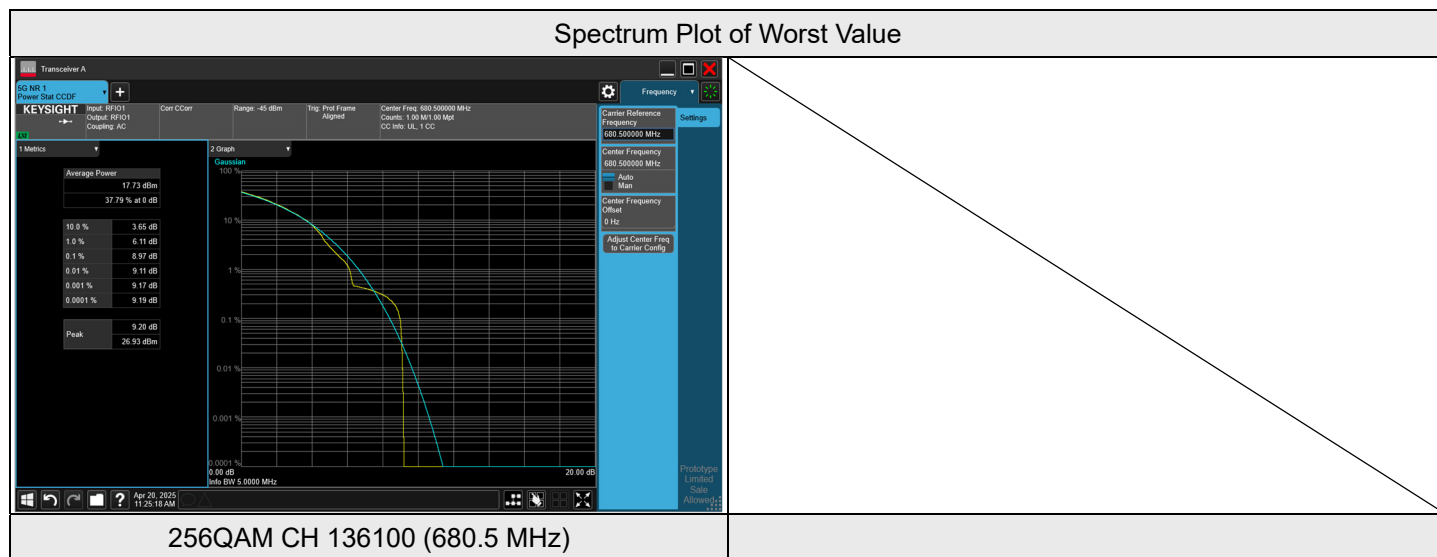


7.3.15 NR n71 SCS 15 kHz

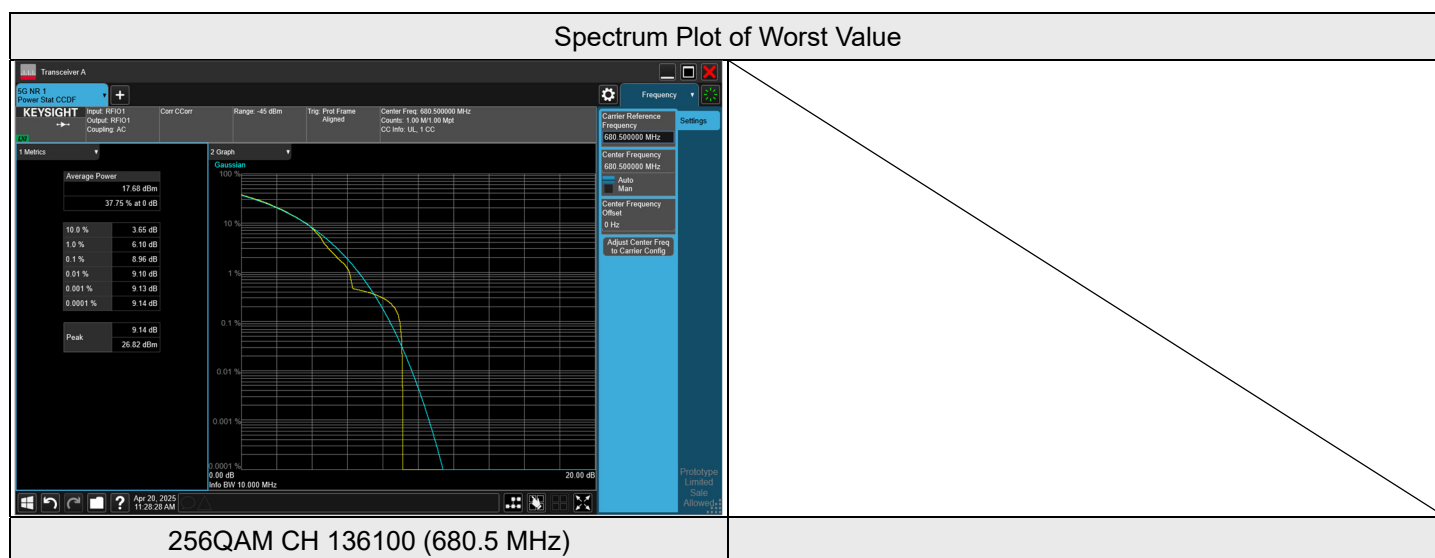
NR n71 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 133100	CH 136100	CH 139100
			665.5 MHz	680.5 MHz	695.5 MHz
BPSK	1	24	3.95	4	8.39
	1	0	3.85	3.94	8.37
	25	0	3.98	4.17	8.34
QPSK	1	24	7.2	7.29	8.43
	1	0	6.25	7.36	8.43
	25	0	6.83	7.12	8.49
16QAM	1	24	6.98	7.09	8.43
	1	0	6.11	7.2	8.42
	25	0	6.89	7.14	8.52
64QAM	1	24	7.24	7.34	8.39
	1	0	6.7	7.42	8.4
	25	0	6.79	7.11	8.44
256QAM	1	24	8.41	8.88	8.37
	1	0	8.13	8.97	8.38
	25	0	8.45	8.61	8.43



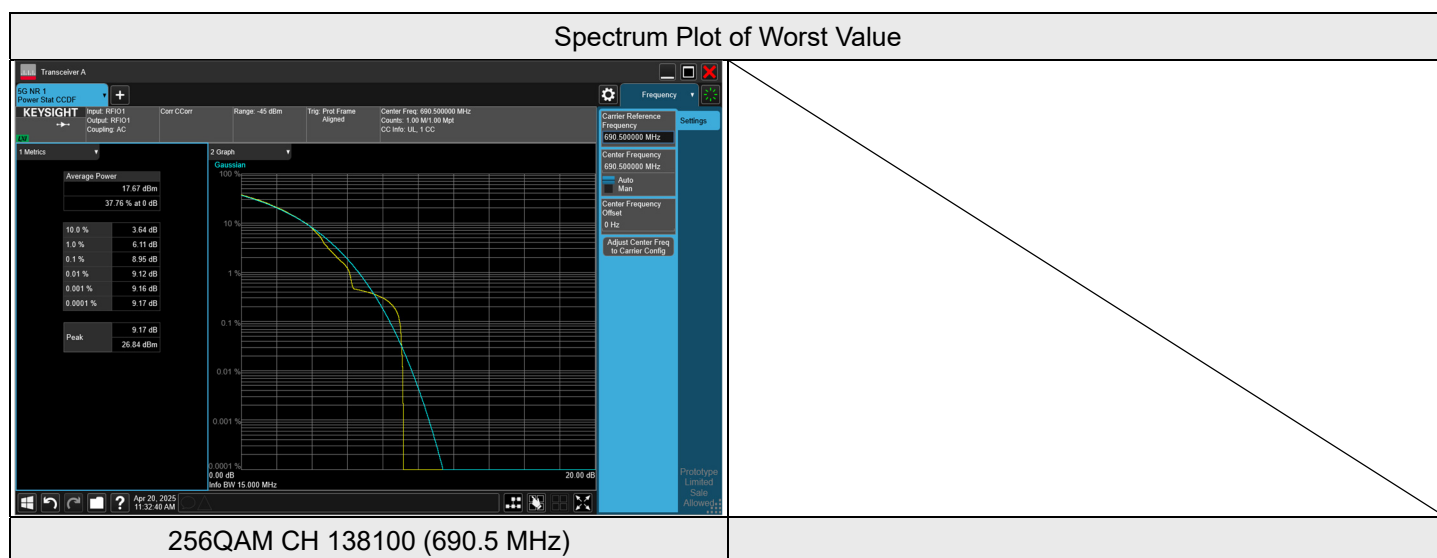
NR n71 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 133600	CH 136100	CH 138600
			668 MHz	680.5 MHz	693 MHz
BPSK	1	51	4.44	4.33	4.26
	1	0	3.95	4.51	4.46
	50	0	4.33	4.30	3.91
QPSK	1	51	7.12	7.24	6.80
	1	0	6.38	7.23	6.75
	52	0	7.19	7.12	7.04
16QAM	1	51	7.04	7.20	6.68
	1	0	6.23	7.17	7.10
	52	0	7.27	7.22	6.93
64QAM	1	51	7.15	7.29	7.07
	1	0	6.77	7.28	7.19
	52	0	7.36	7.20	7.10
256QAM	1	51	8.48	8.95	8.84
	1	0	8.56	8.96	8.91
	52	0	8.51	8.60	8.51



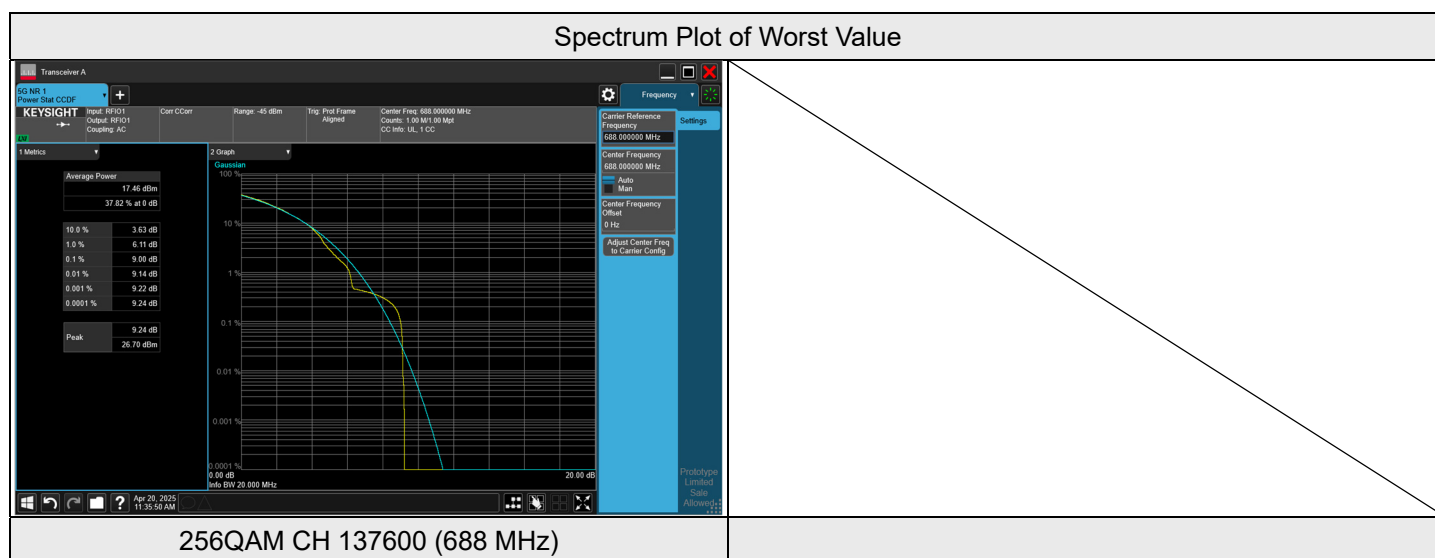
NR n71 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 134100	CH 136100	CH 138100
			670.5 MHz	680.5 MHz	690.5 MHz
BPSK	1	78	4.51	4.31	4.21
	1	0	3.89	4.35	4.48
	75	0	4.43	4.23	4.36
QPSK	1	78	7.10	7.09	6.79
	1	0	6.38	7.08	7.09
	79	0	7.12	7.32	7.20
16QAM	1	78	7.19	6.90	6.64
	1	0	6.24	7.00	7.18
	79	0	7.40	7.17	7.05
64QAM	1	78	7.32	7.28	7.11
	1	0	6.75	7.35	7.32
	79	0	7.48	7.10	7.12
256QAM	1	78	8.91	8.91	8.79
	1	0	8.57	8.93	8.95
	79	0	8.58	8.68	8.55



NR n71 SCS 15 kHz, Channel Bandwidth: 20 MHz

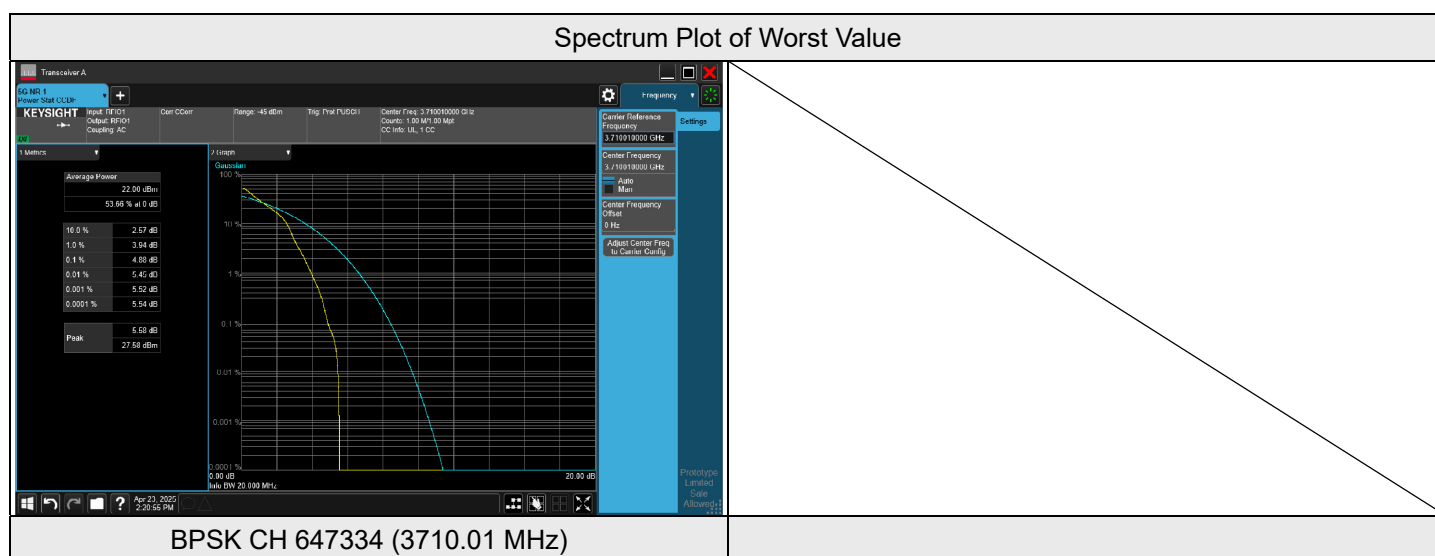
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 134600	CH 136100	CH 137600
			673 MHz	680.5 MHz	688 MHz
BPSK	1	105	4.45	4.43	4.13
	1	0	3.84	4.07	4.39
	100	0	4.14	4.18	4.41
QPSK	1	105	7.43	7.37	6.93
	1	0	6.43	7.02	7.23
	106	0	7.11	7.21	7.26
16QAM	1	105	7.17	7.14	6.63
	1	0	6.28	7.37	7.17
	106	0	7.15	7.21	7.27
64QAM	1	105	7.28	7.26	7.09
	1	0	6.79	7.33	7.31
	106	0	7.58	7.08	7.19
256QAM	1	105	8.89	8.86	8.81
	1	0	8.63	8.96	9.00
	106	0	8.74	8.79	8.78



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

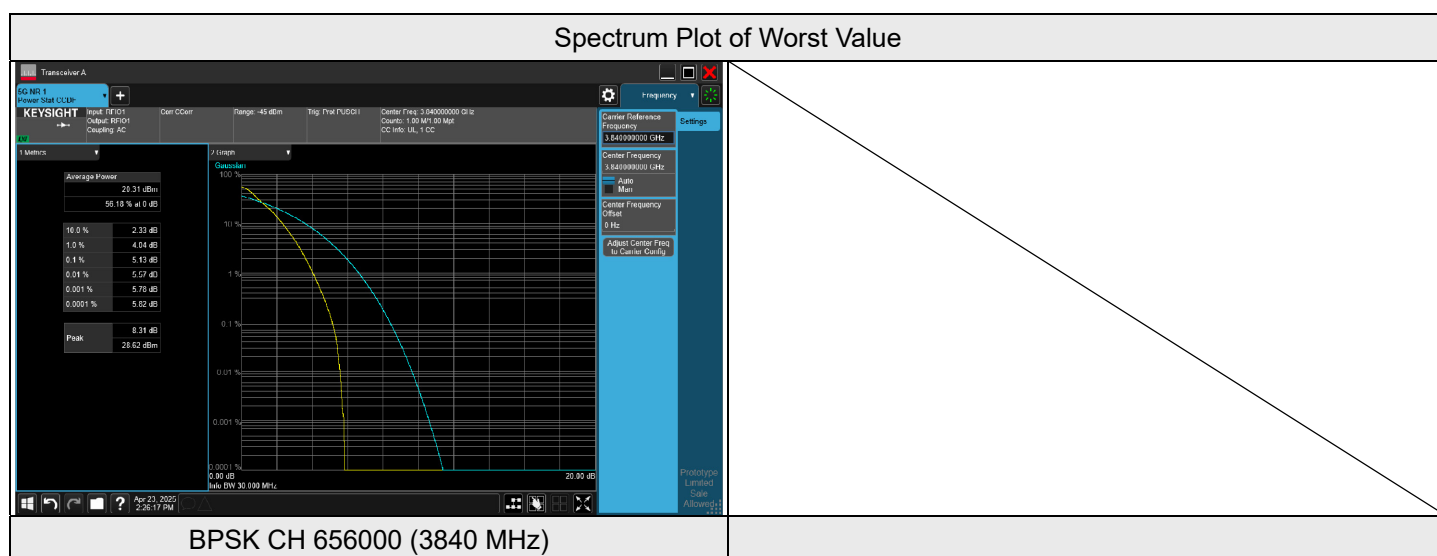
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant. 4, Channel Bandwidth: 20 MHz

Modulation	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	4.50	4.58	4.46
	1	0	4.88	4.58	4.47
	50	0	4.83	4.75	4.63



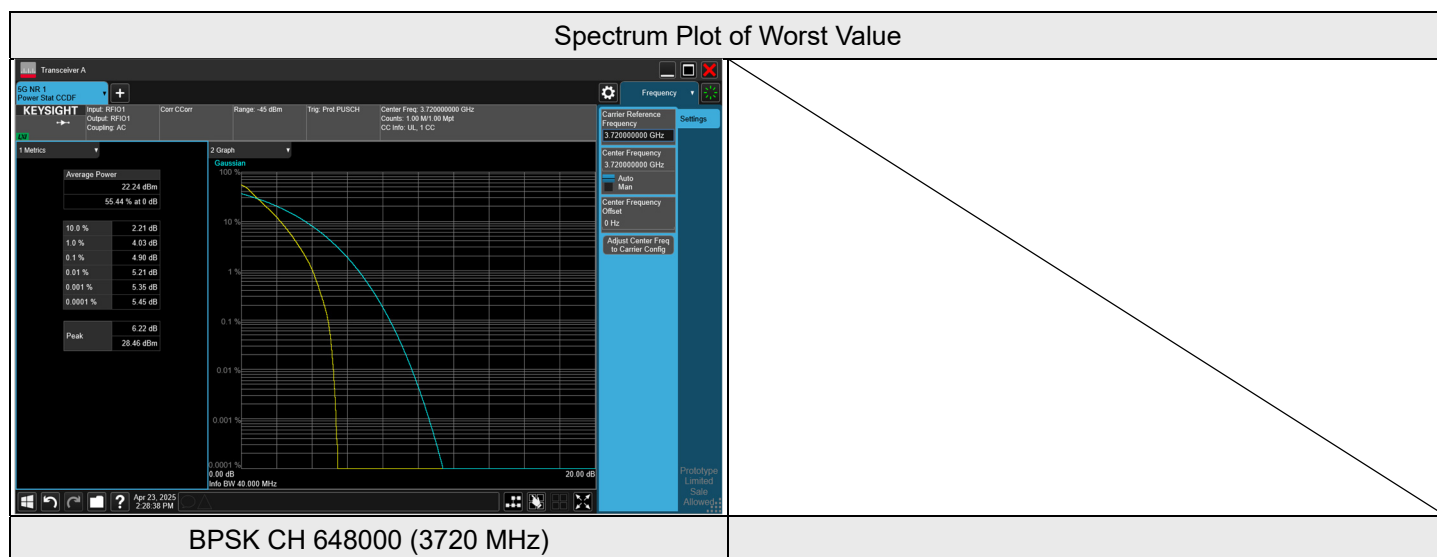
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant. 4, Channel Bandwidth: 30 MHz

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	4.85	4.75	4.18
	1	0	4.77	4.66	4.45
	75	0	4.70	5.13	4.40



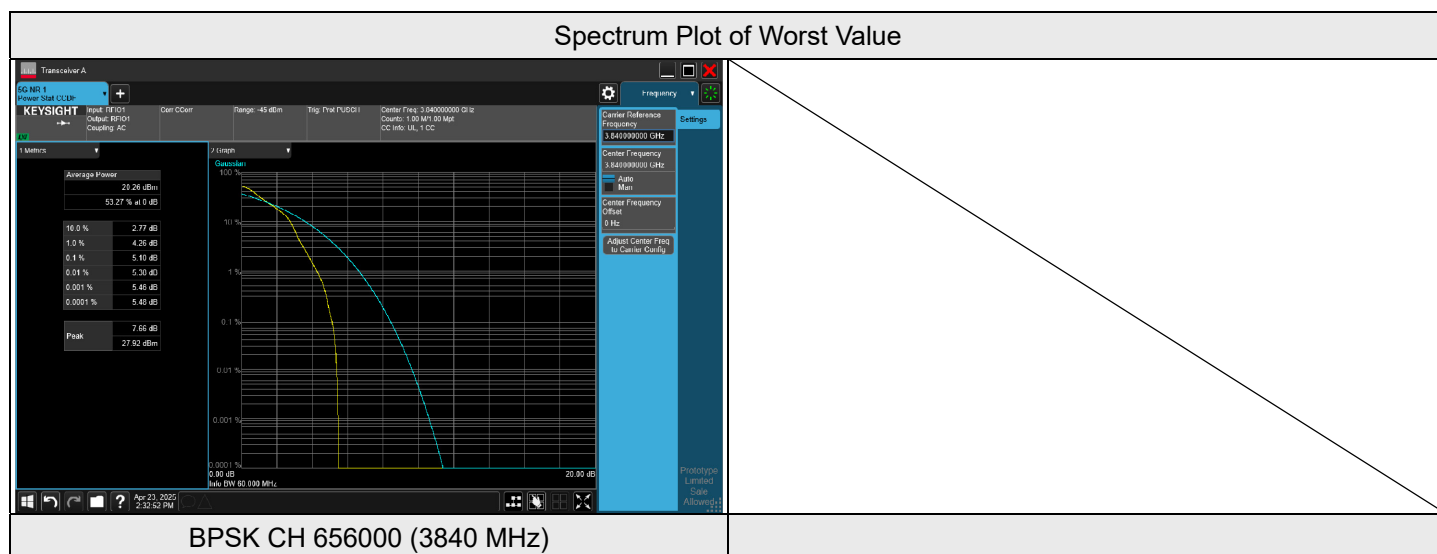
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant. 4, Channel Bandwidth: 40 MHz

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	4.90	4.53	4.38
	1	0	4.75	4.55	4.52
	100	0	4.90	4.83	4.57



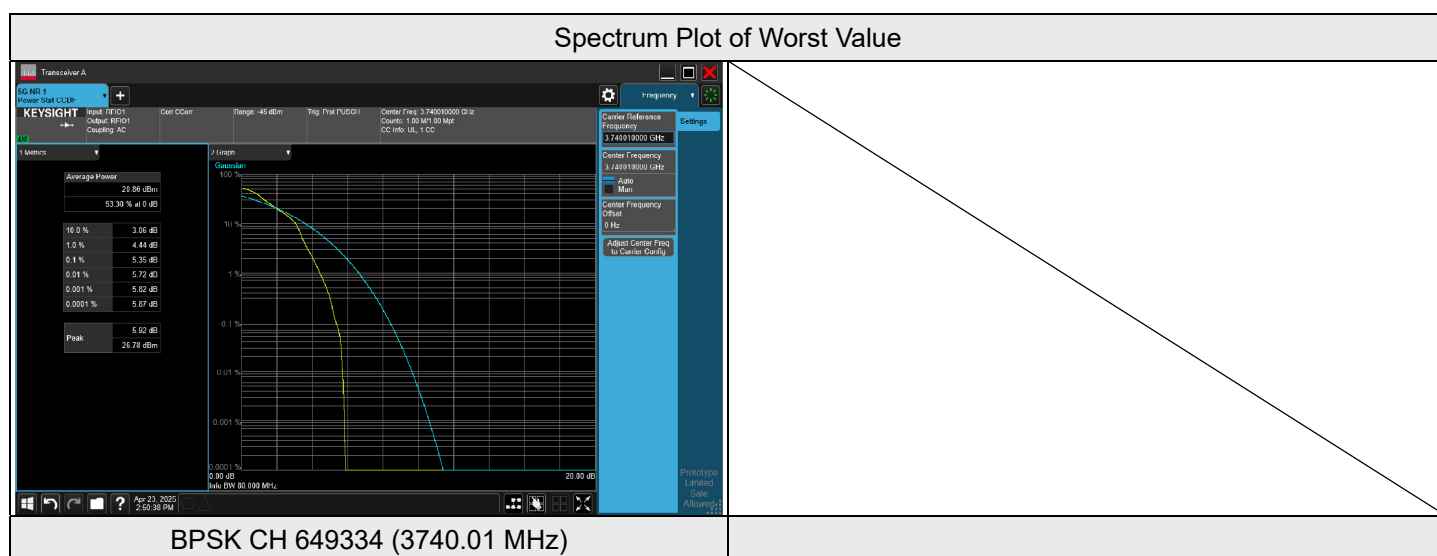
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant. 4, Channel Bandwidth: 60 MHz

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	161	4.47	4.36	4.31
	1	0	4.62	5.10	4.46
	162	0	4.16	4.31	4.42



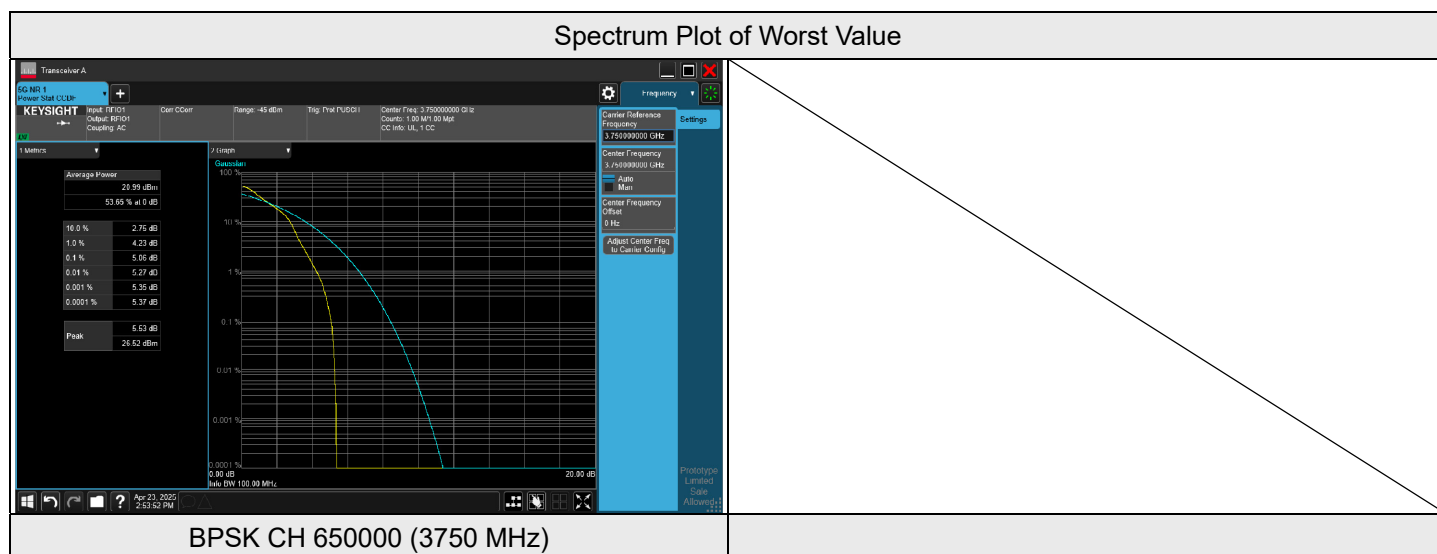
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant. 4, Channel Bandwidth: 80 MHz

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	216	5.35	4.04	4.58
	1	0	4.86	4.18	3.97
	216	0	4.29	4.50	5.03



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant. 4, 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	272	5.06	4.92	4.47
	1	0	4.50	4.28	4.72
	270	0	4.53	4.94	4.74

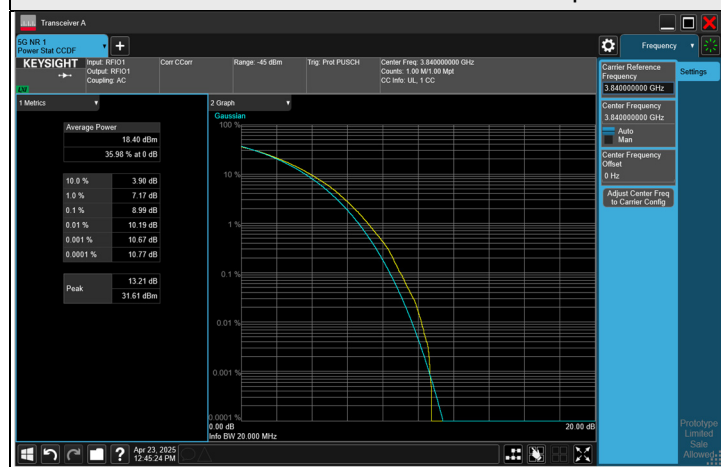


7.3.17 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) (MIMO)

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

Modulation	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	7.36	7.83	7.70
	1	0	7.65	7.84	7.98
	51	0	7.88	7.12	7.38
16QAM	1	50	7.64	7.39	7.60
	1	0	7.42	7.34	7.46
	51	0	7.63	8.06	7.53
64QAM	1	50	7.76	7.89	7.61
	1	0	7.75	7.69	7.46
	51	0	7.91	8.05	7.52
256QAM	1	50	8.35	8.42	8.29
	1	0	8.52	8.35	8.42
	51	0	8.63	8.99	8.57

Spectrum Plot of Worst Value

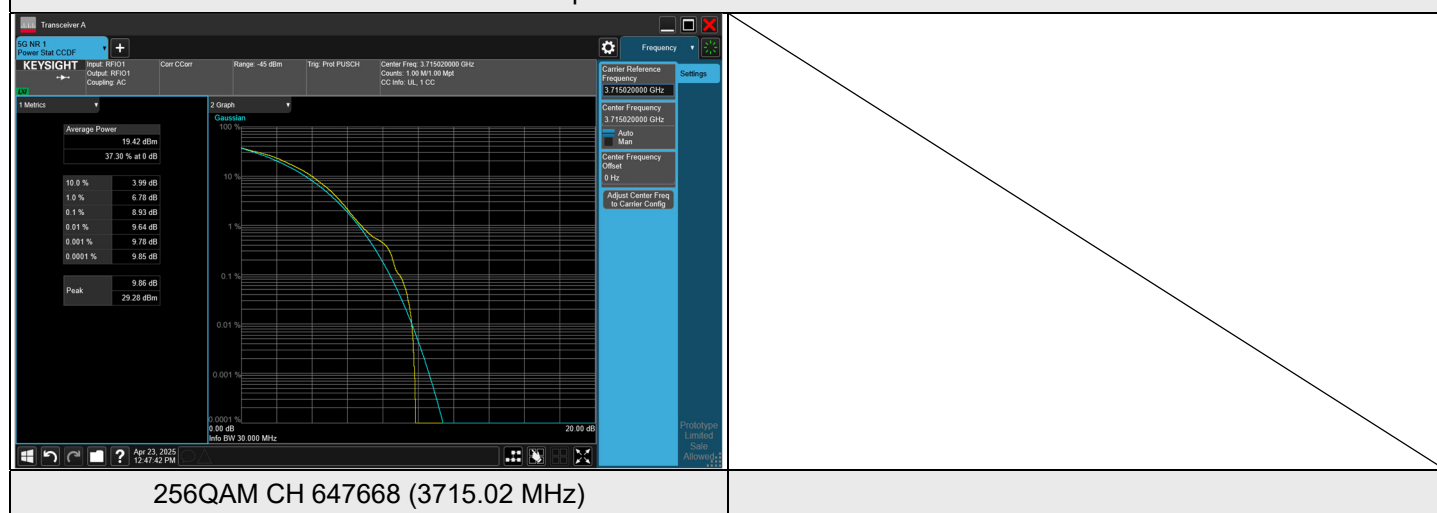


256QAM CH 656000 (3840 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 4, 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	7.70	8.19	7.67
	1	0	7.56	8.07	7.63
	78	0	7.36	7.82	7.33
16QAM	1	77	7.74	8.15	7.28
	1	0	7.25	7.78	7.01
	78	0	7.73	8.31	7.25
64QAM	1	77	7.70	8.06	7.38
	1	0	7.50	8.16	7.72
	78	0	7.78	8.10	7.61
256QAM	1	77	8.41	8.38	8.09
	1	0	8.93	8.72	8.35
	78	0	8.56	8.76	8.61

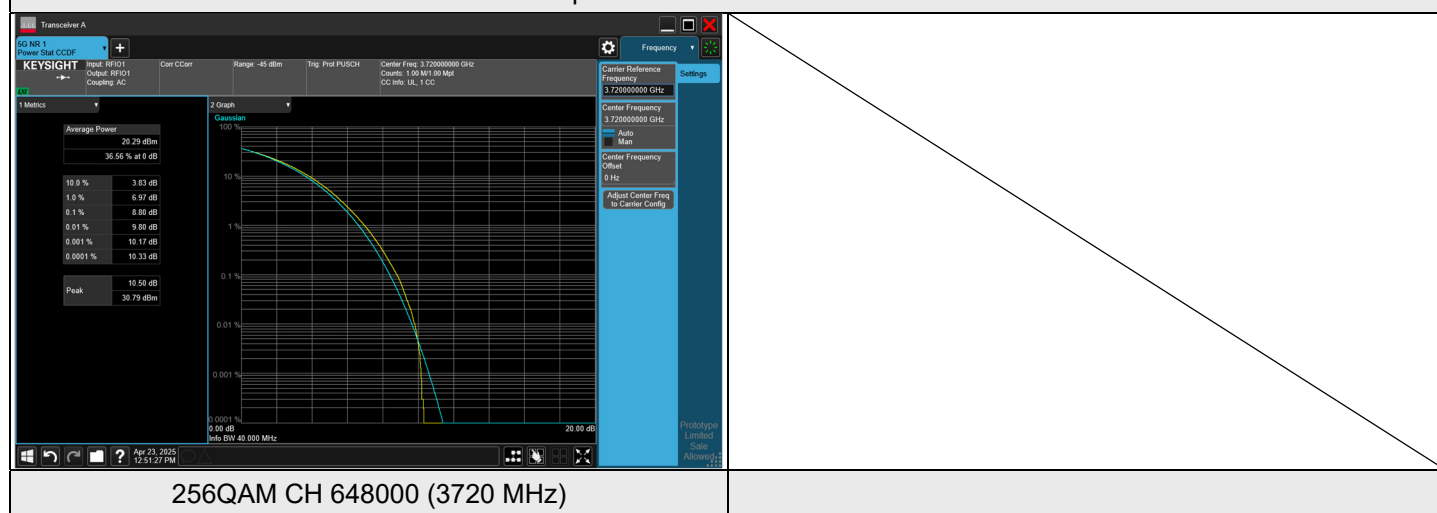
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 4, 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	7.89	7.45	7.45
	1	0	7.71	8.07	7.65
	106	0	7.76	7.90	7.29
16QAM	1	105	7.70	7.80	7.10
	1	0	7.35	7.86	7.41
	106	0	7.88	8.23	7.35
64QAM	1	105	7.82	8.06	7.71
	1	0	7.16	7.86	7.95
	106	0	7.93	8.16	7.46
256QAM	1	105	8.55	8.29	8.28
	1	0	8.71	8.64	8.31
	106	0	8.80	8.79	8.63

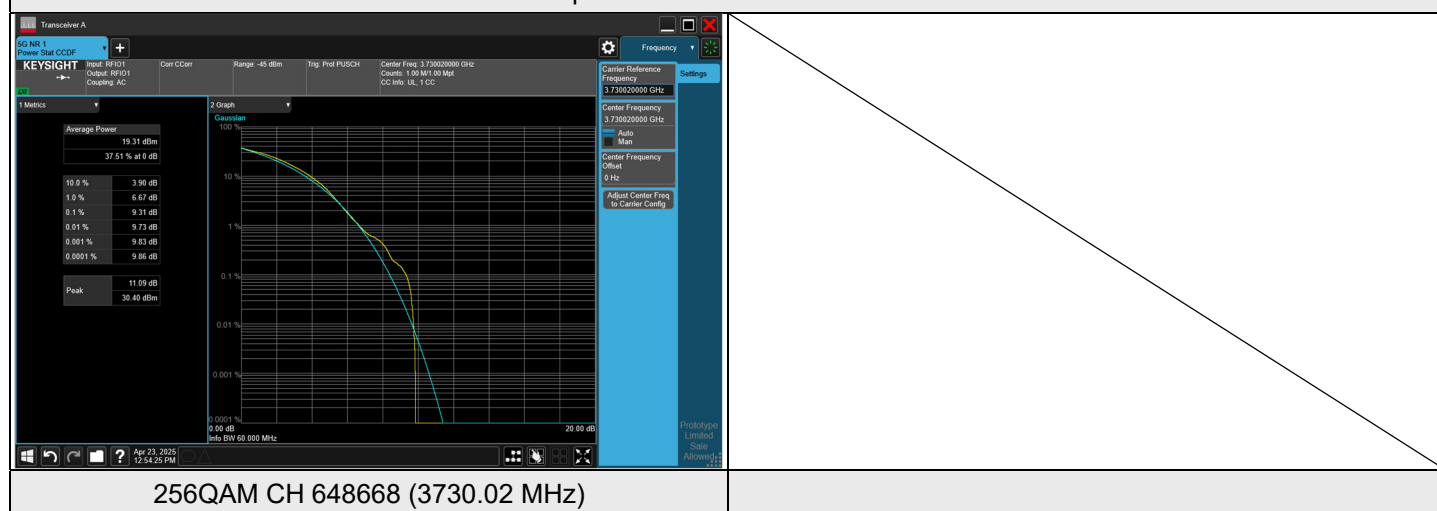
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 4, 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	7.65	7.62	7.03
	1	0	7.96	7.59	7.24
	162	0	7.35	7.45	8.14
16QAM	1	161	7.64	7.52	7.89
	1	0	7.15	7.67	7.25
	162	0	7.98	7.29	7.53
64QAM	1	161	7.43	7.84	7.93
	1	0	7.22	7.74	7.84
	162	0	7.48	7.72	8.78
256QAM	1	161	9.31	8.81	8.22
	1	0	8.90	7.99	8.18
	162	0	8.96	8.81	8.85

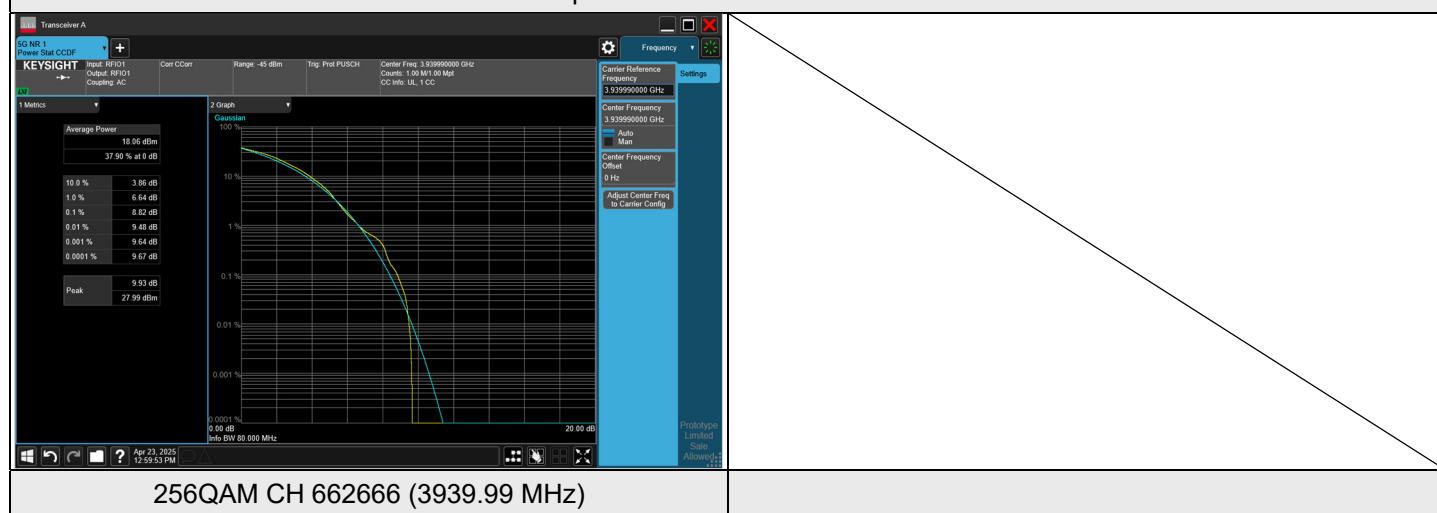
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 4, 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	7.47	7.79	7.66
	1	0	7.94	7.91	8.33
	217	0	7.11	7.50	7.52
16QAM	1	216	7.81	8.03	7.22
	1	0	7.90	7.29	7.81
	217	0	7.31	7.25	7.45
64QAM	1	216	7.47	7.35	8.01
	1	0	7.63	7.59	7.36
	217	0	7.13	7.58	7.67
256QAM	1	216	8.15	8.46	8.10
	1	0	8.70	8.54	8.82
	217	0	8.48	8.58	8.46

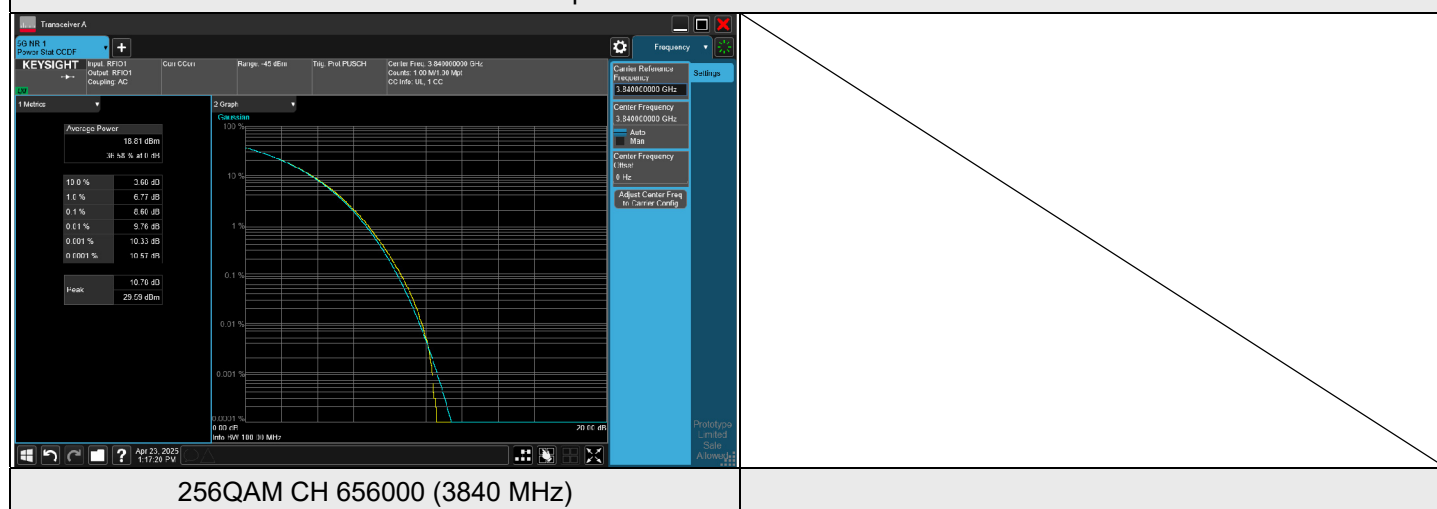
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 4, 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	7.13	7.61	7.5
	1	0	7.79	7.92	8.29
	273	0	7.36	7.78	7.58
16QAM	1	272	7.49	7.62	7.67
	1	0	7.56	7.72	8.13
	273	0	7.63	7.09	7.83
64QAM	1	272	7.01	7.39	8.15
	1	0	7.94	7.82	6.93
	273	0	7.24	7.95	7.25
256QAM	1	272	8.23	8.44	7.88
	1	0	8.36	8.06	8.57
	273	0	8.33	8.60	8.59

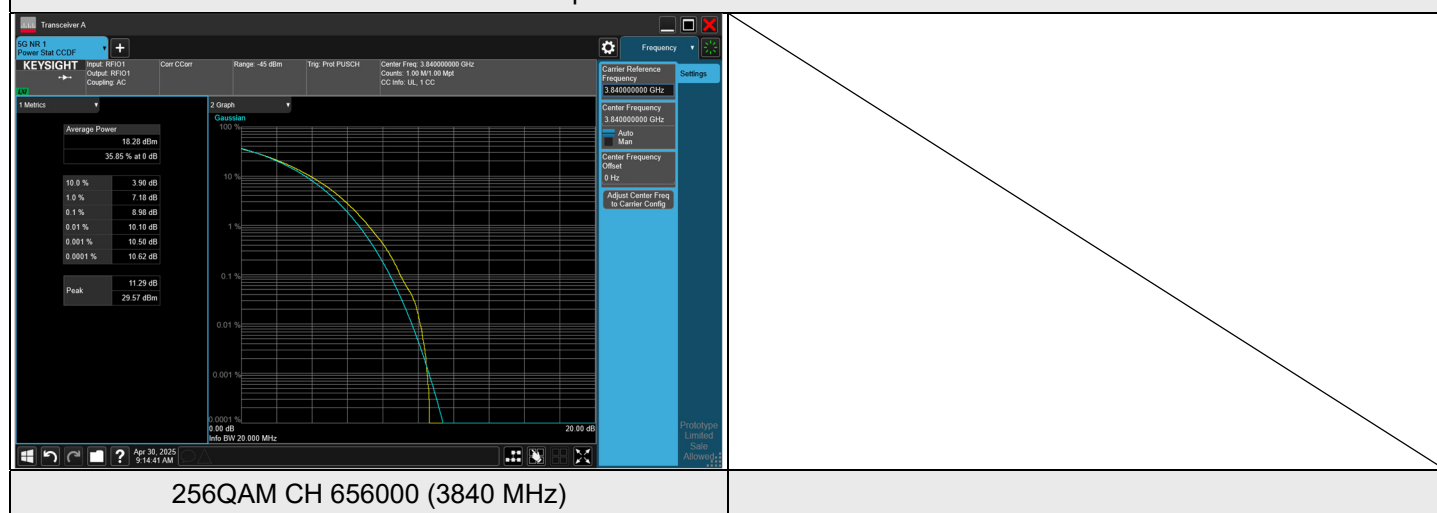
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 7, 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	7.52	7.88	7.84
	1	0	7.34	7.84	8.07
	51	0	7.81	7.45	7.57
16QAM	1	50	7.96	7.99	7.38
	1	0	7.88	7.99	7.46
	51	0	7.88	7.69	8.07
64QAM	1	50	7.68	8.13	7.67
	1	0	7.71	8.14	7.82
	51	0	7.72	7.79	8.36
256QAM	1	50	8.67	8.59	8.36
	1	0	8.72	8.67	8.61
	51	0	8.64	8.98	8.86

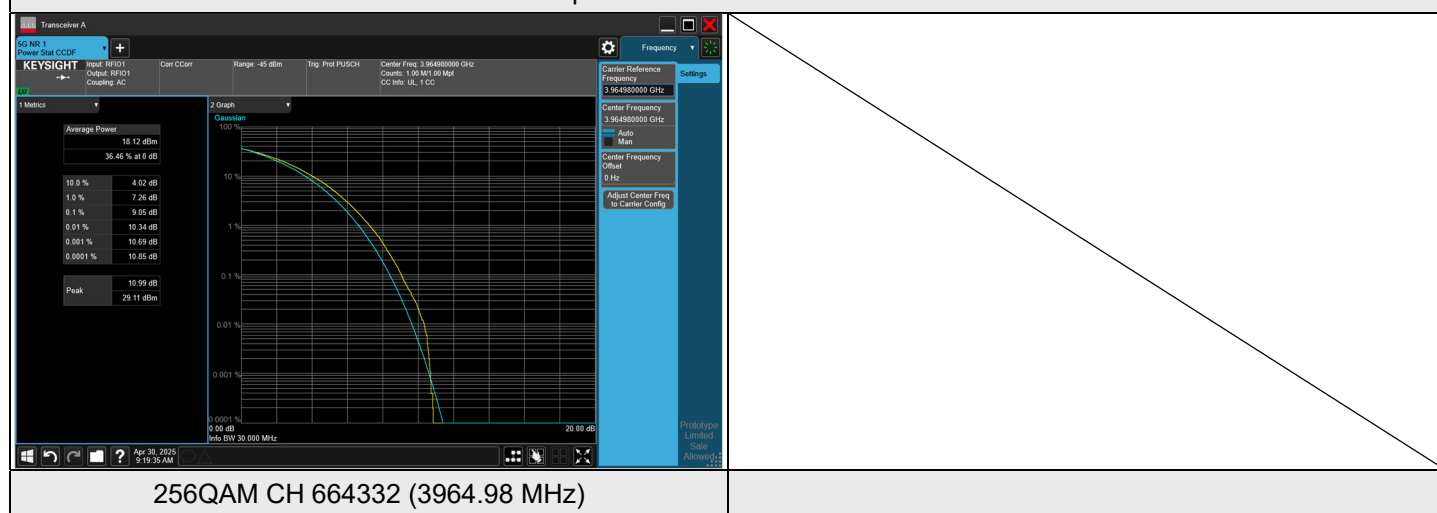
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 7, 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	8.04	7.31	7.53
	1	0	7.74	7.35	7.77
	78	0	7.80	7.58	7.44
16QAM	1	77	7.76	7.51	7.70
	1	0	7.49	7.41	7.61
	78	0	7.58	7.53	8.16
64QAM	1	77	7.98	7.74	7.77
	1	0	7.64	7.72	7.66
	78	0	7.90	7.80	8.14
256QAM	1	77	8.07	8.37	8.13
	1	0	8.39	8.46	8.65
	78	0	8.90	8.61	9.05

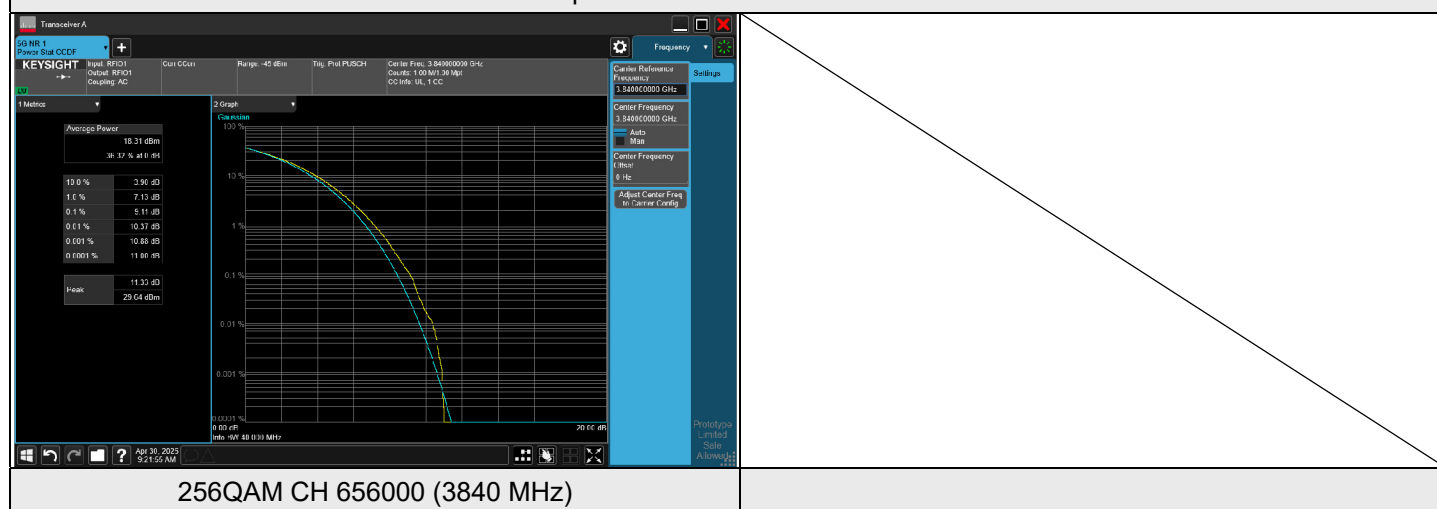
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 7, 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	77	8.14	6.91	7.68
	1	0	8.22	7.79	7.68
	78	0	7.34	7.28	7.76
16QAM	1	77	7.79	7.35	8.18
	1	0	7.76	7.59	7.64
	78	0	7.88	7.47	7.79
64QAM	1	77	8.11	7.25	7.56
	1	0	7.17	7.29	7.41
	78	0	7.47	8.06	7.67
256QAM	1	77	8.12	8.54	7.85
	1	0	8.76	8.09	8.41
	78	0	8.39	9.11	8.84

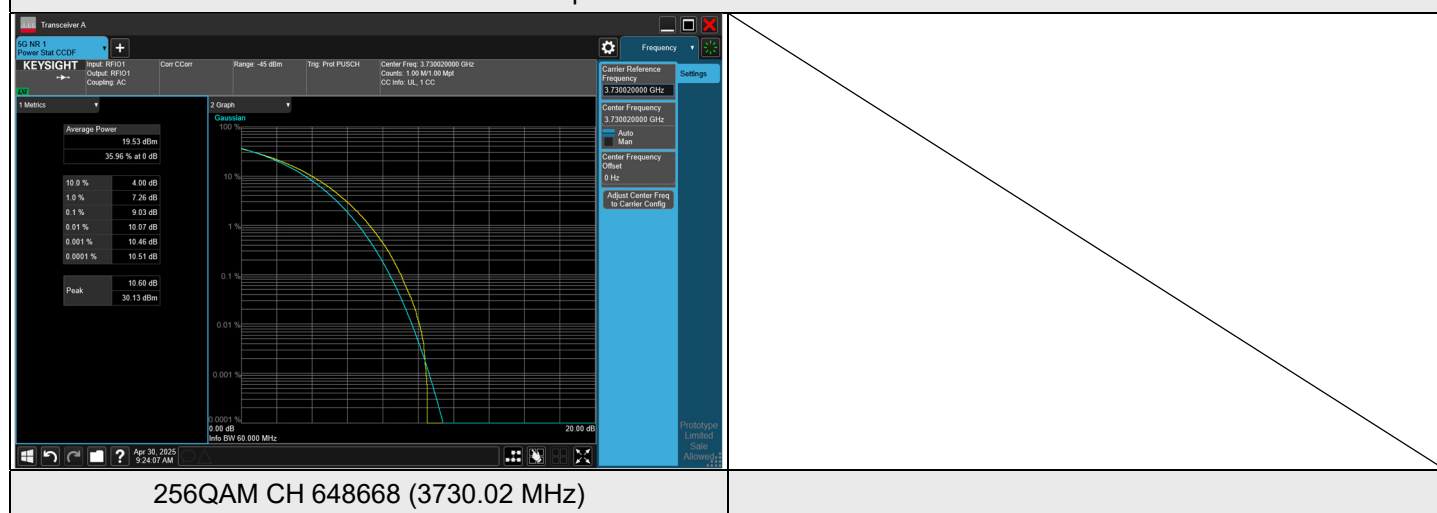
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 7, 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	7.81	7.95	7.98
	1	0	8.30	7.62	7.50
	162	0	8.20	7.63	7.36
16QAM	1	161	8.14	8.14	7.62
	1	0	7.23	8.01	7.69
	162	0	7.78	8.40	7.33
64QAM	1	161	7.71	7.89	8.13
	1	0	8.49	8.08	7.63
	162	0	8.04	7.97	7.54
256QAM	1	161	8.76	8.19	8.13
	1	0	8.53	8.34	8.00
	162	0	9.03	8.56	8.44

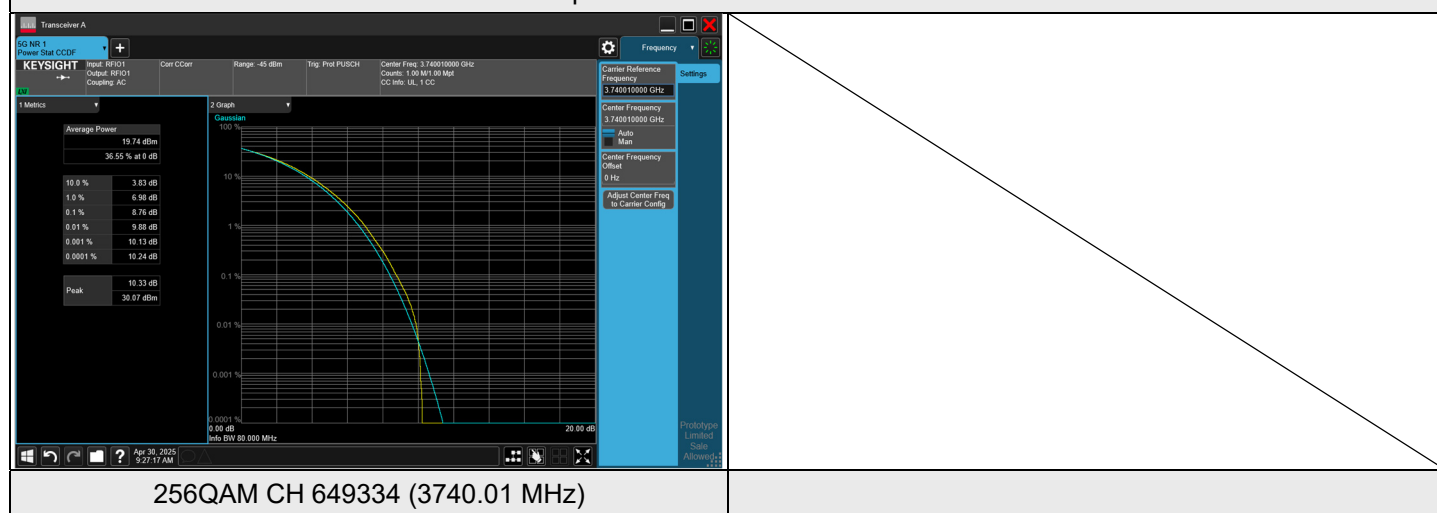
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 7, 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	7.91	7.69	7.48
	1	0	7.65	7.98	7.37
	217	0	7.59	7.55	7.54
16QAM	1	216	7.68	7.39	7.59
	1	0	7.63	7.70	7.50
	217	0	7.97	7.69	7.27
64QAM	1	216	7.80	7.65	7.80
	1	0	7.64	8.07	7.68
	217	0	7.85	8.32	8.01
256QAM	1	216	7.91	8.39	7.95
	1	0	8.32	8.60	8.18
	217	0	8.76	8.64	8.74

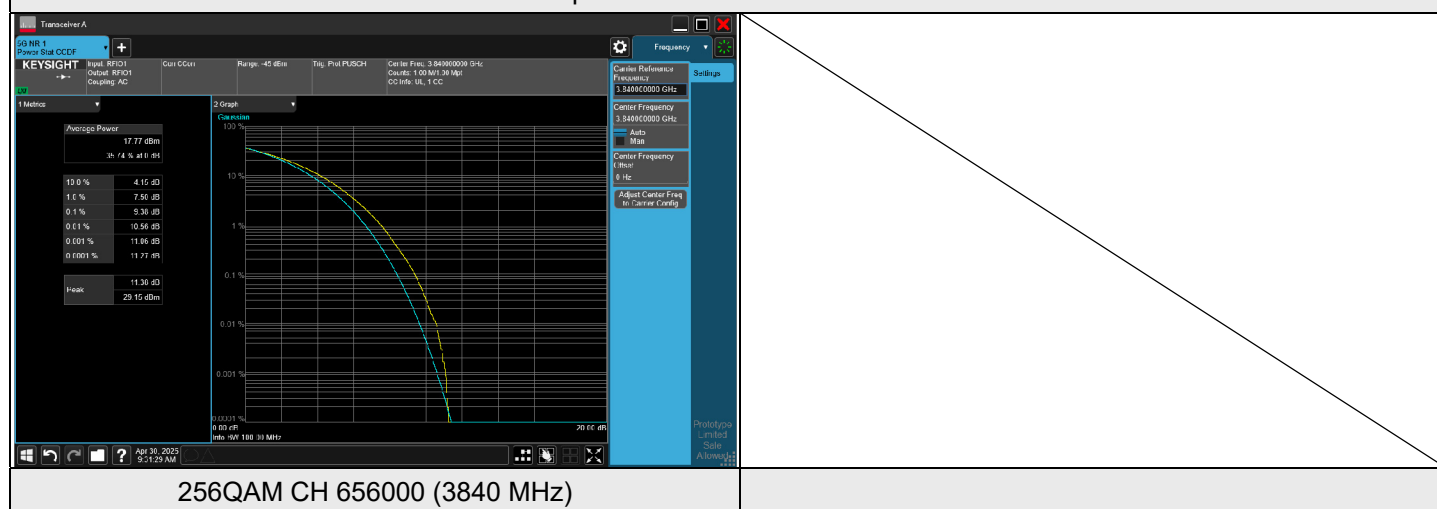
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant. 7, 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	216	7.57	7.8	7.45
	1	0	7.53	8.36	7.09
	217	0	7.44	7.32	7.12
16QAM	1	216	8.16	6.91	8.05
	1	0	7.63	7.35	7.19
	217	0	8.03	8.05	6.78
64QAM	1	216	7.46	7.24	8
	1	0	7.37	7.78	7.55
	217	0	7.53	8.72	8.38
256QAM	1	216	7.8	8.52	8.05
	1	0	8.54	8.68	8.68
	217	0	8.45	9.38	8.5

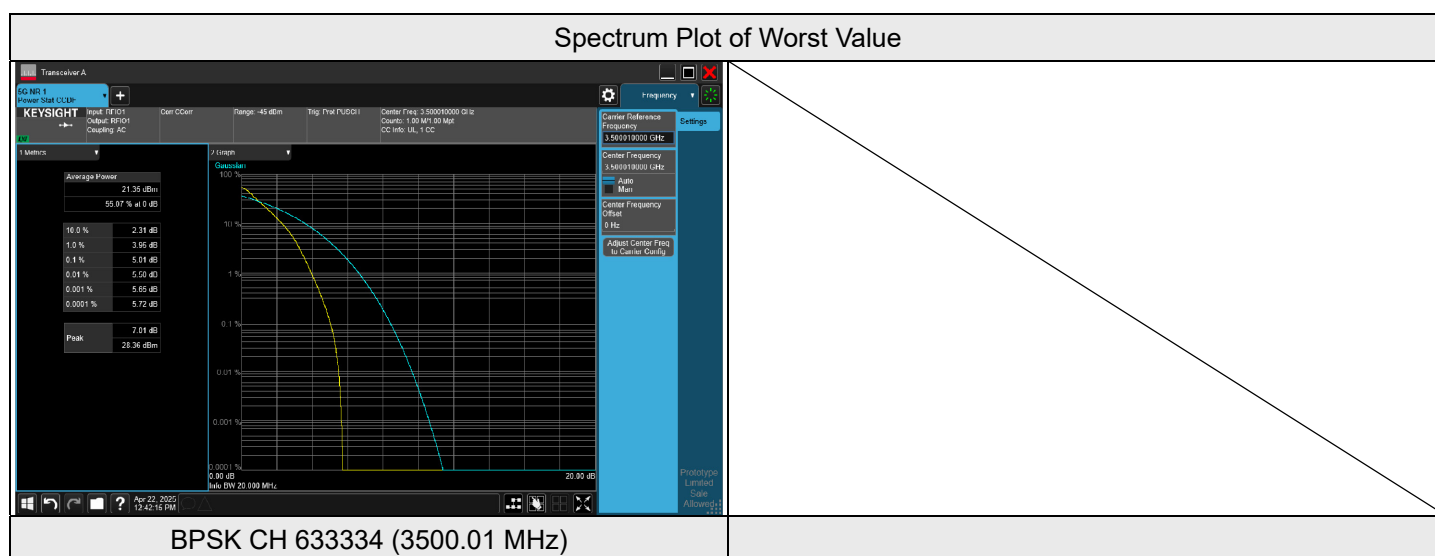
Spectrum Plot of Worst Value



7.3.18 NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) (SISO)

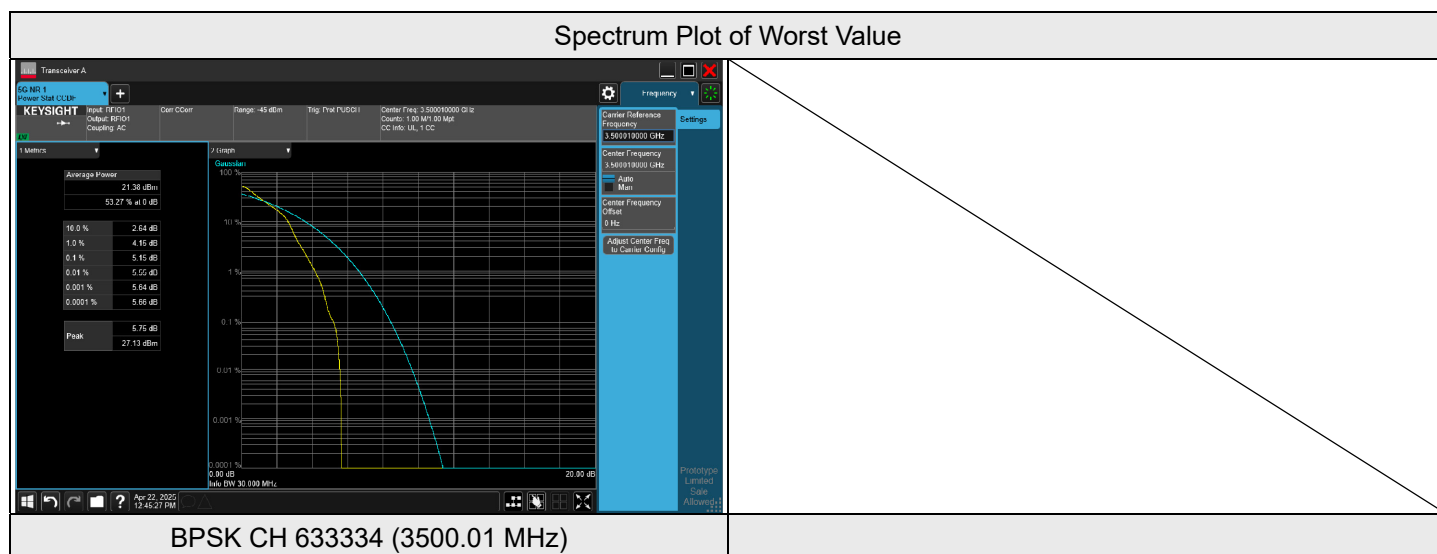
NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Ant. 4, Channel Bandwidth: 20 MHz

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	77	4.39	4.59	4.74
	1	0	4.42	4.53	4.58
	75	0	4.82	5.01	4.30



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Ant. 4, Channel Bandwidth: 30 MHz

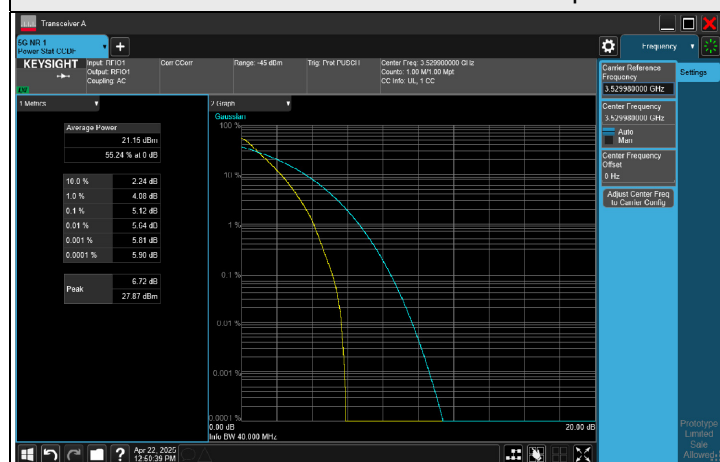
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 631000	CH 633334	CH 635666
			3465 MHz	3500.01 MHz	3534.99 MHz
BPSK	1	77	4.80	5.15	4.52
	1	0	4.59	4.68	4.93
	75	0	4.72	4.71	4.31



NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Ant. 4, 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	105	4.55	4.78	4.48
	1	0	4.84	4.61	5.04
	100	0	4.76	4.69	5.12

Spectrum Plot of Worst Value



BPSK CH 635332 (3529.98 MHz)

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Ant. 4, 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	132	4.23	4.55	4.77
	1	0	4.36	4.37	4.92
	128	0	4.85	5.01	4.67

