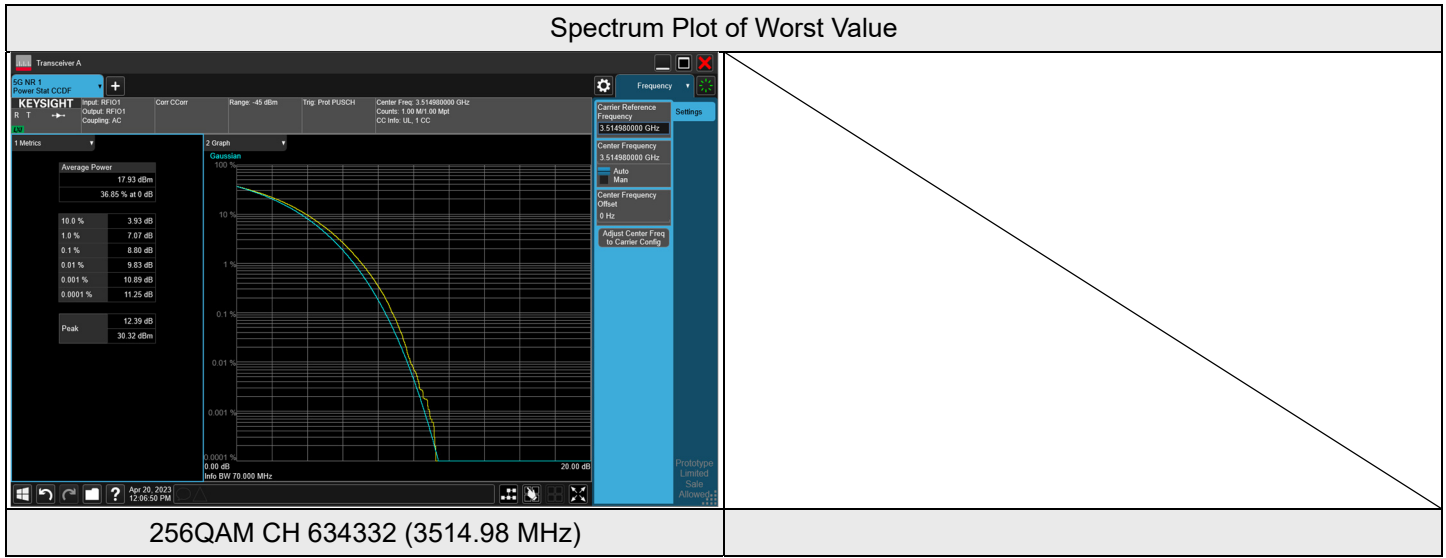


NR n77 (3450-3550 MHz) SCS 30 kHz, Channel Bandwidth: 70 MHz

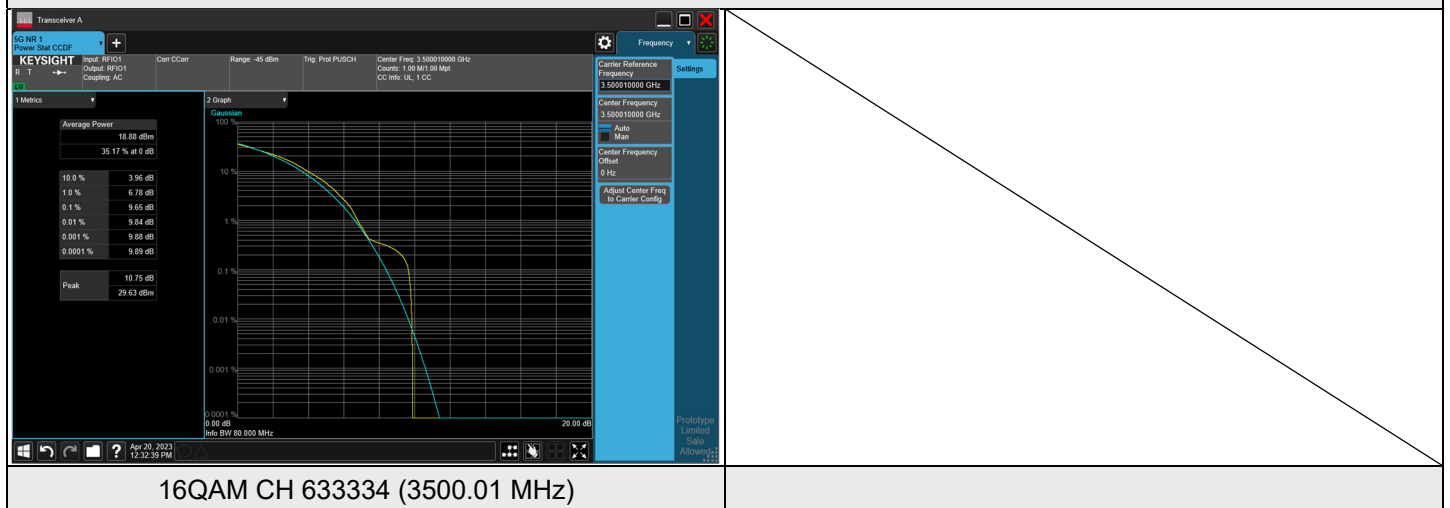
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 632334	CH 633334	CH 634332
			3485.01 MHz	3500.01 MHz	3514.98 MHz
BPSK	1	188	4.51	4.23	4.52
	1	0	4.55	4.55	4.32
	180	0	4.45	4.21	4.34
QPSK	1	188	7.68	8.21	7.66
	1	0	8.19	8.54	8.12
	189	0	8.46	8.44	8.16
16QAM	1	188	8.50	8.52	8.58
	1	0	8.36	8.27	8.58
	189	0	8.43	8.13	7.89
64QAM	1	188	7.60	7.59	7.63
	1	0	8.07	7.68	7.67
	189	0	8.05	8.29	8.30
256QAM	1	188	7.96	8.51	8.29
	1	0	8.32	8.31	8.37
	189	0	8.58	8.58	8.80



NR n77 (3450-3550 MHz) SCS 30 kHz, 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	216	4.21	4.77	4.21
	1	0	4.54	4.30	4.85
	216	0	4.83	4.54	4.58
QPSK	1	216	7.76	7.50	7.89
	1	0	7.64	8.10	8.07
	217	0	8.45	8.41	7.94
16QAM	1	216	8.22	8.57	8.24
	1	0	8.53	9.65	8.57
	217	0	8.17	7.93	7.94
64QAM	1	216	7.65	8.49	7.64
	1	0	8.16	8.17	7.88
	217	0	8.32	8.07	8.07
256QAM	1	216	7.82	8.35	7.63
	1	0	8.12	8.39	7.59
	217	0	8.81	8.31	8.27

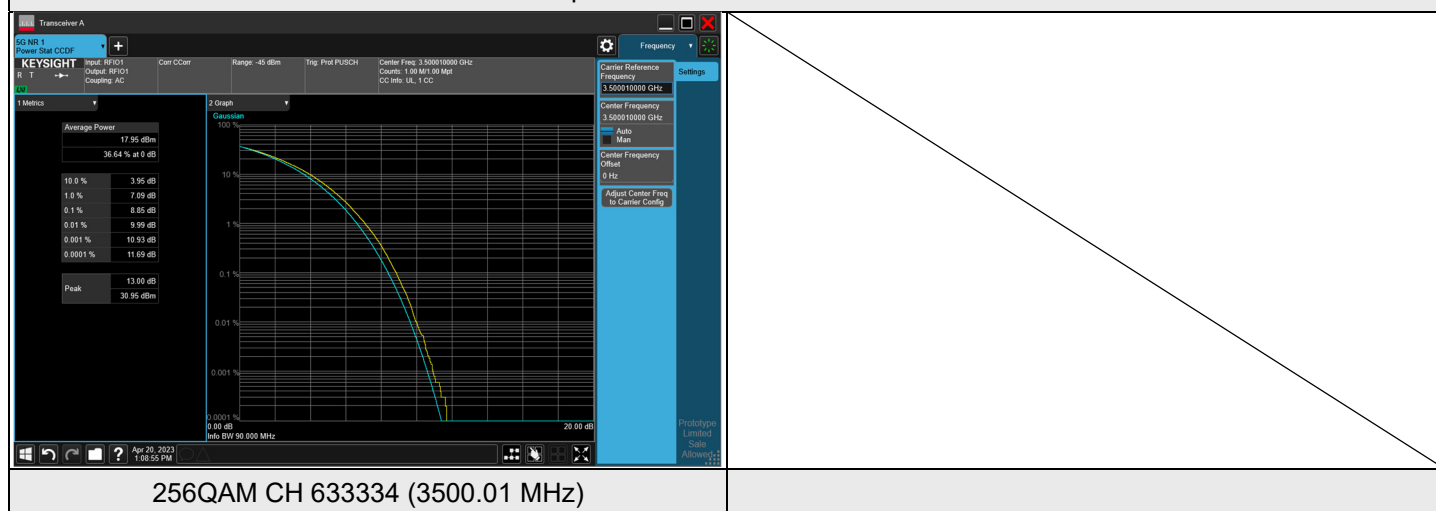
Spectrum Plot of Worst Value



**NR n77 (3450-3550 MHz) SCS 30 kHz, 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	244	4.83	4.53	4.33
	1	0	4.35	5.17	4.62
	243	0	4.63	4.12	4.45
QPSK	1	244	7.94	8.30	8.26
	1	0	8.05	8.46	8.29
	245	0	7.98	7.96	8.21
16QAM	1	244	7.92	8.47	8.55
	1	0	8.46	8.33	8.30
	245	0	8.26	8.48	7.98
64QAM	1	244	8.39	7.87	7.67
	1	0	7.70	7.63	8.41
	245	0	8.11	8.32	8.12
256QAM	1	244	7.81	7.78	8.05
	1	0	8.42	7.84	7.81
	245	0	8.62	8.85	8.36

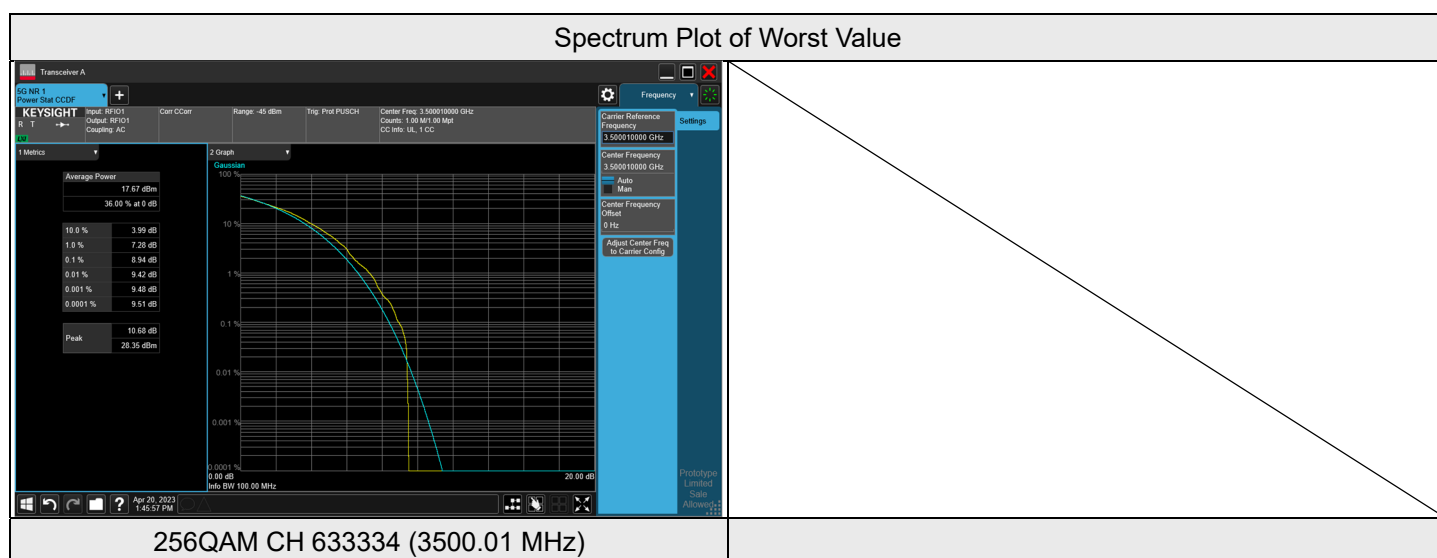
**Spectrum Plot of Worst Value**



**256QAM CH 633334 (3500.01 MHz)**

NR n77 (3450-3550 MHz) SCS 30 kHz, Channel Bandwidth: 100 MHz

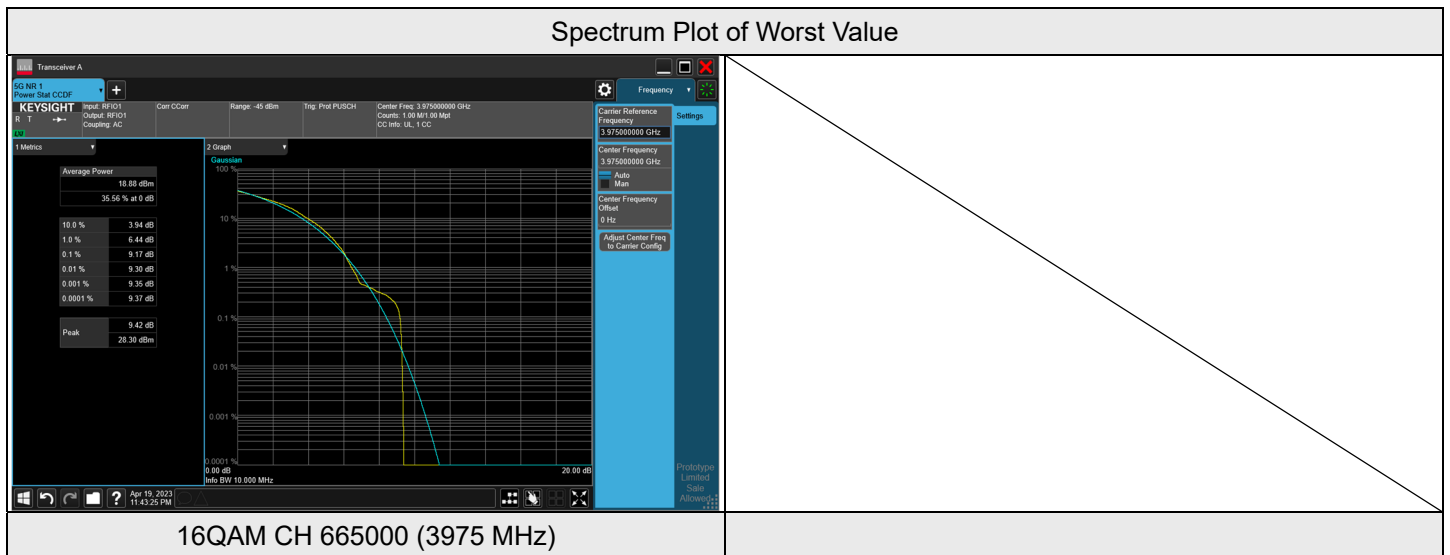
NR n77 SCS 30 kHz (3450-3550 MHz) 100M			
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)
			CH 633334
			3500.01 MHz
BPSK	1	272	4.52
QPSK	1	272	7.95
16QAM	1	272	8.38
64QAM	1	272	8.14
256QAM	1	272	8.94



7.3.3 NR n77 (3700-3980 MHz) SCS 30 kHz (Ant.: M1)

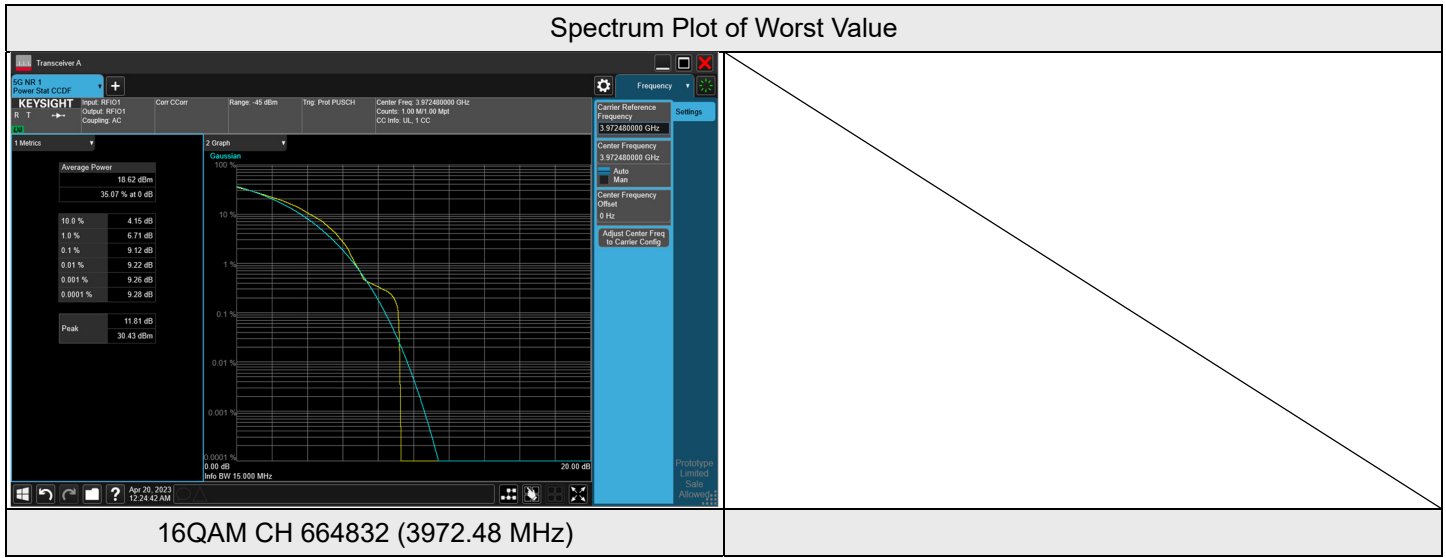
NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 10 MHz

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	4.41	4.53	4.20
	1	0	4.54	4.52	4.24
	24	0	4.44	4.34	4.34
QPSK	1	23	7.84	6.90	7.52
	1	0	8.38	7.54	8.05
	24	0	8.17	7.91	8.07
16QAM	1	23	8.80	8.55	8.88
	1	0	8.66	8.21	9.17
	24	0	8.28	8.22	8.07
64QAM	1	23	7.97	7.58	8.10
	1	0	8.05	7.58	7.66
	24	0	8.04	8.39	8.36
256QAM	1	23	8.48	8.39	8.14
	1	0	8.51	8.35	8.20
	24	0	8.64	8.36	8.30



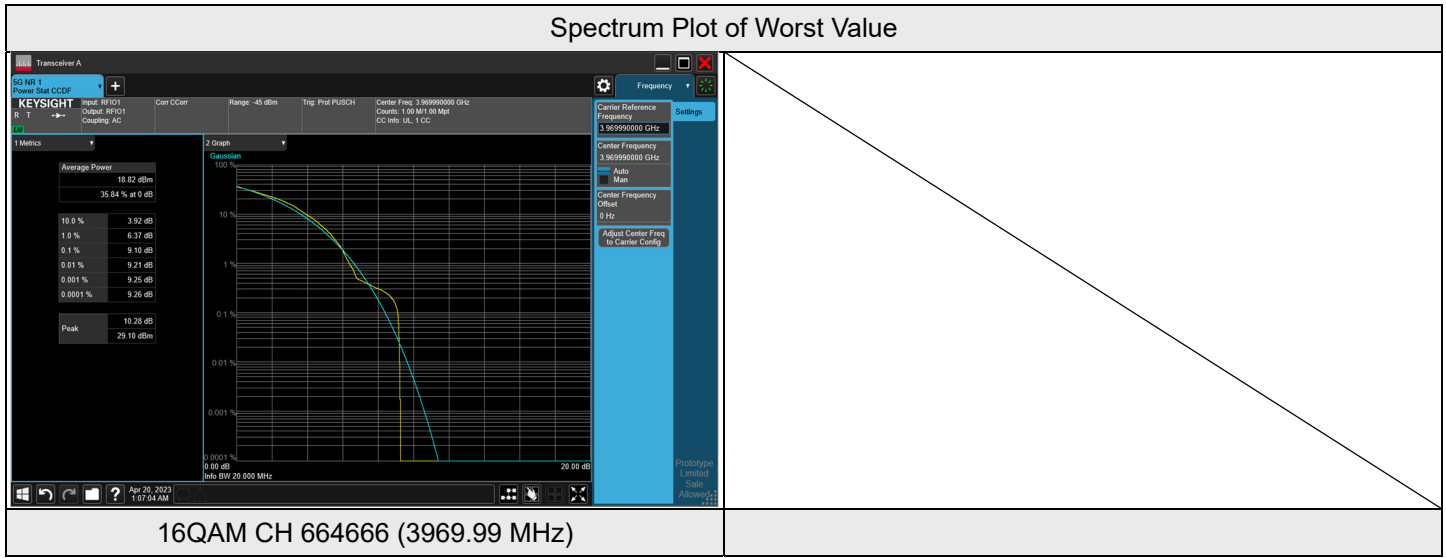
NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 15 MHz

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	4.56	4.38	4.29
	1	0	4.47	4.39	4.21
	36	0	4.72	4.42	4.53
QPSK	1	37	7.82	7.03	7.67
	1	0	8.45	7.42	8.00
	38	0	8.39	8.38	8.18
16QAM	1	37	8.20	8.37	9.12
	1	0	7.83	8.21	9.09
	38	0	8.33	8.21	8.04
64QAM	1	37	8.26	8.50	7.92
	1	0	7.82	7.83	7.42
	38	0	8.52	8.39	8.19
256QAM	1	37	8.53	8.46	8.28
	1	0	8.62	8.39	8.11
	38	0	8.51	8.57	8.16



NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 20 MHz

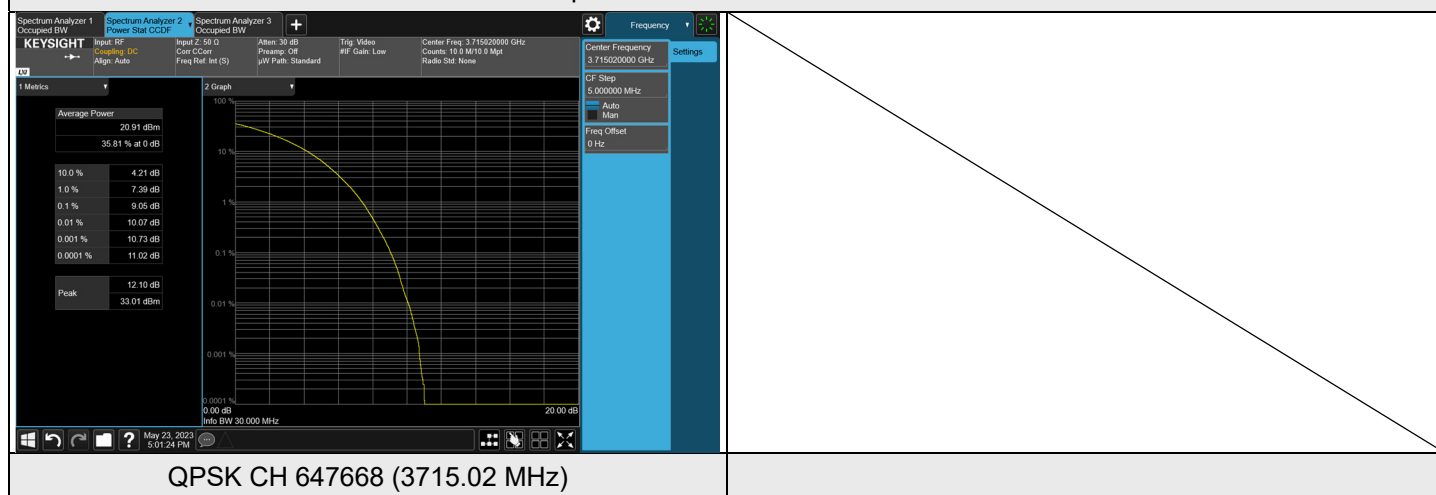
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647334	CH 656000	CH 664666
			3710.01 MHz	3840 MHz	3969.99 MHz
BPSK	1	50	4.41	4.42	4.25
	1	0	4.51	4.31	4.23
	50	0	4.42	4.42	4.39
QPSK	1	50	7.87	7.37	7.42
	1	0	7.95	7.91	7.09
	51	0	8.32	8.19	8.01
16QAM	1	50	8.02	8.13	8.65
	1	0	7.93	8.41	9.10
	51	0	8.33	8.30	8.25
64QAM	1	50	7.86	7.72	7.80
	1	0	7.89	7.79	7.57
	51	0	8.38	8.38	8.23
256QAM	1	50	8.54	8.21	8.26
	1	0	8.51	8.29	8.14
	51	0	8.78	8.77	8.48



NR n77 (3700-3980 MHz) SCS 30 kHz, 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	50	4.05	3.56	4.08
	1	0	4.16	3.59	4.01
	50	0	4.37	3.91	4.31
QPSK	1	50	8.53	7.91	8
	1	0	8.53	7.81	8.06
	51	0	9.05	8.33	8.49
16QAM	1	50	8.01	7.83	8.16
	1	0	8.06	7.83	8.2
	51	0	8.61	8.33	8.72
64QAM	1	50	8.21	7.92	8.19
	1	0	8.16	8.07	8.31
	51	0	8.69	8.47	8.73
256QAM	1	50	8.34	8.1	8.04
	1	0	8.3	8.08	8.07
	51	0	8.86	8.63	8.72

Spectrum Plot of Worst Value



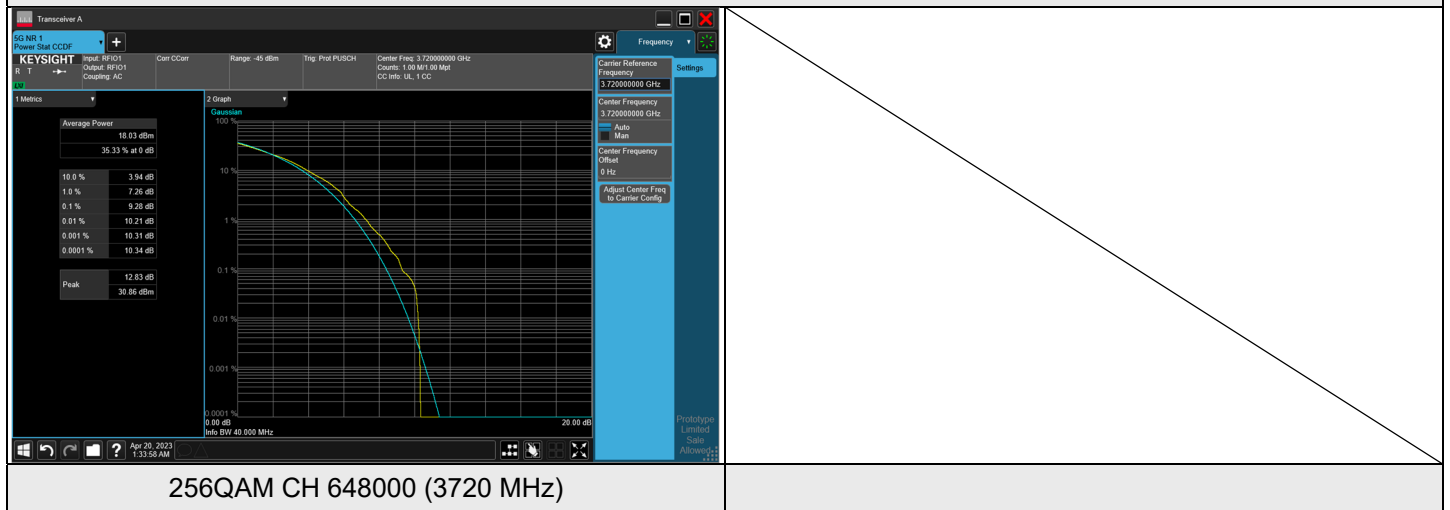




NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 40 MHz

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	4.30	4.30	4.24
	1	0	4.58	4.45	4.74
	100	0	4.55	4.75	4.22
QPSK	1	105	7.84	7.56	7.69
	1	0	7.27	7.68	7.84
	106	0	8.21	8.34	8.05
16QAM	1	105	9.20	8.70	8.23
	1	0	8.87	8.63	7.99
	106	0	8.28	8.09	7.92
64QAM	1	105	7.80	7.82	7.70
	1	0	7.78	7.74	7.56
	106	0	8.33	8.36	8.07
256QAM	1	105	9.28	7.59	8.29
	1	0	8.35	8.42	8.16
	106	0	8.56	8.67	8.38

Spectrum Plot of Worst Value

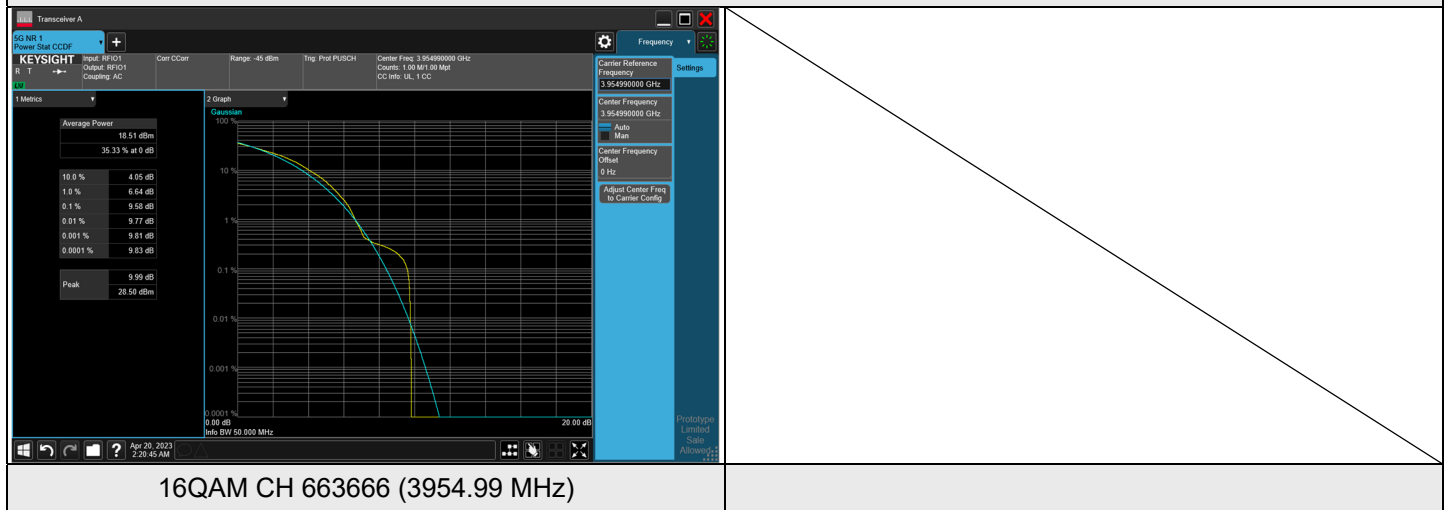




NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 50 MHz

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	4.57	4.47	4.10
	1	0	4.58	4.48	4.26
	128	0	4.80	5.16	4.60
QPSK	1	132	8.04	7.78	7.47
	1	0	8.24	8.07	7.76
	133	0	8.37	8.42	8.10
16QAM	1	132	8.50	8.61	9.50
	1	0	8.17	8.21	9.58
	133	0	8.39	8.51	8.14
64QAM	1	132	7.93	7.85	8.05
	1	0	7.87	7.74	7.65
	133	0	8.60	8.39	8.38
256QAM	1	132	8.86	8.30	8.02
	1	0	8.33	8.35	8.30
	133	0	8.81	8.25	8.20

Spectrum Plot of Worst Value

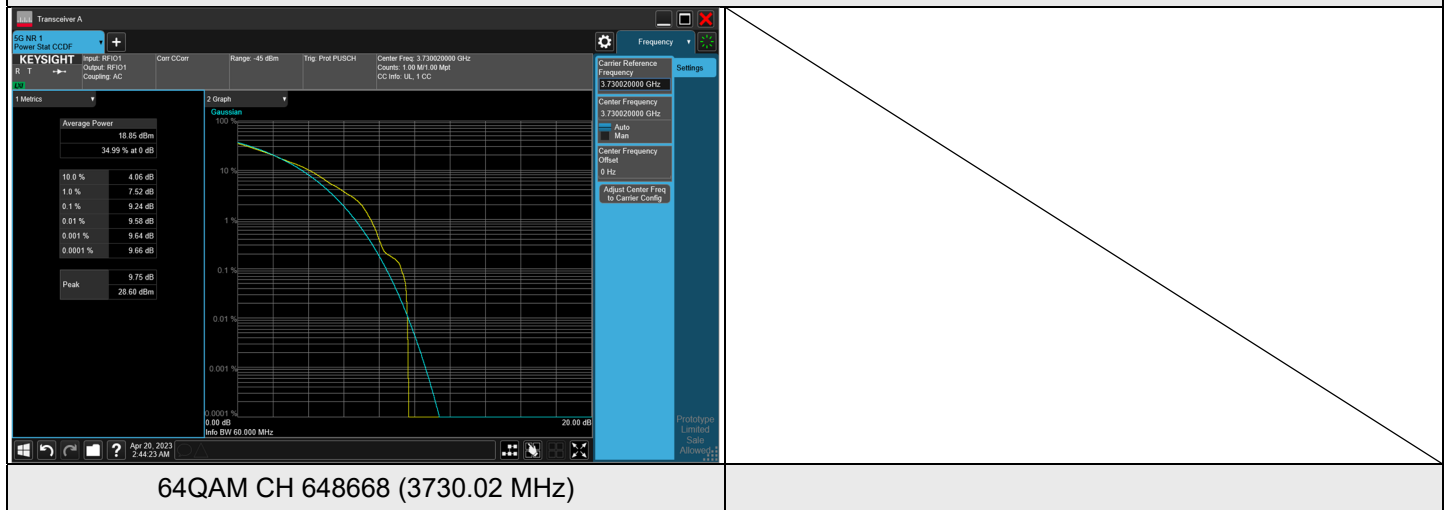




NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 60 MHz

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	4.32	4.40	4.12
	1	0	4.37	5.12	4.76
	162	0	4.21	4.64	4.46
QPSK	1	161	7.52	7.64	7.21
	1	0	8.63	7.66	7.12
	162	0	8.39	8.57	7.77
16QAM	1	161	8.06	7.62	8.21
	1	0	8.60	8.50	8.43
	162	0	8.21	8.15	8.24
64QAM	1	161	9.24	7.96	8.18
	1	0	7.96	7.79	7.69
	162	0	8.50	8.36	8.22
256QAM	1	161	8.15	8.45	8.06
	1	0	8.08	8.54	8.10
	162	0	8.90	8.21	8.04

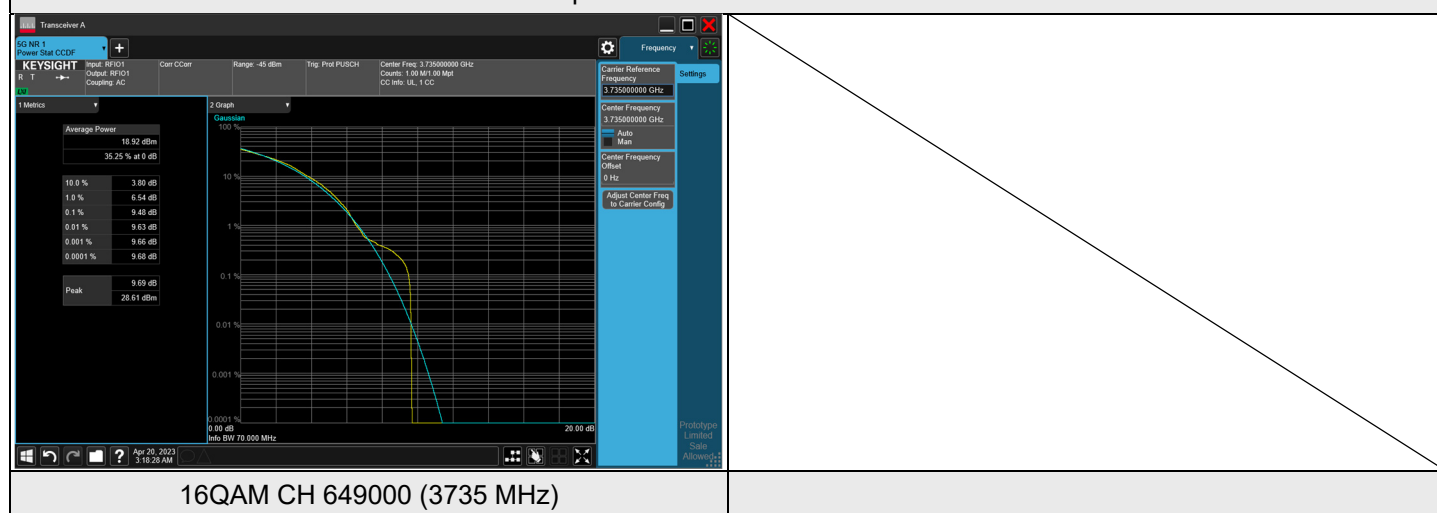
Spectrum Plot of Worst Value



NR n77 (3700-3980 MHz) SCS 30 kHz, 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	188	4.85	4.13	4.38
	1	0	5.20	4.55	4.16
	180	0	4.90	4.53	4.61
QPSK	1	188	8.08	7.54	7.57
	1	0	8.75	8.09	8.38
	189	0	9.29	8.39	8.05
16QAM	1	188	9.46	8.74	8.24
	1	0	9.48	8.59	8.74
	189	0	8.19	8.34	8.22
64QAM	1	188	8.30	7.97	7.73
	1	0	8.27	8.11	7.70
	189	0	8.30	8.17	8.06
256QAM	1	188	8.60	8.11	8.04
	1	0	8.68	8.57	8.38
	189	0	8.72	8.34	8.14

Spectrum Plot of Worst Value

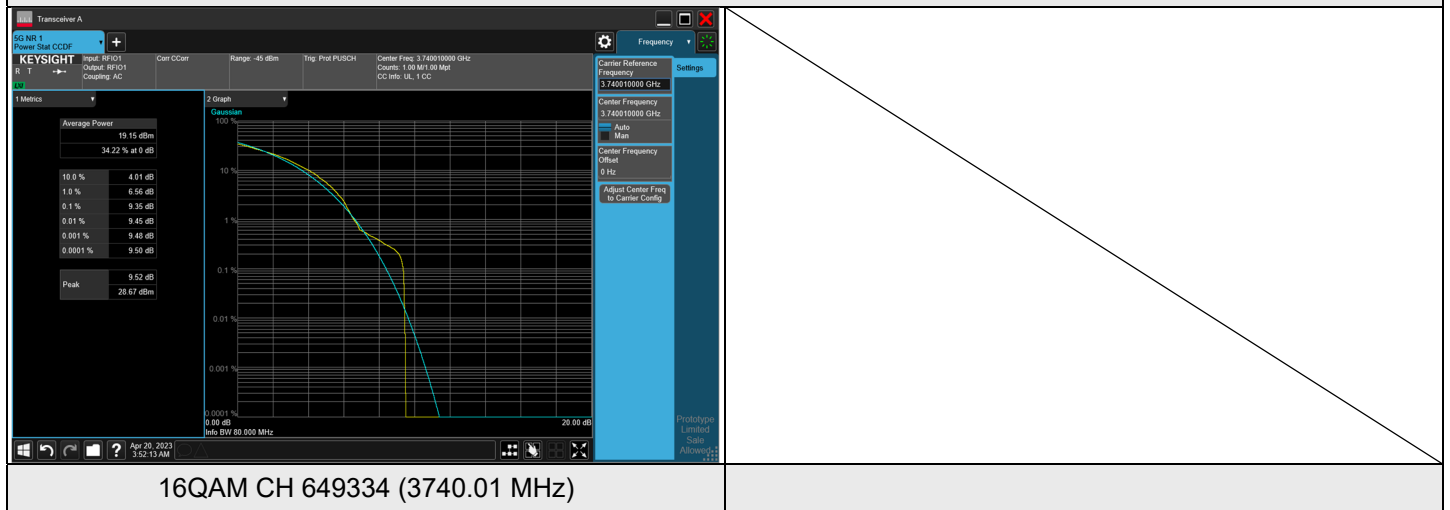




NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 80 MHz

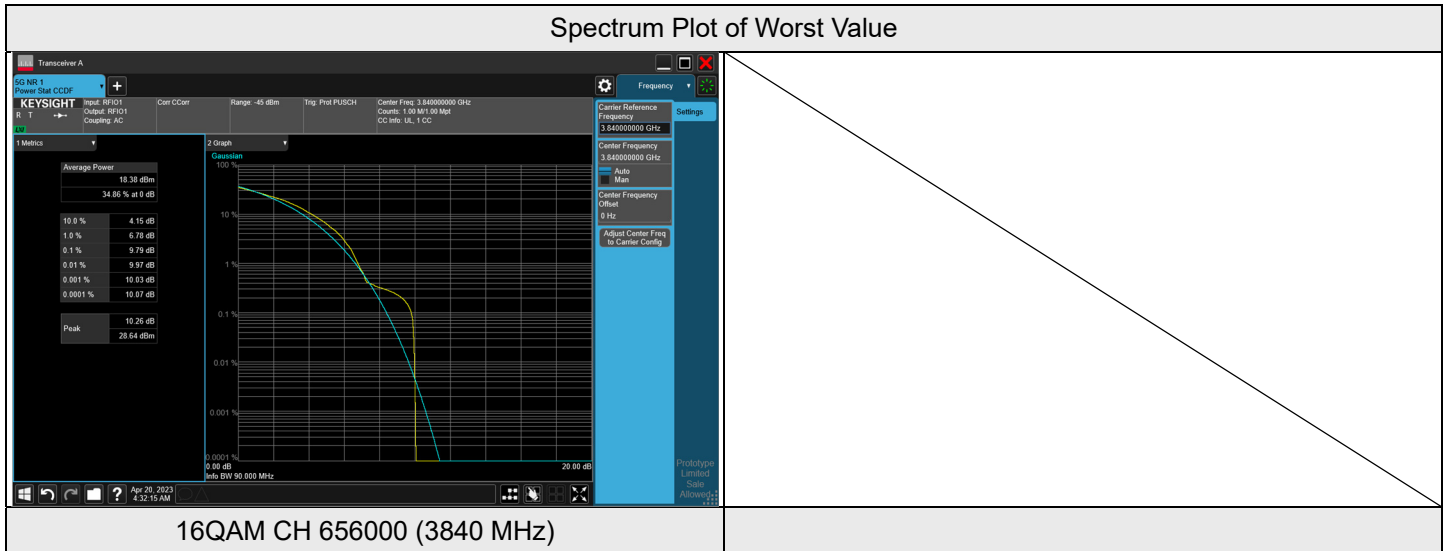
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 649334	CH 656000	CH 662666
			3740.01 MHz	3840 MHz	3939.99 MHz
BPSK	1	216	4.28	4.36	4.05
	1	0	4.59	4.54	4.20
	216	0	4.76	4.71	4.77
QPSK	1	216	8.17	7.78	7.60
	1	0	7.27	8.36	7.80
	217	0	8.48	8.37	8.29
16QAM	1	216	9.35	8.12	7.73
	1	0	8.43	8.04	7.65
	217	0	8.48	8.38	8.52
64QAM	1	216	7.72	7.70	7.94
	1	0	7.69	7.62	7.46
	217	0	8.56	8.40	8.38
256QAM	1	216	8.46	7.93	9.03
	1	0	8.42	8.51	8.09
	217	0	8.49	8.55	8.16

Spectrum Plot of Worst Value



NR n77 (3700-3980 MHz) SCS 30 kHz, 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	244	4.57	4.08	4.34
	1	0	4.64	4.58	4.67
	243	0	4.50	4.22	4.46
QPSK	1	244	7.84	7.47	7.77
	1	0	7.95	8.51	7.78
	245	0	8.47	8.19	8.31
16QAM	1	244	8.23	9.79	7.78
	1	0	7.83	9.57	7.87
	245	0	8.33	8.24	8.63
64QAM	1	244	8.01	7.72	8.22
	1	0	7.98	7.97	7.41
	245	0	8.33	8.46	8.40
256QAM	1	244	8.61	7.77	7.65
	1	0	8.56	8.37	7.51
	245	0	8.74	8.58	8.43

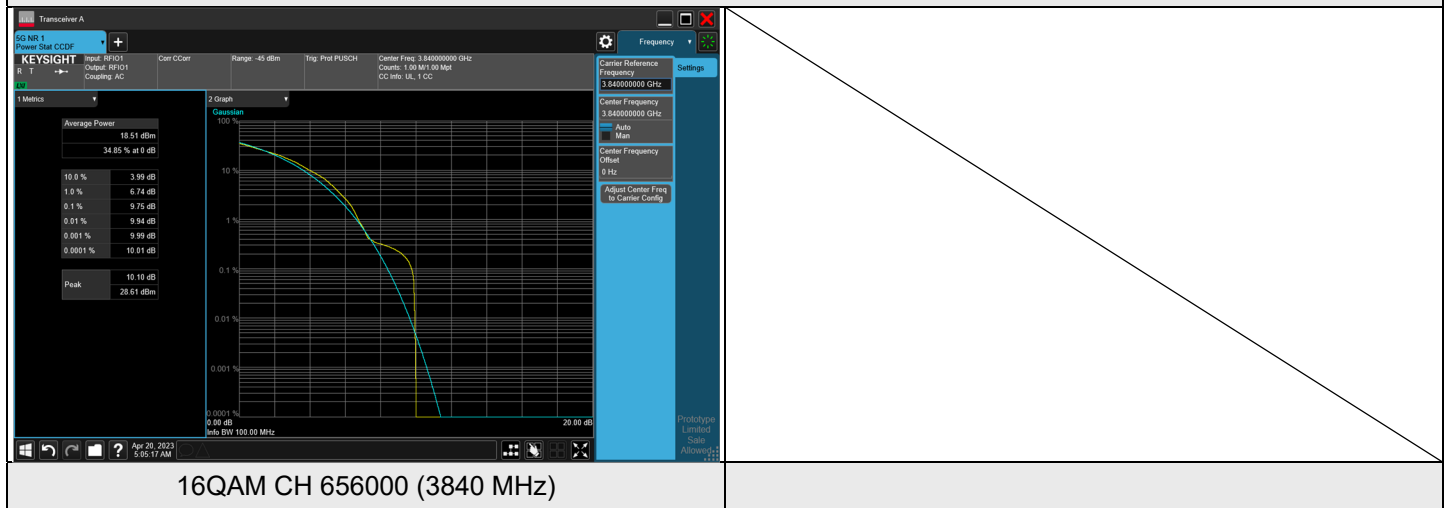




NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 100 MHz

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	4.60	4.36	4.03
	1	0	4.36	4.43	4.37
	270	0	5.42	5.40	4.81
QPSK	1	272	7.91	7.39	7.93
	1	0	7.82	7.72	7.92
	273	0	8.43	8.13	8.02
16QAM	1	272	7.80	9.69	8.43
	1	0	8.13	9.75	8.14
	273	0	8.46	8.89	8.31
64QAM	1	272	7.76	7.63	7.42
	1	0	8.23	8.13	7.41
	273	0	8.64	8.27	8.17
256QAM	1	272	8.02	8.33	7.59
	1	0	8.29	9.01	7.57
	273	0	8.44	8.52	8.50

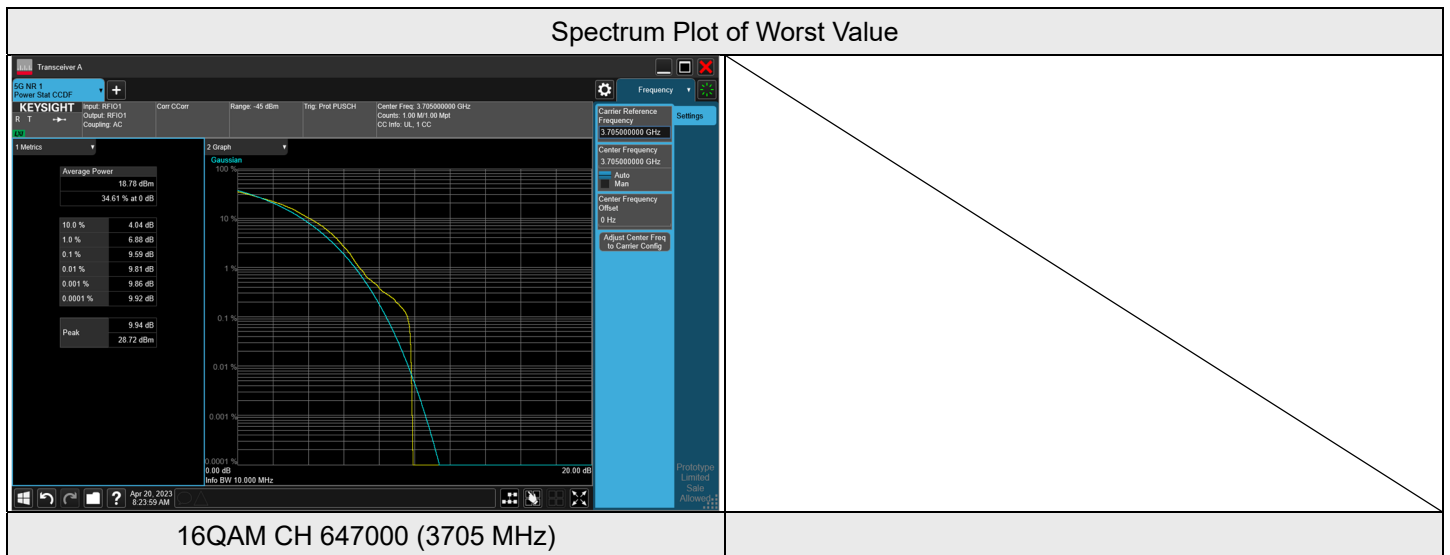
Spectrum Plot of Worst Value



7.3.4 NR n77 (3700-3980 MHz) SCS 30 kHz (Ant.: M2)

NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 10 MHz

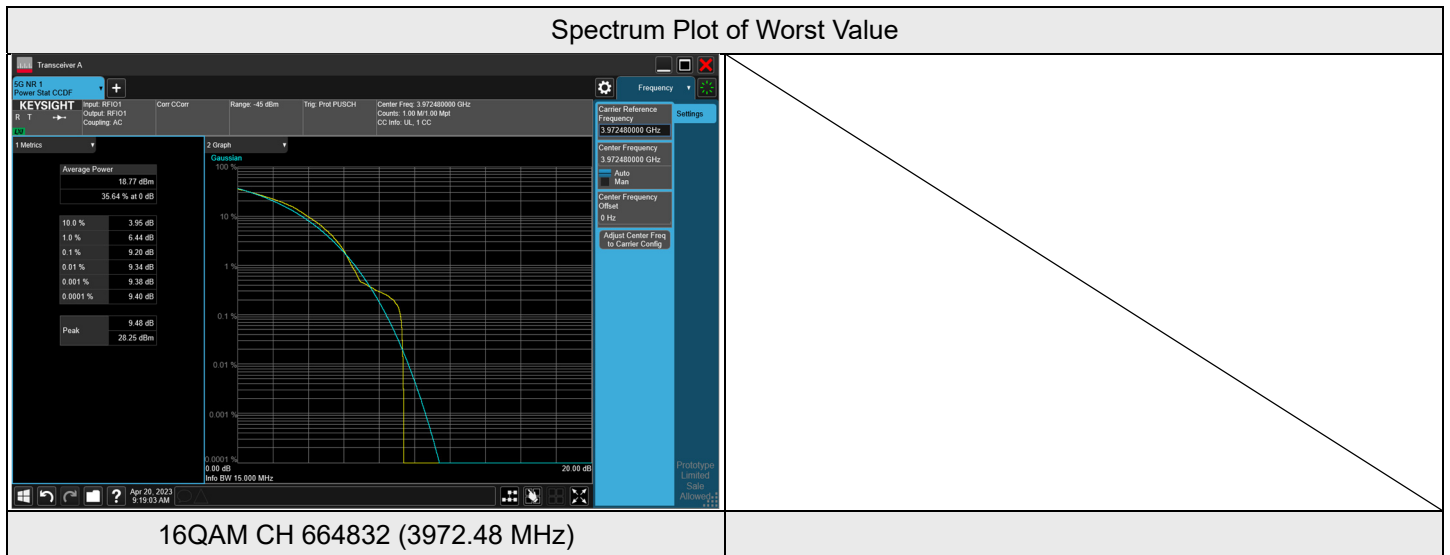
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647000	CH 656000	CH 665000
			3705 MHz	3840 MHz	3975 MHz
BPSK	1	23	4.44	4.39	4.26
	1	0	4.71	4.53	4.22
	24	0	4.43	4.43	4.35
QPSK	1	23	7.85	7.61	7.65
	1	0	8.38	8.05	8.04
	24	0	8.09	8.19	8.19
16QAM	1	23	8.51	8.42	8.17
	1	0	9.59	8.35	8.20
	24	0	8.08	8.09	7.99
64QAM	1	23	8.35	7.91	7.62
	1	0	8.27	7.90	7.80
	24	0	8.25	8.49	8.46
256QAM	1	23	8.61	8.07	8.13
	1	0	8.74	8.11	8.16
	24	0	8.57	8.37	8.04





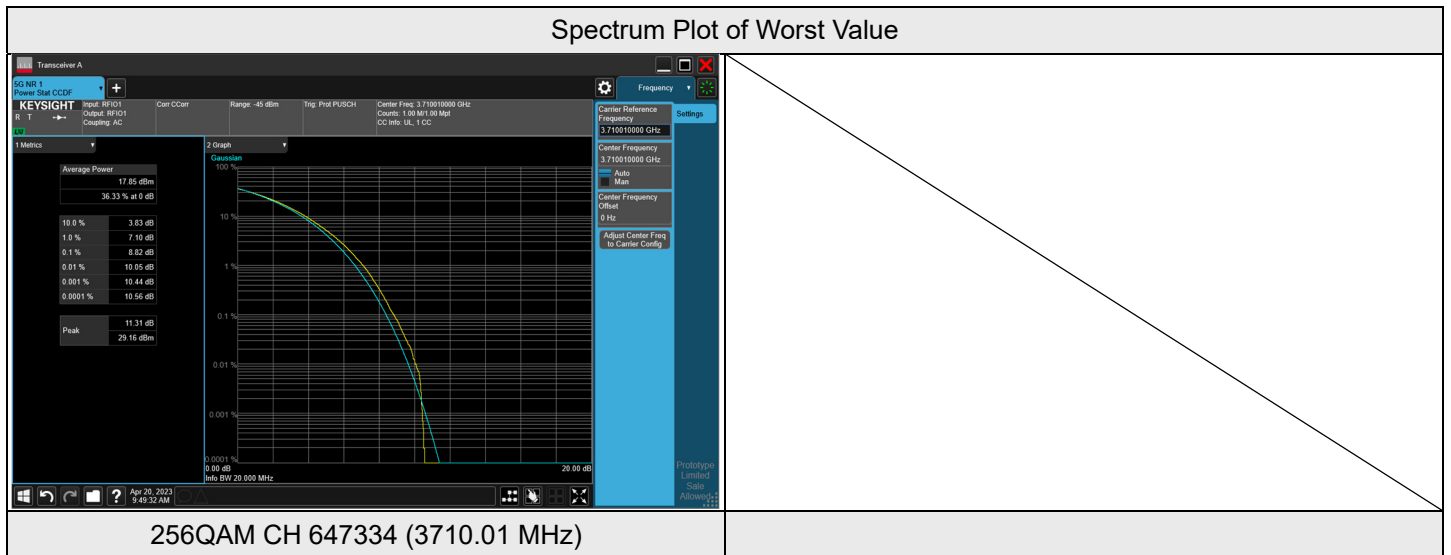
NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 15 MHz

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	4.54	4.32	4.45
	1	0	4.55	4.44	4.14
	36	0	4.52	4.52	4.55
QPSK	1	37	7.24	7.00	7.60
	1	0	8.39	7.30	7.63
	38	0	8.44	8.37	8.15
16QAM	1	37	8.49	8.27	8.82
	1	0	8.59	8.43	9.20
	38	0	8.19	8.22	7.96
64QAM	1	37	8.19	8.32	8.09
	1	0	7.83	7.70	7.34
	38	0	8.31	8.34	8.22
256QAM	1	37	8.64	8.33	8.35
	1	0	8.39	8.37	8.09
	38	0	8.37	8.28	8.11



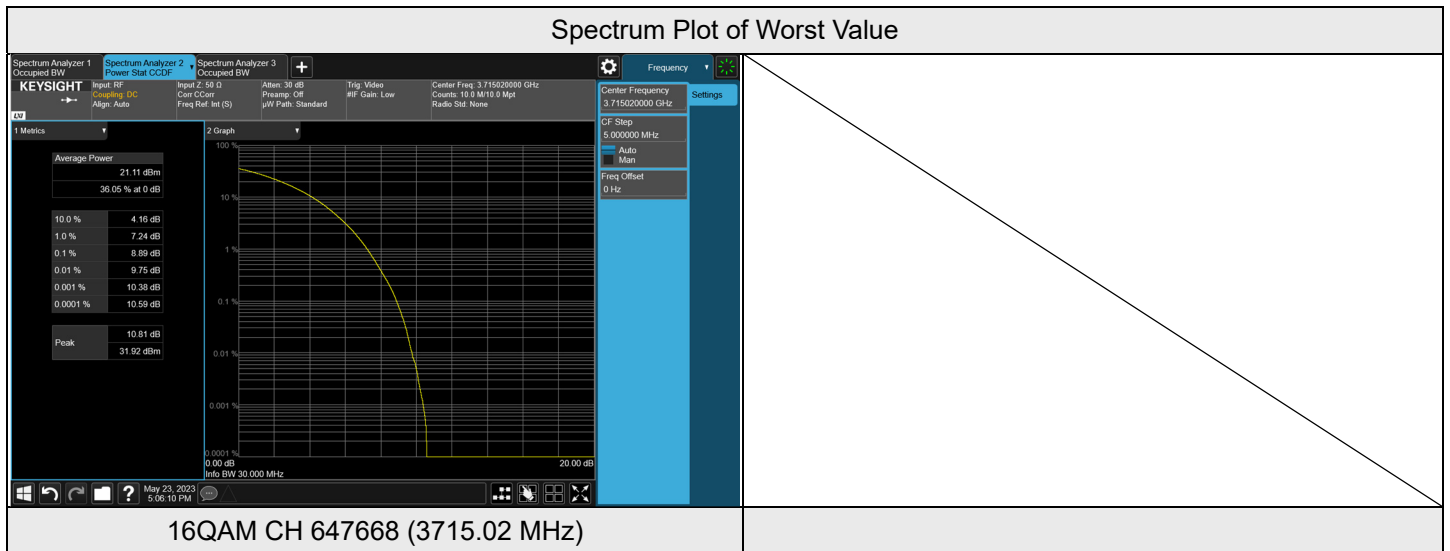
NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 20 MHz

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	4.57	4.49	4.16
	1	0	4.47	4.55	4.24
	50	0	4.57	4.31	4.27
QPSK	1	50	7.83	7.51	7.09
	1	0	7.85	7.85	7.07
	51	0	8.44	8.40	7.91
16QAM	1	50	7.92	7.90	7.94
	1	0	8.06	8.22	8.21
	51	0	8.38	8.19	8.08
64QAM	1	50	8.01	7.79	7.58
	1	0	7.85	7.80	7.57
	51	0	8.35	8.40	8.10
256QAM	1	50	8.40	8.42	8.40
	1	0	8.57	8.36	8.35
	51	0	8.82	8.60	8.30



NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 30 MHz

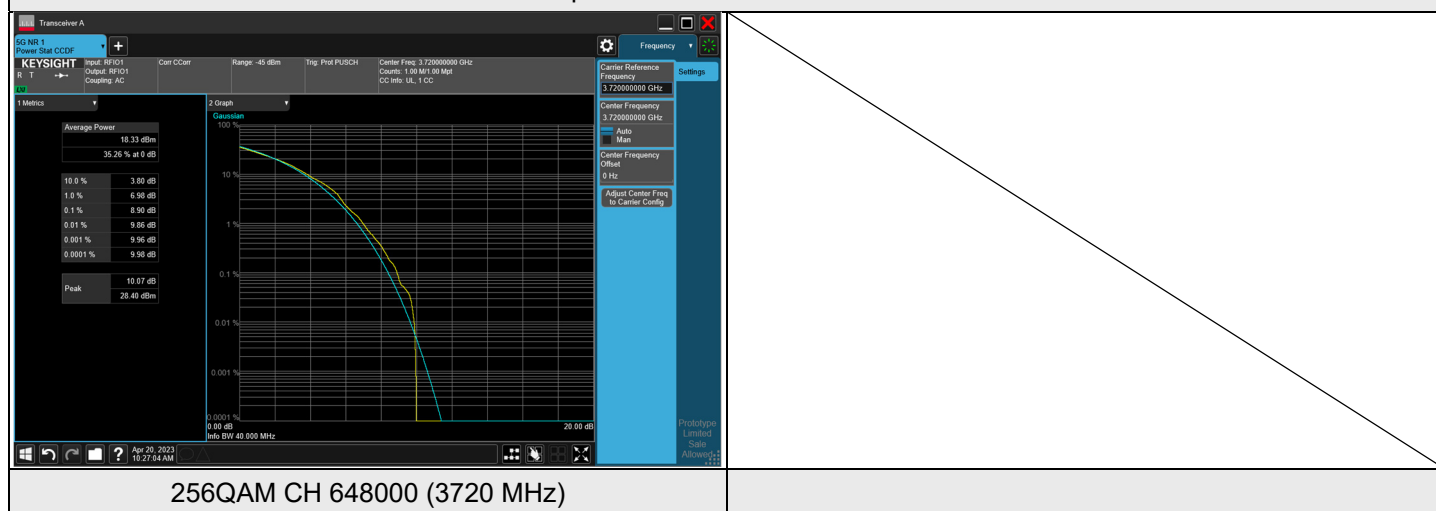
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 647668	CH 656000	CH 664332
			3715.02 MHz	3840 MHz	3964.98 MHz
BPSK	1	50	4.33	3.56	3.87
	1	0	4.2	3.68	3.71
	50	0	4.53	3.92	4.08
QPSK	1	50	8.19	7.84	8.06
	1	0	8.28	7.79	8.03
	51	0	8.79	8.31	8.60
16QAM	1	50	8.41	8.14	8.04
	1	0	8.37	8.13	8.09
	51	0	8.89	8.57	8.60
64QAM	1	50	8.19	7.85	8.15
	1	0	8.21	8.01	8.05
	51	0	8.73	8.41	8.60
256QAM	1	50	8.36	7.88	7.81
	1	0	8.19	7.97	7.8
	51	0	8.88	8.58	8.50



NR n77 (3700-3980 MHz) SCS 30 kHz, 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	4.45	4.25	4.38
	1	0	4.44	4.35	4.18
	100	0	4.53	4.32	4.35
QPSK	1	105	7.94	7.96	7.42
	1	0	7.41	8.14	7.84
	106	0	8.34	8.35	8.20
16QAM	1	105	7.91	8.69	8.24
	1	0	8.42	8.34	8.42
	106	0	8.11	8.55	8.03
64QAM	1	105	7.98	7.67	7.56
	1	0	7.78	7.85	7.57
	106	0	8.34	8.31	8.20
256QAM	1	105	8.90	7.98	8.25
	1	0	8.51	8.20	7.73
	106	0	8.76	8.81	8.14

Spectrum Plot of Worst Value

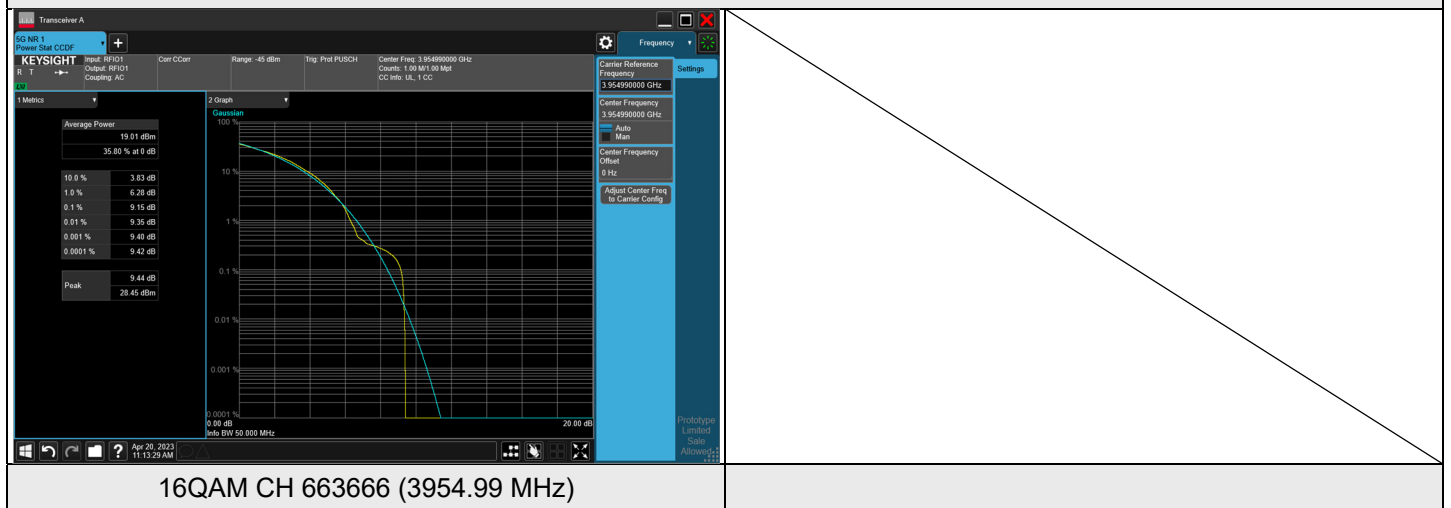


256QAM CH 648000 (3720 MHz)

NR n77 (3700-3980 MHz) SCS 30 kHz, 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	4.58	4.17	4.08
	1	0	4.56	4.36	4.19
	128	0	4.79	4.56	4.60
QPSK	1	132	8.06	7.75	7.73
	1	0	7.92	8.09	7.49
	133	0	8.62	8.13	8.30
16QAM	1	132	8.48	8.40	9.10
	1	0	8.19	8.74	9.15
	133	0	8.16	8.44	8.42
64QAM	1	132	7.92	8.13	7.69
	1	0	7.63	7.74	7.91
	133	0	8.58	8.40	8.39
256QAM	1	132	8.39	8.59	8.15
	1	0	8.47	8.35	8.45
	133	0	8.51	8.52	8.35

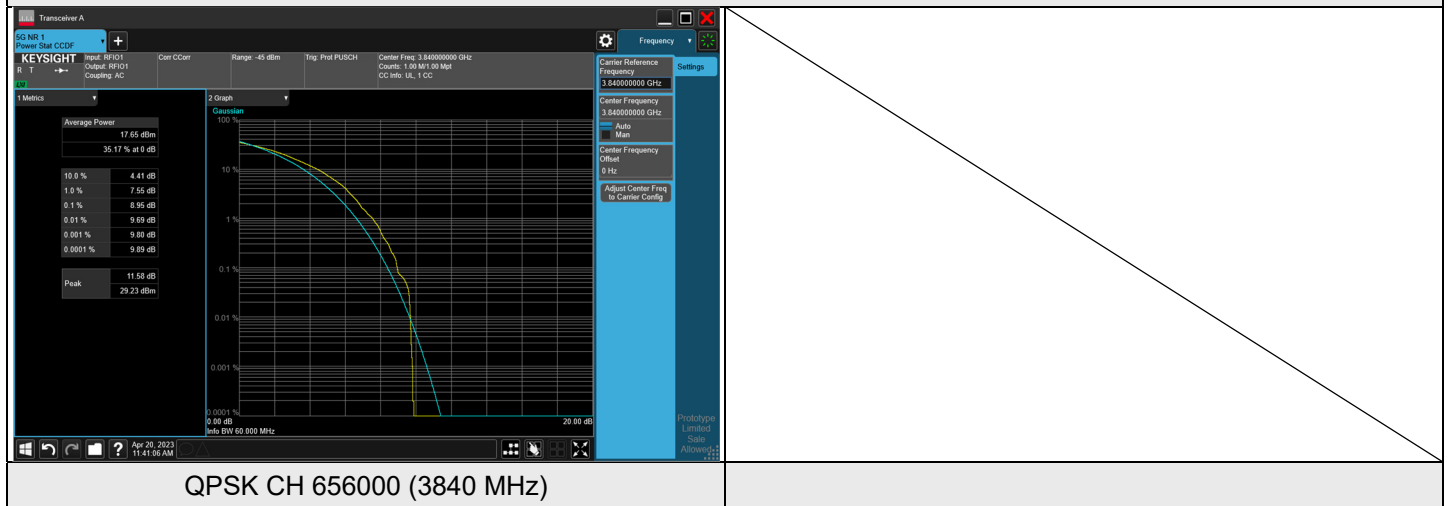
Spectrum Plot of Worst Value



NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 60 MHz

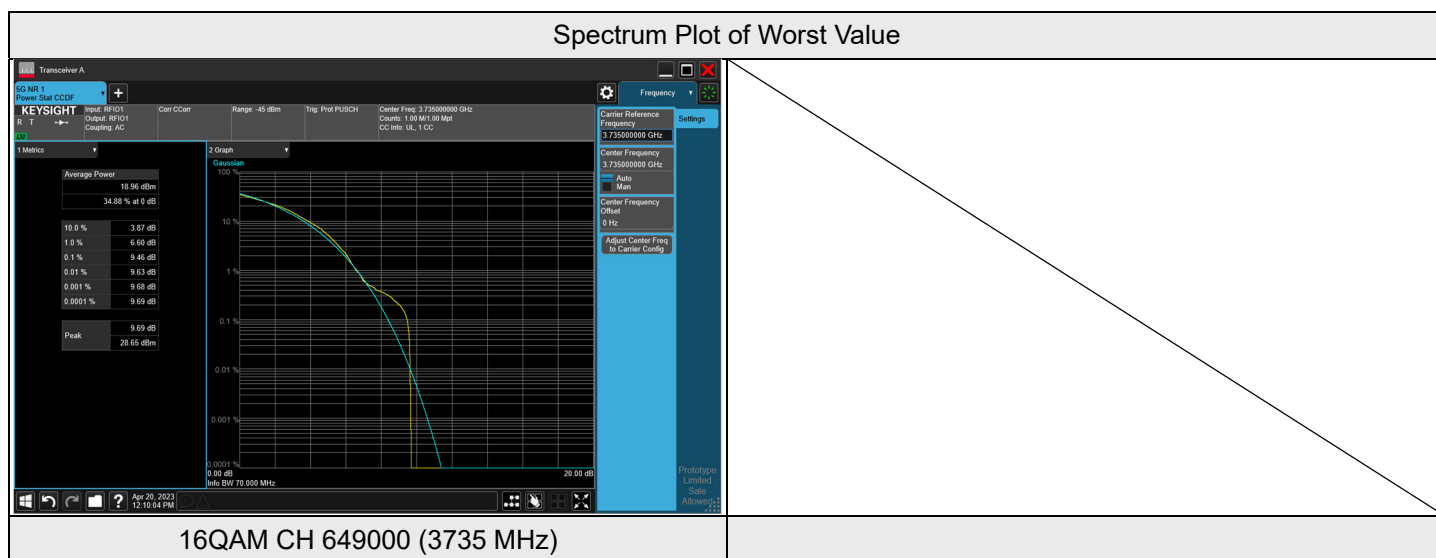
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 648668	CH 656000	CH 663332
			3730.02 MHz	3840 MHz	3949.98 MHz
BPSK	1	161	4.32	4.13	4.70
	1	0	4.36	4.27	4.22
	162	0	4.22	4.63	4.20
QPSK	1	161	7.64	7.45	7.78
	1	0	8.06	8.95	7.41
	162	0	8.32	8.02	7.87
16QAM	1	161	8.59	7.85	8.28
	1	0	8.84	8.80	8.43
	162	0	8.72	8.14	8.01
64QAM	1	161	8.62	7.96	7.59
	1	0	7.71	7.57	7.67
	162	0	8.47	8.17	8.27
256QAM	1	161	7.90	8.16	8.31
	1	0	8.38	8.83	8.09
	162	0	8.68	8.26	8.28

Spectrum Plot of Worst Value



NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 70 MHz

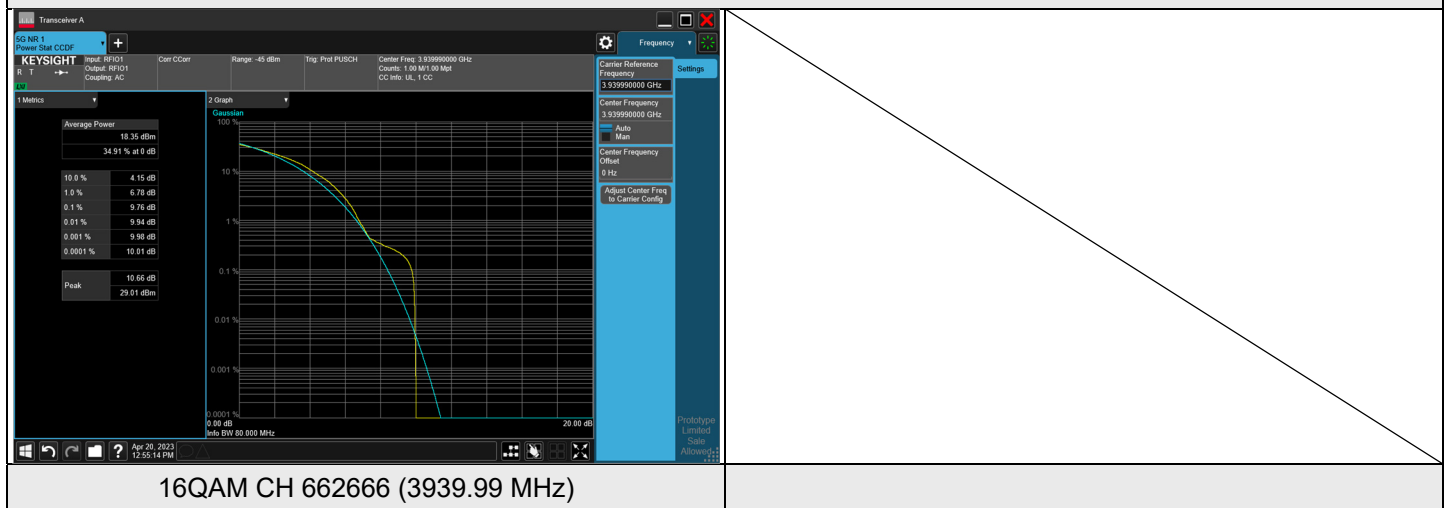
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 649000	CH 656000	CH 663000
			3735 MHz	3840 MHz	3945 MHz
BPSK	1	188	4.32	4.14	4.08
	1	0	4.31	4.27	4.19
	180	0	4.87	4.26	4.61
QPSK	1	188	7.74	7.56	7.79
	1	0	8.62	7.84	8.09
	189	0	8.23	8.40	8.02
16QAM	1	188	8.48	8.49	8.07
	1	0	9.46	8.52	8.20
	189	0	8.43	8.11	8.23
64QAM	1	188	8.02	7.70	7.49
	1	0	8.01	8.40	7.44
	189	0	8.28	8.22	8.29
256QAM	1	188	8.61	8.07	8.01
	1	0	8.36	8.25	8.09
	189	0	8.99	8.57	8.38



NR n77 (3700-3980 MHz) SCS 30 kHz, 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	4.27	4.67	4.37
	1	0	4.67	4.59	4.12
	216	0	5.03	5.25	5.02
QPSK	1	216	8.05	7.93	7.61
	1	0	7.93	7.98	8.09
	217	0	8.18	8.36	8.05
16QAM	1	216	8.68	8.42	9.35
	1	0	8.48	8.32	9.76
	217	0	8.68	8.41	8.05
64QAM	1	216	7.72	7.45	7.44
	1	0	7.94	7.85	8.21
	217	0	8.29	8.20	8.08
256QAM	1	216	8.71	8.39	8.11
	1	0	8.40	8.59	8.10
	217	0	8.47	8.55	8.14

Spectrum Plot of Worst Value

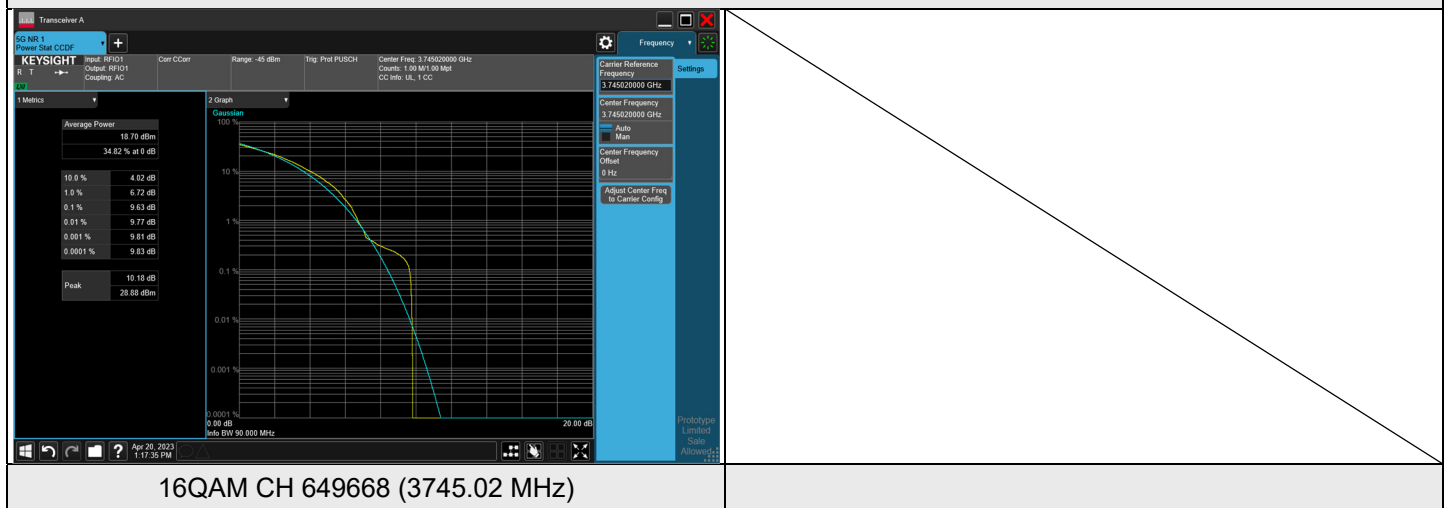




NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 90 MHz

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	244	4.35	4.08	4.91
	1	0	4.34	4.28	4.39
	243	0	4.48	4.17	5.03
QPSK	1	244	7.61	7.67	7.47
	1	0	7.75	8.13	7.63
	245	0	8.52	8.66	8.29
16QAM	1	244	9.63	8.35	7.79
	1	0	7.84	8.53	8.38
	245	0	8.22	8.17	8.89
64QAM	1	244	8.02	7.69	7.66
	1	0	7.73	8.44	8.14
	245	0	8.62	8.51	8.61
256QAM	1	244	8.02	7.76	8.29
	1	0	8.29	8.34	8.00
	245	0	8.50	8.34	8.18

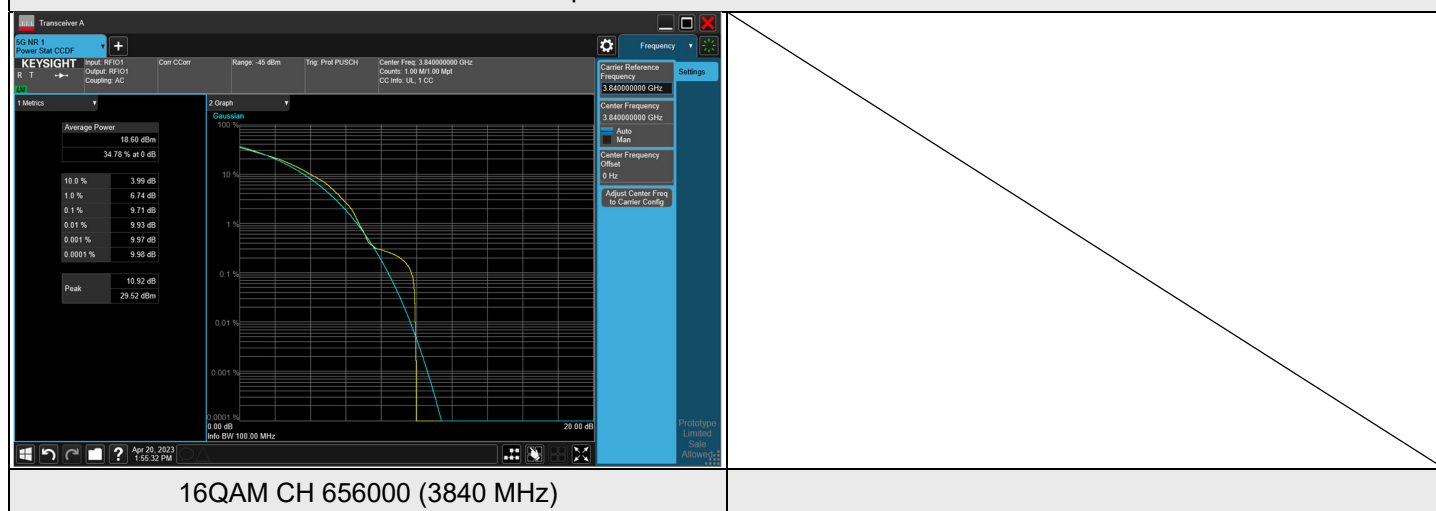
Spectrum Plot of Worst Value



NR n77 (3700-3980 MHz) SCS 30 kHz, 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	4.33	4.05	4.15
	1	0	4.62	4.23	4.45
	270	0	5.14	5.40	5.34
QPSK	1	272	7.64	8.52	7.36
	1	0	8.22	7.92	8.10
	273	0	8.20	8.64	8.01
16QAM	1	272	7.68	9.11	8.41
	1	0	7.73	9.71	7.97
	273	0	8.72	8.37	8.57
64QAM	1	272	7.88	7.69	7.90
	1	0	8.24	7.69	7.64
	273	0	8.37	8.53	8.44
256QAM	1	272	8.00	8.03	7.76
	1	0	8.57	8.63	7.62
	273	0	8.71	8.54	8.75

Spectrum Plot of Worst Value



## 7.4 Bandwidth

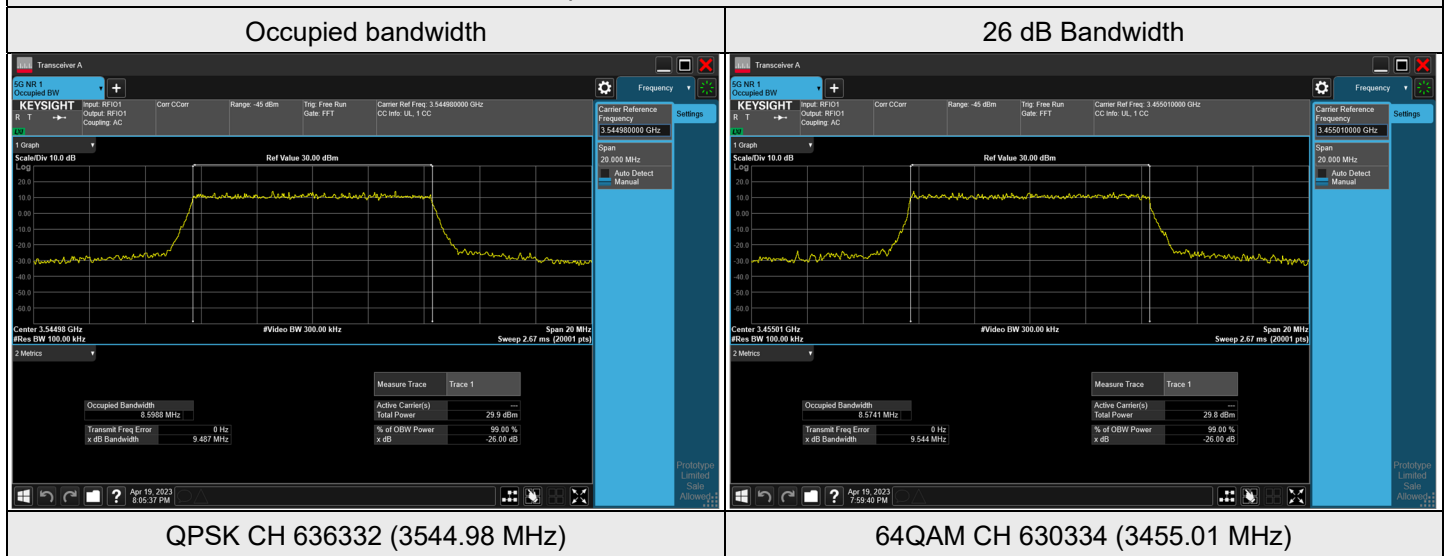
Input Power:	120 Vac, 60 Hz	Environmental Conditions:	22°C, 71% RH	Tested By:	Frank Liu
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### 7.4.1 NR n77 (3450-3550 MHz) SCS 30 kHz (Ant.: M1)

#### NR n77 (3450-3550 MHz) SCS 30 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630334	3455.01	8.5544	9.333
BPSK	633334	3500.01	8.5702	9.399
BPSK	636332	3544.98	8.5467	9.301
QPSK	630334	3455.01	8.5821	9.410
QPSK	633334	3500.01	8.5862	9.268
QPSK	636332	3544.98	8.5988	9.487
16QAM	630334	3455.01	8.5687	9.406
16QAM	633334	3500.01	8.5565	9.209
16QAM	636332	3544.98	8.5483	9.138
64QAM	630334	3455.01	8.5741	9.544
64QAM	633334	3500.01	8.5587	9.355
64QAM	636332	3544.98	8.5629	9.222
256QAM	630334	3455.01	8.5749	9.358
256QAM	633334	3500.01	8.5701	9.400
256QAM	636332	3544.98	8.5766	9.327

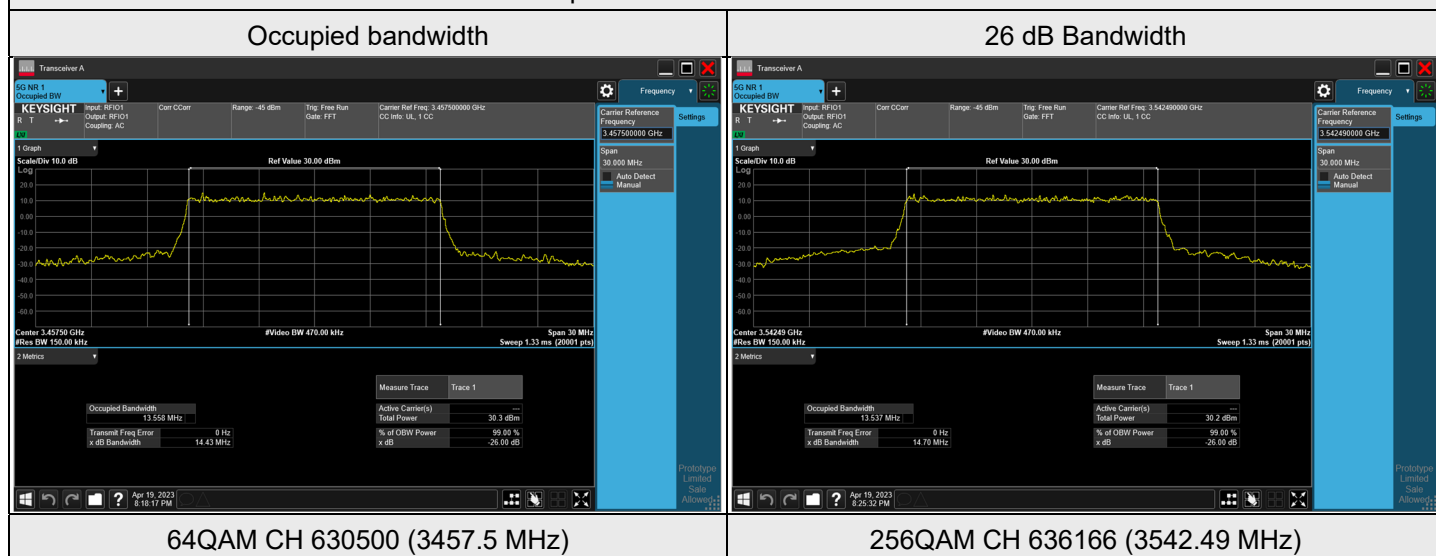
### Spectrum Plot of Worst Value



NR n77 (3450-3550 MHz) SCS 30 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630500	3457.5	13.471	13.81
BPSK	633334	3500.01	13.450	13.80
BPSK	636166	3542.49	13.422	13.96
QPSK	630500	3457.5	13.528	14.36
QPSK	633334	3500.01	13.531	14.50
QPSK	636166	3542.49	13.540	14.57
16QAM	630500	3457.5	13.531	14.54
16QAM	633334	3500.01	13.534	14.60
16QAM	636166	3542.49	13.528	14.53
64QAM	630500	3457.5	13.558	14.43
64QAM	633334	3500.01	13.558	14.41
64QAM	636166	3542.49	13.555	14.41
256QAM	630500	3457.5	13.531	14.42
256QAM	633334	3500.01	13.524	14.52
256QAM	636166	3542.49	13.537	14.70

Spectrum Plot of Worst Value



NR n77 (3450-3550 MHz) SCS 30 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630668	3460.02	18.005	19.06
BPSK	633334	3500.01	18.037	19.02
BPSK	636000	3540	18.041	19.16
QPSK	630668	3460.02	18.194	19.33
QPSK	633334	3500.01	18.204	19.11
QPSK	636000	3540	18.165	19.36
16QAM	630668	3460.02	18.226	19.37
16QAM	633334	3500.01	18.217	19.36
16QAM	636000	3540	18.229	19.46
64QAM	630668	3460.02	18.197	19.39
64QAM	633334	3500.01	18.198	19.52
64QAM	636000	3540	18.177	19.30
256QAM	630668	3460.02	18.212	19.62
256QAM	633334	3500.01	18.178	19.40
256QAM	636000	3540	18.185	19.51

