370500	1852.5	4.4560	4.802
64 QAM	376000	1880	4.4584	4.810
64 QAM	381500	1907.5	4.4742	4.876
256 QAM	370500	1852.5	4.4605	4.836
256 QAM	376000	1880	4.4643	4.863
256 QAM	381500	1907.5	4.4571	4.751

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
BPSK CH 370500 (1852.5 MHz)	64 QAM CH 381500 (1907.5 MHz)

NR n2 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	371000	1855	9.1887	9.468
BPSK	376000	1880	9.2027	9.569
BPSK	381000	1905	9.2306	9.565
QPSK	371000	1855	9.2586	9.796
QPSK	376000	1880	9.2605	9.871
QPSK	381000	1905	9.2445	9.841
16 QAM	371000	1855	9.3108	9.973
16 QAM	376000	1880	9.2609	9.846
16 QAM	381000	1905	9.2808	9.848
64 QAM	371000	1855	9.2764	9.809
64 QAM	376000	1880	9.2769	9.83
64 QAM	381000	1905	9.2781	9.833
256 QAM	371000	1855	9.2723	9.771
256 QAM	376000	1880	9.2784	9.711
256 QAM	381000	1905	9.2769	9.775

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
16 QAM CH 371000 (1855 MHz)	16 QAM CH 371000 (1855 MHz)

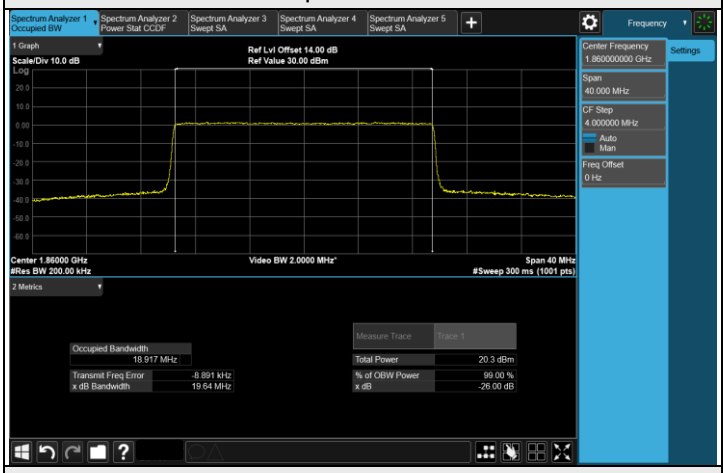
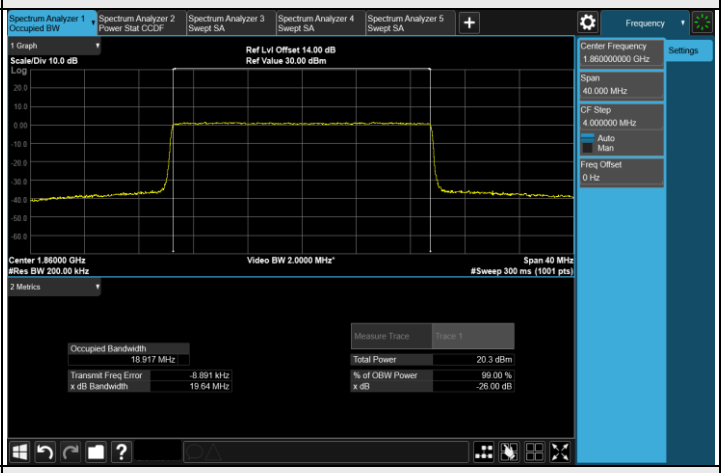
NR n2 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	371500	1857.5	13.981	14.16
BPSK	376000	1880	14.01	14.2
BPSK	380500	1902.5	13.929	14.18
QPSK	371500	1857.5	14.026	14.74
QPSK	376000	1880	14.037	14.8
QPSK	380500	1902.5	14.016	14.8
16 QAM	371500	1857.5	14.094	14.81
16 QAM	376000	1880	14.092	14.87
16 QAM	380500	1902.5	14.092	14.81
64 QAM	371500	1857.5	14.073	14.89
64 QAM	376000	1880	14.062	14.69
64 QAM	380500	1902.5	14.056	14.79
256 QAM	371500	1857.5	14.088	14.76
256 QAM	376000	1880	14.071	14.69
256 QAM	380500	1902.5	14.059	14.83

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
16 QAM CH 371500 (1857.5 MHz)	64 QAM CH 371500 (1857.5 MHz)

NR n2 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	372000	1860	17.843	18.50
BPSK	376000	1880	17.839	18.53
BPSK	380000	1900	17.843	18.51
QPSK	372000	1860	18.906	19.60
QPSK	376000	1880	18.900	19.58
QPSK	380000	1900	18.903	19.61
16 QAM	372000	1860	18.901	19.59
16 QAM	376000	1880	18.900	19.59
16 QAM	380000	1900	18.906	19.60
64 QAM	372000	1860	18.917	19.64
64 QAM	376000	1880	18.909	19.62
64 QAM	380000	1900	18.912	19.62
256 QAM	372000	1860	18.898	19.59
256 QAM	376000	1880	18.896	19.60
256 QAM	380000	1900	18.895	19.61

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
64 QAM CH 372000 (1860 MHz)	64 QAM CH 372000 (1860 MHz)

7.4.2 NR n5 SCS 15 kHz

NR n5 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	165300	826.5	4.4771	4.809
BPSK	167300	836.5	4.4791	4.877
BPSK	169300	846.5	4.4693	4.846
QPSK	165300	826.5	4.4831	4.893
QPSK	167300	836.5	4.4664	4.852
QPSK	169300	846.5	4.4762	4.860
16 QAM	165300	826.5	4.4560	4.803
16 QAM	167300	836.5	4.4585	4.840
16 QAM	169300	846.5	4.4594	4.872
64 QAM	165300	826.5	4.4691	4.785
64 QAM	167300	836.5	4.4563	4.773
64 QAM	169300	846.5	4.4523	4.815
256 QAM	165300	826.5	4.4731	4.856
256 QAM	167300	836.5	4.4745	4.876
256 QAM	169300	846.5	4.4644	4.796

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
QPSK CH 165300 (826.5 MHz)	QPSK CH 165300 (826.5 MHz)

NR n5 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	165800	829	9.2389	9.544
BPSK	167300	836.5	9.1504	9.509
BPSK	168800	844	9.1902	9.575
QPSK	165800	829	9.2789	9.853
QPSK	167300	836.5	9.2604	9.901
QPSK	168800	844	9.2603	9.845
16 QAM	165800	829	9.2600	9.861
16 QAM	167300	836.5	9.3102	9.873
16 QAM	168800	844	9.3042	9.865
64 QAM	165800	829	9.2828	9.750
64 QAM	167300	836.5	9.2726	9.786
64 QAM	168800	844	9.2808	9.866
256 QAM	165800	829	9.2901	9.779
256 QAM	167300	836.5	9.2765	9.755
256 QAM	168800	844	9.2626	9.823

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
16 QAM CH 167300 (836.5 MHz)	QPSK CH 167300 (836.5 MHz)

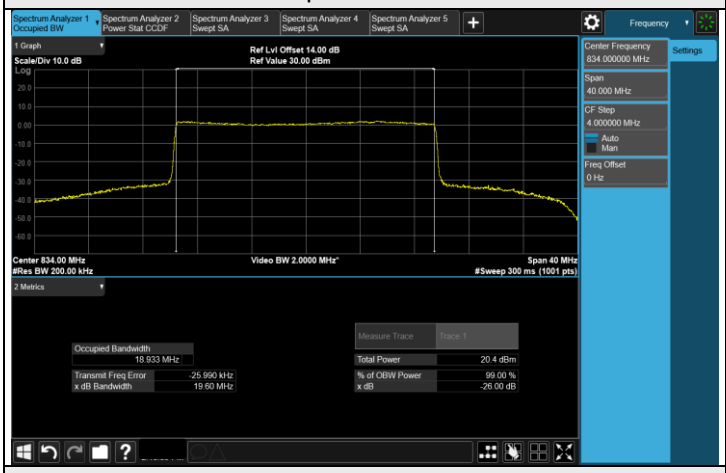
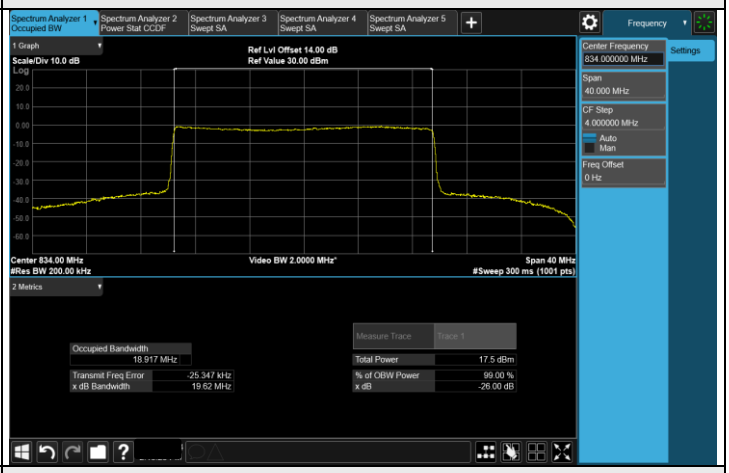
NR n5 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	166300	831.5	14.041	14.20
BPSK	167300	836.5	13.894	14.16
BPSK	168300	841.5	13.896	14.14
QPSK	166300	831.5	14.110	14.82
QPSK	167300	836.5	14.079	14.77
QPSK	168300	841.5	13.987	14.74
16 QAM	166300	831.5	14.100	14.80
16 QAM	167300	836.5	14.053	14.74
16 QAM	168300	841.5	14.083	14.80
64 QAM	166300	831.5	14.092	14.79
64 QAM	167300	836.5	14.041	14.67
64 QAM	168300	841.5	14.026	14.85
256 QAM	166300	831.5	14.095	14.80
256 QAM	167300	836.5	14.065	14.73
256 QAM	168300	841.5	14.017	14.83

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
QPSK CH 166300 (831.5 MHz)	64 QAM CH 168300 (841.5 MHz)

NR n5 SCS 15 kHz, Channel Bandwidth: 20 MHz

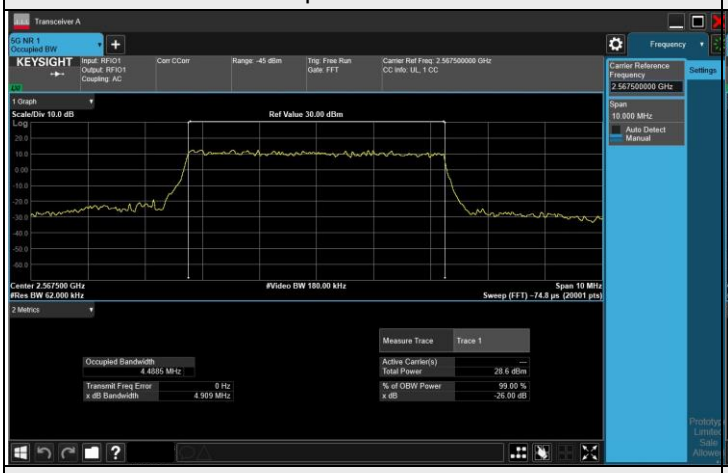
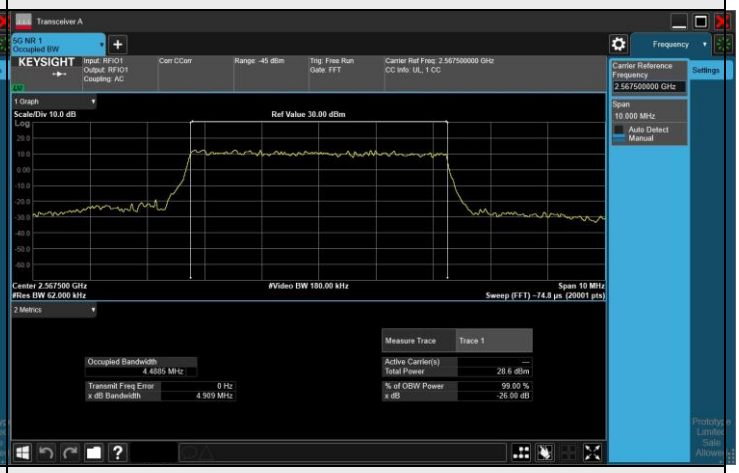
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	166800	834	17.852	18.56
BPSK	167300	836.5	17.831	18.54
BPSK	167800	839	17.820	18.50
QPSK	166800	834	18.925	19.61
QPSK	167300	836.5	18.896	19.58
QPSK	167800	839	18.881	19.57
16 QAM	166800	834	18.925	19.61
16 QAM	167300	836.5	18.892	19.60
16 QAM	167800	839	18.886	19.58
64 QAM	166800	834	18.933	19.60
64 QAM	167300	836.5	18.907	19.61
64 QAM	167800	839	18.890	19.58
256 QAM	166800	834	18.917	19.62
256 QAM	167300	836.5	18.882	19.60
256 QAM	167800	839	18.873	19.58

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
64QAM CH 166800 (834 MHz)	256QAM CH 166800 (834 MHz)

7.4.3 NR n7 SCS 15 kHz

NR n7 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	500500	2502.5	4.4554	4.829
BPSK	507000	2535	4.4581	4.815
BPSK	513500	2567.5	4.4653	4.83
QPSK	500500	2502.5	4.4622	4.838
QPSK	507000	2535	4.4544	4.825
QPSK	513500	2567.5	4.4604	4.828
16 QAM	500500	2502.5	4.4504	4.846
16 QAM	507000	2535	4.4494	4.783
16 QAM	513500	2567.5	4.4591	4.818
64 QAM	500500	2502.5	4.4602	4.818
64 QAM	507000	2535	4.4621	4.823
64 QAM	513500	2567.5	4.4885	4.909
256 QAM	500500	2502.5	4.4562	4.839
256 QAM	507000	2535	4.4582	4.854
256 QAM	513500	2567.5	4.4584	4.832

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
64 QAM CH 513500 (2567.5 MHz)	64 QAM CH 513500 (2567.5 MHz)

NR n7 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	501000	2505	9.1603	9.585
BPSK	507000	2535	9.1942	9.464
BPSK	513000	2565	9.1989	9.669
QPSK	501000	2505	9.2566	9.819
QPSK	507000	2535	9.2622	9.893
QPSK	513000	2565	9.2803	9.911
16 QAM	501000	2505	9.2540	9.790
16 QAM	507000	2535	9.2484	9.825
16 QAM	513000	2565	9.2680	9.844
64 QAM	501000	2505	9.2680	9.849
64 QAM	507000	2535	9.3126	9.924
64 QAM	513000	2565	9.2708	9.801
256 QAM	501000	2505	9.2683	9.902
256 QAM	507000	2535	9.2701	9.882
256 QAM	513000	2565	9.2600	9.903

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
64 QAM CH 507000 (2535 MHz)	64 QAM CH 507000 (2535 MHz)

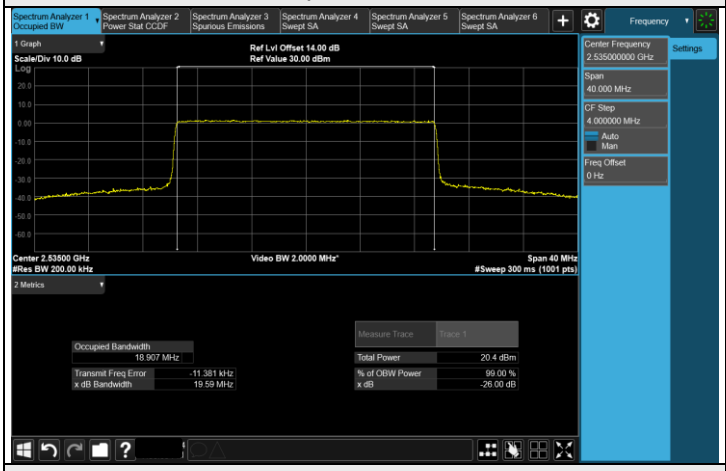
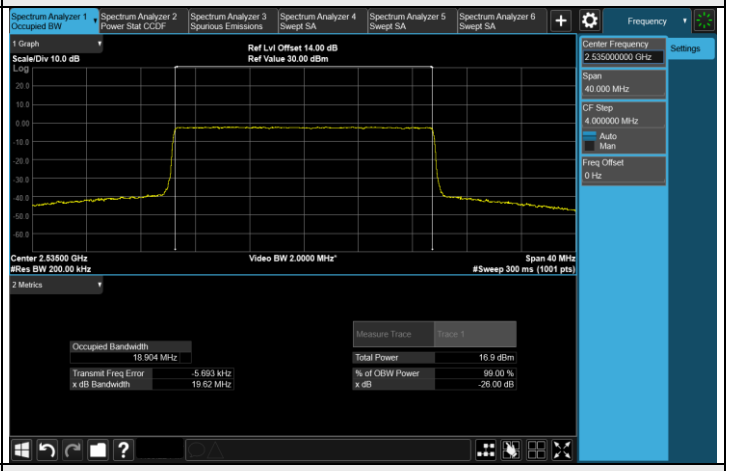
NR n7 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	501500	2507.5	13.846	14.23
BPSK	507000	2535	13.917	13.99
BPSK	512500	2562.5	13.908	13.99
QPSK	501500	2507.5	14.094	14.81
QPSK	507000	2535	14.080	14.88
QPSK	512500	2562.5	14.101	14.91
16 QAM	501500	2507.5	14.050	14.77
16 QAM	507000	2535	14.052	14.69
16 QAM	512500	2562.5	14.067	14.72
64 QAM	501500	2507.5	14.089	14.85
64 QAM	507000	2535	14.112	14.93
64 QAM	512500	2562.5	14.080	14.69
256 QAM	501500	2507.5	14.073	14.83
256 QAM	507000	2535	14.067	14.74
256 QAM	512500	2562.5	14.092	14.77

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
64 QAM CH 507000 (2535 MHz)	64 QAM CH 507000 (2535 MHz)

NR n7 SCS 15 kHz, Channel Bandwidth: 20 MHz

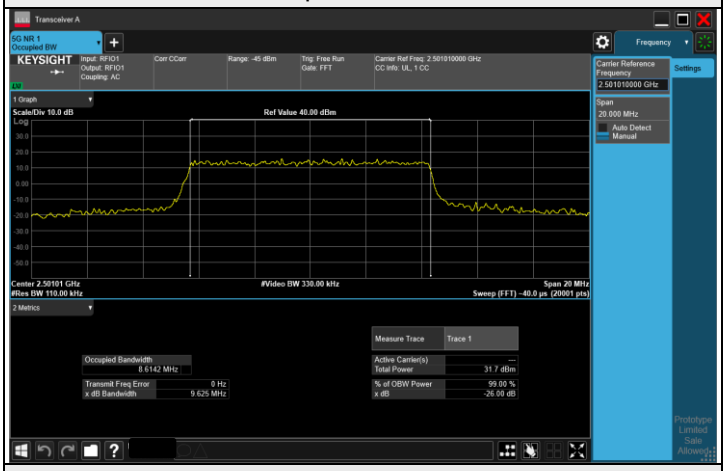
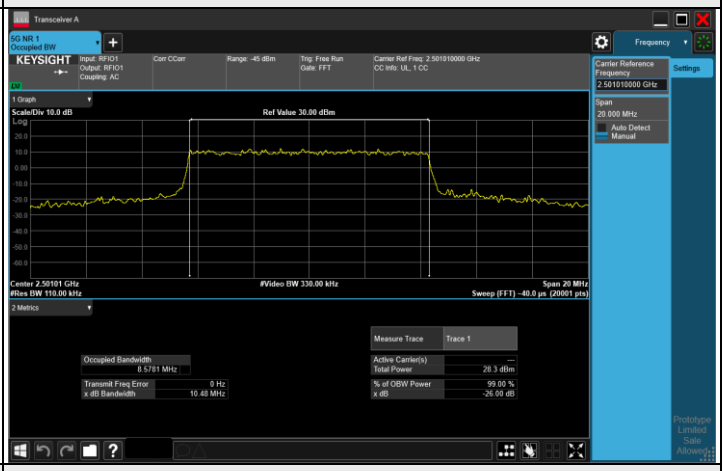
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	502000	2510	17.812	18.49
BPSK	507000	2535	17.833	18.55
BPSK	512000	2560	17.859	18.54
QPSK	502000	2510	18.887	19.60
QPSK	507000	2535	18.904	19.61
QPSK	512000	2560	18.893	19.59
16 QAM	502000	2510	18.891	19.60
16 QAM	507000	2535	18.907	19.59
16 QAM	512000	2560	18.897	19.58
64 QAM	502000	2510	18.874	19.58
64 QAM	507000	2535	18.898	19.60
64 QAM	512000	2560	18.888	19.57
256 QAM	502000	2510	18.887	19.60
256 QAM	507000	2535	18.904	19.62
256 QAM	512000	2560	18.896	19.61

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
16 QAM CH 507000 (2535 MHz)	256QAM CH 507000 (2535 MHz)

7.4.4 NR n41 SCS 30 kHz

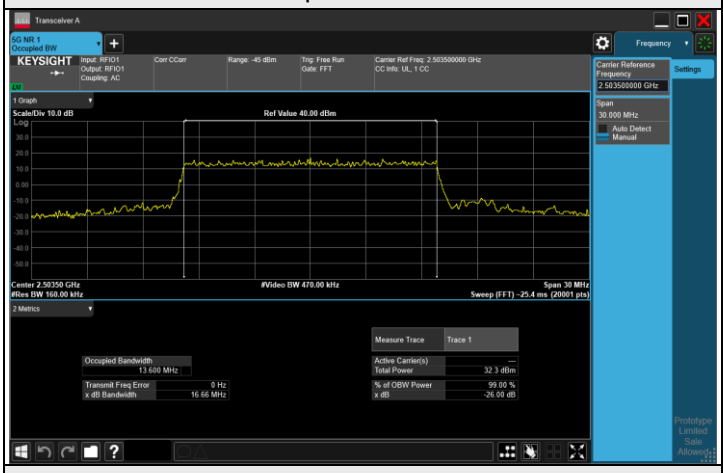
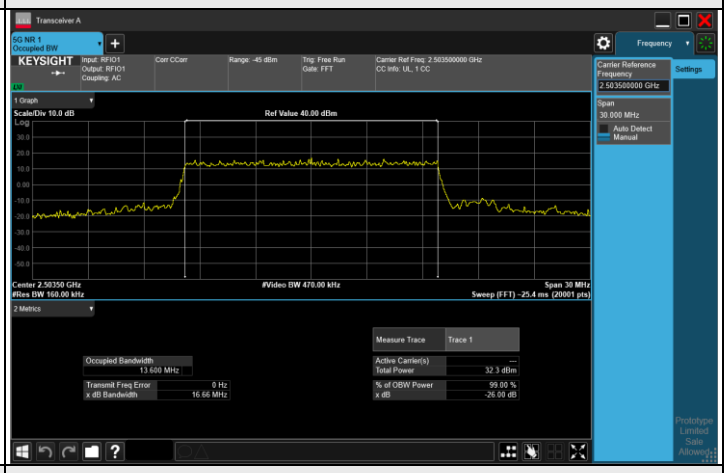
NR n41 SCS 30 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	500202	2501.01	8.5828	9.323
BPSK	518598	2592.99	8.5965	9.309
BPSK	537000	2685	8.5941	9.401
QPSK	500202	2501.01	8.6142	9.625
QPSK	518598	2592.99	8.5684	9.473
QPSK	537000	2685	8.5681	9.370
16 QAM	500202	2501.01	8.5742	9.341
16 QAM	518598	2592.99	8.5704	9.282
16 QAM	537000	2685	8.5924	9.386
64 QAM	500202	2501.01	8.5986	9.444
64 QAM	518598	2592.99	8.5647	9.242
64 QAM	537000	2685	8.5721	9.413
256 QAM	500202	2501.01	8.5781	10.48
256 QAM	518598	2592.99	8.5863	9.314
256 QAM	537000	2685	8.5645	9.327

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
QPSK CH 500202 (2501.01 MHz)	256 QAM CH 500202 (2501.01 MHz)

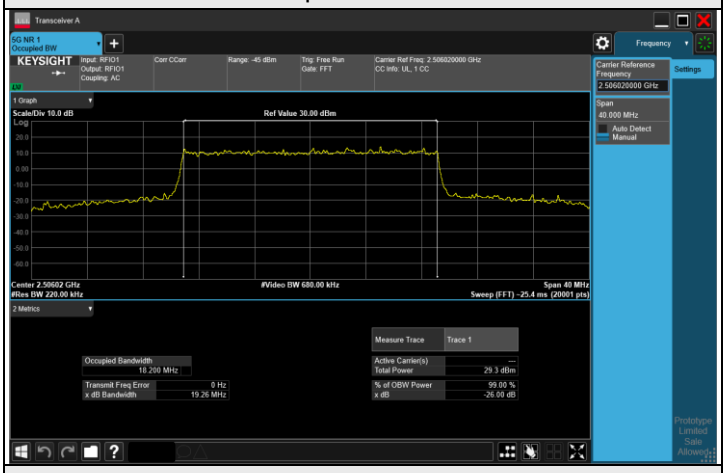
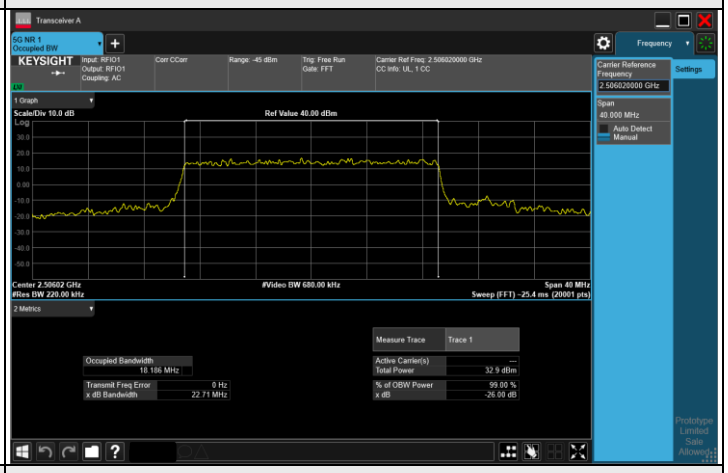
NR n41 SCS 30 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	500700	2503.5	13.438	13.95
BPSK	518598	2592.99	13.428	13.95
BPSK	536496	2682.48	13.455	13.94
QPSK	500700	2503.5	13.578	14.56
QPSK	518598	2592.99	13.546	14.52
QPSK	536496	2682.48	13.539	14.35
16 QAM	500700	2503.5	13.600	16.66
16 QAM	518598	2592.99	13.594	14.53
16 QAM	536496	2682.48	13.554	14.39
64 QAM	500700	2503.5	13.555	14.76
64 QAM	518598	2592.99	13.543	14.52
64 QAM	536496	2682.48	13.546	14.43
256 QAM	500700	2503.5	13.560	14.58
256 QAM	518598	2592.99	13.537	14.42
256 QAM	536496	2682.48	13.561	14.60

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
16 QAM CH 500700 (2503.5 MHz)	16 QAM CH 500700 (2503.5 MHz)

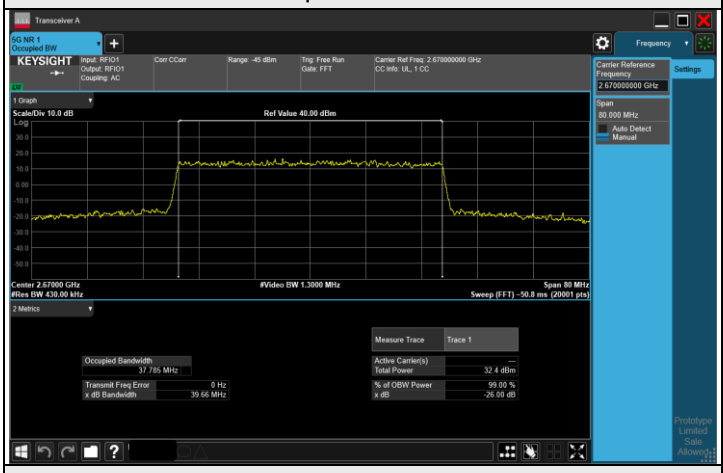
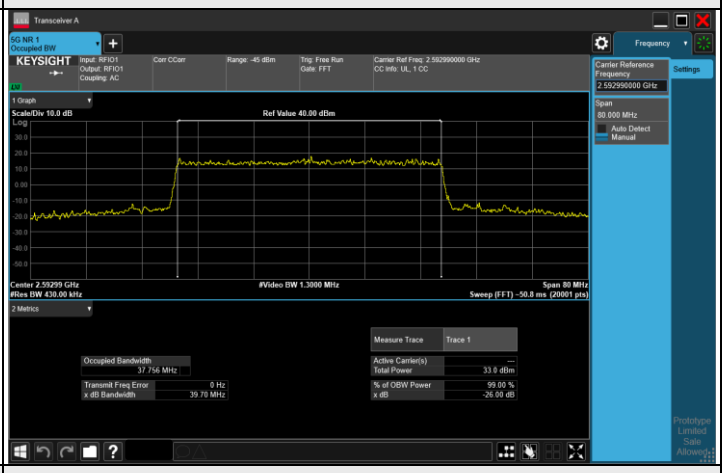
NR n41 SCS 30 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	501204	2506.02	18.022	19.15
BPSK	518598	2592.99	18.030	18.99
BPSK	535998	2679.99	17.977	18.90
QPSK	501204	2506.02	18.173	19.49
QPSK	518598	2592.99	18.176	19.49
QPSK	535998	2679.99	18.180	19.54
16 QAM	501204	2506.02	18.186	22.71
16 QAM	518598	2592.99	18.182	22.48
16 QAM	535998	2679.99	18.177	19.54
64 QAM	501204	2506.02	18.132	19.39
64 QAM	518598	2592.99	18.125	19.43
64 QAM	535998	2679.99	18.128	19.39
256 QAM	501204	2506.02	18.200	19.26
256 QAM	518598	2592.99	18.169	19.22
256 QAM	535998	2679.99	18.164	19.37

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
256 QAM CH 501204 (2506.02 MHz)	16 QAM CH 501204 (2506.02 MHz)

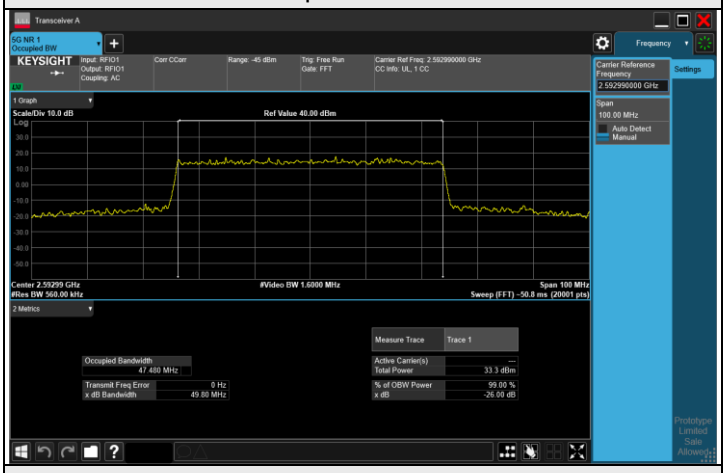
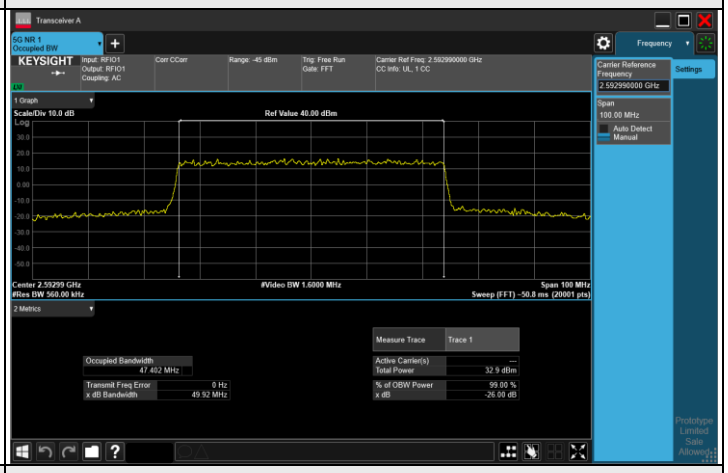
NR n41 SCS 30 kHz, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	503202	2516.01	37.242	37.49
BPSK	518598	2592.99	37.298	37.28
BPSK	534000	2670	37.474	37.45
QPSK	503202	2516.01	37.714	39.24
QPSK	518598	2592.99	37.721	39.32
QPSK	534000	2670	37.771	39.37
16 QAM	503202	2516.01	37.748	39.58
16 QAM	518598	2592.99	37.756	39.70
16 QAM	534000	2670	37.762	39.61
64 QAM	503202	2516.01	37.659	39.55
64 QAM	518598	2592.99	37.707	39.52
64 QAM	534000	2670	37.785	39.66
256 QAM	503202	2516.01	37.697	39.41
256 QAM	518598	2592.99	37.697	39.31
256 QAM	534000	2670	37.724	39.61

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
64 QAM CH 534000 (2670 MHz)	16 QAM CH 518598 (2592.99 MHz)

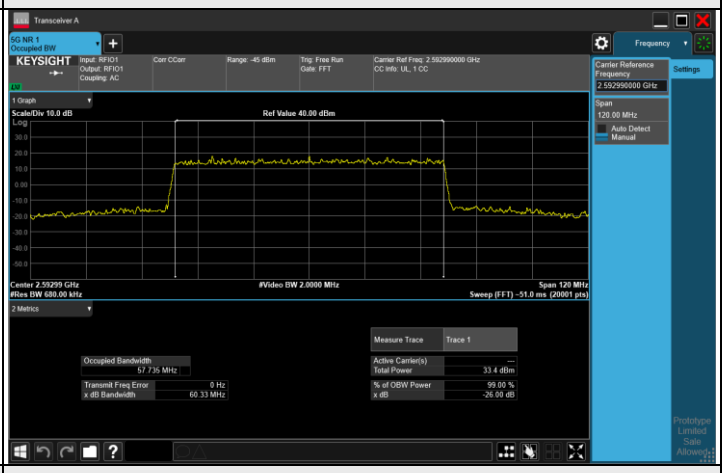
NR n41 SCS 30 kHz, Channel Bandwidth: 50 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	504204	2521.02	46.693	48.05
BPSK	518598	2592.99	46.965	48.03
BPSK	532998	2664.99	46.994	48.09
QPSK	504204	2521.02	47.411	49.64
QPSK	518598	2592.99	47.480	49.80
QPSK	532998	2664.99	47.433	49.85
16 QAM	504204	2521.02	47.302	49.68
16 QAM	518598	2592.99	47.371	49.63
16 QAM	532998	2664.99	47.372	49.78
64 QAM	504204	2521.02	47.390	49.87
64 QAM	518598	2592.99	47.402	49.92
64 QAM	532998	2664.99	47.421	49.91
256 QAM	504204	2521.02	47.361	49.59
256 QAM	518598	2592.99	47.393	49.89
256 QAM	532998	2664.99	47.411	49.30

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
QPSK CH 518598 (2592.99 MHz)	64 QAM CH 518598 (2592.99 MHz)

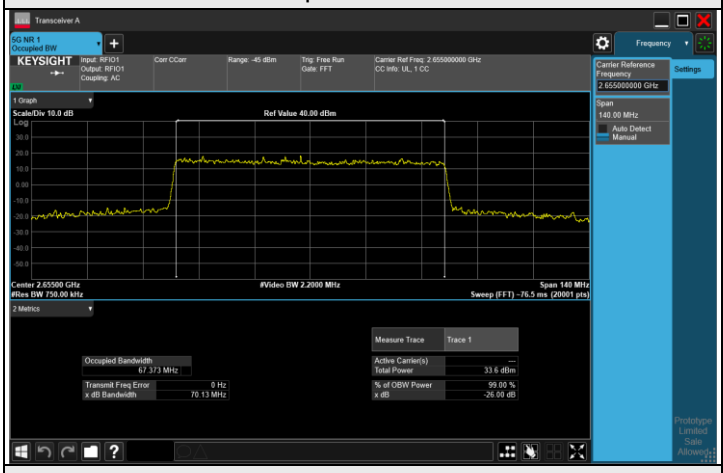
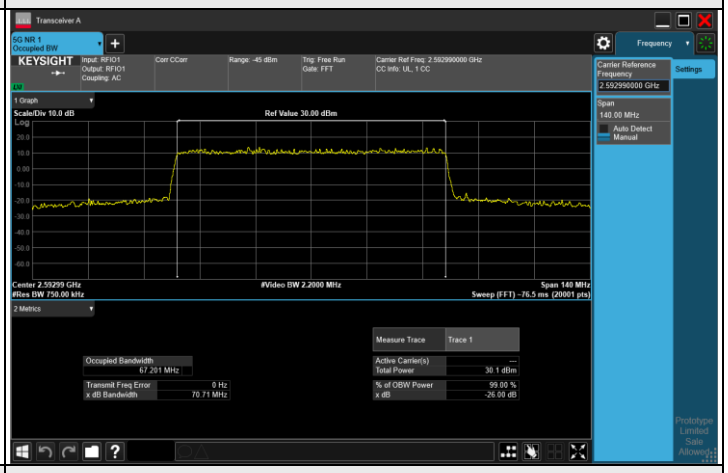
NR n41 SCS 30 kHz, Channel Bandwidth: 60 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	505200	2526	57.531	60.01
BPSK	518598	2592.99	57.629	60.02
BPSK	531996	2659.98	57.770	60.10
QPSK	505200	2526	57.458	59.95
QPSK	518598	2592.99	57.582	59.99
QPSK	531996	2659.98	57.603	59.98
16 QAM	505200	2526	57.650	60.31
16 QAM	518598	2592.99	57.735	60.33
16 QAM	531996	2659.98	57.762	60.16
64 QAM	505200	2526	57.556	59.76
64 QAM	518598	2592.99	57.652	59.93
64 QAM	531996	2659.98	57.738	59.82
256 QAM	505200	2526	57.593	59.98
256 QAM	518598	2592.99	57.844	60.31
256 QAM	531996	2659.98	57.758	60.31

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
256 QAM CH 518598 (2592.99 MHz)	16 QAM CH 518598 (2592.99 MHz)

NR n41 SCS 30 kHz, Channel Bandwidth: 70 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	506202	2531.01	66.491	67.11
BPSK	518598	2592.99	66.716	67.94
BPSK	531000	2655	66.769	67.21
QPSK	506202	2531.01	67.203	69.91
QPSK	518598	2592.99	67.314	69.89
QPSK	531000	2655	67.373	70.13
16 QAM	506202	2531.01	67.262	70.11
16 QAM	518598	2592.99	67.245	70.03
16 QAM	531000	2655	67.260	70.16
64 QAM	506202	2531.01	67.258	70.13
64 QAM	518598	2592.99	67.314	70.47
64 QAM	531000	2655	67.327	70.43
256 QAM	506202	2531.01	67.036	70.01
256 QAM	518598	2592.99	67.201	70.71
256 QAM	531000	2655	67.215	70.06

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
QPSK CH 531000 (2655 MHz)	256 QAM CH 518598 (2592.99 MHz)

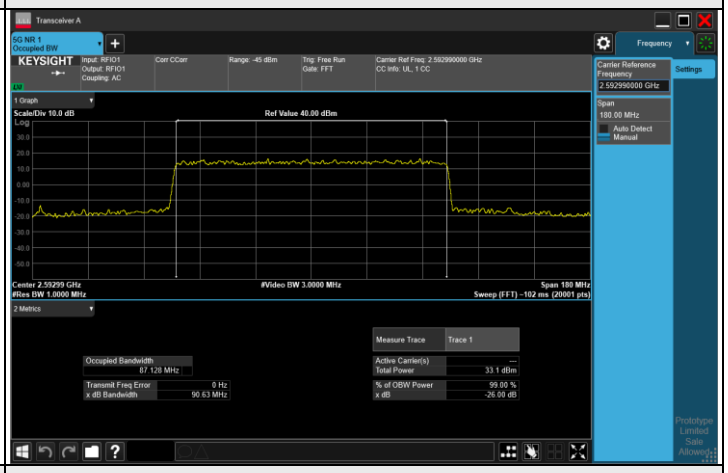
NR n41 SCS 30 kHz, Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	507204	2536.02	76.581	79.78
BPSK	518598	2592.99	76.866	80.06
BPSK	529998	2649.99	76.930	80.09
QPSK	507204	2536.02	77.122	80.39
QPSK	518598	2592.99	77.207	80.51
QPSK	529998	2649.99	77.140	80.37
16 QAM	507204	2536.02	77.029	80.05
16 QAM	518598	2592.99	77.125	80.13
16 QAM	529998	2649.99	77.123	79.94
64 QAM	507204	2536.02	77.092	80.24
64 QAM	518598	2592.99	77.202	80.52
64 QAM	529998	2649.99	77.186	80.25
256 QAM	507204	2536.02	77.155	80.57
256 QAM	518598	2592.99	77.223	80.53
256 QAM	529998	2649.99	77.157	80.53

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
256 QAM CH 518598 (2592.99 MHz)	256 QAM CH 507204 (2536.02 MHz)

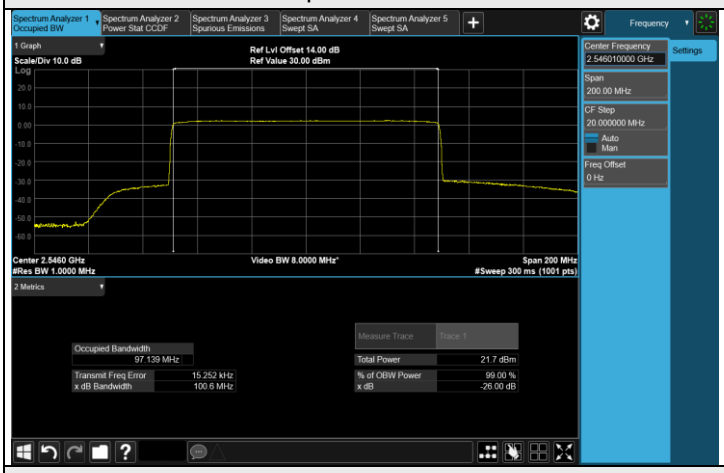
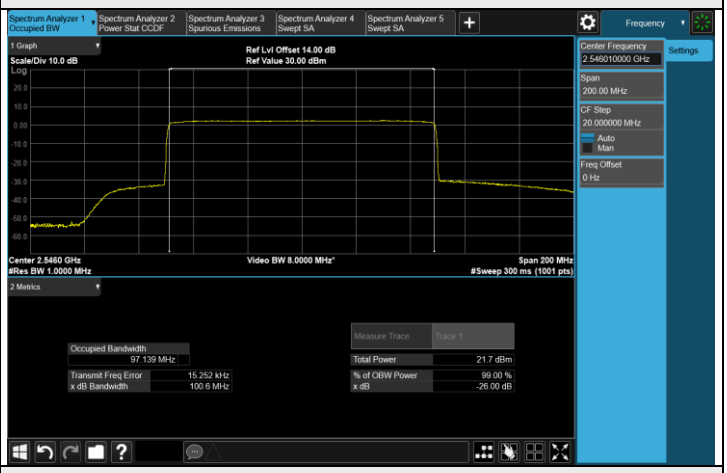
NR n41 SCS 30 kHz, Channel Bandwidth: 90 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	508200	2541	86.386	89.79
BPSK	518598	2592.99	86.420	89.88
BPSK	528996	2644.98	86.742	89.69
QPSK	508200	2541	87.309	90.42
QPSK	518598	2592.99	87.268	90.51
QPSK	528996	2644.98	87.197	90.34
16 QAM	508200	2541	87.070	90.60
16 QAM	518598	2592.99	86.929	90.60
16 QAM	528996	2644.98	86.998	90.39
64 QAM	508200	2541	87.053	90.28
64 QAM	518598	2592.99	87.128	90.63
64 QAM	528996	2644.98	87.158	90.61
256 QAM	508200	2541	87.233	90.57
256 QAM	518598	2592.99	87.356	90.62
256 QAM	528996	2644.98	87.248	90.48

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
256 QAM CH 518598 (2592.99 MHz)	64 QAM CH 518598 (2592.99 MHz)

NR n41 SCS 30 kHz, Channel Bandwidth: 100 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	509202	2546.01	96.071	99.51
BPSK	518598	2592.99	96.099	99.52
BPSK	528000	2640	96.050	99.49
QPSK	509202	2546.01	97.139	100.6
QPSK	518598	2592.99	97.134	100.6
QPSK	528000	2640	97.072	100.6
16 QAM	509202	2546.01	97.128	100.6
16 QAM	518598	2592.99	97.115	100.6
16 QAM	528000	2640	97.063	100.5
64 QAM	509202	2546.01	97.123	100.6
64 QAM	518598	2592.99	97.094	100.6
64 QAM	528000	2640	97.058	100.5
256 QAM	509202	2546.01	97.133	100.6
256 QAM	518598	2592.99	97.106	100.6
256 QAM	528000	2640	97.059	100.5

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
QPSK CH 509202 (2546.01 MHz)	QPSK CH 509202 (2546.01 MHz)

7.4.5 NR n66 SCS 15 kHz

NR n66 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	342500	1712.5	4.4574	4.830
BPSK	349000	1745	4.4543	4.819
BPSK	355500	1777.5	4.4561	4.813
QPSK	342500	1712.5	4.4574	4.836
QPSK	349000	1745	4.4584	4.807
QPSK	355500	1777.5	4.4594	4.799
16 QAM	342500	1712.5	4.4541	4.807
16 QAM	349000	1745	4.4562	4.841
16 QAM	355500	1777.5	4.4532	4.807
64 QAM	342500	1712.5	4.4542	4.749
64 QAM	349000	1745	4.4732	4.831
64 QAM	355500	1777.5	4.4573	4.828
256 QAM	342500	1712.5	4.4541	4.862
256 QAM	349000	1745	4.4723	4.859
256 QAM	355500	1777.5	4.4563	4.886

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
64 QAM CH 349000 (1745 MHz)	256 QAM CH 355500 (1777.5 MHz)

NR n66 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	343000	1715	9.1548	9.518
BPSK	349000	1745	9.1746	9.592
BPSK	355000	1775	9.1743	9.460
QPSK	343000	1715	9.2447	9.732
QPSK	349000	1745	9.2765	9.807
QPSK	355000	1775	9.2561	9.716
16 QAM	343000	1715	9.2510	9.915
16 QAM	349000	1745	9.2388	9.807
16 QAM	355000	1775	9.2424	9.879
64 QAM	343000	1715	9.3067	9.883
64 QAM	349000	1745	9.2809	9.791
64 QAM	355000	1775	9.3085	9.902
256 QAM	343000	1715	9.2610	9.802
256 QAM	349000	1745	9.2704	9.860
256 QAM	355000	1775	9.2867	9.732

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
64 QAM CH 355000 (1775 MHz)	16 QAM CH 343000 (1715 MHz)

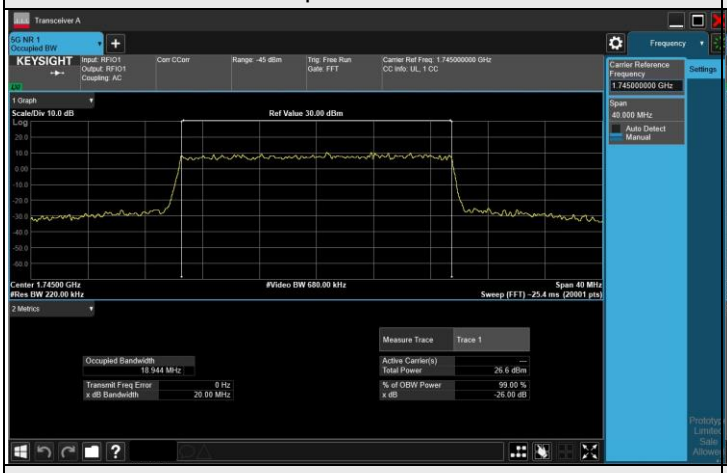
NR n66 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	343500	1717.5	14.002	14.13
BPSK	349000	1745	13.945	14.12
BPSK	354500	1772.5	14.046	14.22
QPSK	343500	1717.5	14.074	14.77
QPSK	349000	1745	14.053	14.78
QPSK	354500	1772.5	14.080	14.75
16 QAM	343500	1717.5	14.089	14.74
16 QAM	349000	1745	14.089	14.80
16 QAM	354500	1772.5	14.100	14.82
64 QAM	343500	1717.5	14.077	14.78
64 QAM	349000	1745	14.074	14.82
64 QAM	354500	1772.5	14.110	14.73
256 QAM	343500	1717.5	14.062	14.75
256 QAM	349000	1745	14.070	14.84
256 QAM	354500	1772.5	14.065	14.76

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
64 QAM CH 354500 (1772.5 MHz)	256 QAM CH 349000 (1745 MHz)

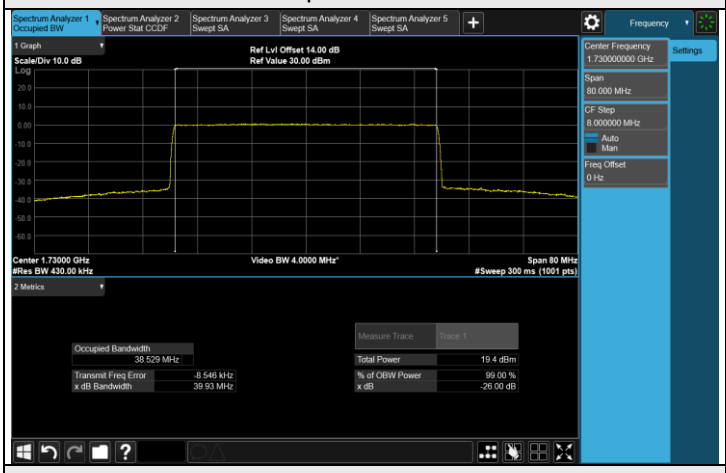
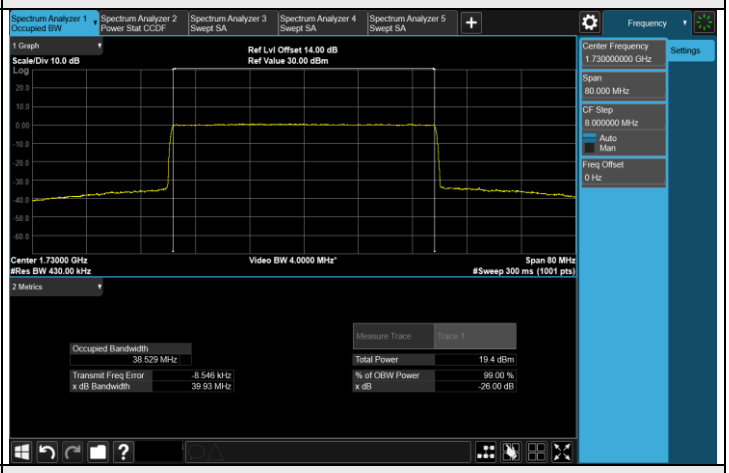
NR n66 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	344000	1720	18.746	19.10
BPSK	349000	1745	18.674	19.11
BPSK	354000	1770	18.749	18.47
QPSK	344000	1720	18.897	19.81
QPSK	349000	1745	18.836	19.80
QPSK	354000	1770	18.905	19.82
16 QAM	344000	1720	18.853	19.94
16 QAM	349000	1745	18.877	19.89
16 QAM	354000	1770	18.856	20.00
64 QAM	344000	1720	18.898	19.72
64 QAM	349000	1745	18.868	19.88
64 QAM	354000	1770	18.869	20.01
256 QAM	344000	1720	18.854	19.91
256 QAM	349000	1745	18.944	20.00
256 QAM	354000	1770	18.869	19.98

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
256 QAM CH 349000 (1745 MHz)	64 QAM CH 354000 (1770 MHz)

NR n66 SCS 15 kHz, Channel Bandwidth: 40 MHz

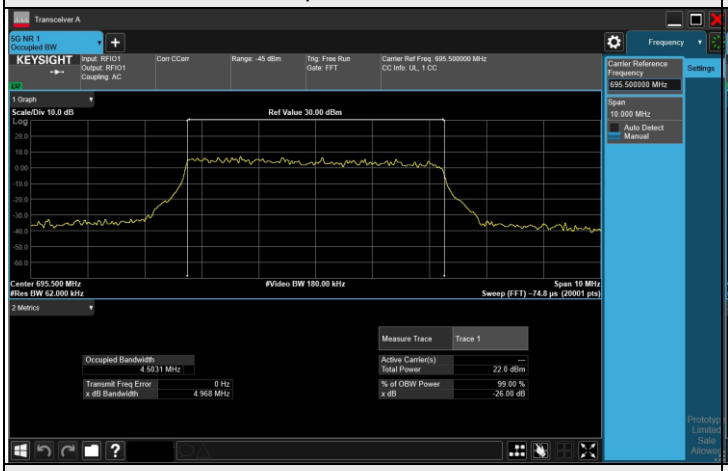
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	346000	1730	38.518	39.90
BPSK	349000	1745	38.525	39.90
BPSK	352000	1760	38.513	39.93
QPSK	346000	1730	38.521	39.93
QPSK	349000	1745	38.527	39.93
QPSK	352000	1760	38.506	39.92
16 QAM	346000	1730	38.529	39.93
16 QAM	349000	1745	38.524	39.91
16 QAM	352000	1760	38.508	39.91
64 QAM	346000	1730	38.519	39.92
64 QAM	349000	1745	38.513	39.92
64 QAM	352000	1760	38.493	39.89
256 QAM	346000	1730	38.506	39.91
256 QAM	349000	1745	38.509	39.92
256 QAM	352000	1760	38.489	39.90

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
16 QAM CH 346000 (1730 MHz)	16 QAM CH 346000 (1730 MHz)

7.4.6 NR n71 SCS 15 kHz

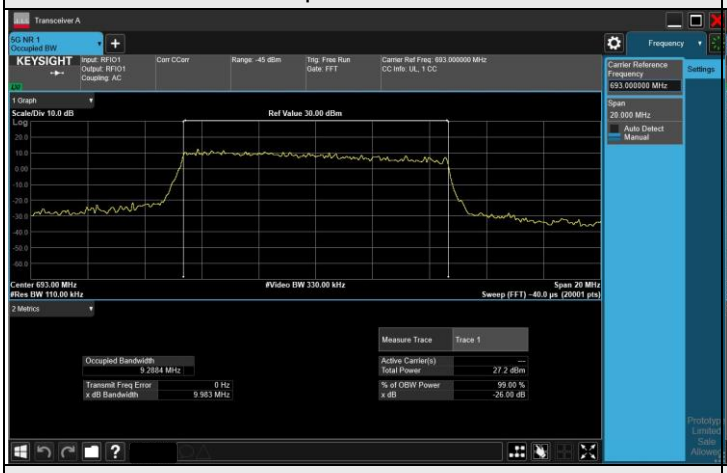
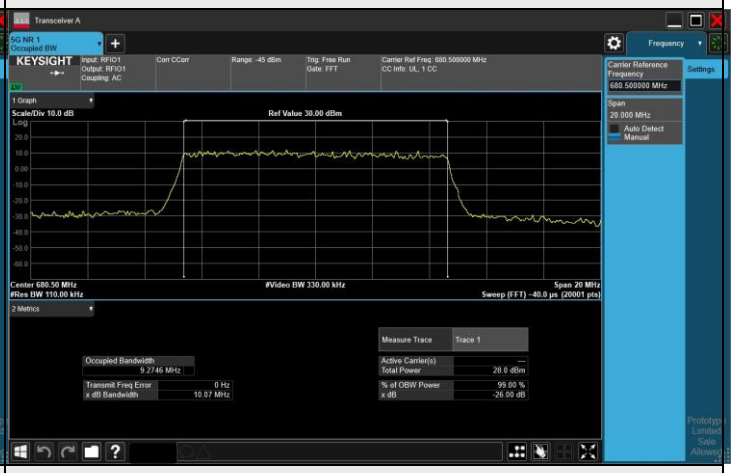
NR n71 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	133100	665.5	4.4792	5.002
BPSK	136100	680.5	4.4810	4.994
BPSK	139100	695.5	4.4854	5.002
QPSK	133100	665.5	4.4625	4.985
QPSK	136100	680.5	4.4870	4.959
QPSK	139100	695.5	4.4673	5.046
16 QAM	133100	665.5	4.4784	4.918
16 QAM	136100	680.5	4.4554	4.949
16 QAM	139100	695.5	4.4692	5.012
64 QAM	133100	665.5	4.4604	5.131
64 QAM	136100	680.5	4.4754	4.962
64 QAM	139100	695.5	4.4952	4.944
256 QAM	133100	665.5	4.4761	5.058
256 QAM	136100	680.5	4.4754	5.052
256 QAM	139100	695.5	4.5031	4.968

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
256 QAM CH 139100 (695.5 MHz)	64 QAM CH 133100 (665.5 MHz)

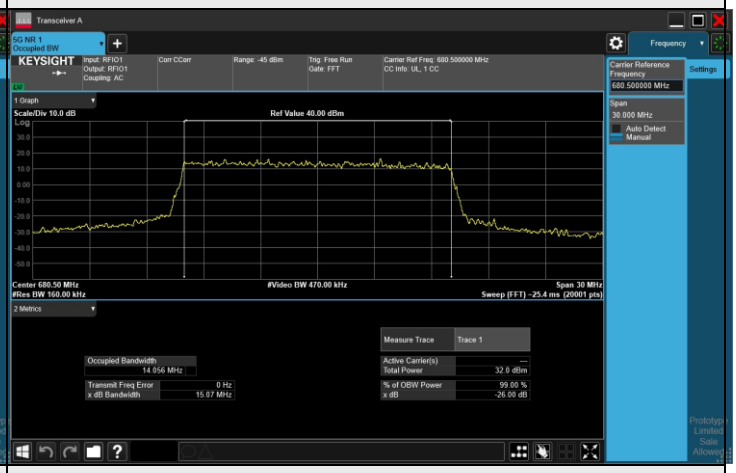
NR n71 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	133600	668	9.0910	9.526
BPSK	136100	680.5	9.1883	9.542
BPSK	138600	693	9.2222	9.549
QPSK	133600	668	9.2526	9.878
QPSK	136100	680.5	9.2705	10.04
QPSK	138600	693	9.2884	9.983
16 QAM	133600	668	9.2548	9.826
16 QAM	136100	680.5	9.2708	9.875
16 QAM	138600	693	9.2867	9.887
64 QAM	133600	668	9.2484	10.01
64 QAM	136100	680.5	9.2566	10.01
64 QAM	138600	693	9.2650	9.923
256 QAM	133600	668	9.2709	9.911
256 QAM	136100	680.5	9.2746	10.07
256 QAM	138600	693	9.2823	9.958

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
QPSK CH 138600 (693 MHz)	256 QAM CH 136100 (680.5 MHz)

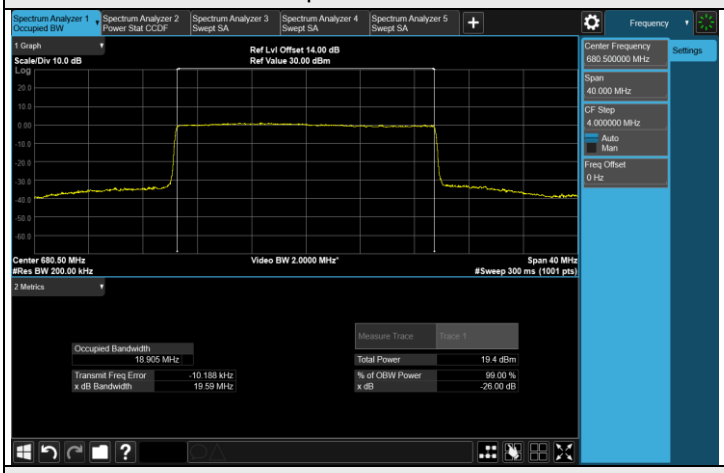
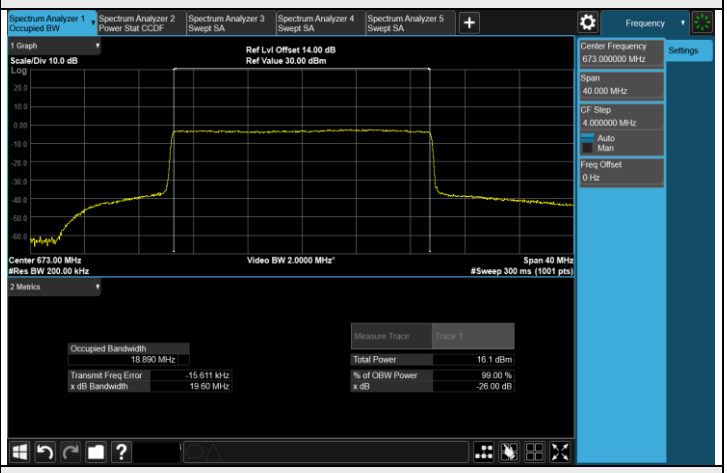
NR n71 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	134100	670.5	13.806	14.28
BPSK	136100	680.5	14.038	14.20
BPSK	138100	690.5	14.106	14.26
QPSK	134100	670.5	14.014	14.83
QPSK	136100	680.5	14.056	15.07
QPSK	138100	690.5	14.082	14.91
16 QAM	134100	670.5	14.035	14.91
16 QAM	136100	680.5	14.050	14.83
16 QAM	138100	690.5	14.074	14.79
64 QAM	134100	670.5	14.010	14.90
64 QAM	136100	680.5	14.005	14.65
64 QAM	138100	690.5	14.047	14.83
256 QAM	134100	670.5	14.020	14.80
256 QAM	136100	680.5	14.032	14.99
256 QAM	138100	690.5	14.065	14.78

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
BPSK CH 138100 (690.5 MHz)	QPSK CH 136100 (680.5 MHz)

NR n71 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	134600	673	17.852	18.52
BPSK	136100	680.5	17.862	18.54
BPSK	137600	688	17.843	18.54
QPSK	134600	673	18.892	19.59
QPSK	136100	680.5	18.892	19.58
QPSK	137600	688	18.861	19.59
16 QAM	134600	673	18.901	19.59
16 QAM	136100	680.5	18.905	19.59
16 QAM	137600	688	18.869	19.57
64 QAM	134600	673	18.897	19.58
64 QAM	136100	680.5	18.892	19.58
64 QAM	137600	688	18.860	19.57
256 QAM	134600	673	18.890	19.60
256 QAM	136100	680.5	18.888	19.57
256 QAM	137600	688	18.860	19.59

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
16QAM CH 136100 (680.5 MHz)	256 QAM CH 134600 (673 MHz)