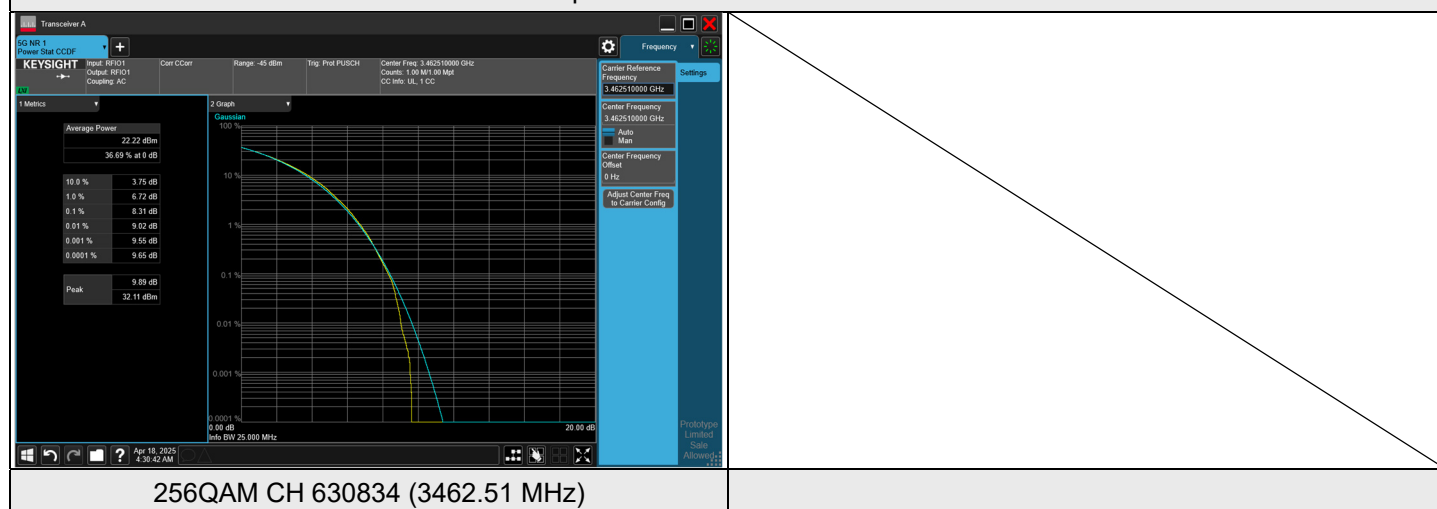


NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 630834	CH 633334	CH 635832
			3462.51 MHz	3500.01 MHz	3537.48 MHz
QPSK	1	64	7.22	7.63	7.27
	1	0	7.25	7.81	7.66
	65	0	7.16	7.25	6.94
16QAM	1	64	7.70	7.71	7.61
	1	0	7.45	7.47	7.89
	65	0	7.29	7.26	7.06
64QAM	1	64	7.64	7.88	8.18
	1	0	8.02	7.63	7.87
	65	0	7.28	7.25	7.40
256QAM	1	64	7.79	7.92	7.81
	1	0	8.00	8.09	8.01
	65	0	8.31	8.30	8.24

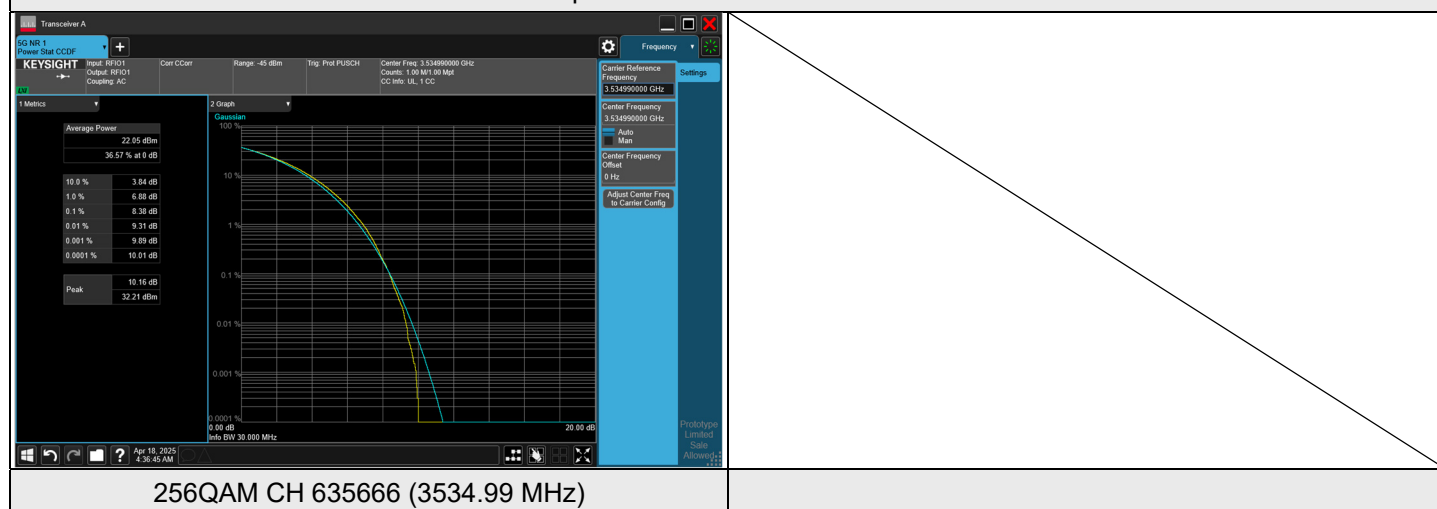
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, 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
QPSK	1	77	7.45	7.58	7.62
	1	0	7.95	7.52	7.48
	78	0	7.23	7.03	7.27
16QAM	1	77	7.63	7.98	7.90
	1	0	7.79	7.86	7.64
	78	0	7.21	7.45	7.30
64QAM	1	77	8.13	8.11	8.07
	1	0	8.12	7.84	8.18
	78	0	7.29	7.50	7.21
256QAM	1	77	8.02	7.90	8.35
	1	0	8.09	8.22	8.05
	78	0	8.19	8.32	8.38

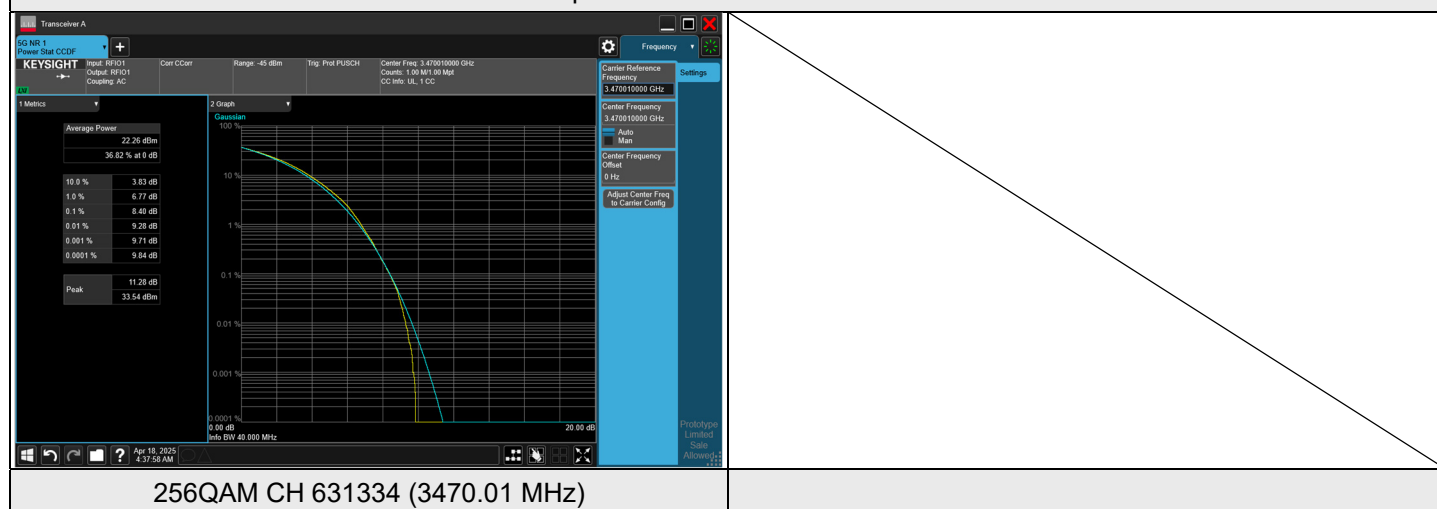
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, 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
QPSK	1	105	7.44	7.58	7.89
	1	0	7.51	7.89	7.77
	106	0	7.25	7.31	7.04
16QAM	1	105	7.69	7.79	7.55
	1	0	7.65	7.54	7.86
	106	0	7.30	7.21	7.44
64QAM	1	105	8.00	8.10	8.14
	1	0	8.37	7.86	7.99
	106	0	7.34	7.48	7.38
256QAM	1	105	7.98	7.82	8.11
	1	0	7.78	7.92	7.75
	106	0	8.40	8.36	8.39

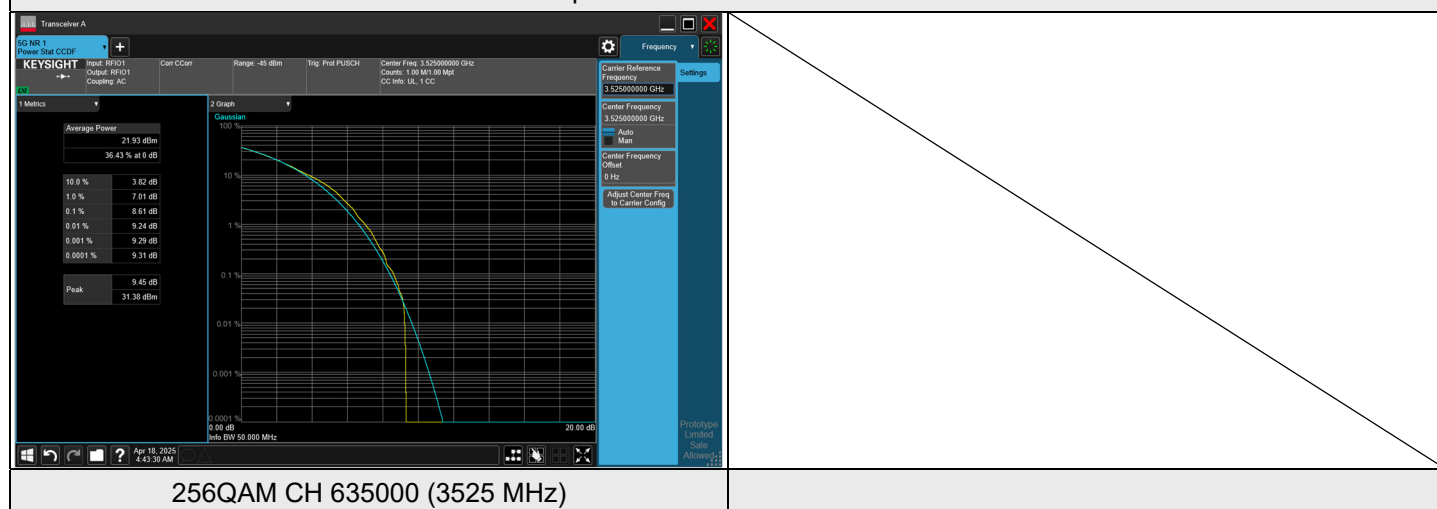
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, 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
QPSK	1	132	7.64	7.81	7.69
	1	0	7.77	7.90	7.81
	133	0	7.62	7.40	7.65
16QAM	1	132	7.80	7.67	7.97
	1	0	7.73	7.58	7.71
	133	0	7.38	7.43	7.28
64QAM	1	132	8.18	7.65	7.88
	1	0	7.92	7.69	7.79
	133	0	7.83	7.80	8.09
256QAM	1	132	8.10	7.96	8.61
	1	0	8.12	7.94	8.01
	133	0	8.29	8.28	8.32

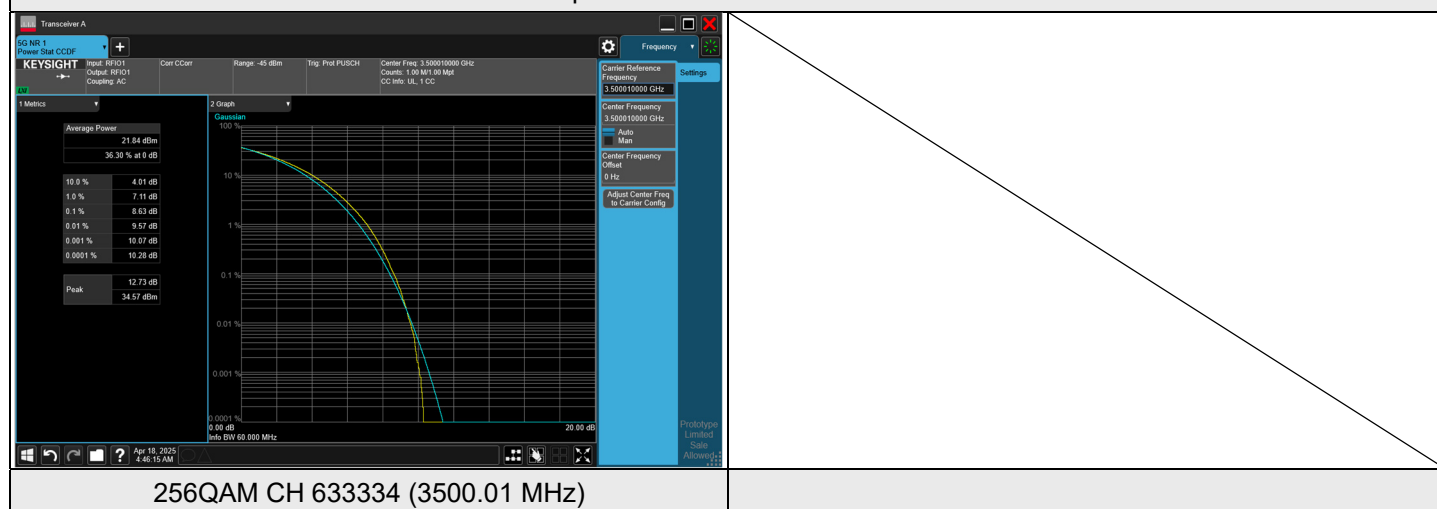
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, 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
QPSK	1	161	7.53	7.90	7.87
	1	0	8.02	8.06	7.52
	162	0	7.04	7.07	7.08
16QAM	1	161	7.71	7.52	7.56
	1	0	7.80	7.75	7.55
	162	0	7.26	7.05	7.04
64QAM	1	161	7.69	8.16	7.96
	1	0	7.62	7.60	7.97
	162	0	7.52	7.52	7.26
256QAM	1	161	8.15	7.96	7.99
	1	0	8.14	8.09	7.86
	162	0	8.12	8.63	8.41

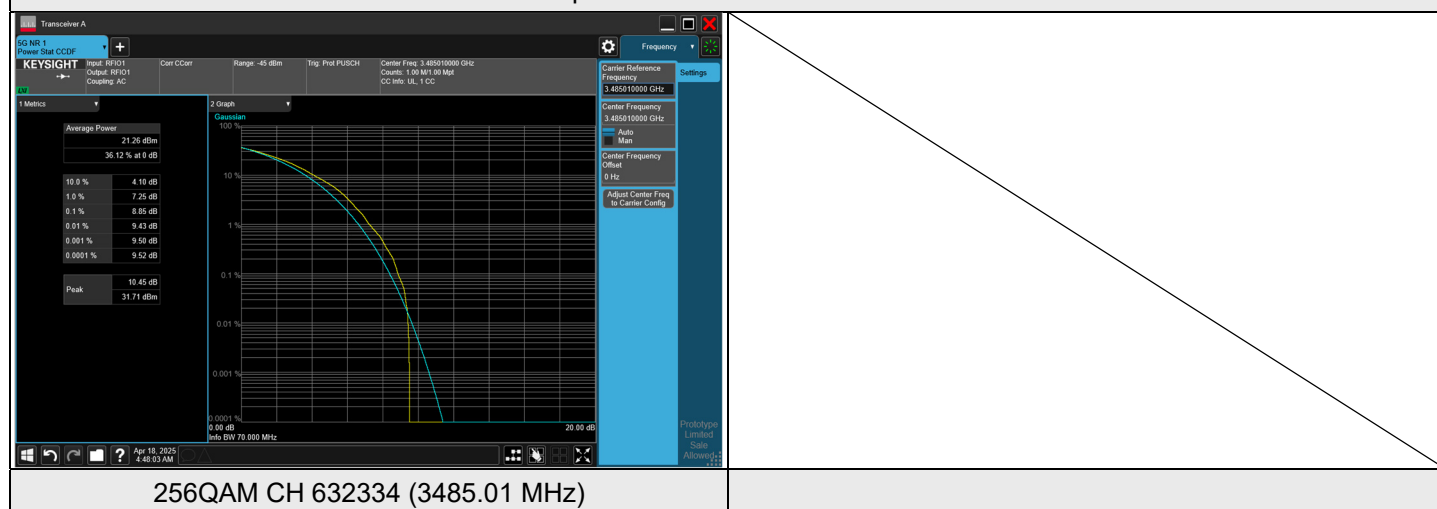
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, 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
QPSK	1	188	7.84	7.34	7.32
	1	0	7.86	7.69	7.66
	189	0	7.66	7.14	7.17
16QAM	1	188	7.52	7.81	7.61
	1	0	8.24	7.50	7.53
	189	0	7.15	7.11	7.16
64QAM	1	188	7.80	7.78	8.22
	1	0	7.92	7.83	7.96
	189	0	7.81	7.57	7.33
256QAM	1	188	8.85	8.00	8.52
	1	0	7.95	7.95	8.18
	189	0	8.14	8.36	8.62

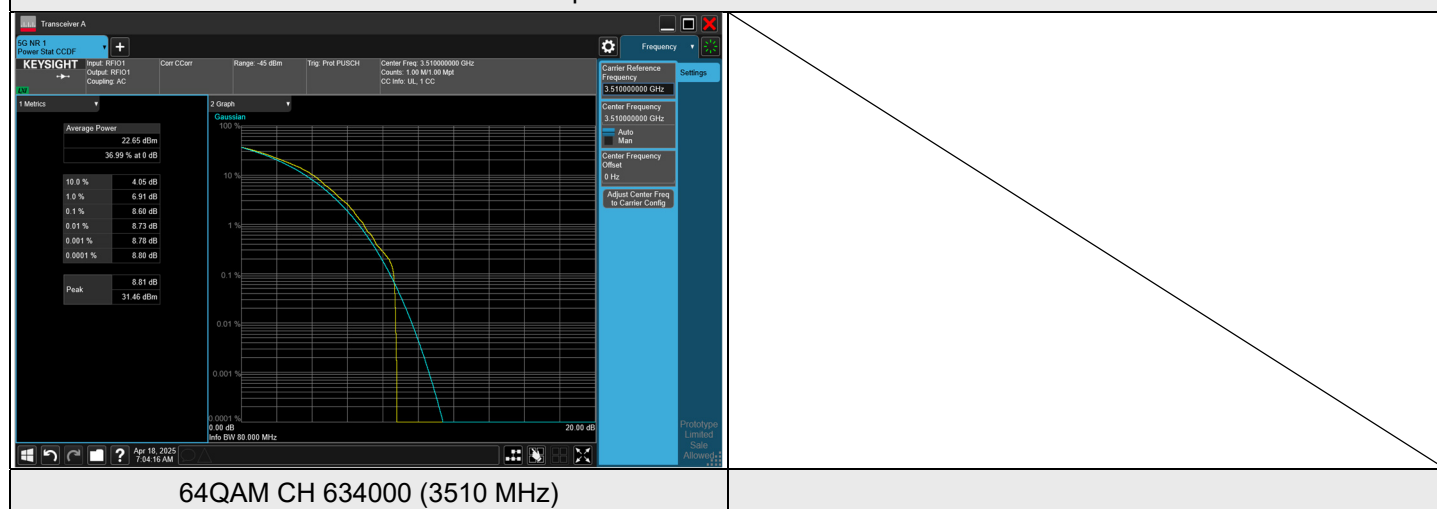
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 1, 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
QPSK	1	216	7.37	7.35	7.35
	1	0	7.31	7.30	7.51
	217	0	7.45	7.22	7.77
16QAM	1	216	8.35	7.55	7.58
	1	0	7.79	8.08	8.00
	217	0	7.25	7.51	7.52
64QAM	1	216	7.67	7.72	8.60
	1	0	7.88	8.20	7.96
	217	0	7.39	7.40	8.25
256QAM	1	216	8.03	8.06	8.10
	1	0	7.88	8.13	7.85
	217	0	8.43	8.20	8.14

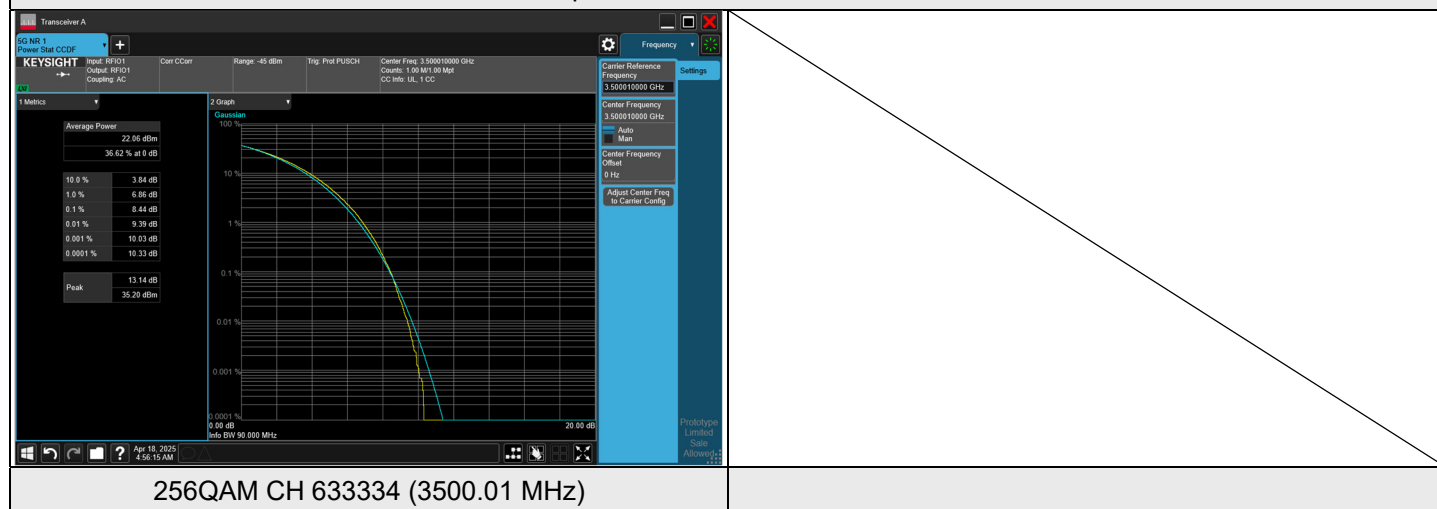
Spectrum Plot of Worst Value



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

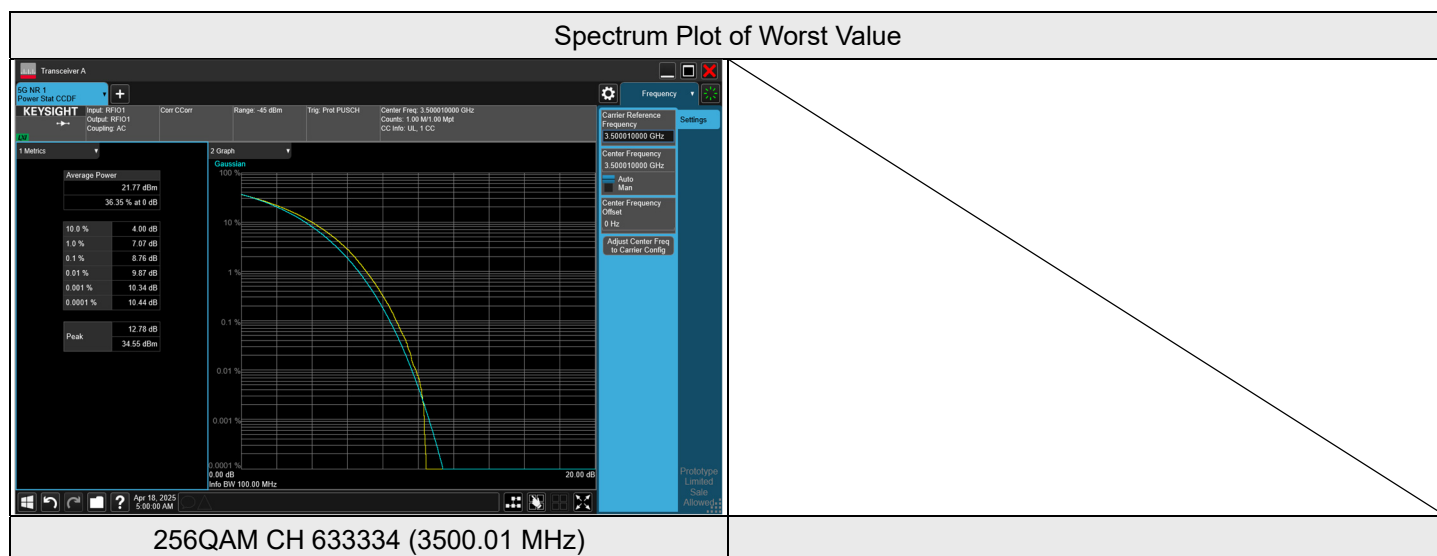
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 633000	CH 633334	CH 633666
			3495 MHz	3500.01 MHz	3504.99 MHz
QPSK	1	244	7.58	7.59	7.85
	1	0	7.58	7.86	7.31
	245	0	7.62	7.62	7.62
16QAM	1	244	8.11	7.54	7.80
	1	0	8.06	7.75	7.83
	245	0	7.33	7.62	7.35
64QAM	1	244	7.97	8.16	8.24
	1	0	8.21	7.95	8.23
	245	0	7.47	7.51	7.72
256QAM	1	244	7.79	8.05	8.07
	1	0	7.88	7.86	7.82
	245	0	8.42	8.44	8.16

Spectrum Plot of Worst Value



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

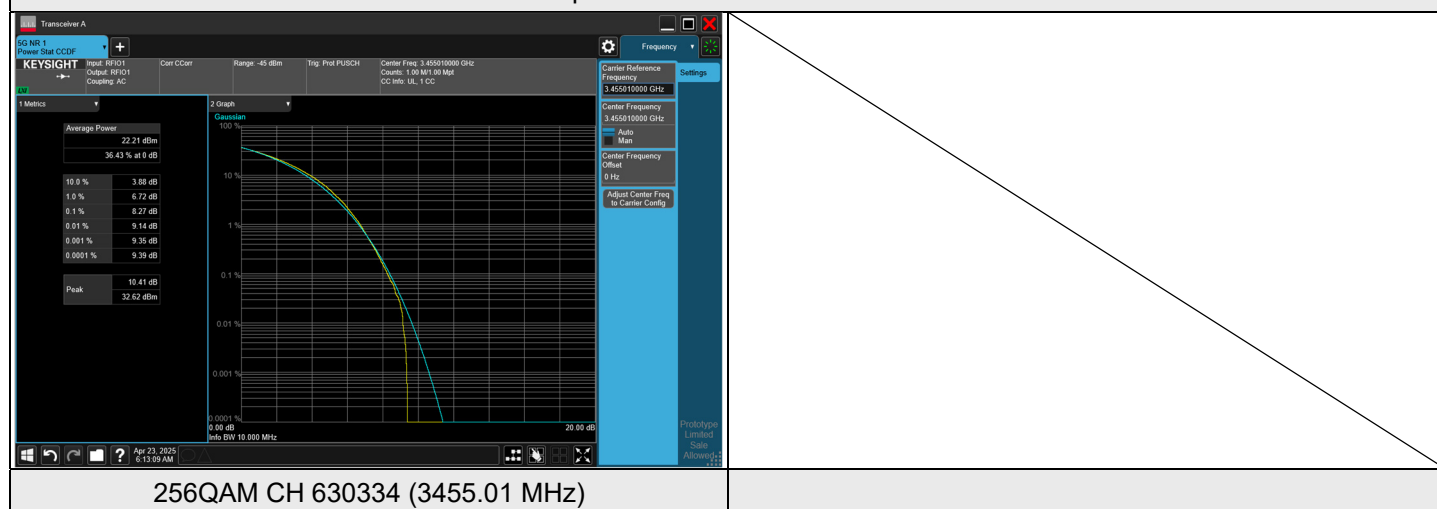
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)
			CH 633334
			3500.01 MHz
QPSK	1	272	7.31
	1	0	7.83
	273	0	7.63
16QAM	1	272	7.78
	1	0	7.77
	273	0	7.42
64QAM	1	272	8.20
	1	0	7.90
	273	0	7.83
256QAM	1	272	7.83
	1	0	8.46
	273	0	8.76



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 2, 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
QPSK	1	23	6.86	7.87	7.80
	1	0	7.26	8.03	8.00
	24	0	6.63	7.03	6.82
16QAM	1	23	7.54	7.48	7.18
	1	0	7.71	7.58	7.21
	24	0	6.97	6.92	6.78
64QAM	1	23	7.56	7.43	7.61
	1	0	7.45	7.48	7.52
	24	0	7.21	7.39	7.30
256QAM	1	23	7.97	8.13	8.02
	1	0	8.10	7.91	8.05
	24	0	8.27	8.06	8.19

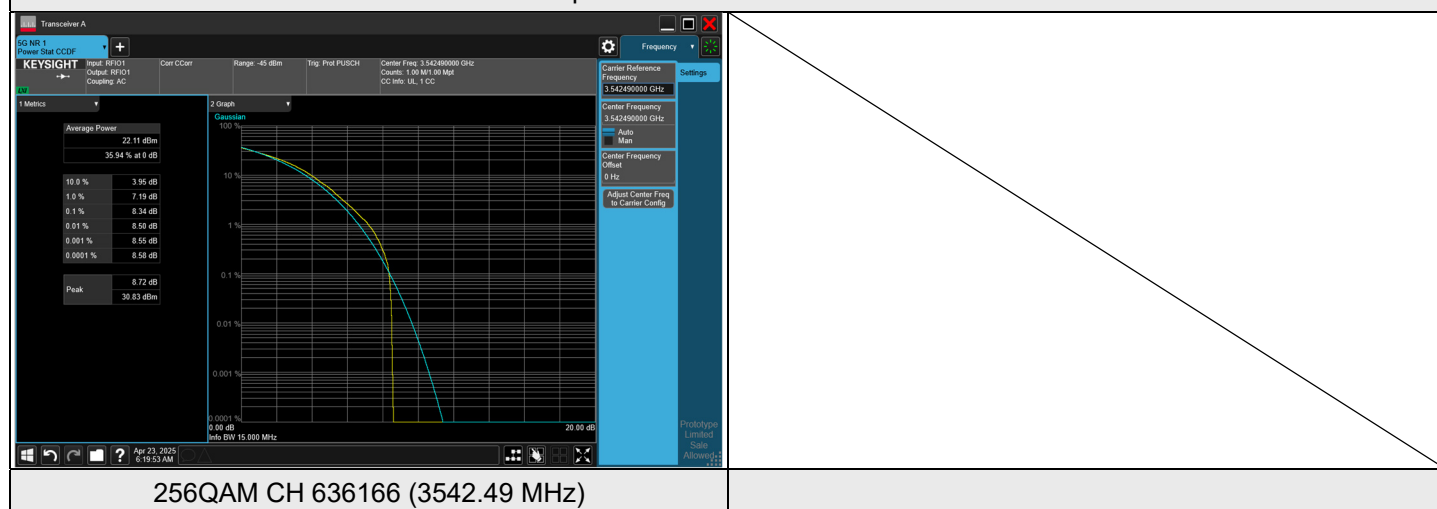
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 2, 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
QPSK	1	37	7.99	7.71	7.85
	1	0	7.87	7.71	7.81
	38	0	7.02	7.17	7.00
16QAM	1	37	7.14	6.93	6.94
	1	0	6.95	7.12	7.02
	38	0	7.06	7.03	7.18
64QAM	1	37	7.64	7.61	7.52
	1	0	7.52	7.57	7.52
	38	0	7.15	7.11	7.34
256QAM	1	37	8.18	8.17	8.20
	1	0	8.12	8.22	8.34
	38	0	8.25	8.32	8.34

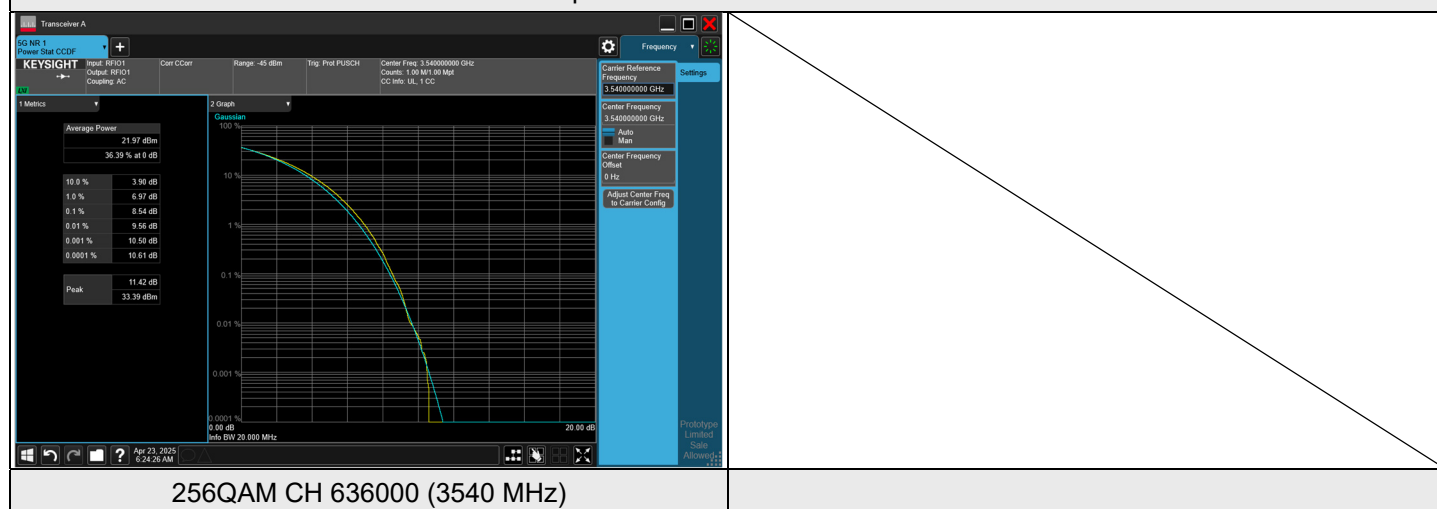
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 2, 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
QPSK	1	50	7.74	7.59	7.13
	1	0	7.71	7.12	7.16
	51	0	7.27	7.20	7.21
16QAM	1	50	6.99	6.99	7.42
	1	0	7.03	7.43	7.61
	51	0	7.22	7.27	7.32
64QAM	1	50	7.76	7.66	7.65
	1	0	7.40	7.73	7.49
	51	0	7.40	7.44	7.33
256QAM	1	50	8.06	8.35	8.09
	1	0	8.39	8.27	8.15
	51	0	8.43	8.41	8.54

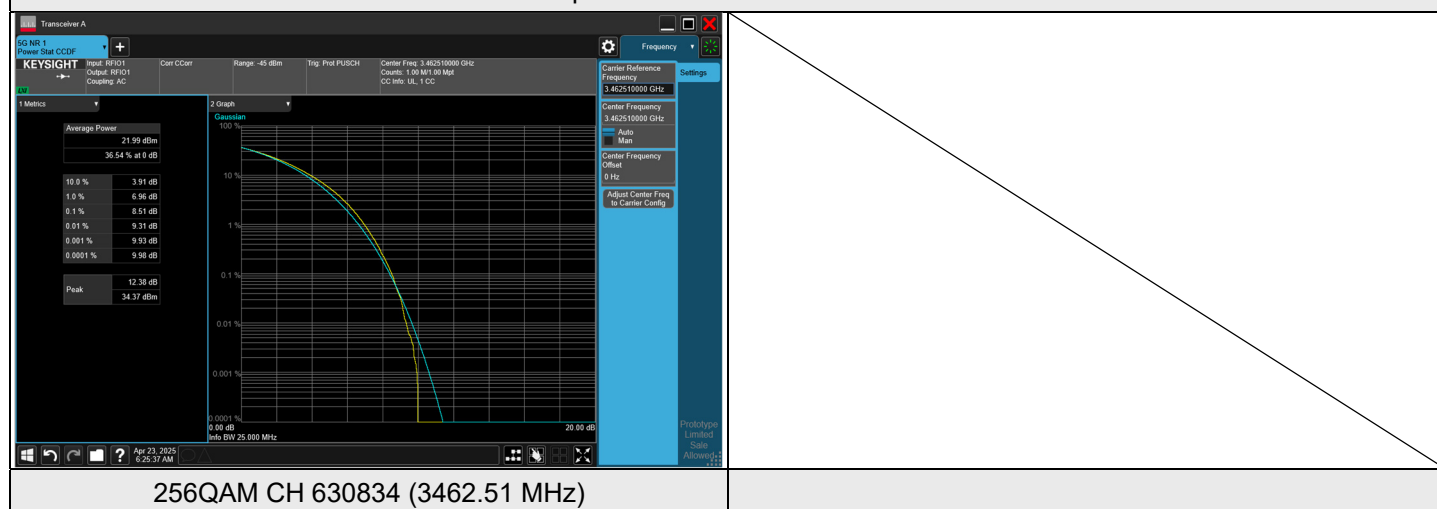
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 2, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 630834	CH 633334	CH 635832
			3462.51 MHz	3500.01 MHz	3537.48 MHz
QPSK	1	64	6.55	6.65	6.71
	1	0	7.43	6.92	7.11
	65	0	6.79	7.15	6.98
16QAM	1	64	7.66	7.80	8.08
	1	0	7.55	7.52	7.46
	65	0	7.16	7.00	6.96
64QAM	1	64	7.35	7.21	7.42
	1	0	7.53	7.31	7.63
	65	0	7.03	7.23	7.22
256QAM	1	64	8.17	7.74	7.66
	1	0	7.73	7.62	7.94
	65	0	8.51	8.35	8.28

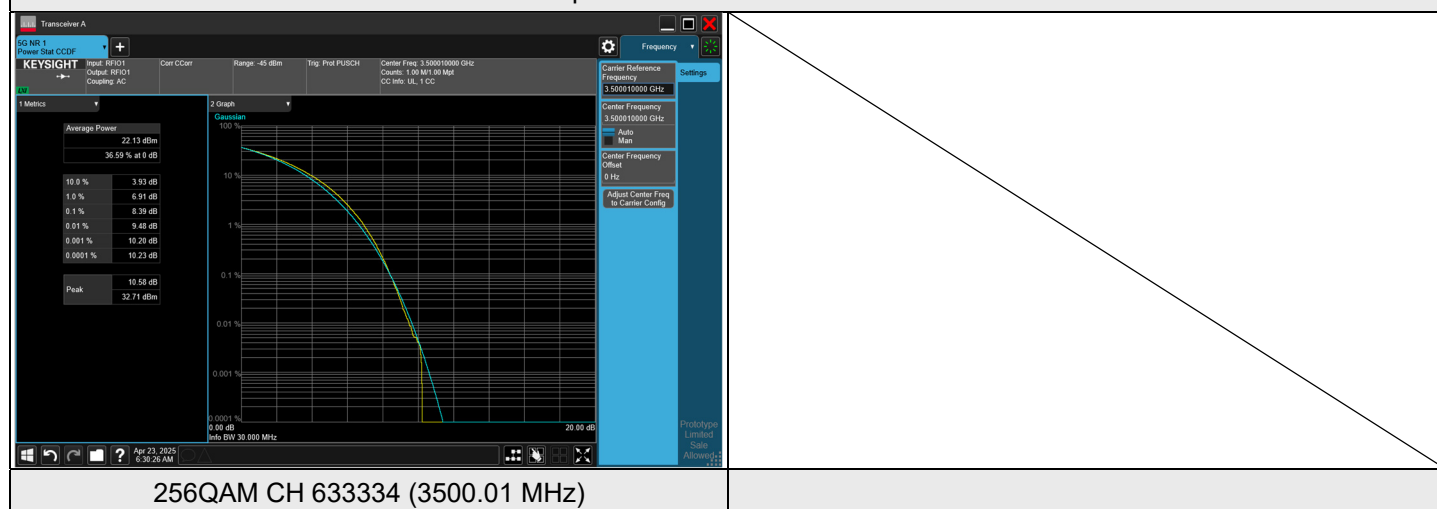
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 2, 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
QPSK	1	77	7.46	7.37	7.88
	1	0	7.39	7.10	8.06
	78	0	7.01	6.96	6.82
16QAM	1	77	7.46	7.56	7.30
	1	0	7.57	7.56	6.79
	78	0	6.90	7.12	6.82
64QAM	1	77	7.74	7.61	7.49
	1	0	7.61	7.58	7.73
	78	0	7.03	7.10	7.35
256QAM	1	77	8.09	7.96	7.71
	1	0	8.16	8.23	8.02
	78	0	8.01	8.39	8.23

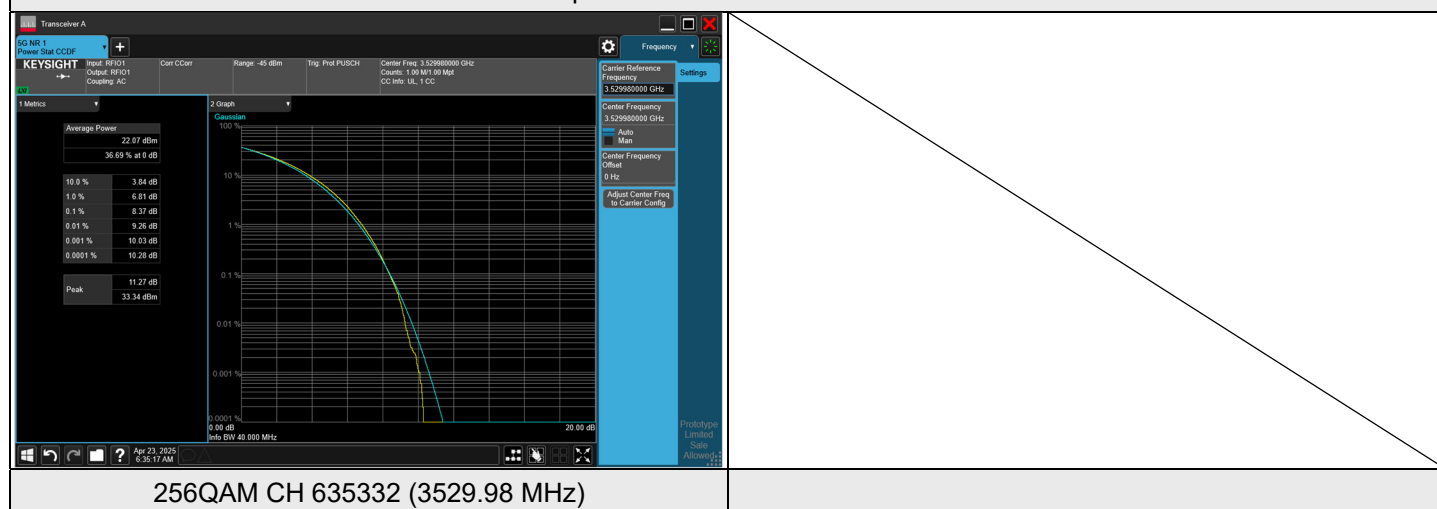
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 2, 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
QPSK	1	105	7.69	7.99	7.54
	1	0	8.02	7.64	7.60
	106	0	7.14	7.49	7.32
16QAM	1	105	7.13	7.87	7.46
	1	0	7.07	7.61	7.83
	106	0	7.17	7.36	7.21
64QAM	1	105	7.17	7.32	7.52
	1	0	7.44	7.30	7.51
	106	0	7.18	7.77	7.51
256QAM	1	105	7.82	7.70	8.01
	1	0	7.76	7.78	8.36
	106	0	8.23	8.33	8.37

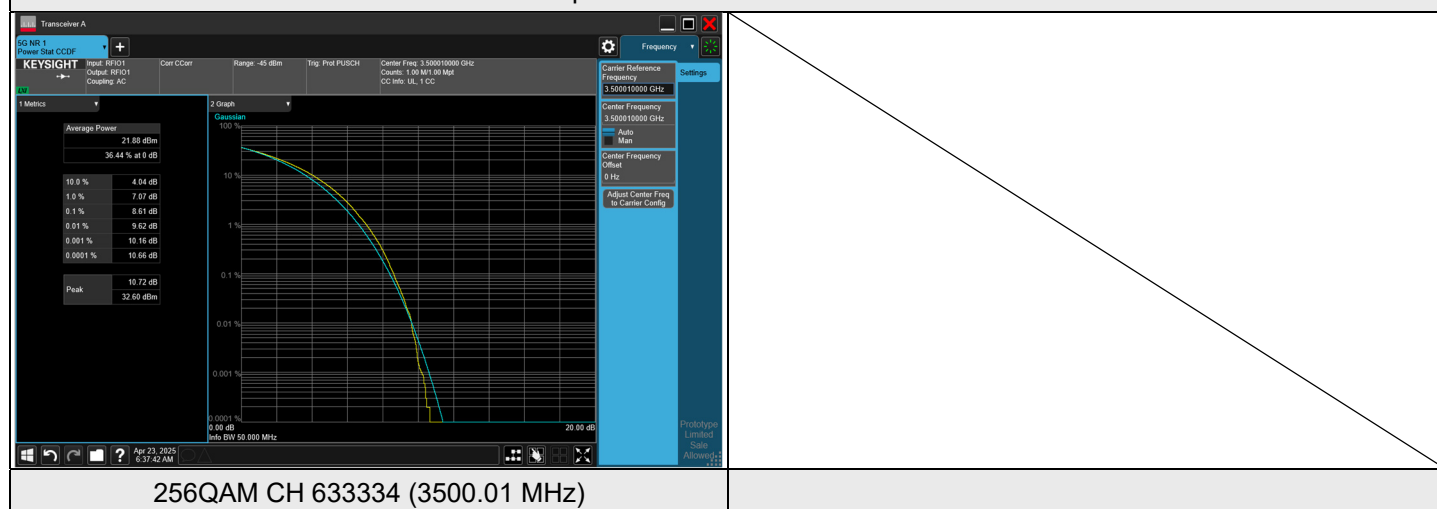
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 2, 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
QPSK	1	132	7.25	8.19	8.15
	1	0	7.91	7.85	7.91
	133	0	7.23	7.30	7.47
16QAM	1	132	6.93	7.37	7.21
	1	0	6.82	7.08	6.91
	133	0	7.57	7.33	7.55
64QAM	1	132	7.64	7.20	7.57
	1	0	7.23	8.06	7.39
	133	0	7.86	7.74	8.20
256QAM	1	132	7.64	7.72	8.12
	1	0	7.73	7.72	8.01
	133	0	8.34	8.61	8.20

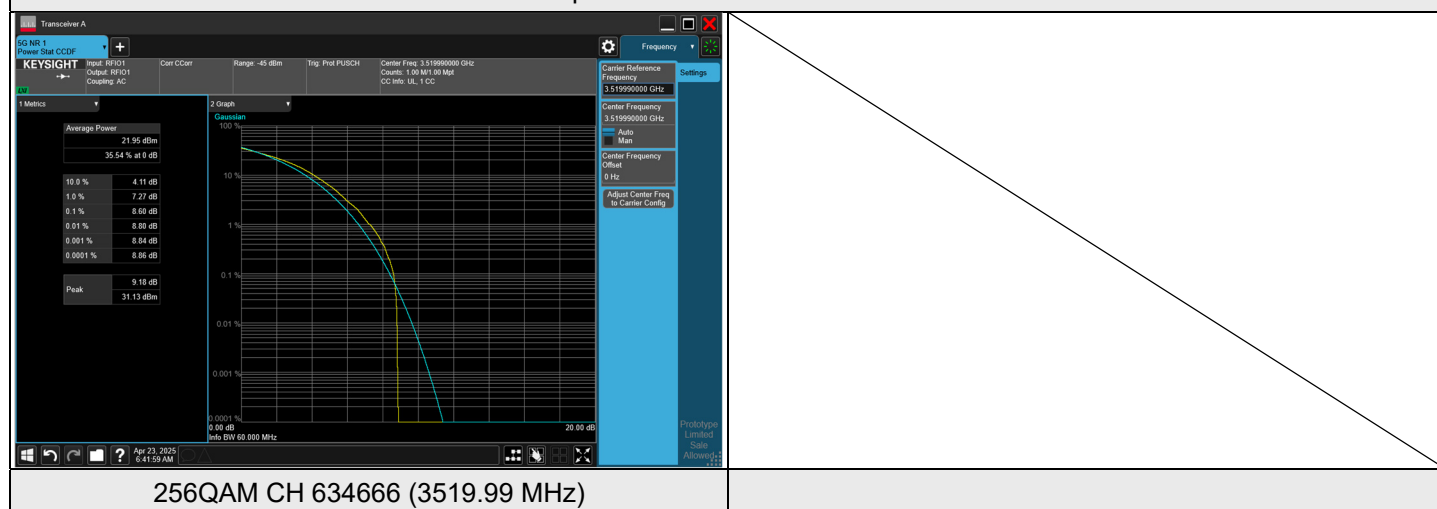
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 2, 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
QPSK	1	161	6.58	7.01	6.94
	1	0	7.12	7.15	7.11
	162	0	6.98	7.00	7.53
16QAM	1	161	7.18	7.20	7.16
	1	0	6.86	7.17	6.87
	162	0	7.52	7.29	7.53
64QAM	1	161	7.32	7.30	7.78
	1	0	7.78	7.31	7.34
	162	0	7.18	7.20	7.75
256QAM	1	161	8.17	8.23	8.13
	1	0	8.32	8.01	8.60
	162	0	8.44	8.22	8.26

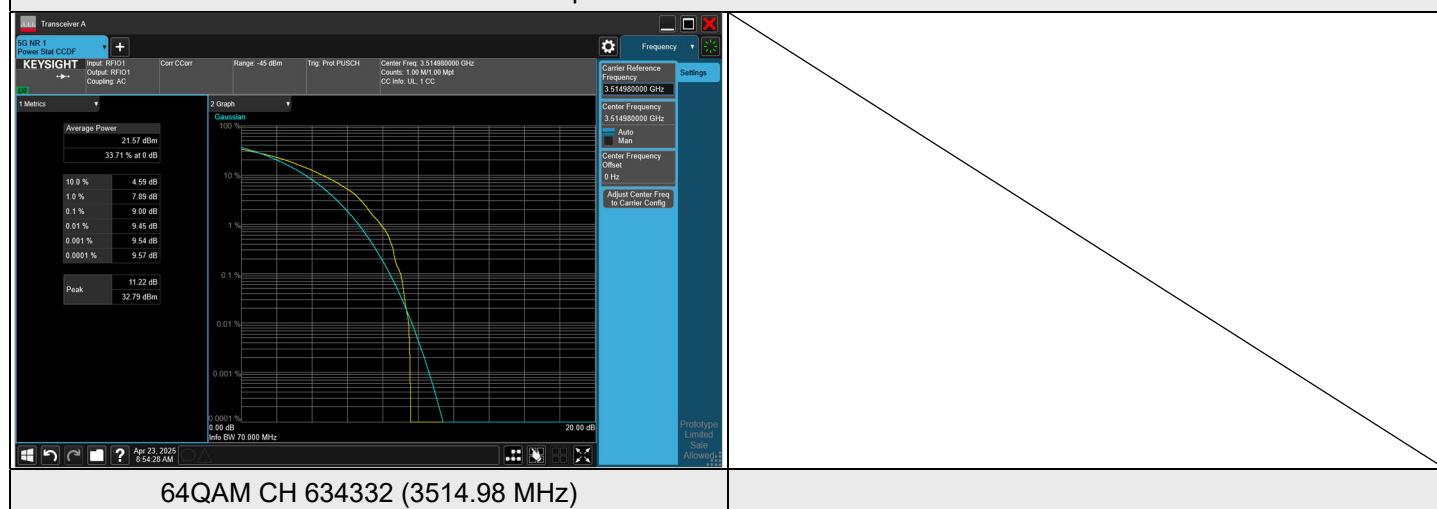
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 2, 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
QPSK	1	188	7.02	7.18	6.90
	1	0	7.61	7.91	7.39
	189	0	7.12	7.39	7.41
16QAM	1	188	7.18	7.55	7.62
	1	0	6.93	8.05	7.73
	189	0	7.65	7.14	7.41
64QAM	1	188	7.64	7.36	9.00
	1	0	7.36	7.32	7.67
	189	0	7.33	7.85	7.34
256QAM	1	188	8.53	8.86	8.02
	1	0	8.04	8.08	8.03
	189	0	8.19	8.21	8.70

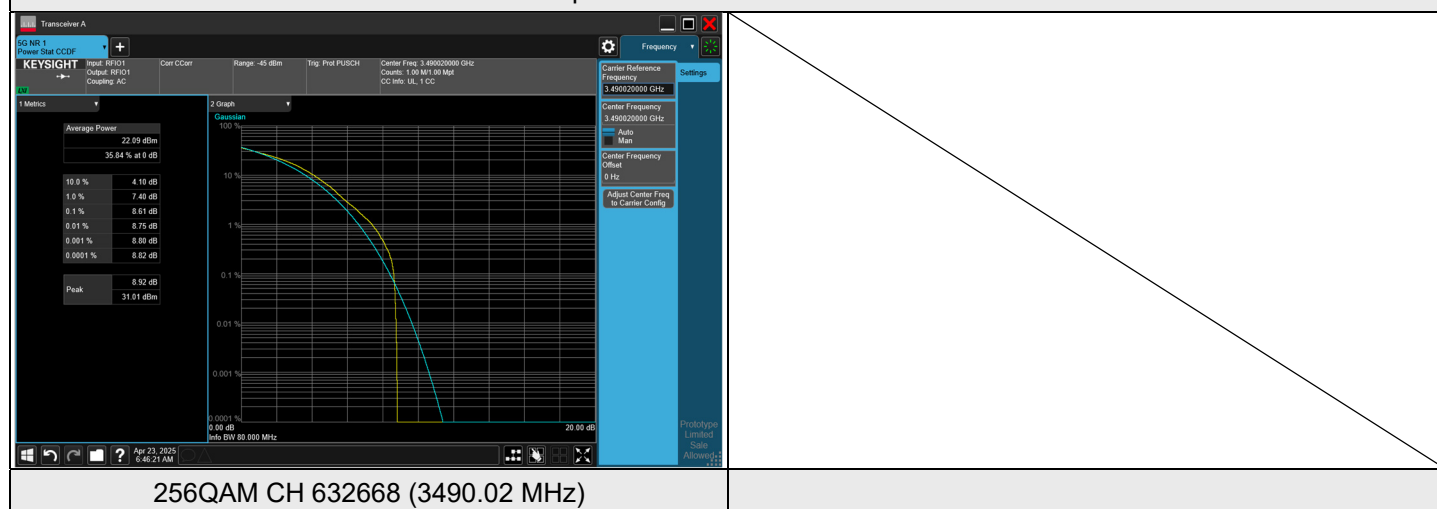
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 2, 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
QPSK	1	216	6.83	7.38	7.83
	1	0	7.55	7.24	7.44
	217	0	7.46	7.52	7.47
16QAM	1	216	8.24	7.74	7.94
	1	0	7.51	8.08	7.50
	217	0	7.44	7.19	7.74
64QAM	1	216	7.24	7.62	7.64
	1	0	7.32	7.60	7.58
	217	0	8.23	7.41	7.67
256QAM	1	216	7.92	8.25	7.94
	1	0	8.61	8.03	7.66
	217	0	8.41	8.21	8.42

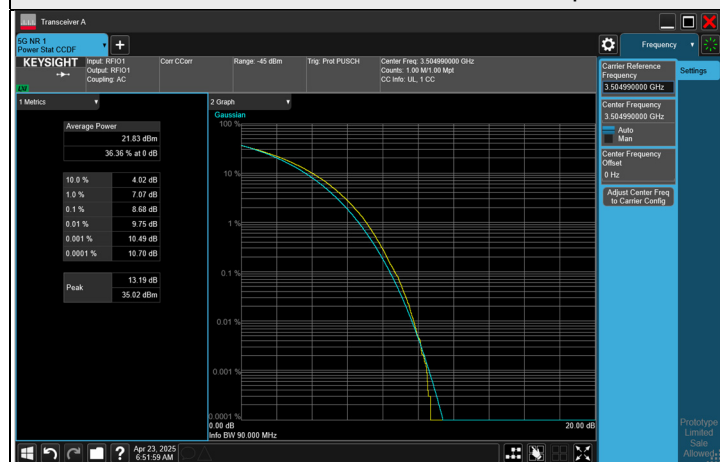
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 2, 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
QPSK	1	244	7.64	8.49	7.87
	1	0	8.22	7.94	8.61
	245	0	7.32	7.32	7.33
16QAM	1	244	7.58	7.55	7.92
	1	0	7.69	8.32	8.05
	245	0	7.32	7.32	7.58
64QAM	1	244	7.36	7.26	7.26
	1	0	7.50	7.23	7.49
	245	0	7.70	7.73	7.97
256QAM	1	244	7.86	7.84	7.87
	1	0	7.67	7.66	7.94
	245	0	8.21	8.41	8.68

Spectrum Plot of Worst Value

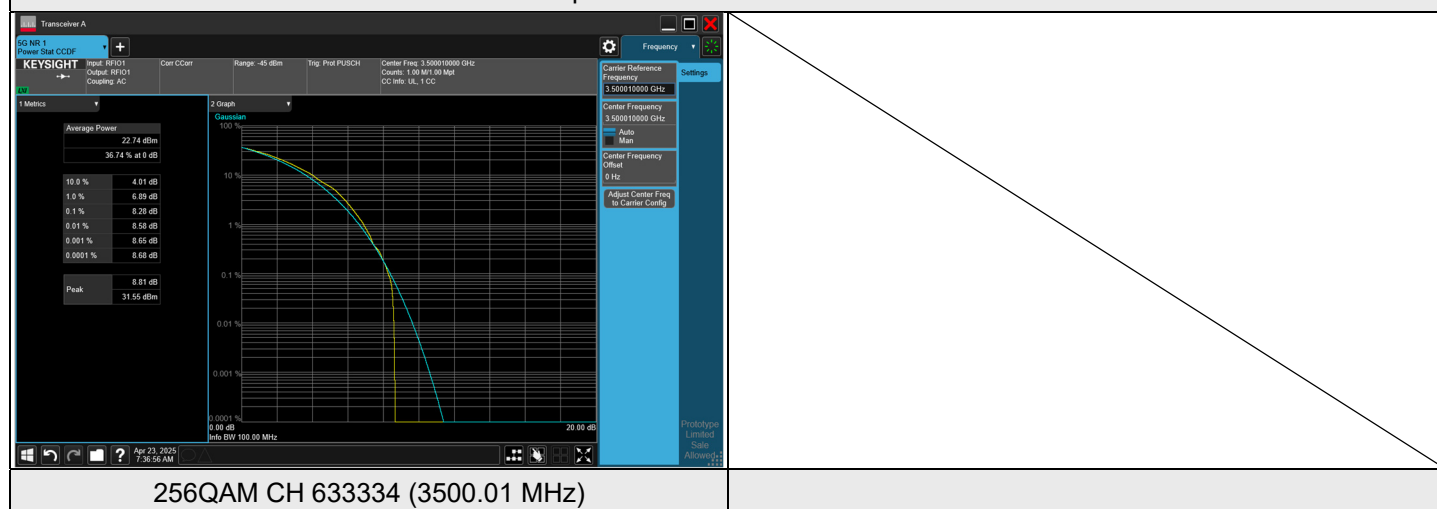


256QAM CH 633666 (3504.99 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO-Ant 2, Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)
			CH 633334
			3500.01 MHz
QPSK	1	272	8.28
	1	0	8.22
	273	0	7.66
16QAM	1	272	6.87
	1	0	7.25
	273	0	7.64
64QAM	1	272	7.67
	1	0	7.55
	273	0	7.54
256QAM	1	272	7.85
	1	0	7.89
	273	0	8.20

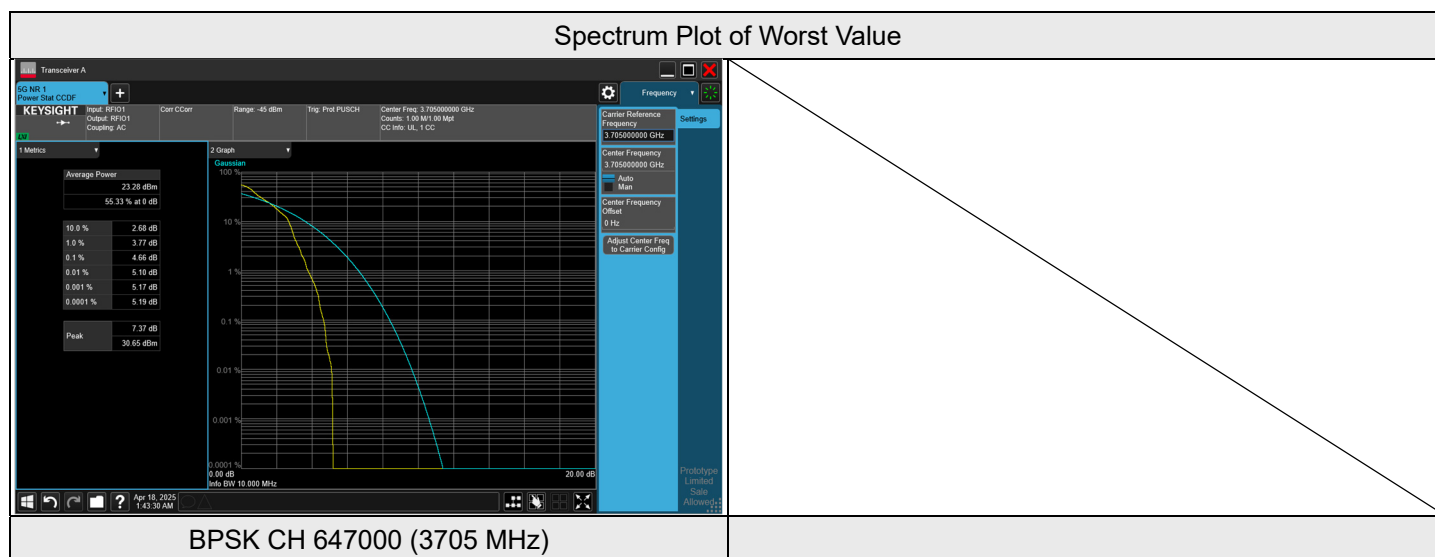
Spectrum Plot of Worst Value



7.3.6 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

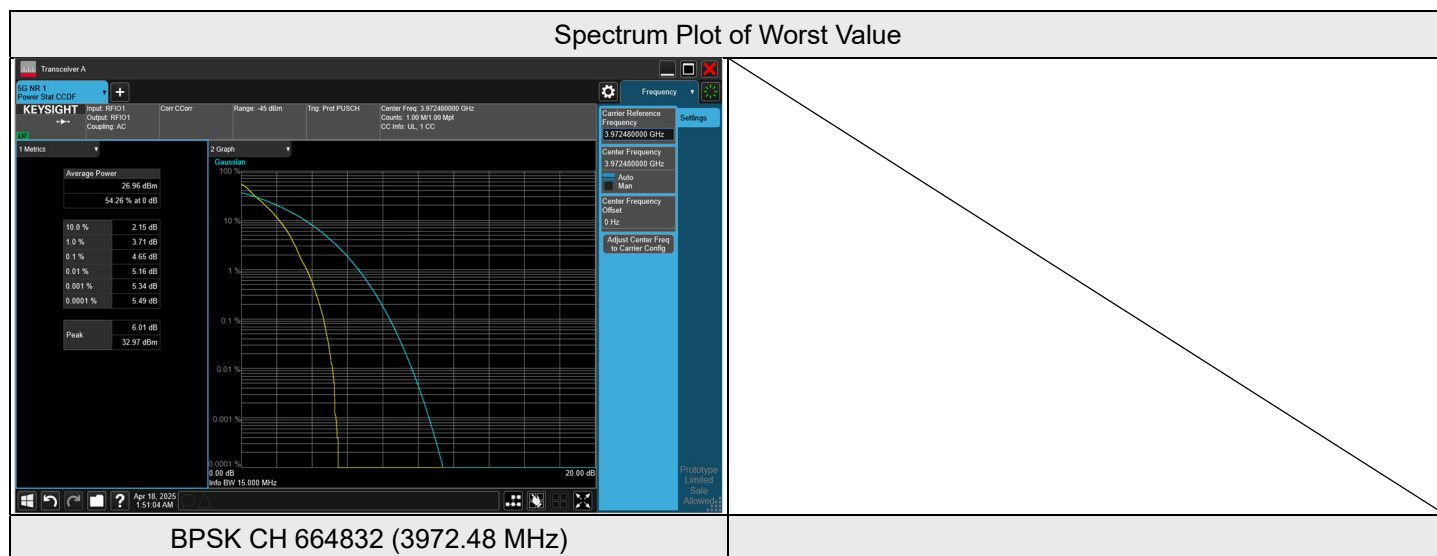
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant 2_PC2, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647000	CH 656000	CH 665000
			3705 MHz	3840 MHz	3975 MHz
BPSK	1	23	4.49	4.10	4.39
	1	0	4.66	4.18	4.37
	24	0	4.21	4.28	4.33



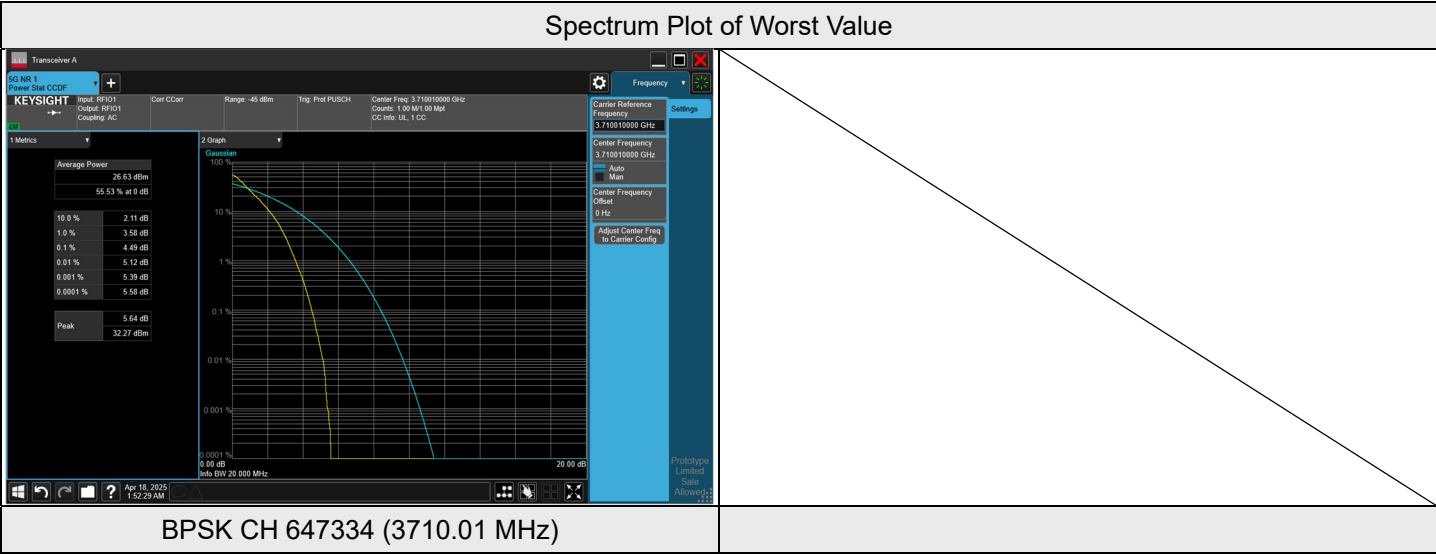
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant 2_PC2, Channel Bandwidth: 15 MHz

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	37	4.24	4.05	4.32
	1	0	4.34	4.20	4.44
	36	0	4.45	4.51	4.65



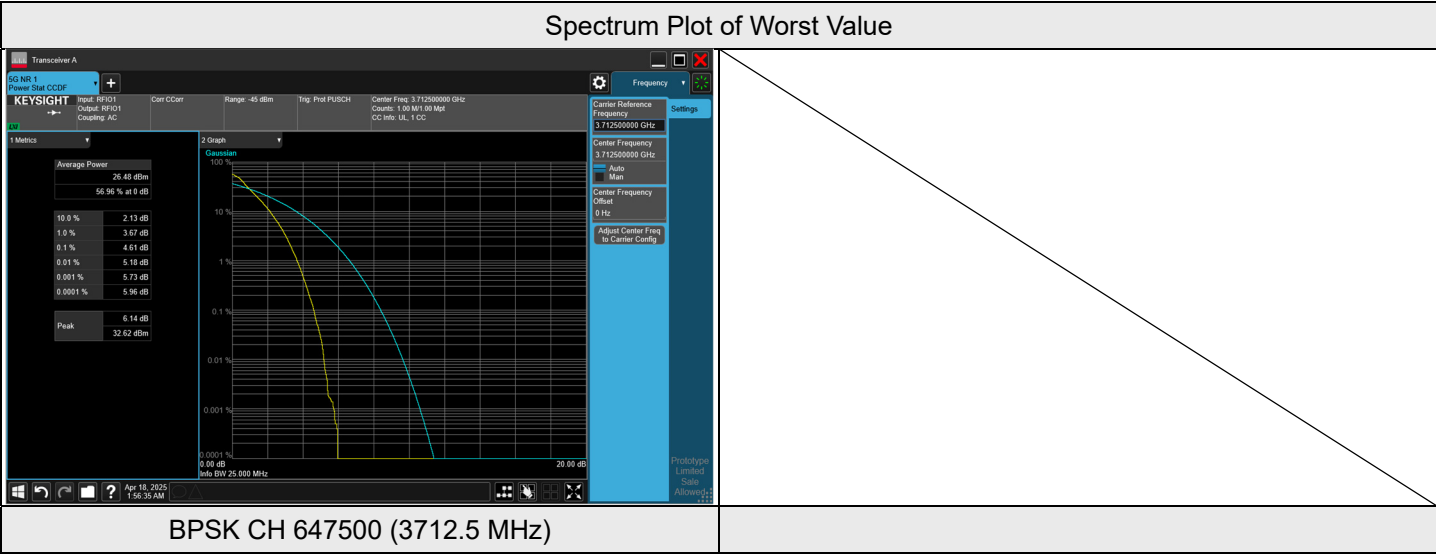
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant 2_PC2, Channel Bandwidth: 20 MHz

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	50	4.21	4.07	4.35
	1	0	4.37	3.95	4.32
	50	0	4.49	4.31	4.39



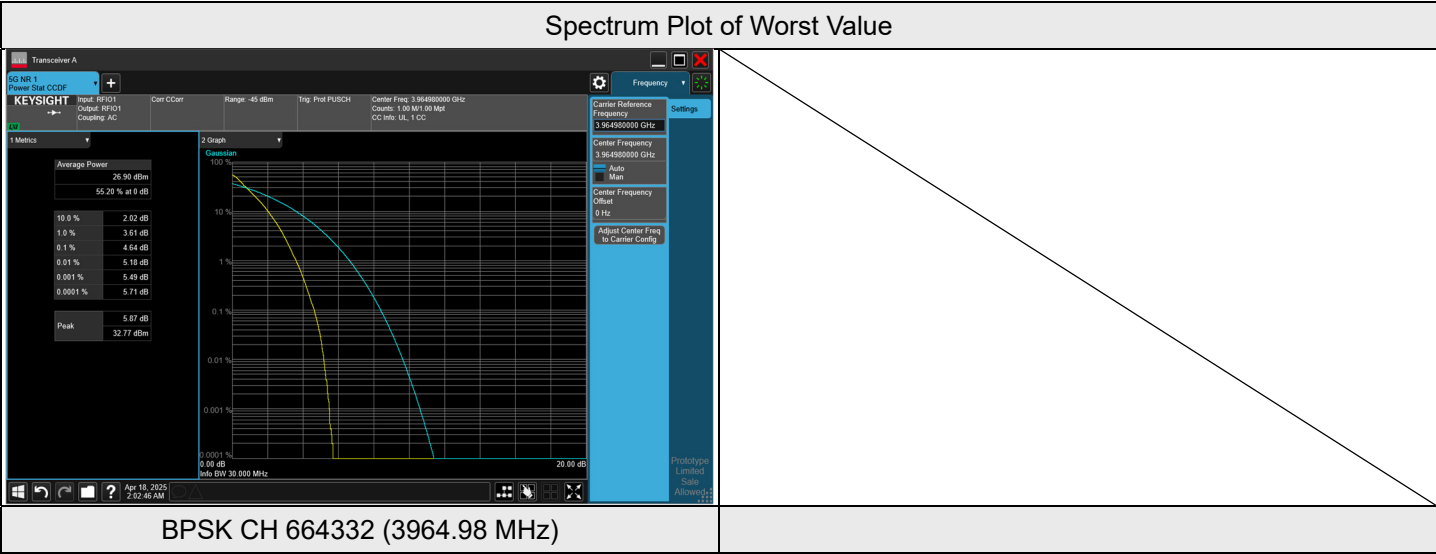
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant 2_PC2, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647500	CH 656000	CH 664500
			3712.5 MHz	3840 MHz	3967.5 MHz
BPSK	1	64	4.41	4.25	4.50
	1	0	4.41	4.43	4.44
	64	0	4.61	4.20	4.60



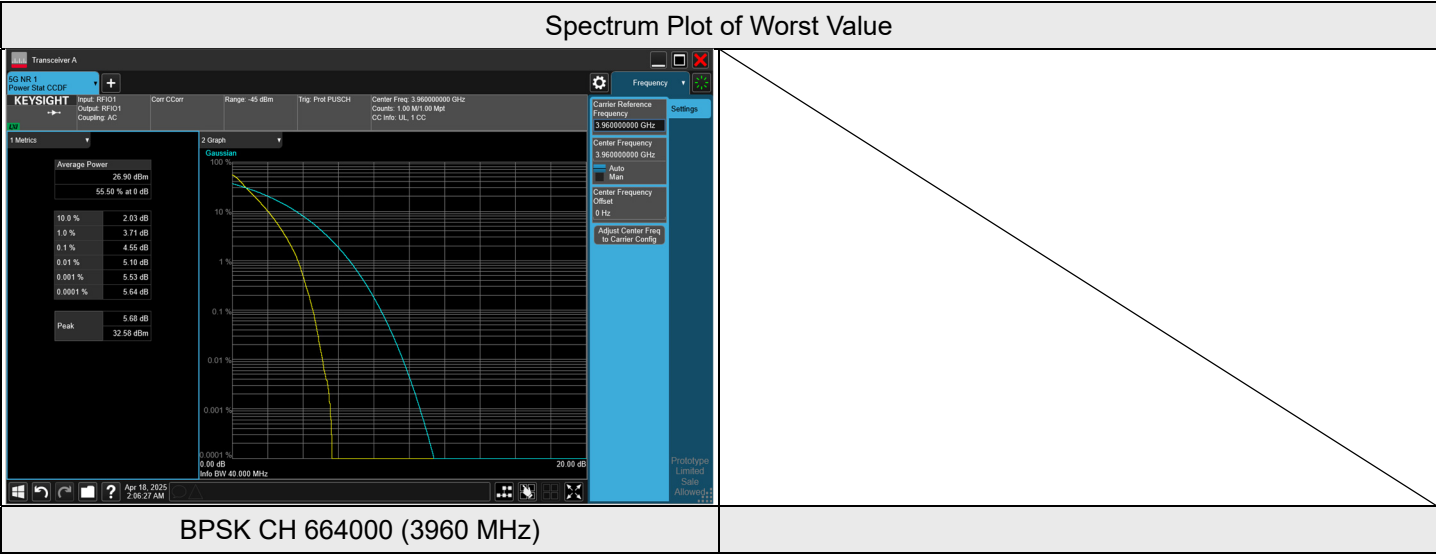
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant 2_PC2, Channel Bandwidth: 30 MHz

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	1	77	4.42	3.98	4.35
	1	0	4.31	4.00	4.22
	75	0	4.52	4.15	4.64



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant 2_PC2, 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	105	4.08	3.96	4.37
	1	0	4.29	3.80	3.98
	100	0	4.34	4.51	4.55



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant 2_PC2, 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	132	4.08	3.97	4.61
	1	0	4.20	4.37	3.98
	128	0	4.66	4.84	4.84

