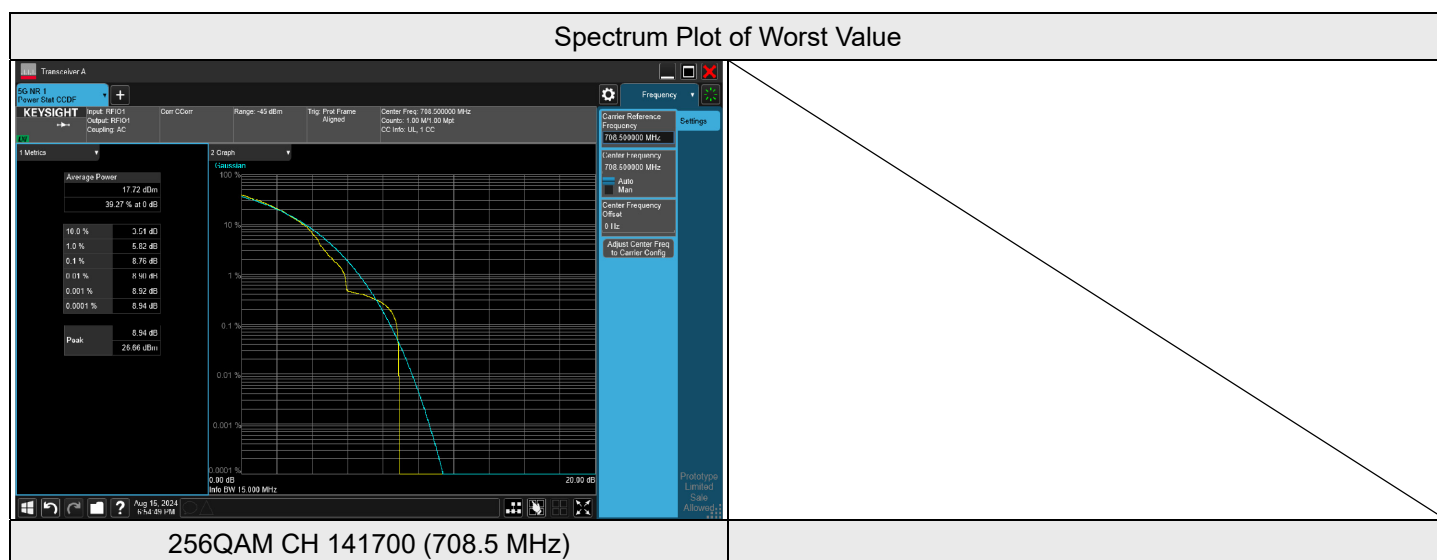


NR n12 SCS 15 kHz, Channel Bandwidth: 15 MHz

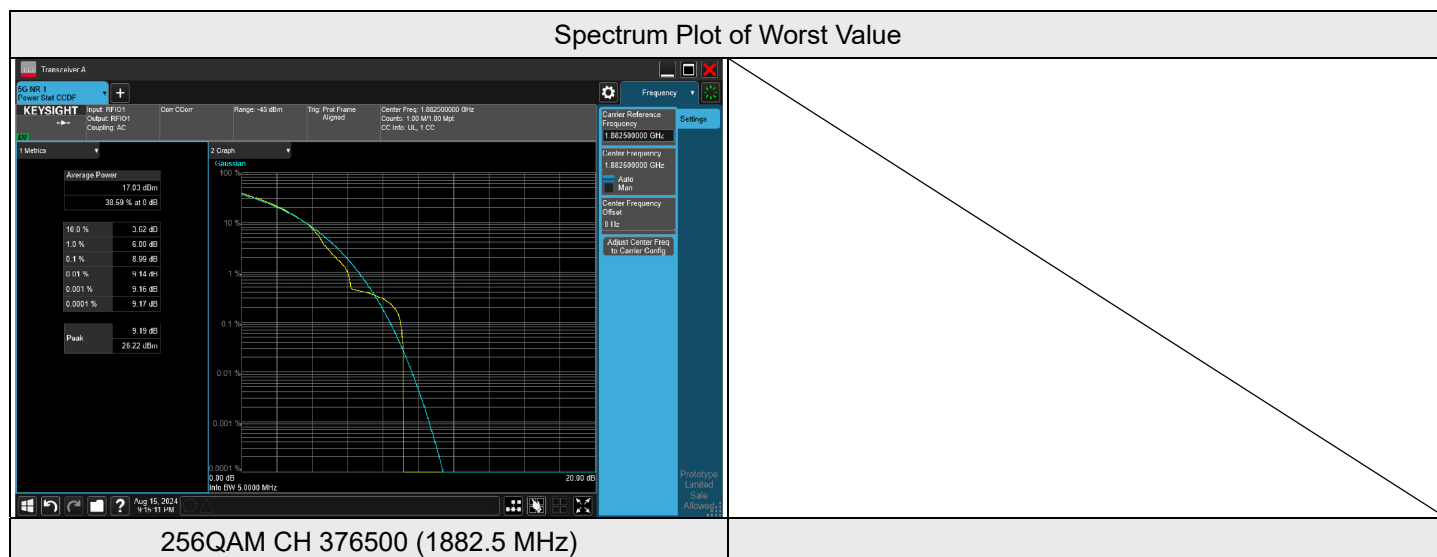
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 141300	CH 141500	CH 141700
			706.5 MHz	707.5 MHz	708.5 MHz
BPSK	1	78	4.62	4.63	4.18
	1	0	4.53	4.81	4.77
	75	0	4.31	4.05	3.98
QPSK	1	78	7.54	6.71	6.92
	1	0	7.48	7.14	7.88
	79	0	7.43	6.73	7.42
16QAM	1	78	7.38	7.54	6.76
	1	0	7.41	6.99	7.79
	79	0	7.44	6.71	7.39
64QAM	1	78	7.59	7.39	7.44
	1	0	7.60	7.67	7.59
	79	0	7.94	7.24	7.18
256QAM	1	78	8.66	8.65	8.60
	1	0	8.66	8.72	8.76
	79	0	8.34	8.29	8.32



7.3.4 NR n25 SCS 15 kHz

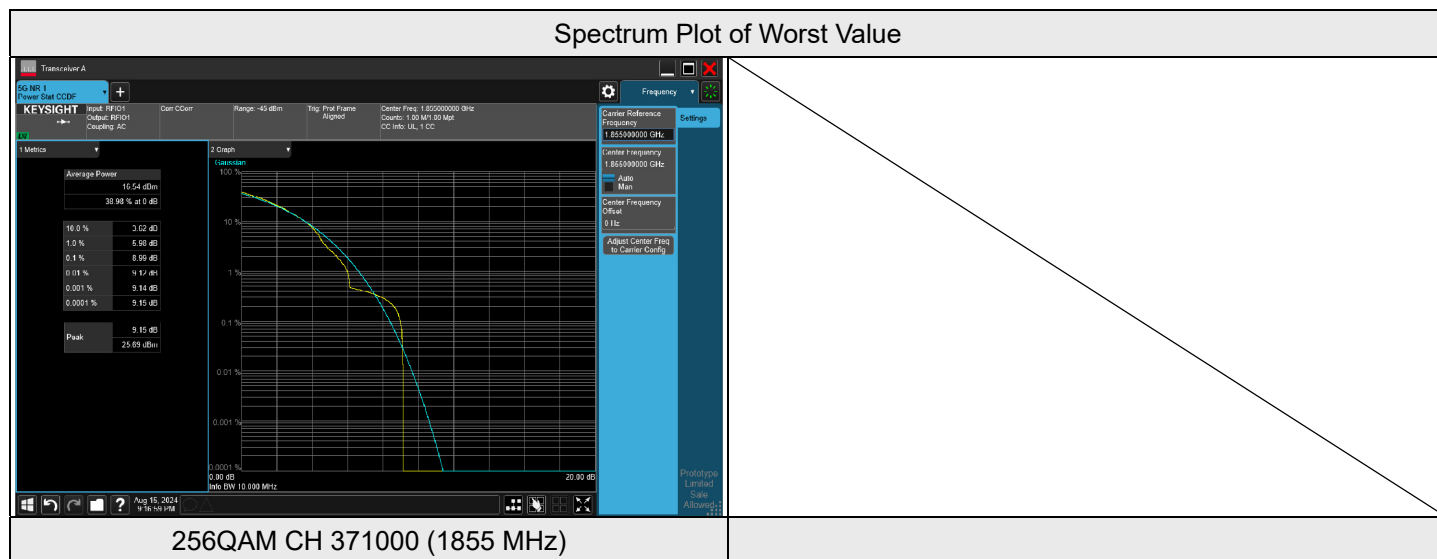
NR n25 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 370500	CH 376500	CH 382500
			1852.5 MHz	1882.5 MHz	1912.5 MHz
BPSK	1	24	4.38	4.35	4.02
	1	0	4.54	4.28	4.40
	25	0	4.27	4.10	4.02
QPSK	1	24	7.35	7.26	6.89
	1	0	6.85	7.27	7.39
	25	0	7.18	6.95	6.92
16QAM	1	24	7.14	7.16	6.69
	1	0	7.34	7.05	7.21
	25	0	7.13	6.96	6.93
64QAM	1	24	7.56	7.61	7.12
	1	0	7.42	7.59	7.48
	25	0	7.78	7.51	7.55
256QAM	1	24	8.94	8.96	8.75
	1	0	8.91	8.99	8.87
	25	0	8.56	8.66	8.53



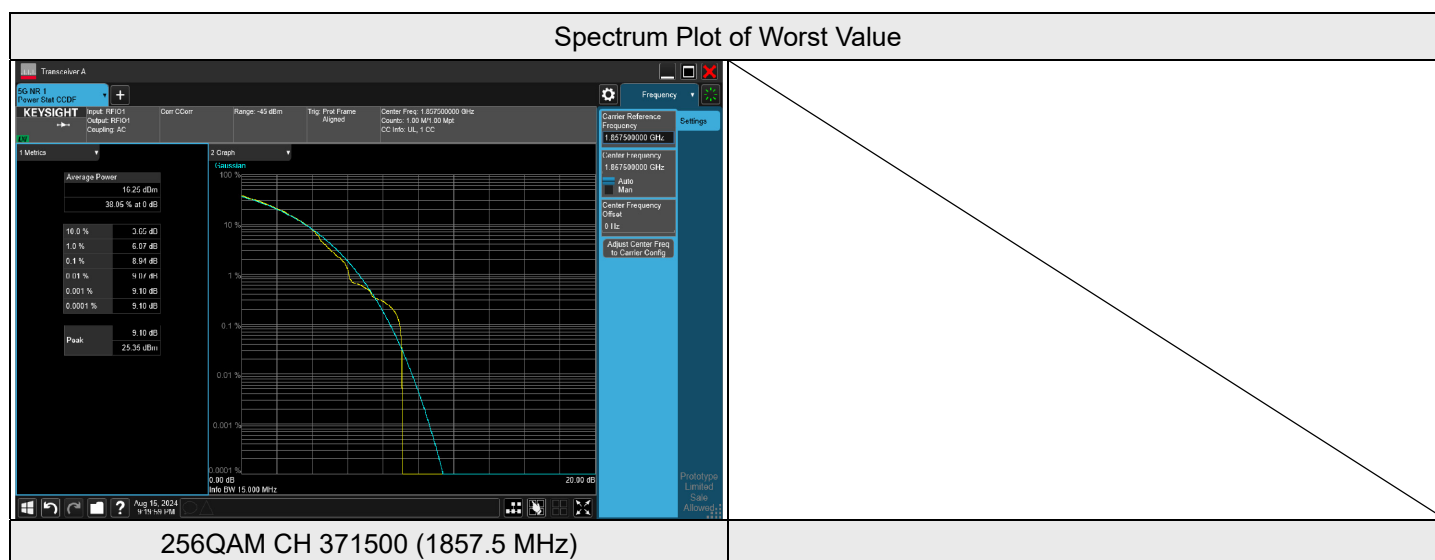
NR n25 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 371000	CH 376500	CH 382000
			1855 MHz	1882.5 MHz	1910 MHz
BPSK	1	51	4.03	4.19	3.87
	1	0	4.33	4.29	4.04
	50	0	4.00	4.05	4.18
QPSK	1	51	7.12	7.29	6.81
	1	0	7.40	7.28	7.09
	52	0	6.84	6.89	6.96
16QAM	1	51	6.92	7.12	6.67
	1	0	7.25	7.13	6.94
	52	0	6.83	6.82	6.95
64QAM	1	51	7.61	7.57	7.11
	1	0	7.45	7.53	7.56
	52	0	7.49	7.58	7.63
256QAM	1	51	8.99	8.95	8.76
	1	0	8.91	8.94	8.91
	52	0	8.53	8.55	8.39



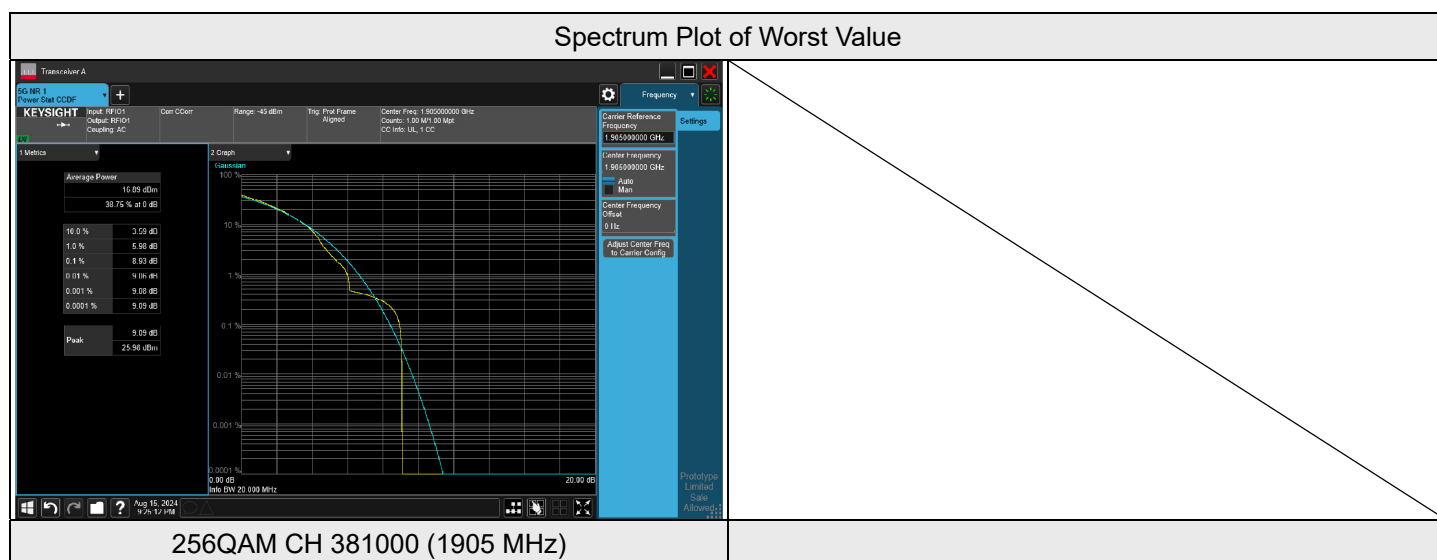
NR n25 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 371500	CH 376500	CH 381500
			1857.5 MHz	1882.5 MHz	1907.5 MHz
BPSK	1	78	4.57	4.56	4.06
	1	0	4.45	4.54	4.53
	75	0	4.07	4.18	4.36
QPSK	1	78	7.44	7.34	6.84
	1	0	7.35	7.46	7.40
	79	0	7.04	7.12	6.90
16QAM	1	78	7.27	7.21	6.67
	1	0	7.20	7.33	7.27
	79	0	7.00	7.11	6.87
64QAM	1	78	7.61	7.61	7.14
	1	0	7.45	7.52	7.55
	79	0	7.60	7.77	7.46
256QAM	1	78	8.94	8.94	8.74
	1	0	8.91	8.94	8.94
	79	0	8.64	8.59	8.54



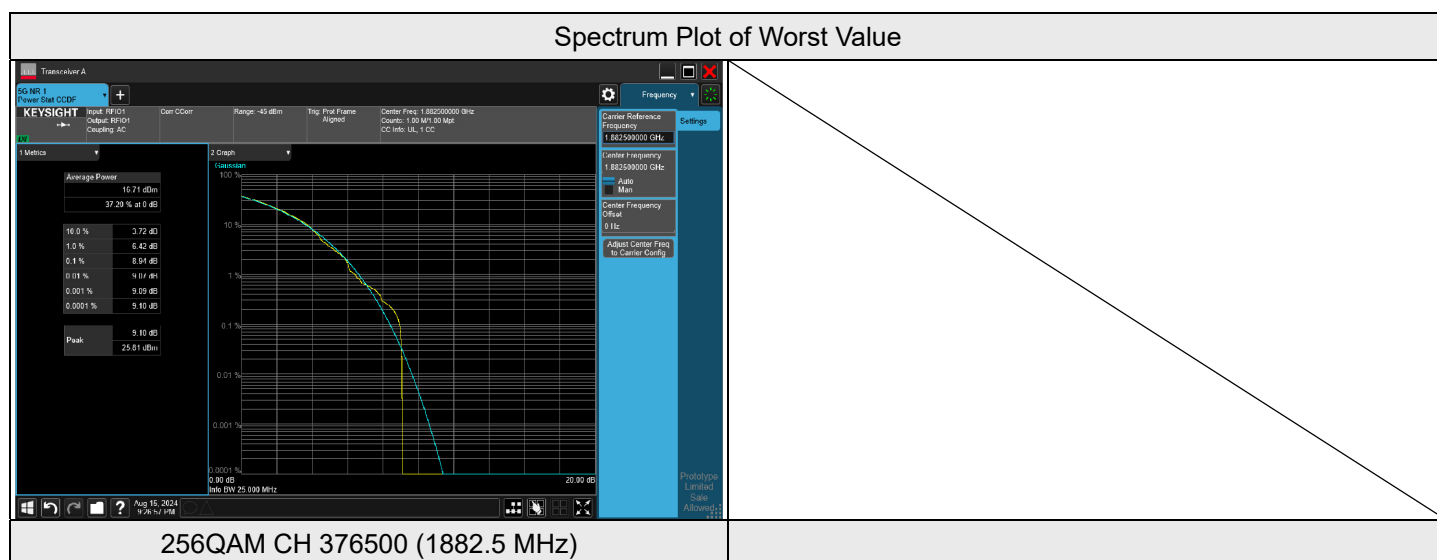
NR n25 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 372000	CH 376500	CH 381000
			1860 MHz	1882.5 MHz	1905 MHz
BPSK	1	105	4.56	4.44	3.95
	1	0	4.46	4.60	4.48
	100	0	4.18	4.17	4.37
QPSK	1	105	6.84	7.54	6.90
	1	0	6.82	7.48	7.47
	106	0	6.95	7.08	6.98
16QAM	1	105	7.20	7.39	6.71
	1	0	7.40	7.54	7.46
	106	0	7.07	7.15	7.09
64QAM	1	105	7.48	7.43	7.14
	1	0	7.49	7.53	7.56
	106	0	7.58	7.71	7.58
256QAM	1	105	8.90	8.91	8.75
	1	0	8.91	8.92	8.93
	106	0	8.81	8.77	8.77



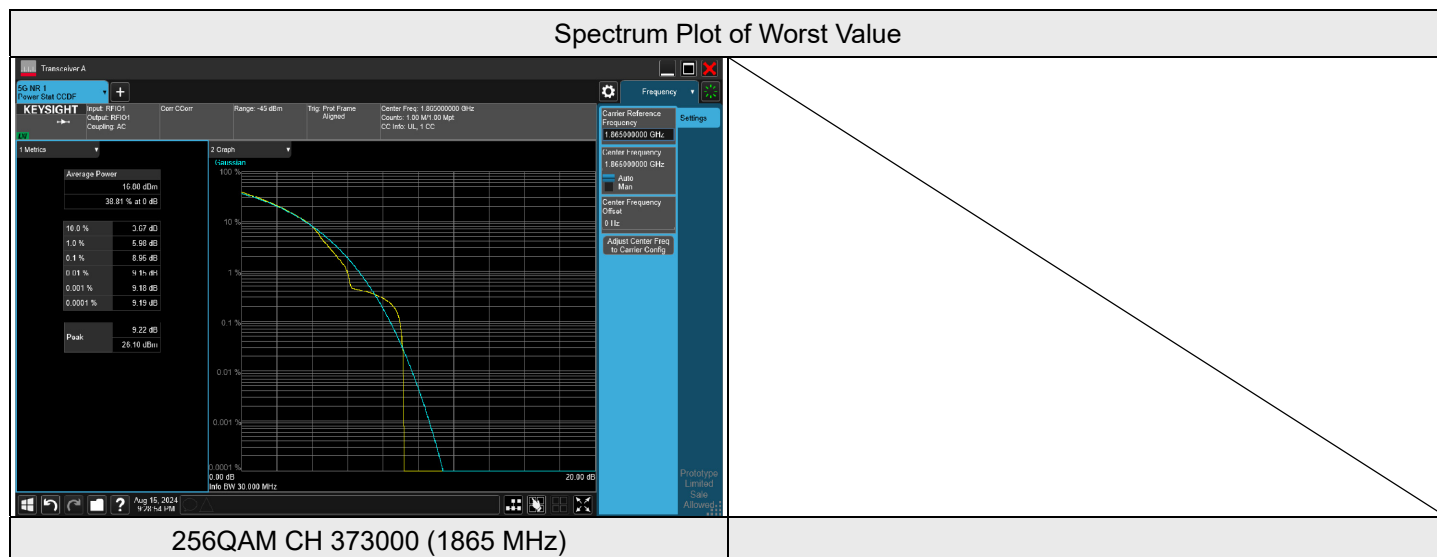
NR n25 SCS 15 kHz, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 372500	CH 376500	CH 380500
			1862.5 MHz	1882.5 MHz	1902.5 MHz
BPSK	1	132	4.02	4.54	3.92
	1	0	4.49	4.59	4.38
	128	0	4.50	4.37	4.35
QPSK	1	132	6.80	7.40	6.70
	1	0	7.37	7.44	7.27
	133	0	7.28	7.25	7.24
16QAM	1	132	6.75	7.33	6.61
	1	0	7.32	7.36	7.28
	133	0	7.27	7.24	7.24
64QAM	1	132	7.49	7.52	7.08
	1	0	7.34	7.51	7.57
	133	0	7.61	7.74	7.65
256QAM	1	132	8.93	8.94	8.76
	1	0	8.89	8.89	8.94
	133	0	8.65	8.63	8.57



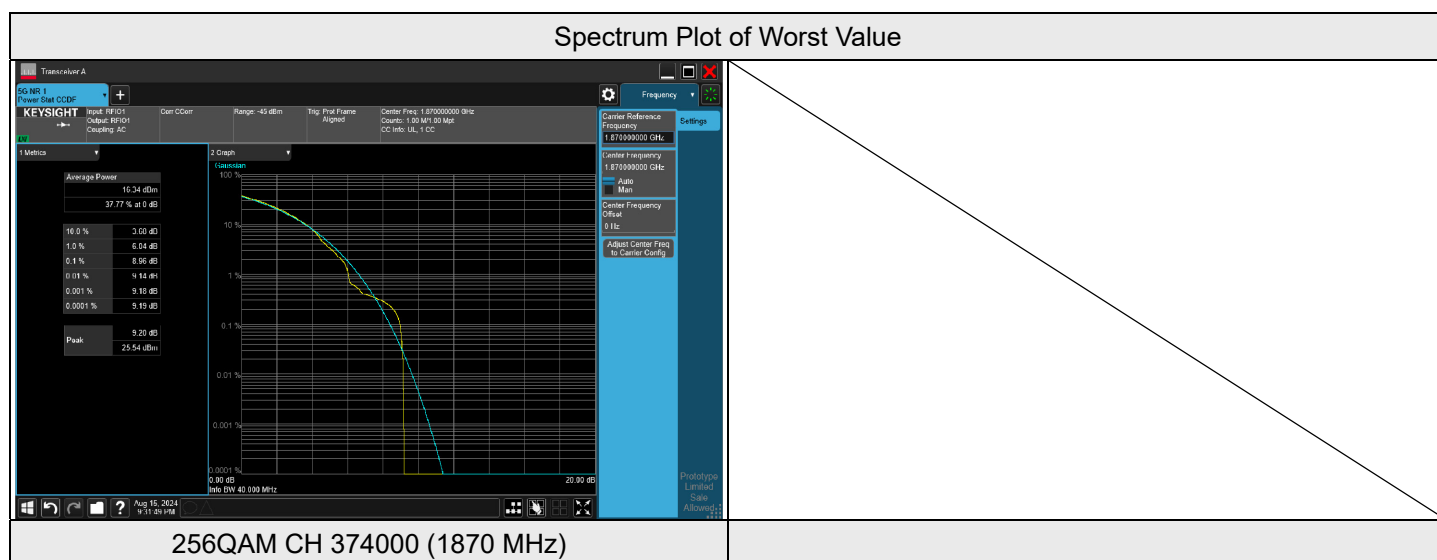
NR n25 SCS 15 kHz, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 373000	CH 376500	CH 380000
			1865 MHz	1882.5 MHz	1900 MHz
BPSK	1	159	4.44	4.48	3.89
	1	0	4.45	4.48	4.24
	160	0	4.35	4.20	4.15
QPSK	1	159	7.34	7.39	6.72
	1	0	7.39	7.29	7.09
	160	0	7.13	7.13	7.20
16QAM	1	159	7.25	7.25	6.56
	1	0	7.26	7.23	7.03
	160	0	7.33	7.32	7.35
64QAM	1	159	7.54	7.50	7.08
	1	0	7.46	7.55	7.58
	160	0	7.75	7.80	7.67
256QAM	1	159	8.95	8.95	8.77
	1	0	8.88	8.92	8.94
	160	0	8.59	8.61	8.56



NR n25 SCS 15 kHz, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 374000	CH 376500	CH 379000
			1870 MHz	1882.5 MHz	1895 MHz
BPSK	1	215	4.35	4.30	3.88
	1	0	4.44	4.17	4.47
	216	0	4.32	4.37	4.60
QPSK	1	215	7.38	7.24	6.79
	1	0	7.43	7.11	6.78
	216	0	7.05	7.05	7.25
16QAM	1	215	7.22	7.12	6.63
	1	0	7.34	6.98	7.38
	216	0	7.28	7.28	7.42
64QAM	1	215	7.96	7.86	7.35
	1	0	7.46	7.59	7.54
	216	0	7.68	7.75	7.78
256QAM	1	215	8.96	8.93	8.77
	1	0	8.88	8.91	8.91
	216	0	8.49	8.46	8.38

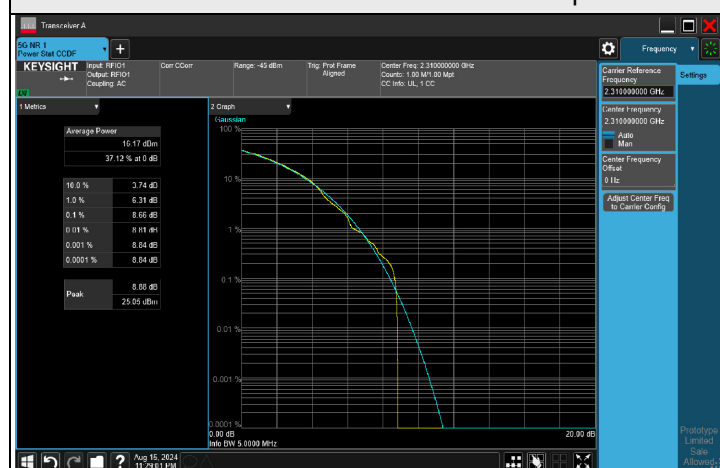


7.3.5 NR n30 SCS 15 kHz

NR n30 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 461500	CH 462000	CH 462500
			2307.5 MHz	2310 MHz	2312.5 MHz
BPSK	1	24	3.36	3.48	3.39
	1	0	3.35	3.37	3.56
	25	0	3.17	3.31	3.40
QPSK	1	24	6.40	6.41	6.37
	1	0	6.15	6.08	6.25
	25	0	5.98	6.10	6.15
16QAM	1	24	6.17	6.21	6.20
	1	0	5.96	6.16	6.14
	25	0	5.90	6.04	6.15
64QAM	1	24	6.69	6.74	6.71
	1	0	6.55	6.63	6.74
	25	0	6.51	6.68	6.76
256QAM	1	24	8.64	8.66	8.63
	1	0	8.56	8.61	8.66
	25	0	8.25	8.34	8.35

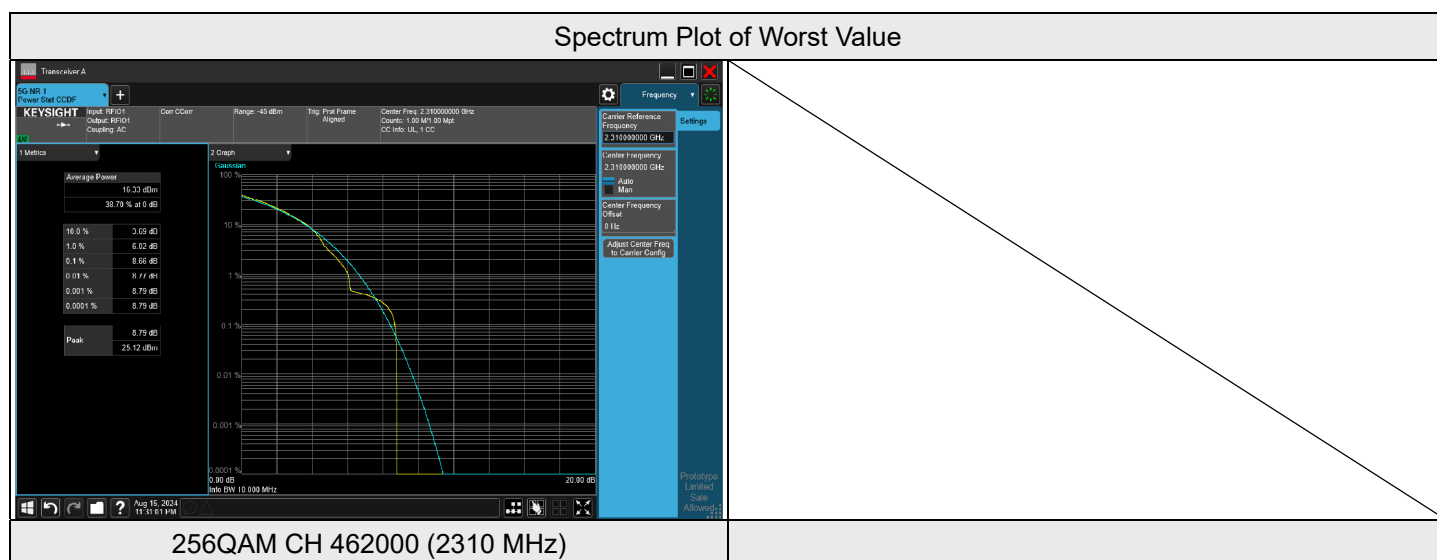
Spectrum Plot of Worst Value



256QAM CH 462000 (2310 MHz)

NR n30 SCS 15 kHz, Channel Bandwidth: 10 MHz

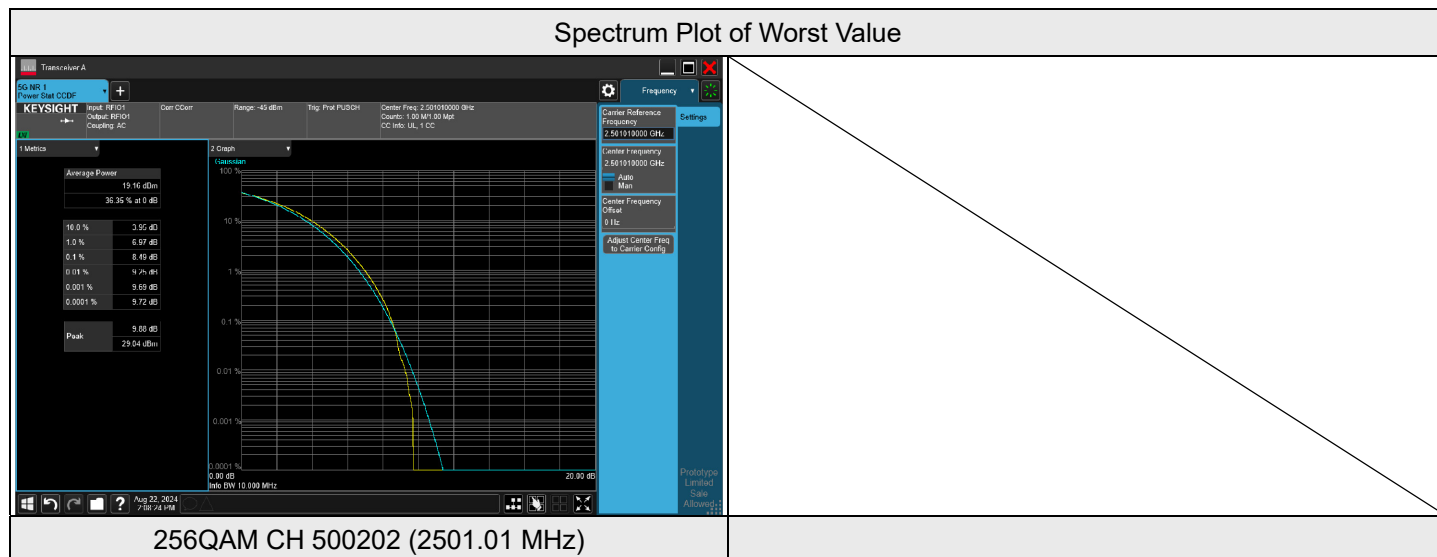
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)
			CH 462000
			2310 MHz
BPSK	1	51	3.28
	1	0	3.31
	50	0	3.28
QPSK	1	51	6.38
	1	0	6.12
	52	0	6.00
16QAM	1	51	6.15
	1	0	6.01
	52	0	5.99
64QAM	1	51	6.69
	1	0	6.51
	52	0	6.65
256QAM	1	51	8.66
	1	0	8.53
	52	0	8.32



7.3.6 NR n41 SCS 30 kHz

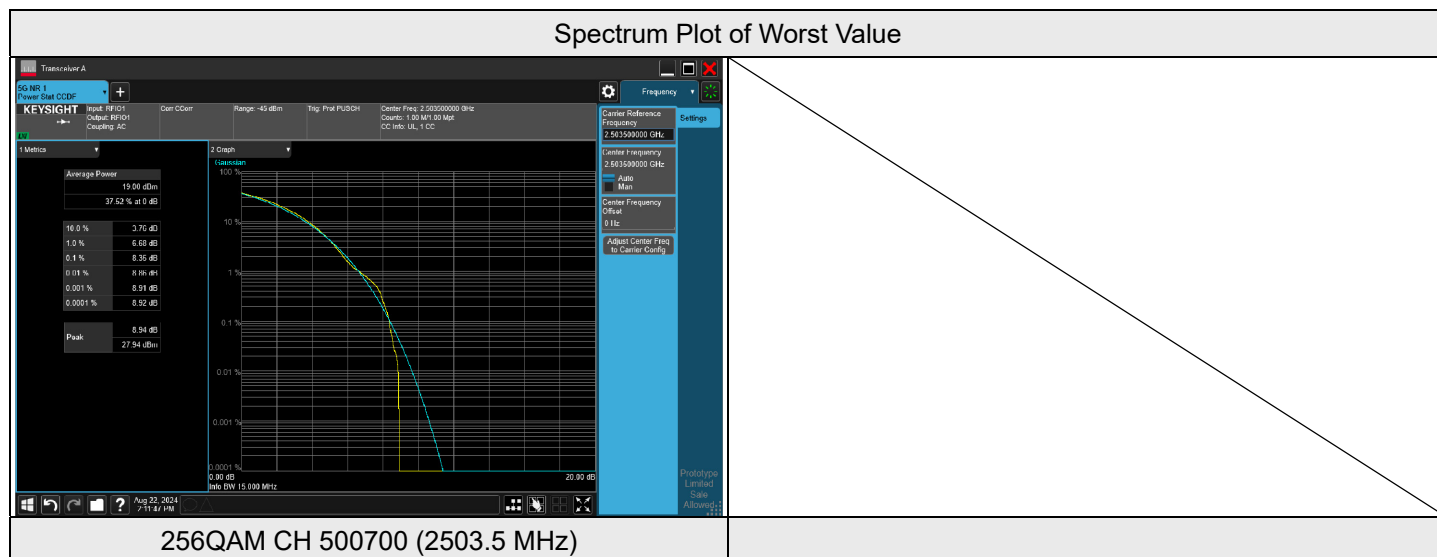
NR n41 SCS 30 kHz - MIMO-Ant 0, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 500202	CH 518598	CH 537000
			2501.01 MHz	2592.99 MHz	2685 MHz
BPSK	1	23	4.17	4.39	4.40
	1	0	4.31	4.11	3.97
	24	0	4.20	4.29	4.17
QPSK	1	23	6.52	6.57	6.52
	1	0	6.67	6.29	6.63
	24	0	6.33	6.02	6.15
16QAM	1	23	6.56	6.47	6.53
	1	0	6.60	6.29	6.23
	24	0	6.24	5.97	6.05
64QAM	1	23	7.05	6.76	6.86
	1	0	6.61	6.48	6.89
	24	0	6.86	6.42	6.66
256QAM	1	23	8.12	8.16	8.09
	1	0	8.19	8.40	7.92
	24	0	8.49	8.48	8.31



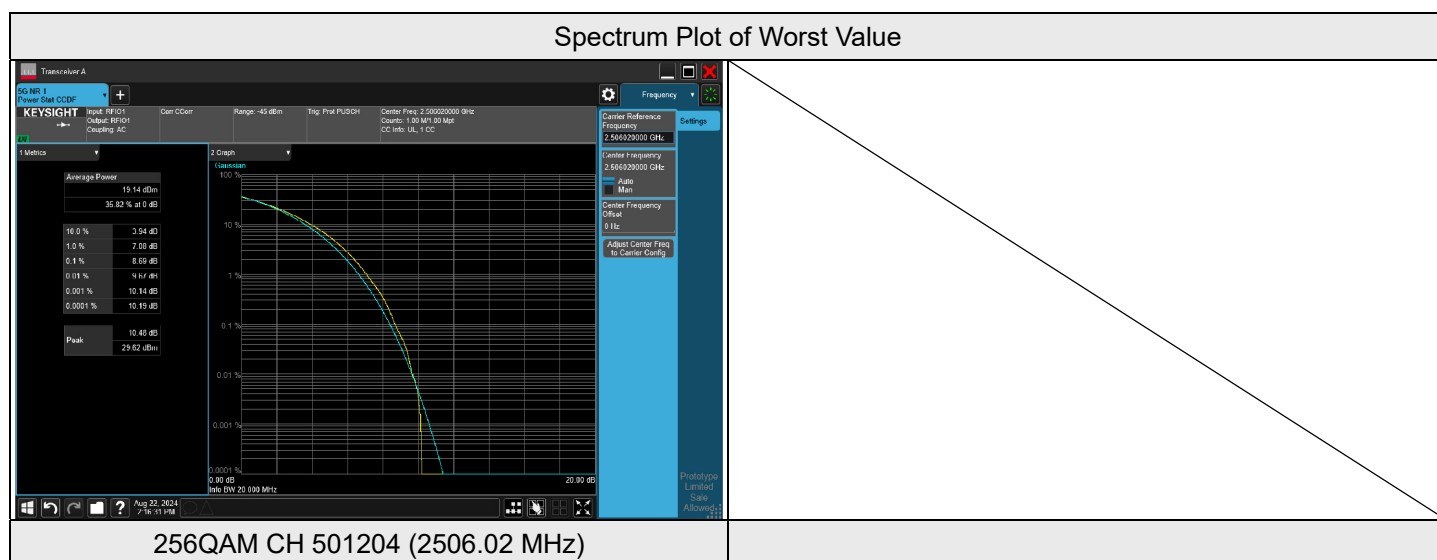
NR n41 SCS 30 kHz - MIMO-Ant 0, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 500700	CH 518598	CH 536496
			2503.5 MHz	2592.99 MHz	2682.48 MHz
BPSK	1	37	4.53	4.53	4.16
	1	0	4.30	4.43	4.33
	36	0	4.20	4.34	4.49
QPSK	1	37	6.91	6.79	6.41
	1	0	6.85	6.36	6.59
	38	0	6.73	6.36	6.48
16QAM	1	37	6.83	6.81	6.50
	1	0	6.29	6.15	6.47
	38	0	6.84	6.40	6.56
64QAM	1	37	7.06	6.71	6.63
	1	0	6.66	6.51	6.91
	38	0	6.97	6.78	7.01
256QAM	1	37	8.35	8.18	8.14
	1	0	8.09	7.94	8.23
	38	0	8.25	8.18	8.14



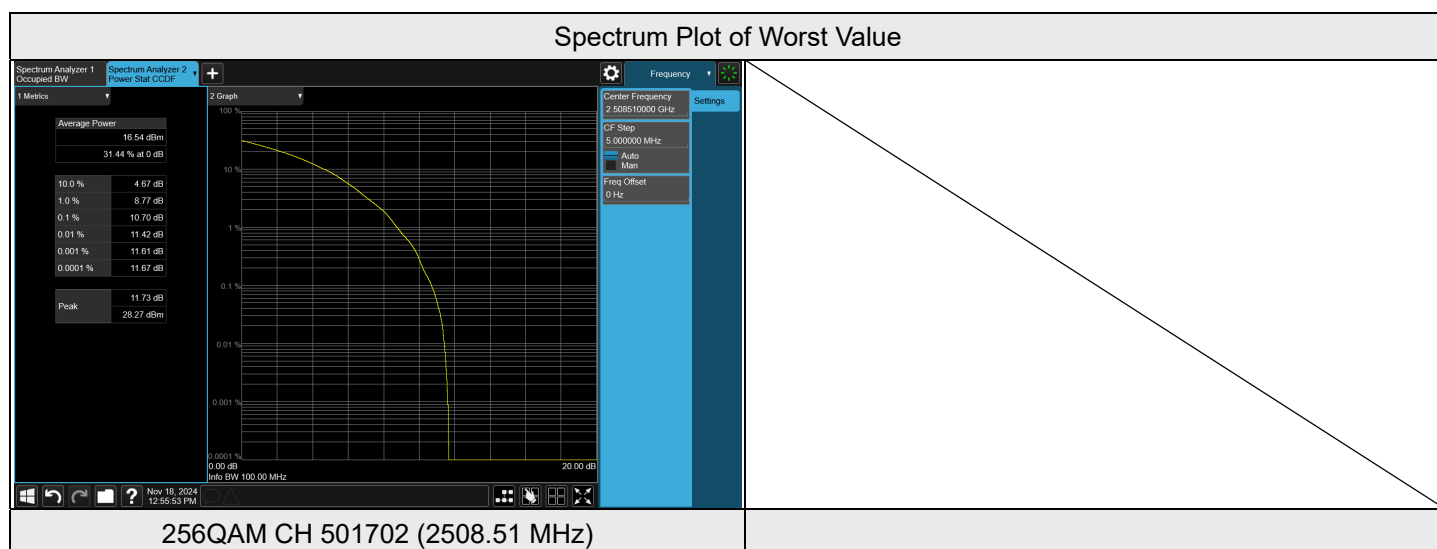
NR n41 SCS 30 kHz - MIMO-Ant 0, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 501204	CH 518598	CH 535998
			2506.02 MHz	2592.99 MHz	2679.99 MHz
BPSK	1	50	4.52	4.30	4.41
	1	0	4.26	4.46	4.35
	50	0	4.11	4.29	4.64
QPSK	1	50	6.73	6.67	6.29
	1	0	6.60	6.44	6.48
	51	0	6.84	6.57	6.53
16QAM	1	50	6.55	6.48	6.64
	1	0	6.40	6.05	6.46
	51	0	6.85	6.46	6.43
64QAM	1	50	7.24	7.07	6.83
	1	0	6.84	6.41	6.90
	51	0	7.37	7.03	7.02
256QAM	1	50	8.07	7.97	7.98
	1	0	8.19	8.33	8.38
	51	0	8.69	8.44	8.64



NR n41 SCS 30 kHz - MIMO-Ant 0, Channel Bandwidth: 25 MHz

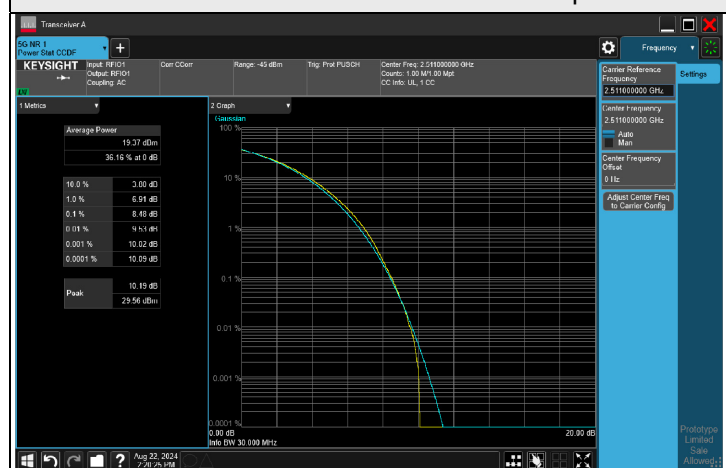
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 501702	CH 518598	CH 535500
			2508.51 MHz	2592.99 MHz	2677.5 MHz
BPSK	1	64	4.39	3.95	4.79
	1	0	4.48	4.1	4.78
	65	0	4.53	4.12	4.96
QPSK	1	64	6.41	6	6.23
	1	0	6.41	6.01	6.14
	65	0	6.52	6.12	6.28
16QAM	1	64	6.52	6.5	6.58
	1	0	6.57	6.53	6.55
	65	0	6.7	6.68	6.7
64QAM	1	64	8.31	8.34	8.58
	1	0	8.37	8.27	8.45
	65	0	8.46	8.41	8.6
256QAM	1	64	10.5	10.1	10.41
	1	0	10.59	10.01	10.43
	65	0	10.7	10.15	10.48



NR n41 SCS 30 kHz - MIMO-Ant 0, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 502200	CH 518598	CH 534996
			2511 MHz	2592.99 MHz	2674.98 MHz
BPSK	1	77	4.87	4.33	4.06
	1	0	4.18	4.17	4.43
	75	0	4.40	4.72	4.97
QPSK	1	77	7.07	6.75	6.50
	1	0	6.52	6.14	6.62
	78	0	6.71	6.60	6.57
16QAM	1	77	6.95	6.55	6.39
	1	0	6.24	5.91	6.24
	78	0	6.44	6.67	6.57
64QAM	1	77	6.99	6.90	6.63
	1	0	6.72	6.40	6.82
	78	0	7.14	6.92	6.85
256QAM	1	77	8.42	8.08	8.26
	1	0	8.27	8.22	8.37
	78	0	8.48	8.22	8.43

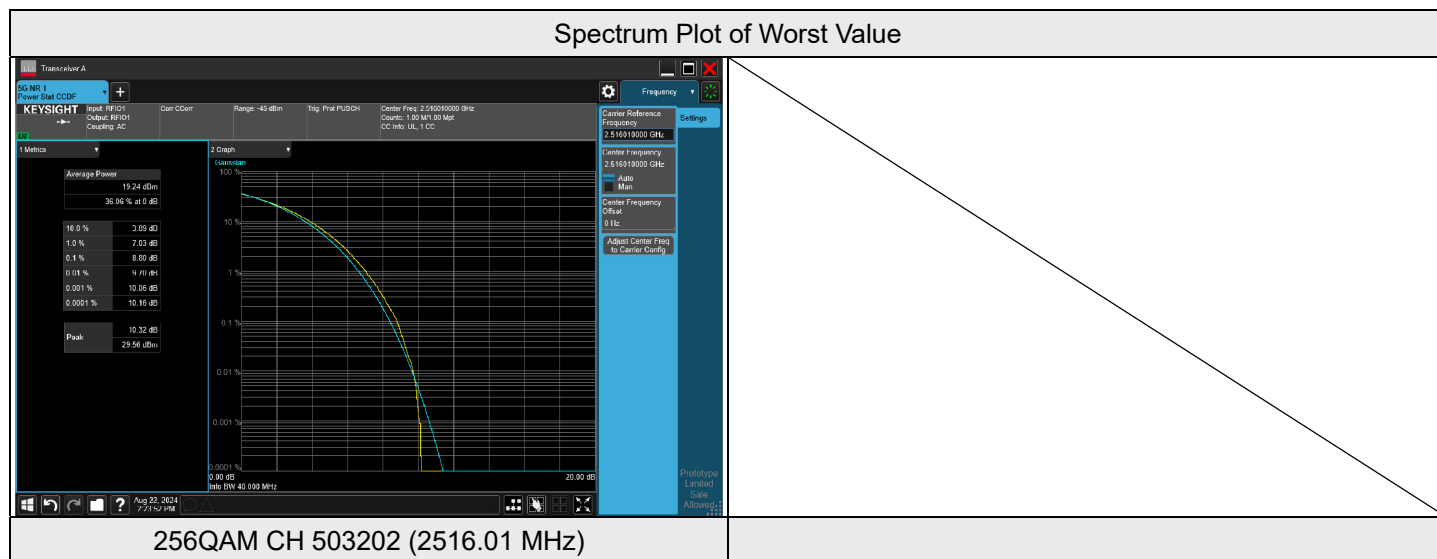
Spectrum Plot of Worst Value



256QAM CH 502200 (2511 MHz)

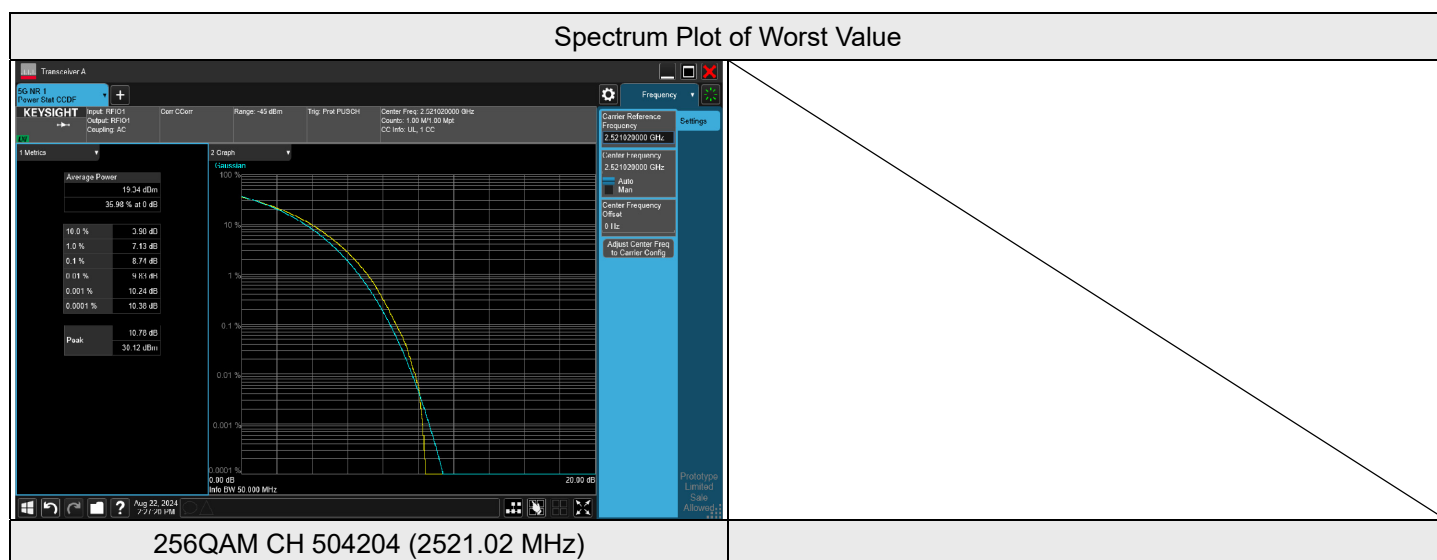
NR n41 SCS 30 kHz - MIMO-Ant 0, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 503202	CH 518598	CH 534000
			2516.01 MHz	2592.99 MHz	2670 MHz
BPSK	1	105	4.66	4.46	3.90
	1	0	4.27	4.52	4.27
	100	0	4.42	4.69	4.88
QPSK	1	105	6.96	6.78	6.52
	1	0	6.47	6.10	6.72
	106	0	6.81	6.74	6.53
16QAM	1	105	6.64	6.50	6.49
	1	0	6.37	5.87	6.50
	106	0	7.12	6.63	6.81
64QAM	1	105	6.90	6.99	6.78
	1	0	6.70	6.22	7.18
	106	0	7.19	6.96	7.15
256QAM	1	105	8.34	7.96	7.69
	1	0	8.10	8.51	8.67
	106	0	8.80	8.47	8.43



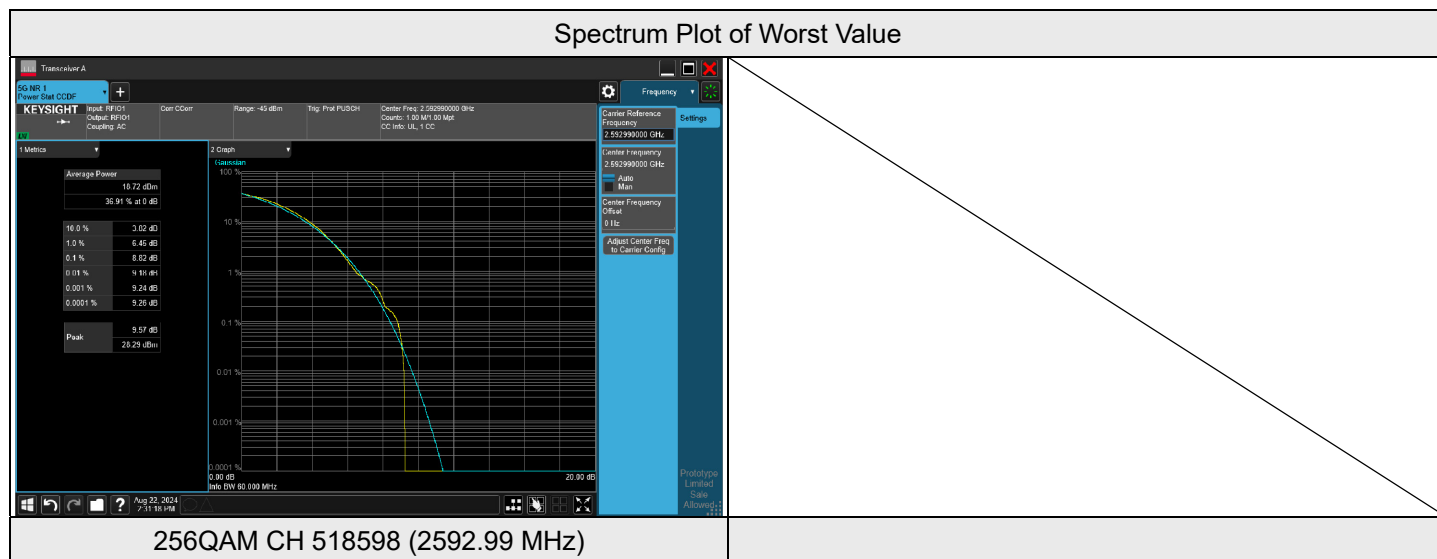
NR n41 SCS 30 kHz - MIMO-Ant 0, Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 504204	CH 518598	CH 532998
			2521.02 MHz	2592.99 MHz	2664.99 MHz
BPSK	1	132	4.54	4.38	3.99
	1	0	4.33	4.09	4.31
	128	0	5.31	4.87	4.85
QPSK	1	132	6.77	6.78	6.46
	1	0	6.45	6.13	6.72
	133	0	7.37	7.05	6.96
16QAM	1	132	6.53	6.56	6.07
	1	0	6.31	5.60	7.01
	133	0	7.18	6.63	6.96
64QAM	1	132	6.64	7.21	6.87
	1	0	6.85	5.75	7.41
	133	0	7.47	7.42	7.29
256QAM	1	132	8.41	8.09	7.89
	1	0	7.92	8.09	8.45
	133	0	8.74	8.71	8.52



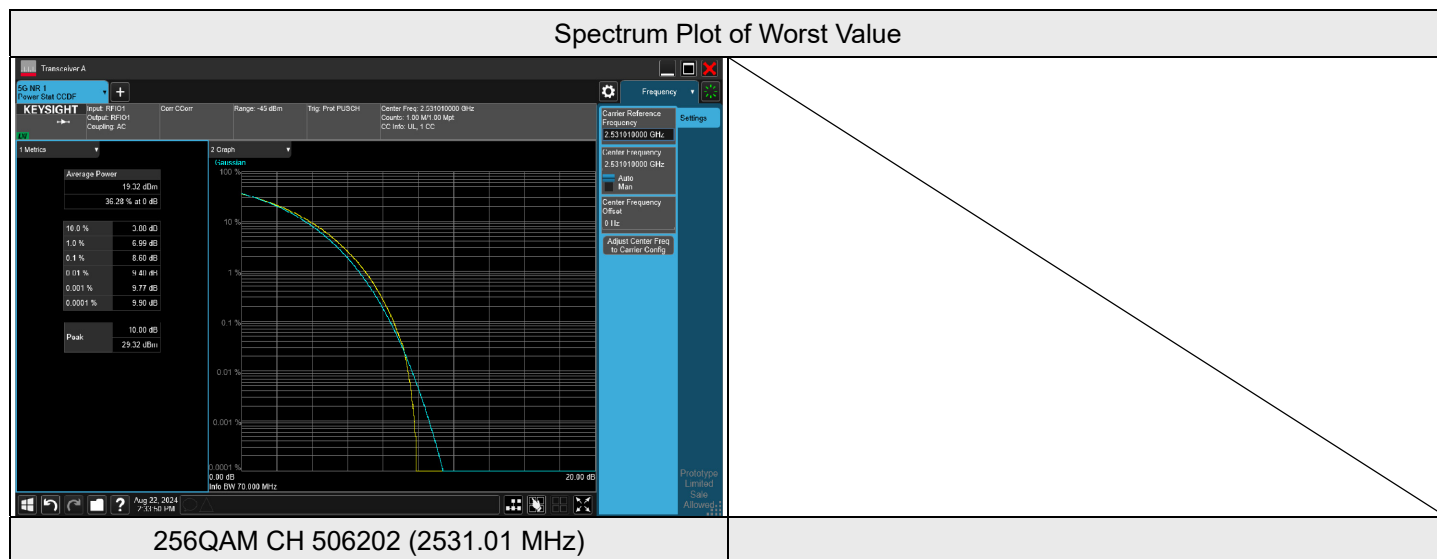
NR n41 SCS 30 kHz - MIMO-Ant 0, Channel Bandwidth: 60 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 505200	CH 518598	CH 531996
			2526 MHz	2592.99 MHz	2659.98 MHz
BPSK	1	161	4.77	4.41	4.99
	1	0	4.37	4.51	4.77
	162	0	4.53	4.74	5.19
QPSK	1	161	6.60	6.55	6.47
	1	0	6.68	5.73	7.00
	162	0	6.87	6.24	7.04
16QAM	1	161	6.41	6.69	6.29
	1	0	6.15	6.05	6.47
	162	0	6.57	6.23	6.76
64QAM	1	161	6.68	7.50	7.04
	1	0	6.39	6.00	6.77
	162	0	7.23	6.94	7.51
256QAM	1	161	8.40	8.82	8.57
	1	0	8.02	8.28	8.80
	162	0	8.72	8.80	8.39



NR n41 SCS 30 kHz - MIMO-Ant 0, Channel Bandwidth: 70 MHz

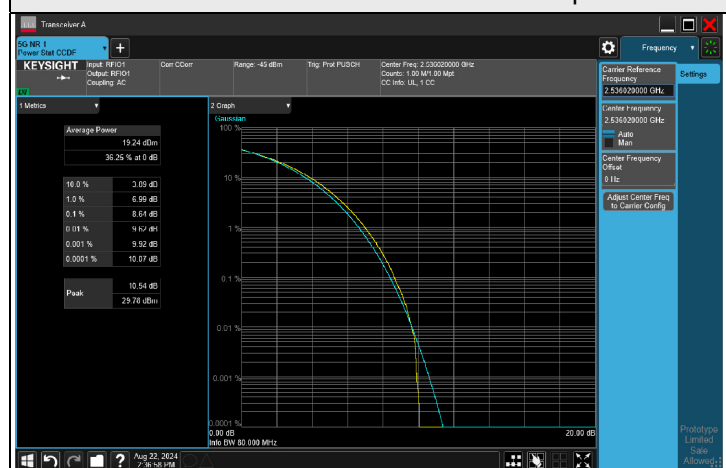
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 506202	CH 518598	CH 531000
			2531.01 MHz	2592.99 MHz	2655 MHz
BPSK	1	188	4.53	5.17	4.21
	1	0	4.39	4.18	4.41
	180	0	5.22	4.72	4.02
QPSK	1	188	6.73	7.51	6.90
	1	0	6.65	5.41	6.60
	189	0	6.57	6.33	6.97
16QAM	1	188	6.30	6.99	6.48
	1	0	6.70	5.53	7.19
	189	0	6.58	6.37	6.75
64QAM	1	188	6.45	7.25	6.97
	1	0	6.63	6.06	6.92
	189	0	7.57	6.69	7.64
256QAM	1	188	8.53	8.29	8.18
	1	0	8.21	8.13	8.13
	189	0	8.60	8.47	8.58



NR n41 SCS 30 kHz - MIMO-Ant 0, Channel Bandwidth: 80 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 507204	CH 518598	CH 529998
			2536.02 MHz	2592.99 MHz	2649.99 MHz
BPSK	1	216	4.71	4.54	4.71
	1	0	4.66	3.81	4.59
	216	0	4.90	5.27	4.30
QPSK	1	216	6.87	6.98	6.74
	1	0	6.88	5.39	6.57
	217	0	6.87	6.78	7.30
16QAM	1	216	6.70	6.83	6.78
	1	0	6.12	5.05	6.05
	217	0	6.61	6.86	6.99
64QAM	1	216	6.61	7.10	6.81
	1	0	6.32	5.48	6.64
	217	0	7.25	6.89	7.49
256QAM	1	216	8.59	8.22	7.93
	1	0	8.10	7.98	8.10
	217	0	8.64	8.31	8.47

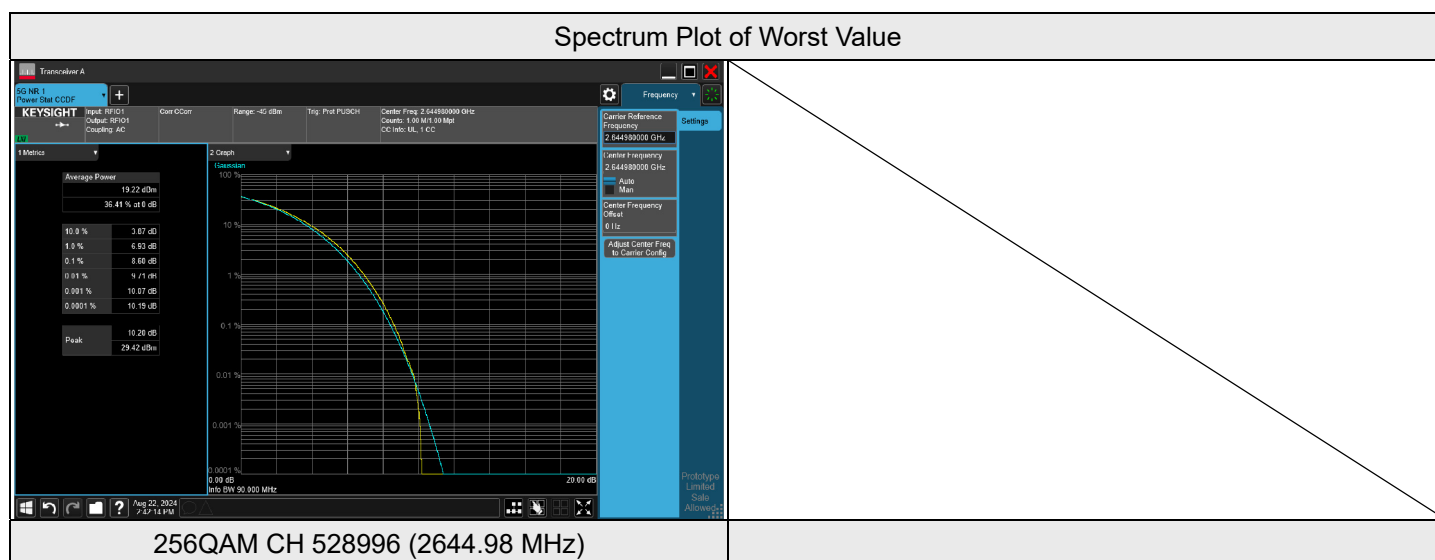
Spectrum Plot of Worst Value



256QAM CH 507204 (2536.02 MHz)

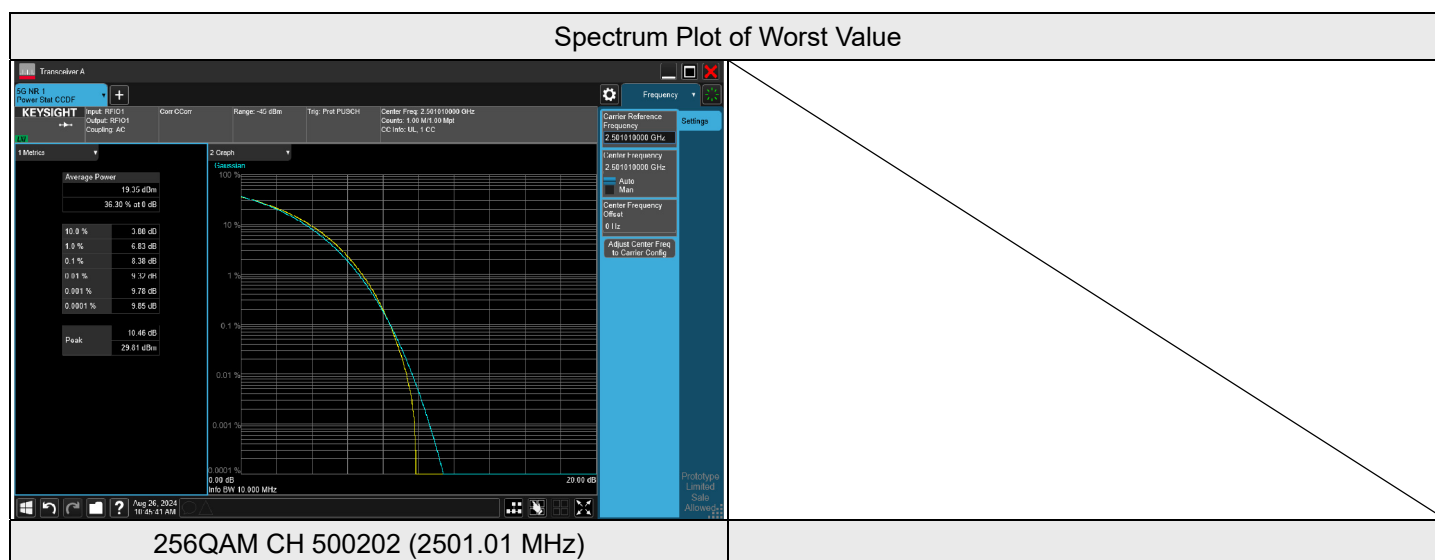
NR n41 SCS 30 kHz - MIMO-Ant 0, Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 508200	CH 518598	CH 528996
			2541 MHz	2592.99 MHz	2644.98 MHz
BPSK	1	244	4.98	4.45	4.76
	1	0	4.46	3.56	4.43
	243	0	4.74	5.32	3.93
QPSK	1	244	6.72	6.74	6.29
	1	0	6.22	5.67	6.66
	245	0	6.57	6.96	6.81
16QAM	1	244	6.45	7.03	7.12
	1	0	6.28	6.00	5.94
	245	0	6.84	6.96	7.01
64QAM	1	244	6.62	7.14	6.75
	1	0	6.59	5.72	6.62
	245	0	7.22	7.37	7.20
256QAM	1	244	8.37	8.44	8.08
	1	0	8.48	8.31	7.95
	245	0	8.37	8.53	8.60



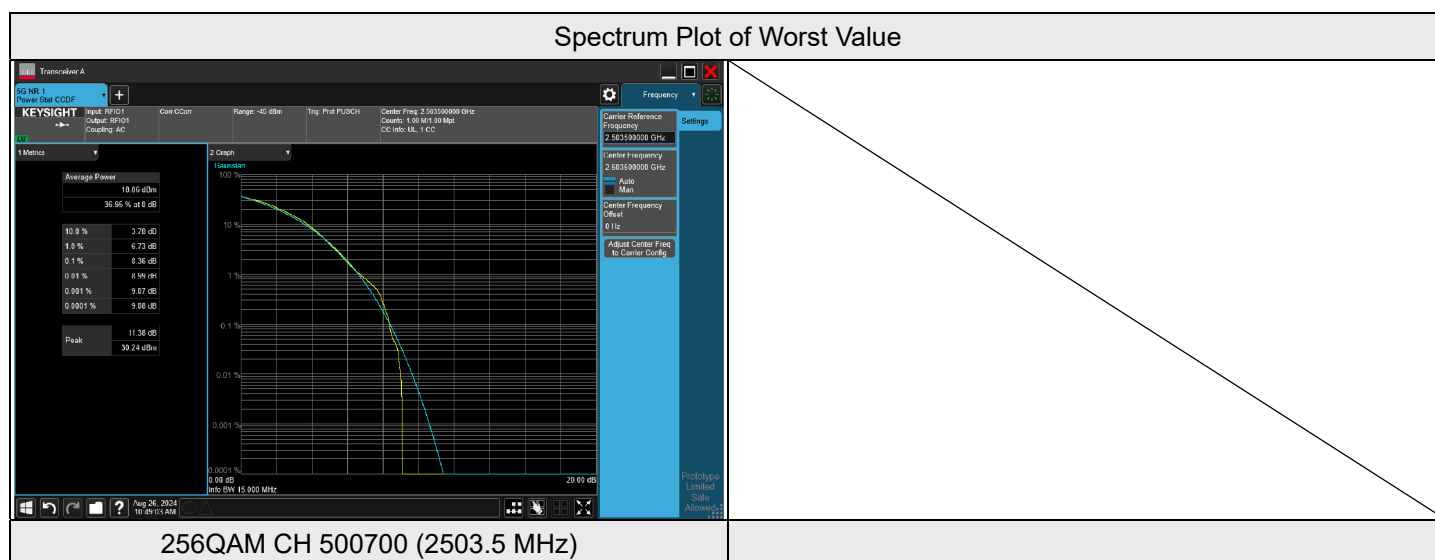
NR n41 SCS 30 kHz - MIMO-Ant 3, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 500202	CH 518598	CH 537000
			2501.01 MHz	2592.99 MHz	2685 MHz
BPSK	1	23	4.37	4.19	4.13
	1	0	4.34	4.41	4.00
	24	0	4.58	4.14	4.03
QPSK	1	23	6.66	6.62	6.27
	1	0	6.31	6.15	6.20
	24	0	6.43	5.96	6.34
16QAM	1	23	6.56	6.27	6.28
	1	0	6.32	6.12	6.61
	24	0	6.45	5.91	6.19
64QAM	1	23	6.97	6.70	6.86
	1	0	6.67	6.71	6.73
	24	0	6.66	6.43	6.68
256QAM	1	23	8.20	8.04	8.04
	1	0	8.04	8.19	7.81
	24	0	8.38	8.26	8.14



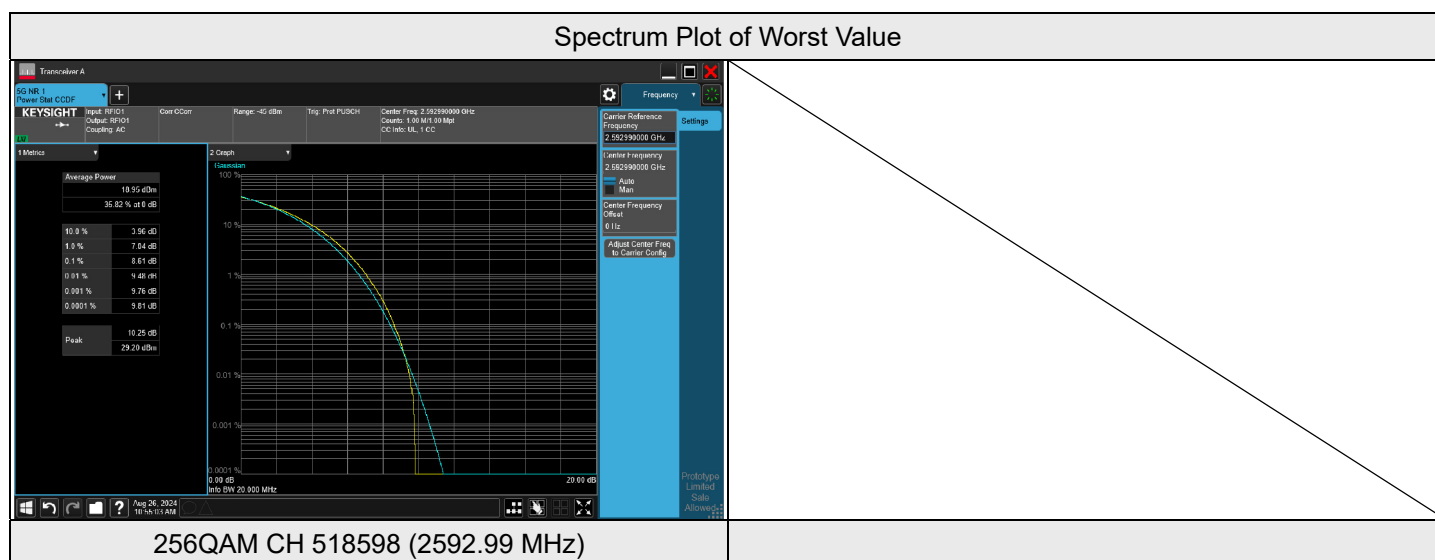
NR n41 SCS 30 kHz - MIMO-Ant 3, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 500700	CH 518598	CH 536496
			2503.5 MHz	2592.99 MHz	2682.48 MHz
BPSK	1	37	4.62	4.47	4.58
	1	0	4.29	4.35	4.63
	36	0	4.08	4.43	4.44
QPSK	1	37	6.56	6.49	6.42
	1	0	6.36	6.34	6.48
	38	0	6.58	6.26	6.44
16QAM	1	37	6.49	6.42	6.29
	1	0	6.27	5.99	6.50
	38	0	6.41	6.25	6.38
64QAM	1	37	7.21	6.72	6.79
	1	0	6.88	6.39	6.95
	38	0	7.00	6.78	6.99
256QAM	1	37	8.36	8.32	8.09
	1	0	8.04	8.00	8.28
	38	0	8.28	8.17	8.13



NR n41 SCS 30 kHz - MIMO-Ant 3, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 501204	CH 518598	CH 535998
			2506.02 MHz	2592.99 MHz	2679.99 MHz
BPSK	1	50	4.69	4.29	4.53
	1	0	4.16	4.35	4.31
	50	0	4.26	4.43	4.64
QPSK	1	50	6.79	6.41	6.41
	1	0	6.35	6.23	6.38
	51	0	6.56	6.45	6.70
16QAM	1	50	6.92	6.37	6.31
	1	0	6.28	5.94	6.54
	51	0	6.62	6.48	6.86
64QAM	1	50	7.10	6.84	6.91
	1	0	6.78	6.39	6.97
	51	0	7.15	6.86	6.82
256QAM	1	50	8.09	7.98	7.90
	1	0	8.02	8.23	8.28
	51	0	8.37	8.61	8.46



NR n41 SCS 30 kHz - MIMO-Ant 3, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 501702	CH 518598	CH 535500
			2508.51 MHz	2592.99 MHz	2677.5 MHz
BPSK	1	50	4.34	4.57	5.23
	1	0	4.3	4.66	5.24
	50	0	4.49	4.76	5.33
QPSK	1	50	6.58	6.2	6.2
	1	0	6.52	6.21	6.15
	51	0	6.67	6.27	6.35
16QAM	1	50	6.98	6.24	6.45
	1	0	7.05	6.37	6.44
	51	0	7.07	6.44	6.55
64QAM	1	50	8.15	8.32	8.63
	1	0	8.23	8.33	8.56
	51	0	8.35	8.43	8.67
256QAM	1	50	10.62	10.05	9.86
	1	0	10.63	9.97	10
	51	0	10.66	10.09	10.04

