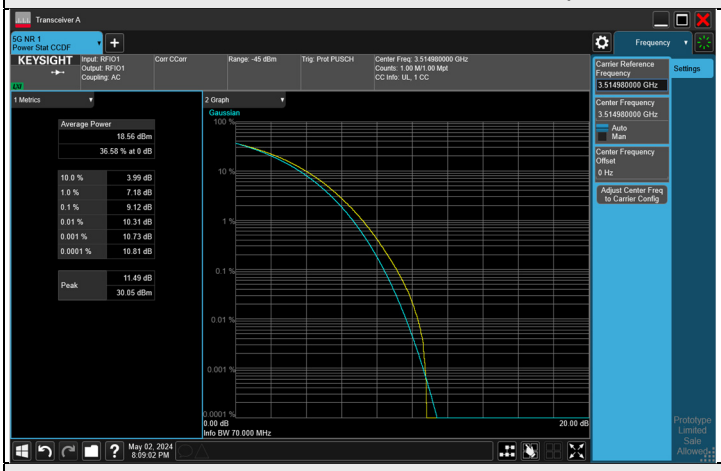
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 1, Channel Bandwidth: 70 MHz

NR n77 SCS 30 kHz (3450-3550 MHz) 70M					
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
QPSK	1	188	6.43	6.58	6.57
	1	0	6.39	6.09	7.28
	189	0	6.75	6.76	7.37
16QAM	1	188	6.88	6.32	6.65
	1	0	6.73	6.48	6.25
	189	0	7.14	6.79	7.07
64QAM	1	188	6.61	6.70	6.78
	1	0	6.66	7.45	6.54
	189	0	7.47	7.20	7.51
256QAM	1	188	7.49	7.48	7.50
	1	0	7.18	7.35	7.12
	189	0	8.82	8.53	9.12

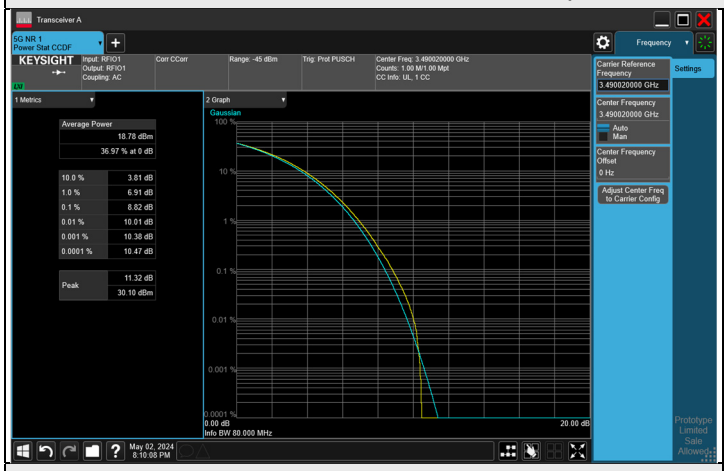
Spectrum Plot of Worst Value



256QAM CH 634332 (3514.98 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 1, Channel Bandwidth: 80 MHz

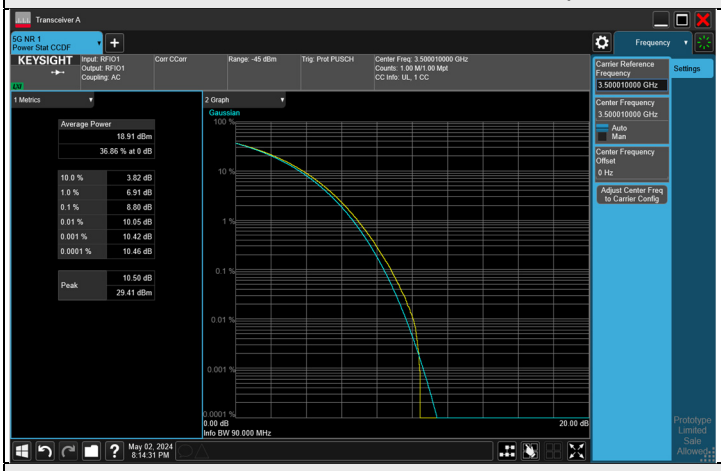
NR n77 SCS 30 kHz (3450-3550 MHz) 80M					
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 632668	CH 633334	CH 634000
			3490.02 MHz	3500.01 MHz	3510 MHz
QPSK	1	216	6.25	6.52	6.32
	1	0	6.40	6.68	6.36
	217	0	7.12	7.10	7.12
16QAM	1	216	6.48	6.21	6.84
	1	0	6.36	6.97	6.46
	217	0	7.08	7.09	6.85
64QAM	1	216	7.34	6.83	7.16
	1	0	6.61	6.67	6.63
	217	0	7.24	7.52	7.79
256QAM	1	216	7.24	7.72	7.40
	1	0	7.51	7.23	7.06
	217	0	8.82	8.57	8.76

Spectrum Plot of Worst Value	
	
256QAM CH 632668 (3490.02 MHz)	

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 1, Channel Bandwidth: 90 MHz

NR n77 SCS 30 kHz (3450-3550 MHz) 90M					
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 633000	CH 633334	CH 633666
			3495 MHz	3500.01 MHz	3504.99 MHz
QPSK	1	244	6.51	6.51	6.48
	1	0	6.37	6.35	6.33
	245	0	6.77	7.16	7.42
16QAM	1	244	6.58	6.36	6.51
	1	0	6.47	6.56	6.28
	245	0	6.81	6.81	6.79
64QAM	1	244	6.76	6.67	6.66
	1	0	6.97	6.60	7.04
	245	0	7.57	7.54	7.24
256QAM	1	244	7.23	7.62	6.87
	1	0	7.02	7.17	7.24
	245	0	8.76	8.80	8.48

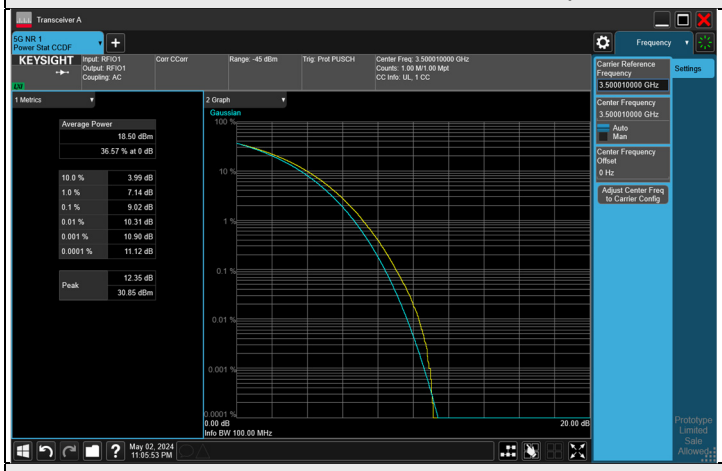
Spectrum Plot of Worst Value



256QAM CH 633334 (3500.01 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 1, Channel Bandwidth: 100 MHz

NR n77 SCS 30 kHz (3450-3550 MHz) 100M			
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)
			CH 633334
			3500.01 MHz
QPSK	1	272	6.46
	1	0	6.60
	273	0	7.23
16QAM	1	272	6.71
	1	0	7.14
	273	0	7.26
64QAM	1	272	7.50
	1	0	7.04
	273	0	7.70
256QAM	1	272	7.42
	1	0	7.20
	273	0	9.02

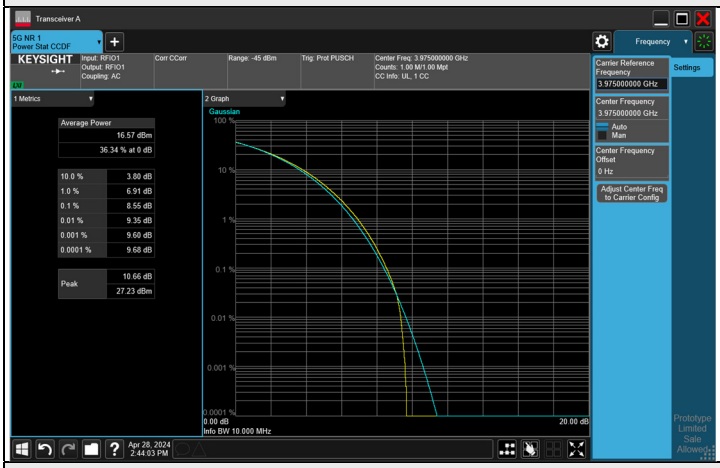
Spectrum Plot of Worst Value	
	
256QAM CH 633334 (3500.01 MHz)	

7.3.9 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) – MIMO (Chain 0)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 0, 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
QPSK	1	23	6.76	6.53	6.82
	1	0	6.88	6.66	6.86
	24	0	6.82	6.79	6.66
16QAM	1	23	6.96	6.48	6.91
	1	0	6.78	6.32	6.61
	24	0	6.90	6.77	6.79
64QAM	1	23	7.41	7.11	7.28
	1	0	7.76	7.11	7.15
	24	0	7.21	7.18	7.12
256QAM	1	23	8.17	8.06	8.29
	1	0	8.25	7.73	8.31
	24	0	8.43	8.21	8.55

Spectrum Plot of Worst Value

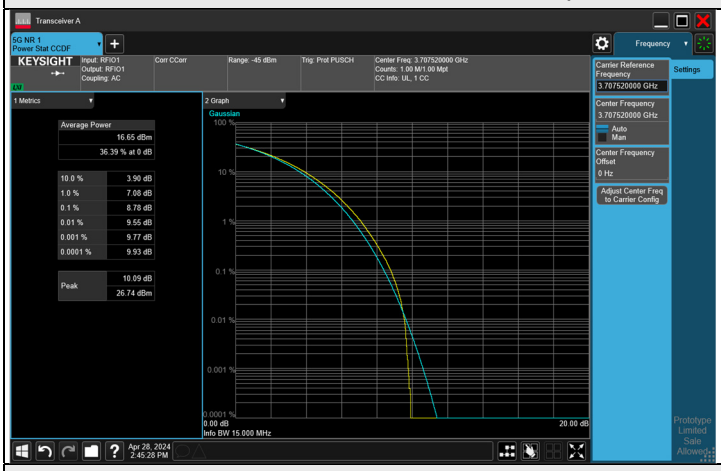


256QAM CH 665000 (3975 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 0, 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
QPSK	1	37	6.73	6.59	6.67
	1	0	6.95	6.57	6.73
	38	0	6.67	6.69	6.84
16QAM	1	37	6.94	6.71	6.80
	1	0	6.99	6.46	6.59
	38	0	6.87	6.67	6.72
64QAM	1	37	7.37	6.93	7.16
	1	0	7.46	6.96	7.28
	38	0	7.20	7.44	7.36
256QAM	1	37	8.07	8.01	8.06
	1	0	8.41	7.88	8.28
	38	0	8.78	8.45	8.41

Spectrum Plot of Worst Value

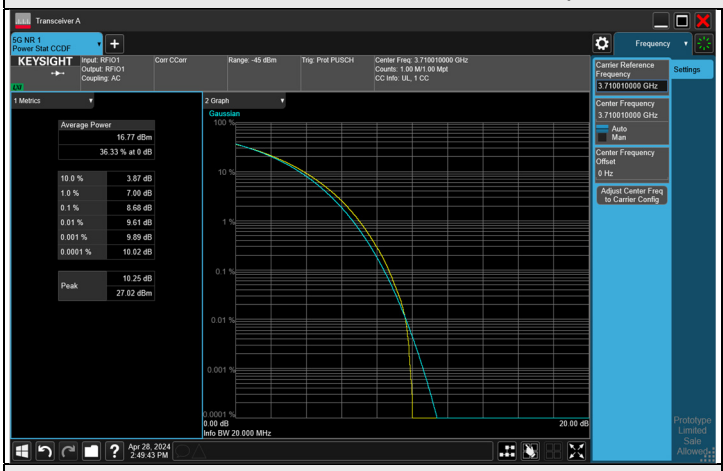


256QAM CH 647168 (3707.52 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 0, 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
QPSK	1	50	7.23	6.76	6.67
	1	0	7.13	6.50	6.76
	51	0	6.84	6.71	6.78
16QAM	1	50	6.76	6.48	6.55
	1	0	6.75	6.42	6.59
	51	0	6.53	6.74	6.77
64QAM	1	50	7.41	7.09	7.20
	1	0	7.35	7.03	7.17
	51	0	7.32	7.32	7.21
256QAM	1	50	8.26	7.96	8.17
	1	0	8.19	7.83	8.38
	51	0	8.68	8.59	8.55

Spectrum Plot of Worst Value

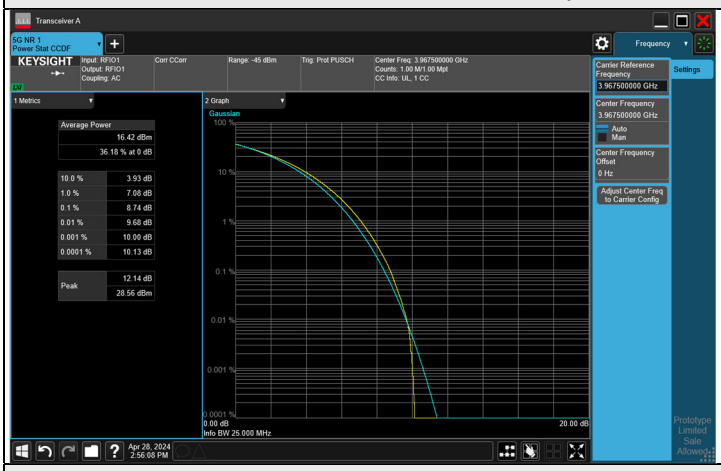


256QAM CH 647334 (3710.01 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 0, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647500	CH 656000	CH 664500
			3712.5 MHz	3840 MHz	3967.5 MHz
QPSK	1	64	6.64	6.62	6.92
	1	0	7.08	6.71	7.13
	65	0	6.64	6.83	6.96
16QAM	1	64	6.91	6.53	6.81
	1	0	6.75	6.70	6.98
	65	0	6.79	7.13	6.83
64QAM	1	64	7.63	7.23	7.30
	1	0	7.15	6.85	7.26
	65	0	7.32	7.09	7.38
256QAM	1	64	8.00	8.21	8.07
	1	0	8.20	8.13	8.01
	65	0	8.46	8.34	8.74

Spectrum Plot of Worst Value

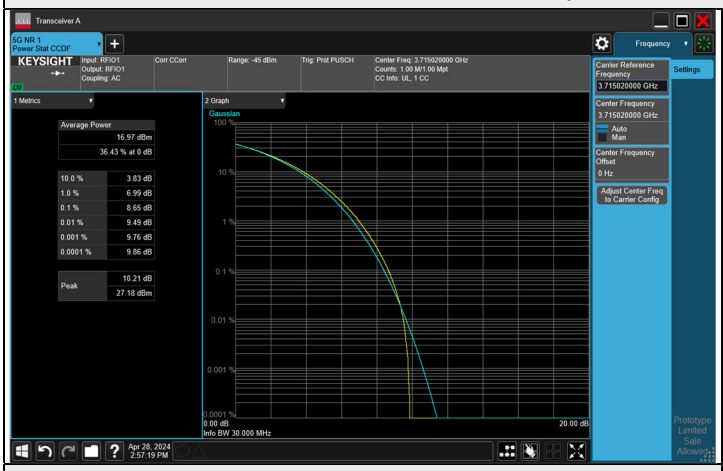


256QAM CH 664500 (3967.5 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 0, 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
QPSK	1	77	6.88	6.45	6.61
	1	0	6.60	6.24	6.82
	78	0	6.79	6.82	6.71
16QAM	1	77	6.87	7.06	7.03
	1	0	6.68	6.83	6.95
	78	0	6.76	6.87	6.99
64QAM	1	77	7.66	6.91	7.14
	1	0	7.25	7.32	7.61
	78	0	7.24	7.54	7.11
256QAM	1	77	8.18	7.77	8.04
	1	0	8.16	8.25	8.28
	78	0	8.65	8.48	8.33

Spectrum Plot of Worst Value

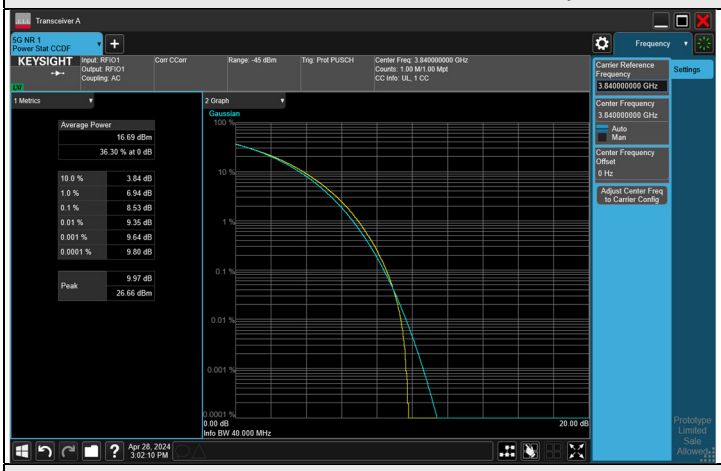


256QAM CH 647668 (3715.02 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 0, 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
QPSK	1	105	6.82	6.50	6.79
	1	0	6.93	6.66	6.69
	106	0	6.51	6.84	6.74
16QAM	1	105	7.23	6.59	6.76
	1	0	6.76	6.58	6.76
	106	0	6.75	7.12	6.84
64QAM	1	105	7.15	7.04	7.48
	1	0	7.38	6.77	7.10
	106	0	7.32	7.31	7.25
256QAM	1	105	8.06	8.02	8.02
	1	0	8.07	7.68	8.09
	106	0	8.41	8.53	8.37

Spectrum Plot of Worst Value

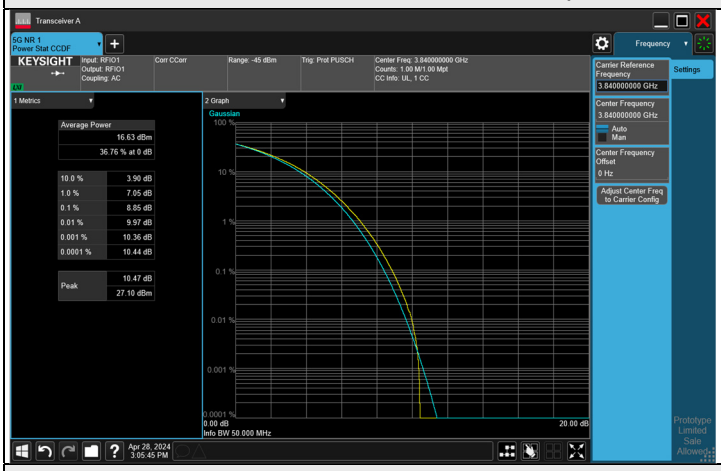


256QAM CH 656000 (3840 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 0, 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
QPSK	1	132	6.75	6.56	6.71
	1	0	6.83	6.36	6.69
	133	0	7.25	6.97	6.72
16QAM	1	132	6.71	6.52	6.56
	1	0	6.88	6.12	6.89
	133	0	7.15	6.69	7.12
64QAM	1	132	7.21	7.07	7.40
	1	0	7.17	7.28	7.25
	133	0	7.38	7.34	7.26
256QAM	1	132	7.91	7.87	8.30
	1	0	8.20	7.92	8.36
	133	0	8.65	8.85	8.67

Spectrum Plot of Worst Value

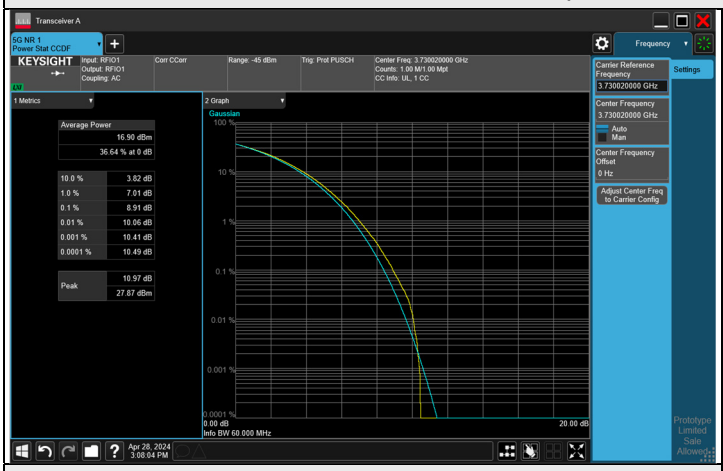


256QAM CH 656000 (3840 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 0, 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
QPSK	1	161	6.91	6.62	6.43
	1	0	6.82	6.45	6.29
	162	0	6.76	6.80	7.36
16QAM	1	161	6.76	6.22	6.25
	1	0	7.07	6.54	6.28
	162	0	6.75	7.06	7.07
64QAM	1	161	7.68	6.79	7.24
	1	0	7.40	6.67	7.36
	162	0	7.28	7.29	7.57
256QAM	1	161	8.31	8.17	7.66
	1	0	8.07	7.89	7.58
	162	0	8.91	8.62	8.53

Spectrum Plot of Worst Value

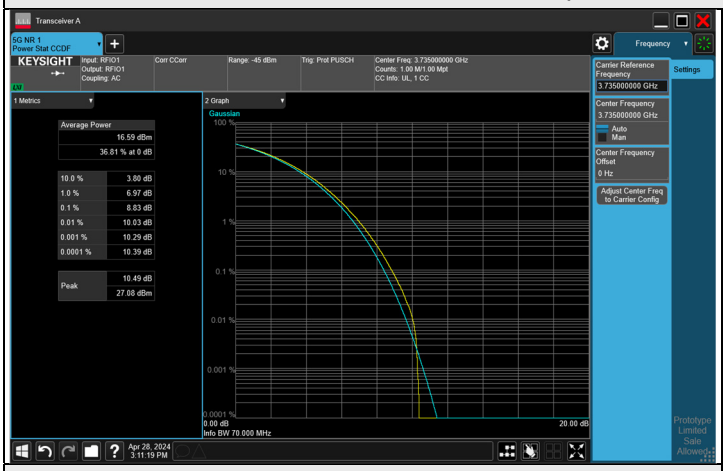


256QAM CH 648668 (3730.02 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 0, 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
QPSK	1	188	6.69	6.41	6.55
	1	0	6.76	6.25	6.68
	189	0	6.78	6.78	7.09
16QAM	1	188	6.93	7.06	6.31
	1	0	6.97	6.56	6.49
	189	0	6.81	6.78	6.83
64QAM	1	188	7.17	7.21	7.06
	1	0	7.50	6.82	7.19
	189	0	7.57	7.23	7.83
256QAM	1	188	8.11	7.79	7.62
	1	0	8.13	7.61	8.49
	189	0	8.83	8.79	8.49

Spectrum Plot of Worst Value

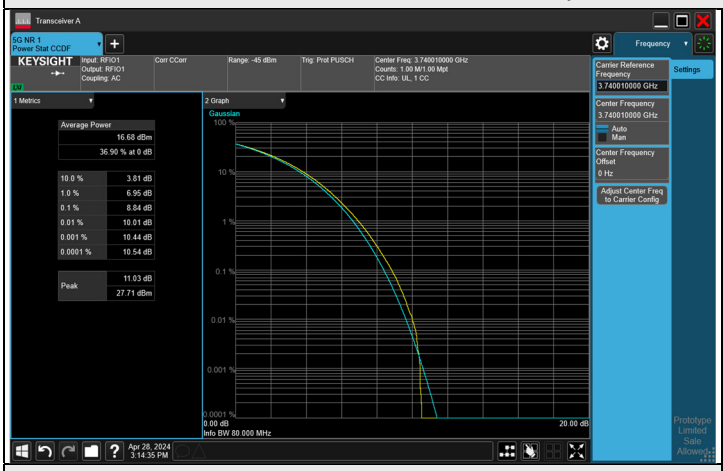


256QAM CH 649000 (3735 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 0, 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
QPSK	1	216	6.91	7.03	6.24
	1	0	7.00	6.36	6.62
	217	0	7.71	6.85	6.87
16QAM	1	216	6.97	6.33	6.66
	1	0	6.95	6.53	6.70
	217	0	7.19	6.85	7.79
64QAM	1	216	7.53	6.94	7.08
	1	0	7.23	6.90	6.93
	217	0	7.27	7.27	7.30
256QAM	1	216	8.20	7.80	7.54
	1	0	8.43	7.34	7.89
	217	0	8.84	8.62	8.73

Spectrum Plot of Worst Value

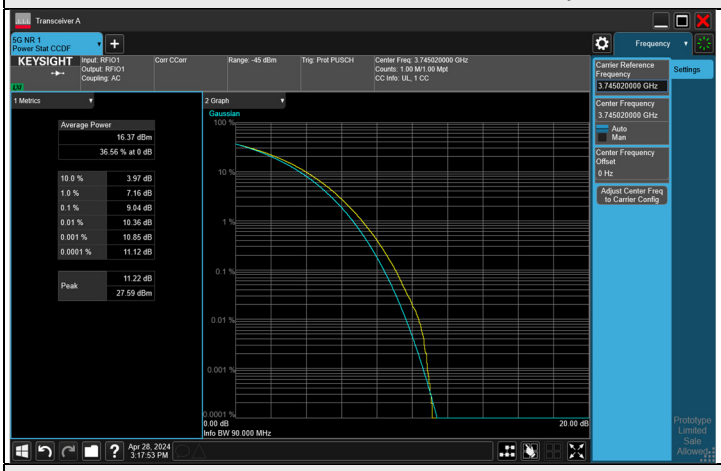


256QAM CH 649334 (3740.01 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 0, 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
QPSK	1	244	6.63	6.33	6.47
	1	0	6.68	6.26	7.27
	245	0	6.79	6.82	7.72
16QAM	1	244	6.60	6.85	6.55
	1	0	6.70	6.29	6.36
	245	0	7.38	7.07	7.13
64QAM	1	244	7.41	7.40	6.69
	1	0	7.38	6.86	6.87
	245	0	7.37	7.56	7.34
256QAM	1	244	7.85	7.78	7.35
	1	0	7.87	7.60	7.51
	245	0	9.04	8.52	8.74

Spectrum Plot of Worst Value

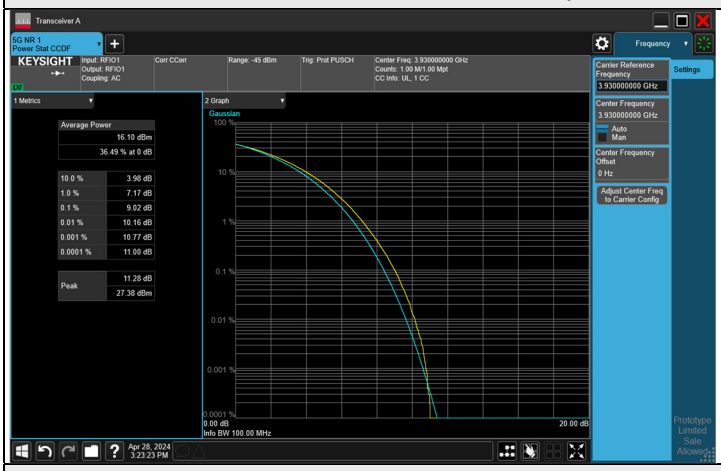


256QAM CH 649668 (3745.02 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 0, 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
QPSK	1	272	6.96	6.28	6.48
	1	0	6.93	6.21	6.33
	273	0	7.56	6.96	7.31
16QAM	1	272	7.24	6.68	6.30
	1	0	7.04	6.58	7.22
	273	0	7.26	6.96	7.30
64QAM	1	272	7.28	6.84	6.99
	1	0	7.43	7.31	6.78
	273	0	7.75	7.97	8.09
256QAM	1	272	8.34	7.46	7.78
	1	0	8.11	7.95	8.19
	273	0	8.80	8.56	9.02

Spectrum Plot of Worst Value



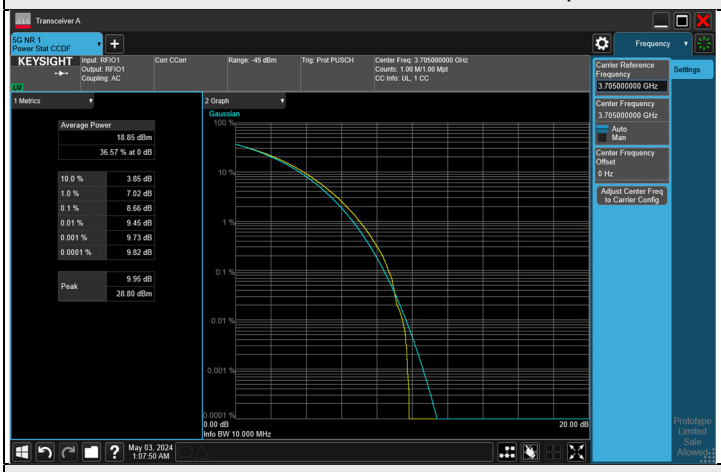
256QAM CH 662000 (3930 MHz)

7.3.10 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) – MIMO (Chain 1)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 10 MHz

NR n77 SCS 30 kHz (3700-3980 MHz) 10M					
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647000	CH 656000	CH 665000
			3705 MHz	3840 MHz	3975 MHz
QPSK	1	23	6.60	6.61	6.43
	1	0	7.00	6.59	6.71
	24	0	6.73	6.79	6.88
16QAM	1	23	6.83	6.62	6.59
	1	0	6.85	6.64	6.93
	24	0	6.83	6.77	6.79
64QAM	1	23	7.46	7.13	7.36
	1	0	7.26	7.10	7.36
	24	0	7.02	7.18	7.64
256QAM	1	23	8.17	8.09	8.28
	1	0	8.46	7.88	8.16
	24	0	8.66	8.26	8.55

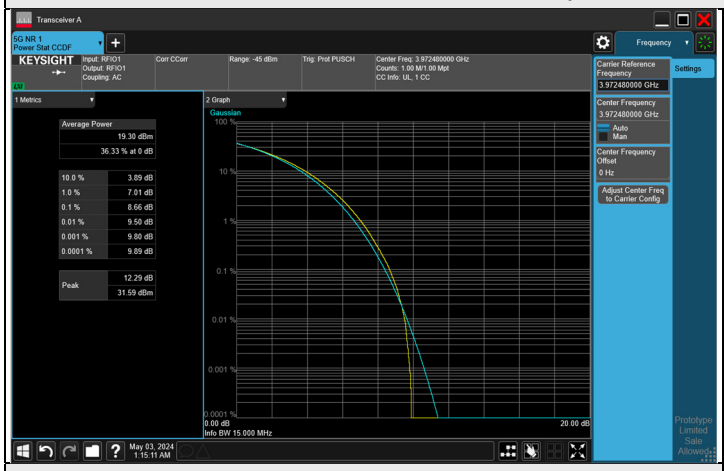
Spectrum Plot of Worst Value



256QAM CH 647000 (3705 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 15 MHz

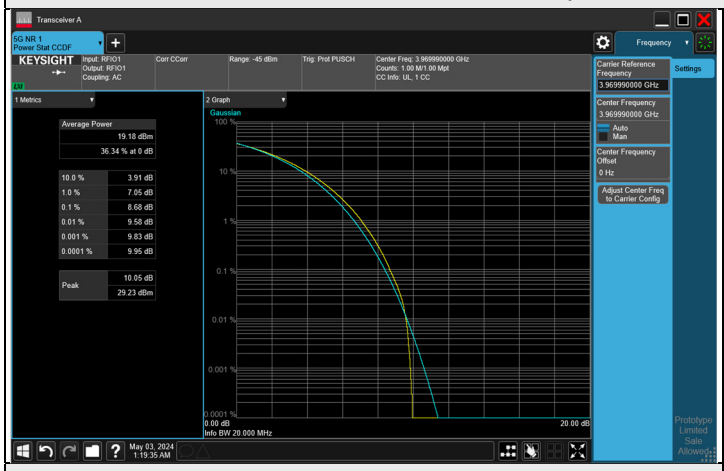
NR n77 SCS 30 kHz (3700-3980 MHz) 15M					
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647168	CH 656000	CH 664832
			3707.52 MHz	3840 MHz	3972.48 MHz
QPSK	1	37	6.75	6.60	6.70
	1	0	6.88	6.66	6.73
	38	0	6.82	6.76	6.81
16QAM	1	37	6.76	6.54	6.74
	1	0	6.73	6.67	6.94
	38	0	6.66	6.75	6.64
64QAM	1	37	7.18	7.11	7.21
	1	0	7.32	7.13	7.12
	38	0	7.40	7.52	7.44
256QAM	1	37	7.99	7.96	8.30
	1	0	8.23	7.74	8.21
	38	0	8.54	8.36	8.66

Spectrum Plot of Worst Value	
	
256QAM CH 664832 (3972.48 MHz)	

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 20 MHz

NR n77 SCS 30 kHz (3700-3980 MHz) 20M					
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647334	CH 656000	CH 664666
			3710.01 MHz	3840 MHz	3969.99 MHz
QPSK	1	50	6.69	6.51	6.60
	1	0	6.77	6.49	6.85
	51	0	6.71	6.66	6.87
16QAM	1	50	6.81	6.70	6.86
	1	0	6.79	6.58	6.67
	51	0	6.71	6.79	6.66
64QAM	1	50	7.20	7.11	7.16
	1	0	7.22	6.89	7.37
	51	0	7.20	7.27	7.19
256QAM	1	50	8.19	7.66	8.52
	1	0	8.05	7.97	8.39
	51	0	8.58	8.46	8.68

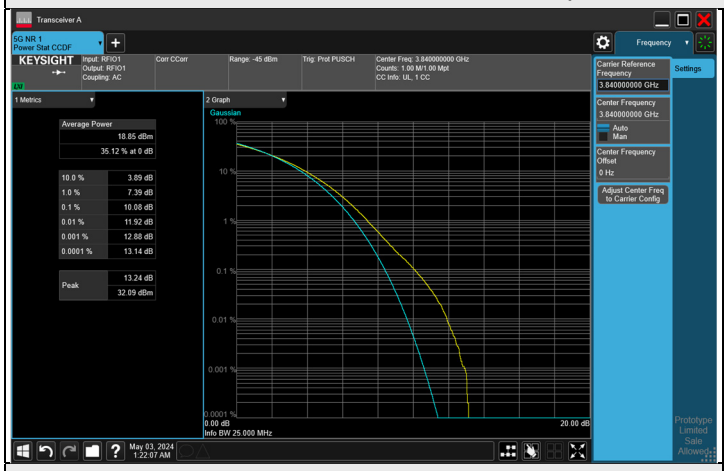
Spectrum Plot of Worst Value



256QAM CH 664666 (3969.99 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 25 MHz

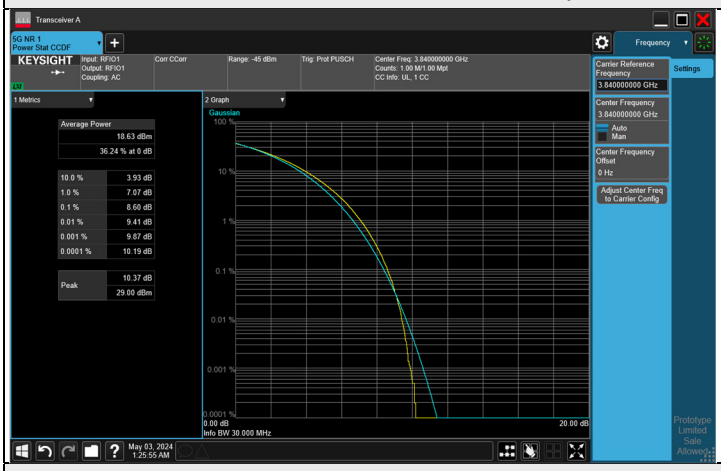
NR n77 SCS 30 kHz (3700-3980 MHz) 25M					
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647500	CH 656000	CH 664500
			3712.5 MHz	3840 MHz	3967.5 MHz
QPSK	1	64	6.78	6.66	6.62
	1	0	6.68	6.74	6.95
	65	0	6.76	6.94	6.80
16QAM	1	64	6.64	6.52	6.93
	1	0	6.82	6.80	6.95
	65	0	6.82	6.71	7.11
64QAM	1	64	7.24	7.32	7.28
	1	0	7.08	6.81	7.19
	65	0	7.00	7.37	7.63
256QAM	1	64	8.09	7.90	8.09
	1	0	8.18	7.85	8.55
	65	0	8.39	10.08	8.46

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

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 30 MHz

NR n77 SCS 30 kHz (3700-3980 MHz) 30M					
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647668	CH 656000	CH 664332
			3715.02 MHz	3840 MHz	3964.98 MHz
QPSK	1	77	6.46	6.81	6.77
	1	0	6.63	6.50	6.78
	78	0	6.99	6.84	7.01
16QAM	1	77	6.55	6.74	7.05
	1	0	6.82	6.41	6.60
	78	0	6.96	6.90	6.76
64QAM	1	77	7.29	7.06	7.00
	1	0	7.17	6.74	7.03
	78	0	7.67	7.41	7.42
256QAM	1	77	8.07	7.86	8.44
	1	0	7.96	8.08	8.45
	78	0	8.31	8.60	8.30

Spectrum Plot of Worst Value

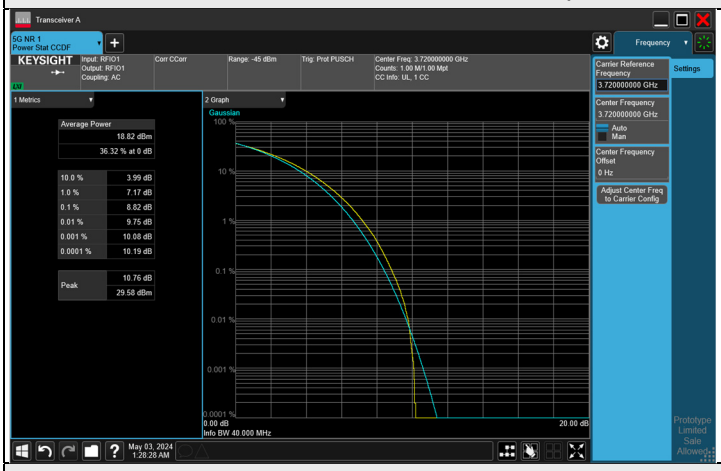


256QAM CH 656000 (3840 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 40 MHz

NR n77 SCS 30 kHz (3700-3980 MHz) 40M					
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 648000	CH 656000	CH 664000
			3720 MHz	3840 MHz	3960 MHz
QPSK	1	105	6.49	6.59	6.93
	1	0	6.94	6.40	7.11
	106	0	6.95	6.55	6.69
16QAM	1	105	7.04	6.64	6.73
	1	0	6.60	6.50	6.91
	106	0	7.22	6.72	7.12
64QAM	1	105	7.04	7.15	7.32
	1	0	7.40	6.95	7.21
	106	0	7.35	7.63	7.38
256QAM	1	105	8.04	7.91	8.39
	1	0	8.39	8.24	8.59
	106	0	8.82	8.78	8.59

Spectrum Plot of Worst Value

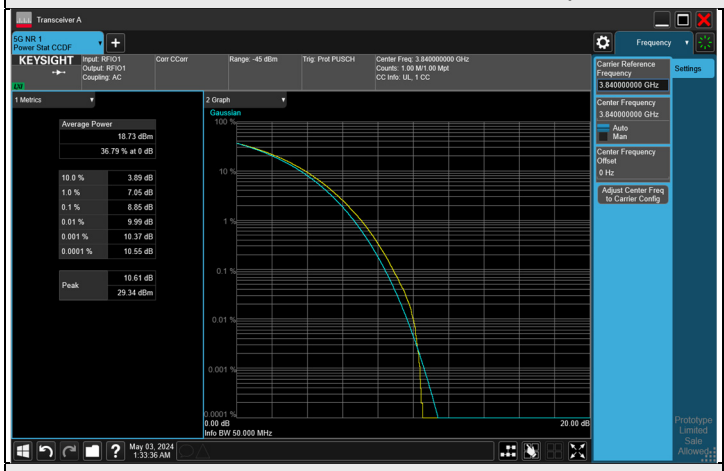


256QAM CH 648000 (3720 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 50 MHz

NR n77 SCS 30 kHz (3700-3980 MHz) 50M					
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 648334	CH 656000	CH 663666
			3725.01 MHz	3840 MHz	3954.99 MHz
QPSK	1	132	7.06	6.56	6.97
	1	0	6.90	6.54	6.65
	133	0	6.83	7.11	6.81
16QAM	1	132	7.00	6.53	6.81
	1	0	7.01	6.26	7.02
	133	0	7.11	7.09	6.68
64QAM	1	132	7.29	7.27	7.25
	1	0	7.20	6.86	7.48
	133	0	7.41	7.22	7.65
256QAM	1	132	8.31	7.79	8.47
	1	0	8.01	7.60	8.09
	133	0	8.77	8.85	8.44

Spectrum Plot of Worst Value

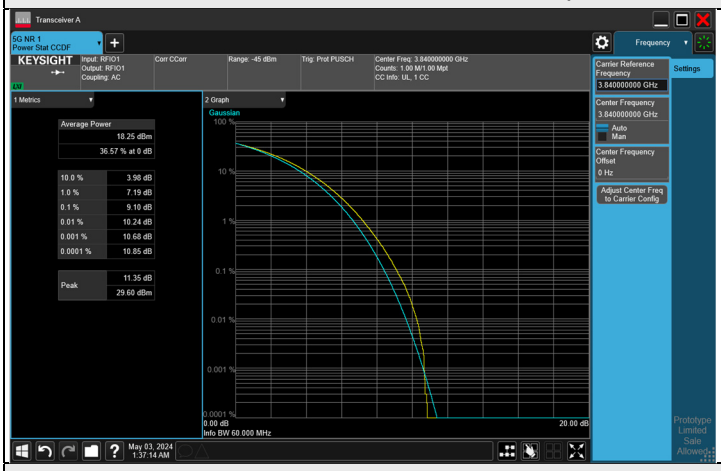


256QAM CH 656000 (3840 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 60 MHz

NR n77 SCS 30 kHz (3700-3980 MHz) 60M					
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 648668	CH 656000	CH 663332
			3730.02 MHz	3840 MHz	3949.98 MHz
QPSK	1	161	7.07	6.34	6.08
	1	0	6.72	6.29	7.06
	162	0	7.04	6.78	6.76
16QAM	1	161	6.54	6.39	6.43
	1	0	6.88	6.67	6.26
	162	0	7.05	7.36	6.76
64QAM	1	161	7.27	6.98	6.59
	1	0	7.01	6.97	7.05
	162	0	7.55	7.88	7.53
256QAM	1	161	8.21	8.02	7.00
	1	0	7.99	8.04	7.05
	162	0	8.82	9.10	8.74

Spectrum Plot of Worst Value

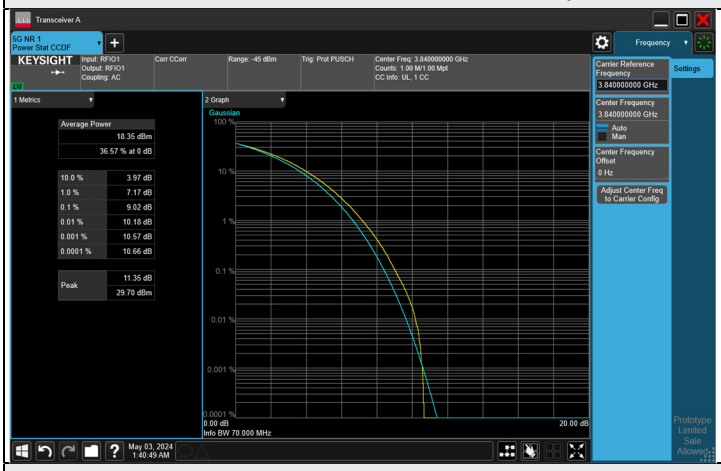


256QAM CH 656000 (3840 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 70 MHz

NR n77 SCS 30 kHz (3700-3980 MHz) 70M					
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 649000	CH 656000	CH 663000
			3735 MHz	3840 MHz	3945 MHz
QPSK	1	188	6.88	6.44	6.41
	1	0	6.60	6.54	6.44
	189	0	7.07	7.36	7.37
16QAM	1	188	7.33	6.43	7.22
	1	0	6.68	6.62	6.88
	189	0	7.11	6.85	6.83
64QAM	1	188	7.09	7.50	6.74
	1	0	7.61	6.84	6.83
	189	0	7.32	7.32	7.57
256QAM	1	188	7.91	8.04	7.45
	1	0	7.77	8.09	8.23
	189	0	8.81	9.02	8.77

Spectrum Plot of Worst Value

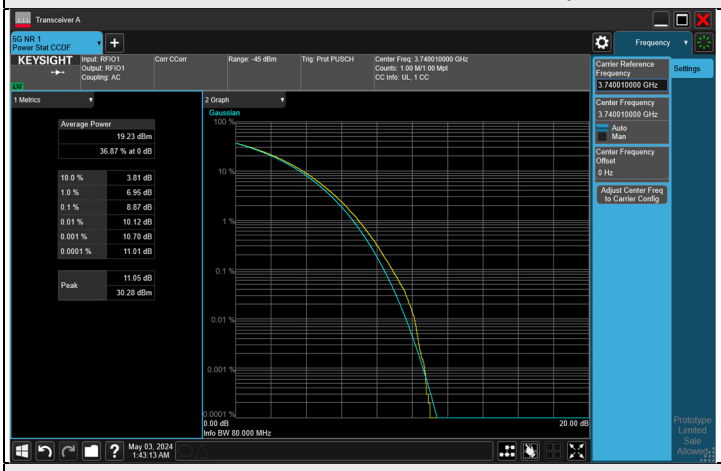


256QAM CH 656000 (3840 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 80 MHz

NR n77 SCS 30 kHz (3700-3980 MHz) 80M					
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 649334	CH 656000	CH 662666
			3740.01 MHz	3840 MHz	3939.99 MHz
QPSK	1	216	6.62	6.43	6.19
	1	0	6.93	6.58	6.43
	217	0	7.14	7.18	7.15
16QAM	1	216	6.60	6.50	6.56
	1	0	6.62	6.48	6.72
	217	0	7.76	6.91	6.87
64QAM	1	216	7.18	7.26	6.67
	1	0	7.42	6.84	6.93
	217	0	7.56	7.28	7.54
256QAM	1	216	8.27	7.31	7.54
	1	0	8.06	7.23	7.52
	217	0	8.87	8.60	8.48

Spectrum Plot of Worst Value

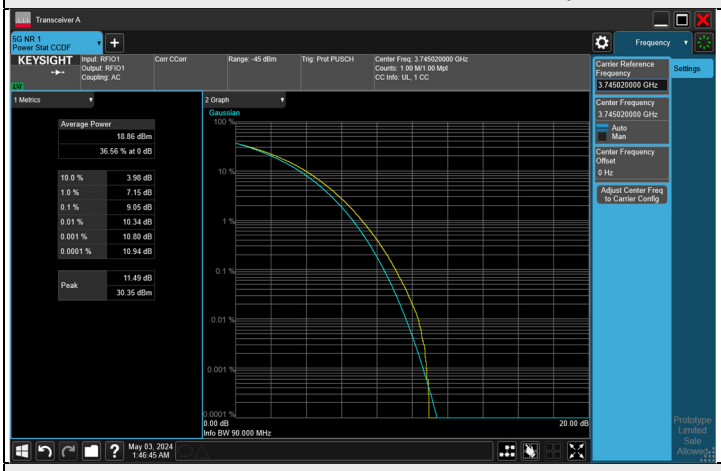


256QAM CH 649334 (3740.01 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 90 MHz

NR n77 SCS 30 kHz (3700-3980 MHz) 90M					
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 649668	CH 656000	CH 662332
			3745.02 MHz	3840 MHz	3934.98 MHz
QPSK	1	244	6.58	6.41	6.15
	1	0	6.59	6.53	6.70
	245	0	7.10	6.82	7.08
16QAM	1	244	6.61	6.74	6.08
	1	0	6.96	6.46	6.63
	245	0	7.40	7.12	7.10
64QAM	1	244	7.10	6.89	6.84
	1	0	6.91	7.01	7.08
	245	0	7.36	7.33	7.33
256QAM	1	244	8.32	7.54	7.06
	1	0	8.36	7.88	8.17
	245	0	9.05	8.83	8.73

Spectrum Plot of Worst Value

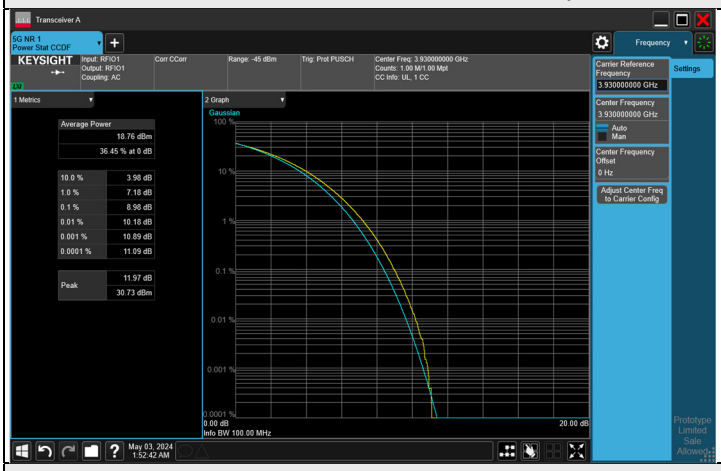


256QAM CH 649668 (3745.02 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 100 MHz

NR n77 SCS 30 kHz (3700-3980 MHz) 100M					
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 650000	CH 656000	CH 662000
			3750 MHz	3840 MHz	3930 MHz
QPSK	1	272	6.54	6.40	6.14
	1	0	6.82	6.23	6.70
	273	0	7.57	7.00	7.28
16QAM	1	272	6.83	6.36	6.50
	1	0	7.06	6.77	7.45
	273	0	7.01	7.02	6.99
64QAM	1	272	7.33	6.82	6.65
	1	0	7.58	6.72	6.88
	273	0	8.07	7.47	7.75
256QAM	1	272	8.23	7.79	7.57
	1	0	7.84	7.59	7.77
	273	0	8.57	8.78	8.98

Spectrum Plot of Worst Value



256QAM CH 662000 (3930 MHz)

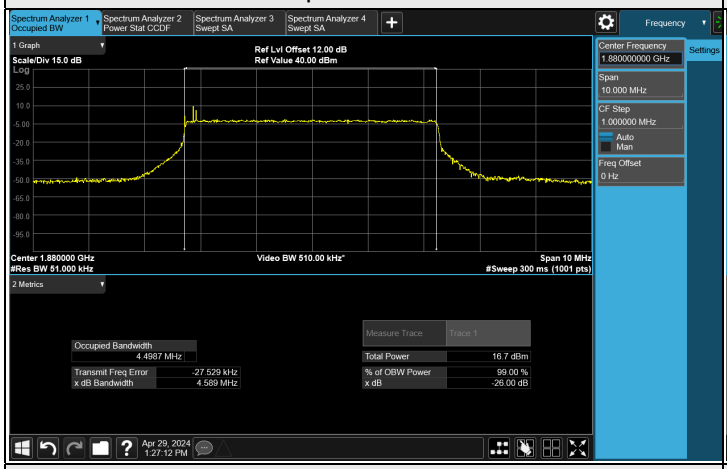
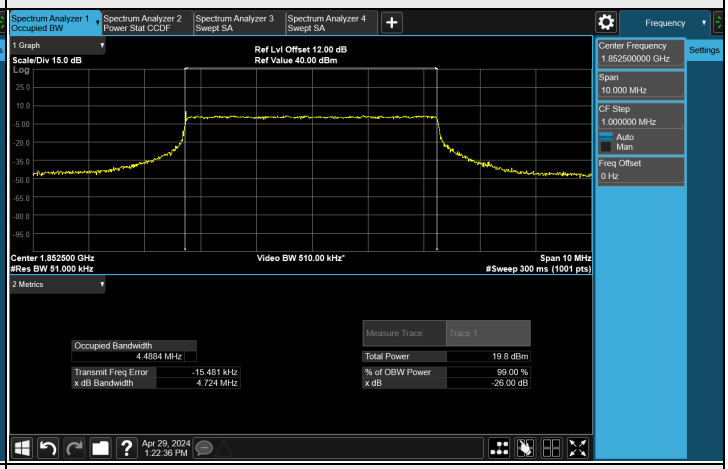
7.4 Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	23°C, 71% RH	Tested By:	James Yang

7.4.1 NR n2 SCS 15 kHz

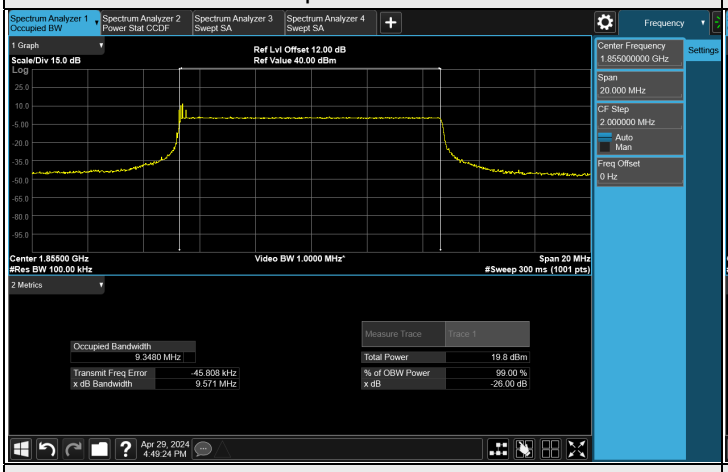
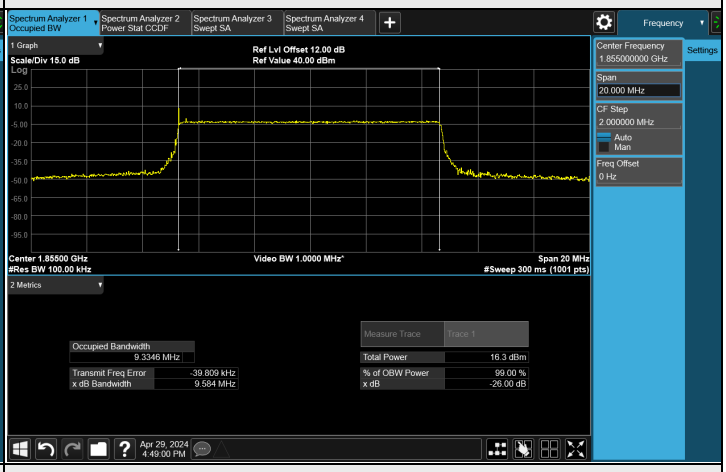
NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	370500	1852.5	4.4867	4.663
BPSK	376000	1880	4.4785	4.648
BPSK	381500	1907.5	4.4716	4.695
QPSK	370500	1852.5	4.4629	4.618
QPSK	376000	1880	4.46	4.613
QPSK	381500	1907.5	4.4704	4.664
16QAM	370500	1852.5	4.4884	4.724
16QAM	376000	1880	4.4642	4.614
16QAM	381500	1907.5	4.4662	4.648
64QAM	370500	1852.5	4.4745	4.606
64QAM	376000	1880	4.4651	4.608
64QAM	381500	1907.5	4.4762	4.665
256QAM	370500	1852.5	4.4652	4.605
256QAM	376000	1880	4.4987	4.589
256QAM	381500	1907.5	4.4695	4.599

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
256QAM CH 376000 (1880 MHz)	16QAM CH 370500 (1852.5 MHz)

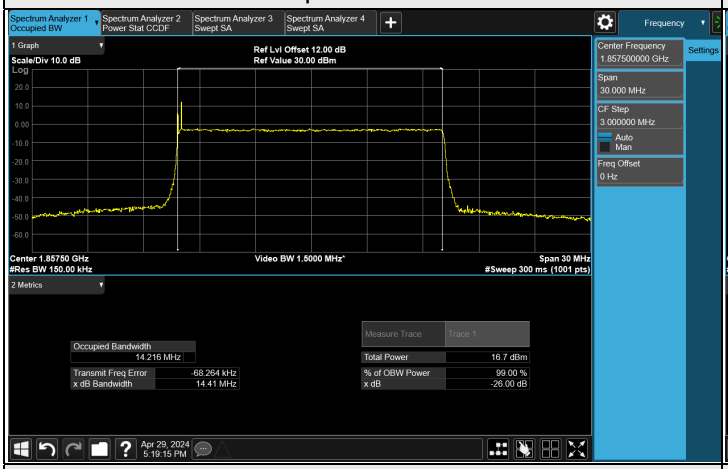
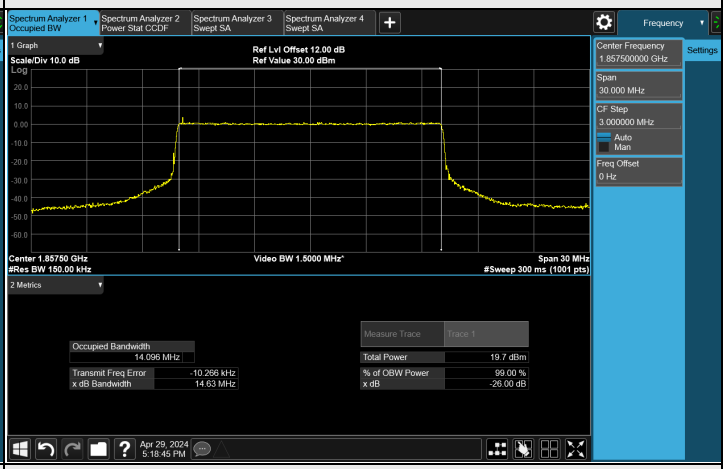
NR n2 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	371000	1855	8.9685	9.196
BPSK	376000	1880	8.9803	9.199
BPSK	381000	1905	8.9208	9.191
QPSK	371000	1855	9.3358	9.568
QPSK	376000	1880	9.3346	9.569
QPSK	381000	1905	9.284	9.535
16QAM	371000	1855	9.2845	9.565
16QAM	376000	1880	9.2592	9.519
16QAM	381000	1905	9.2847	9.528
64QAM	371000	1855	9.348	9.571
64QAM	376000	1880	9.2948	9.528
64QAM	381000	1905	9.337	9.52
256QAM	371000	1855	9.3346	9.584
256QAM	376000	1880	9.2829	9.537
256QAM	381000	1905	9.2767	9.515

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
64QAM CH 371000 (1855 MHz)	256QAM 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	13.466	13.82
BPSK	376000	1880	13.41	13.77
BPSK	380500	1902.5	13.36	13.79
QPSK	371500	1857.5	14.215	14.44
QPSK	376000	1880	14.097	14.46
QPSK	380500	1902.5	14.152	14.45
16QAM	371500	1857.5	14.096	14.63
16QAM	376000	1880	14.159	14.48
16QAM	380500	1902.5	14.19	14.53
64QAM	371500	1857.5	14.193	14.49
64QAM	376000	1880	14.091	14.46
64QAM	380500	1902.5	14.146	14.52
256QAM	371500	1857.5	14.216	14.41
256QAM	376000	1880	14.096	14.56
256QAM	380500	1902.5	14.145	14.45

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
256QAM CH 371500 (1857.5 MHz)	16QAM CH 371500 (1857.5 MHz)