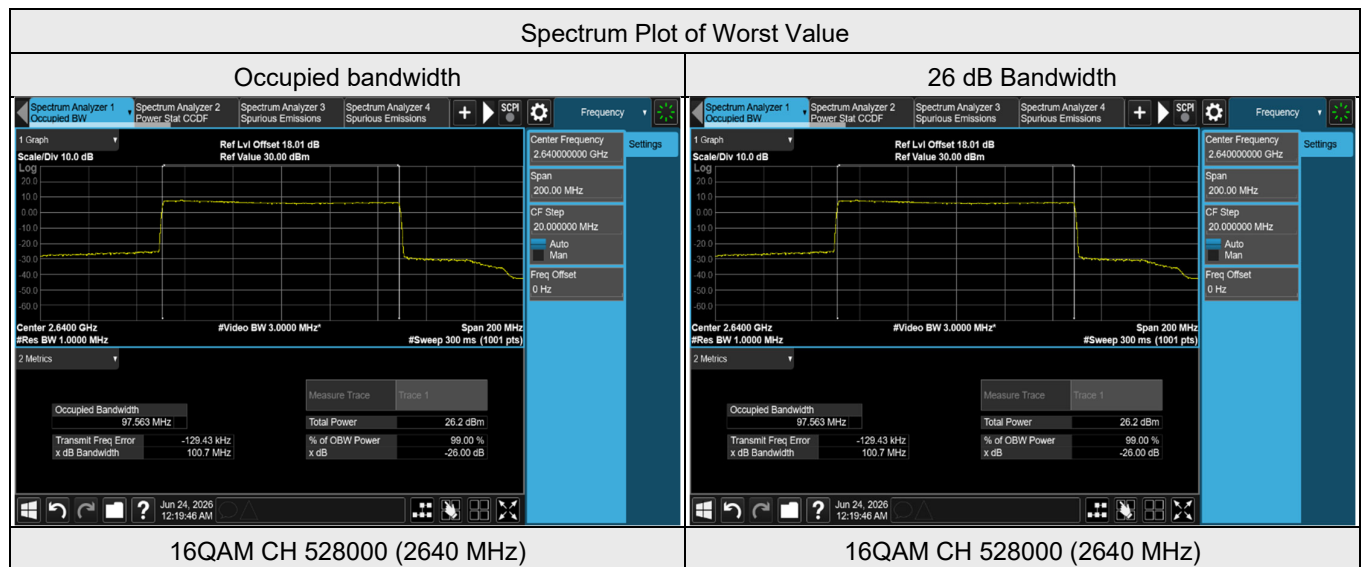


NR n41 SCS 30 kHz, Channel Bandwidth: 100 MHz

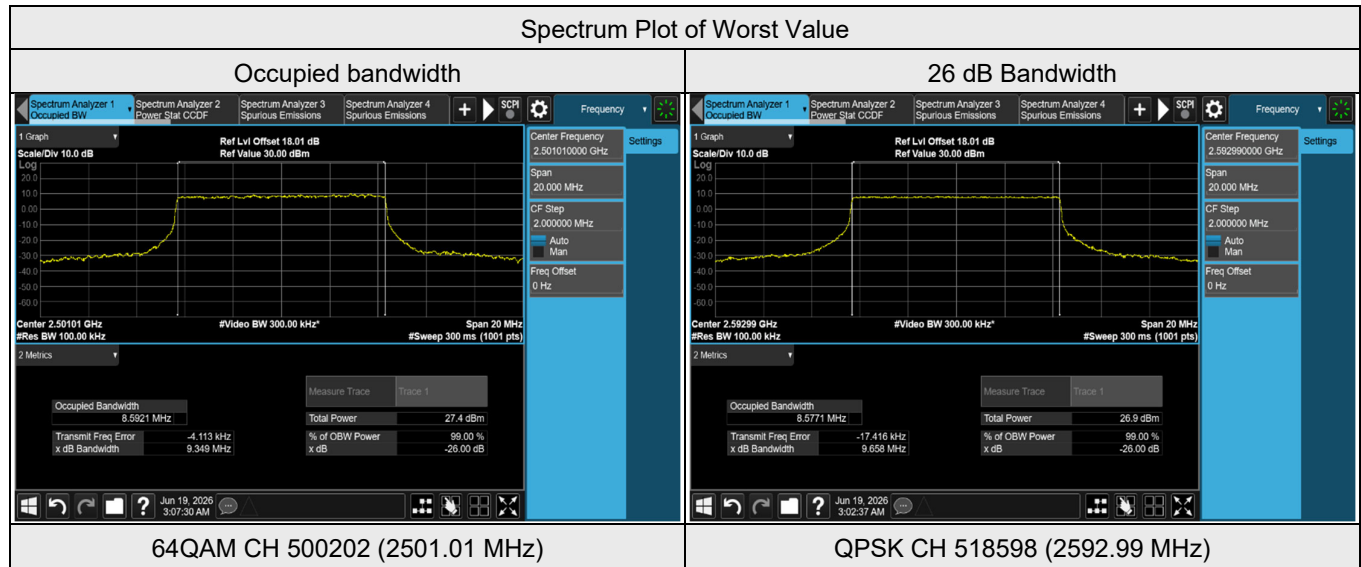
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	509202	2546.01	96.362	99.57
BPSK	518598	2592.99	96.423	99.58
BPSK	528000	2640	96.515	99.60
QPSK	509202	2546.01	97.360	100.7
QPSK	518598	2592.99	97.412	100.7
QPSK	528000	2640	97.515	100.7
16QAM	509202	2546.01	97.345	100.7
16QAM	518598	2592.99	97.418	100.7
16QAM	528000	2640	97.563	100.7
64QAM	509202	2546.01	97.381	100.7
64QAM	518598	2592.99	97.401	100.7
64QAM	528000	2640	97.473	100.7
256QAM	509202	2546.01	97.364	100.7
256QAM	518598	2592.99	97.378	100.7
256QAM	528000	2640	97.507	100.7



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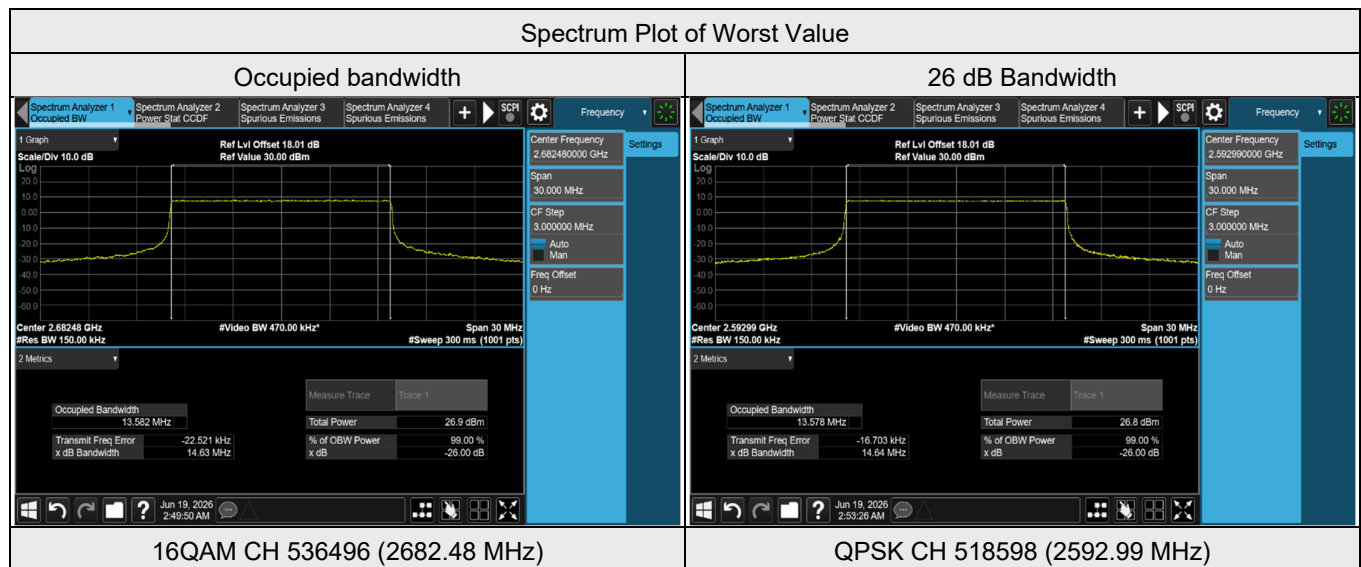
NR n41 SCS 30 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	500202	2501.01	8.5872	9.370
BPSK	518598	2592.99	8.5877	9.417
BPSK	537000	2685	8.5875	9.398
QPSK	500202	2501.01	8.5804	9.383
QPSK	518598	2592.99	8.5771	9.658
QPSK	537000	2685	8.5632	9.221
16QAM	500202	2501.01	8.5753	9.246
16QAM	518598	2592.99	8.5851	9.523
16QAM	537000	2685	8.5733	9.369
64QAM	500202	2501.01	8.5921	9.349
64QAM	518598	2592.99	8.5739	9.415
64QAM	537000	2685	8.5873	9.346
256QAM	500202	2501.01	8.5702	9.210
256QAM	518598	2592.99	8.5694	9.234
256QAM	537000	2685	8.5653	9.154



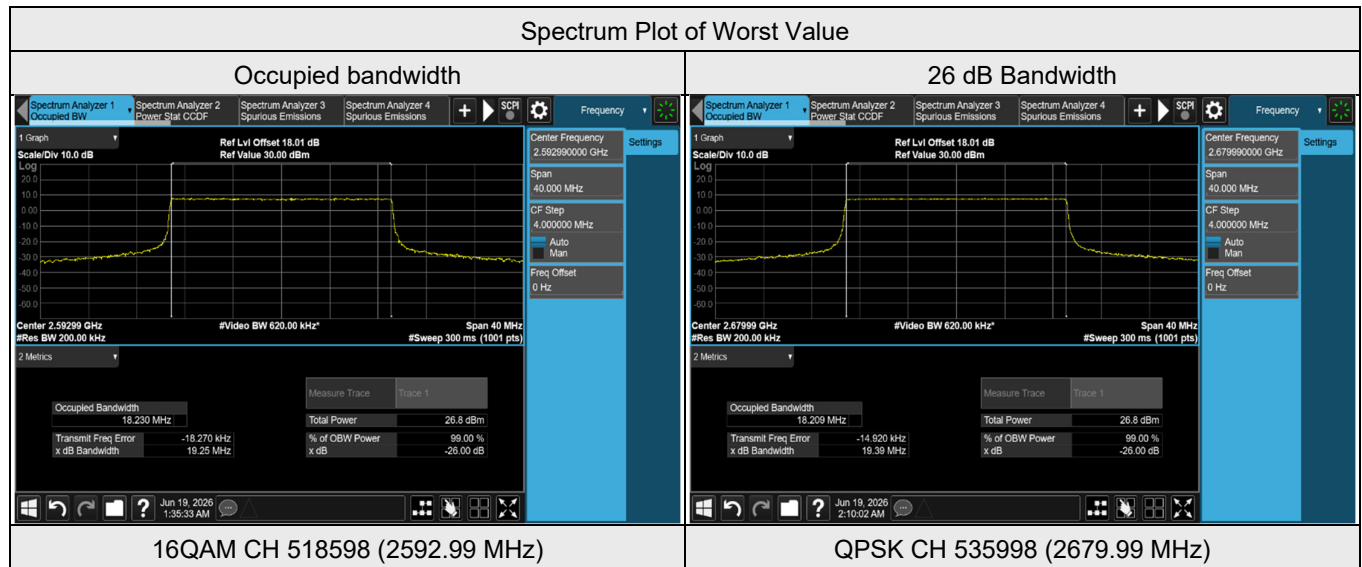
NR n41 SCS 30 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	500700	2503.5	12.871	13.74
BPSK	518598	2592.99	12.867	13.65
BPSK	536496	2682.48	12.858	13.70
QPSK	500700	2503.5	13.570	14.58
QPSK	518598	2592.99	13.578	14.64
QPSK	536496	2682.48	13.568	14.46
16QAM	500700	2503.5	13.564	14.41
16QAM	518598	2592.99	13.570	14.51
16QAM	536496	2682.48	13.582	14.63
64QAM	500700	2503.5	13.578	14.48
64QAM	518598	2592.99	13.580	14.48
64QAM	536496	2682.48	13.577	14.59
256QAM	500700	2503.5	13.568	14.33
256QAM	518598	2592.99	13.572	14.31
256QAM	536496	2682.48	13.561	14.37



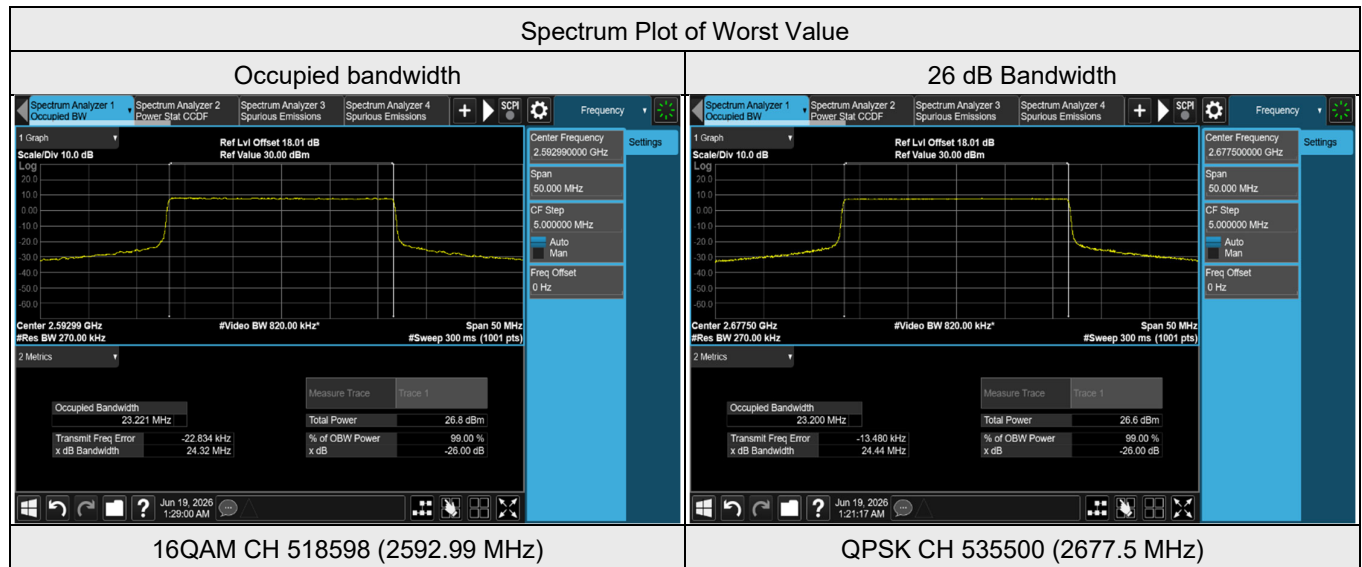
NR n41 SCS 30 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	501204	2506.02	17.835	18.63
BPSK	518598	2592.99	17.843	18.68
BPSK	535998	2679.99	17.855	18.78
QPSK	501204	2506.02	18.209	19.25
QPSK	518598	2592.99	18.215	19.29
QPSK	535998	2679.99	18.209	19.39
16QAM	501204	2506.02	18.209	19.36
16QAM	518598	2592.99	18.230	19.25
16QAM	535998	2679.99	18.204	19.28
64QAM	501204	2506.02	18.193	19.21
64QAM	518598	2592.99	18.201	19.32
64QAM	535998	2679.99	18.187	19.23
256QAM	501204	2506.02	18.193	19.10
256QAM	518598	2592.99	18.203	19.15
256QAM	535998	2679.99	18.194	19.16



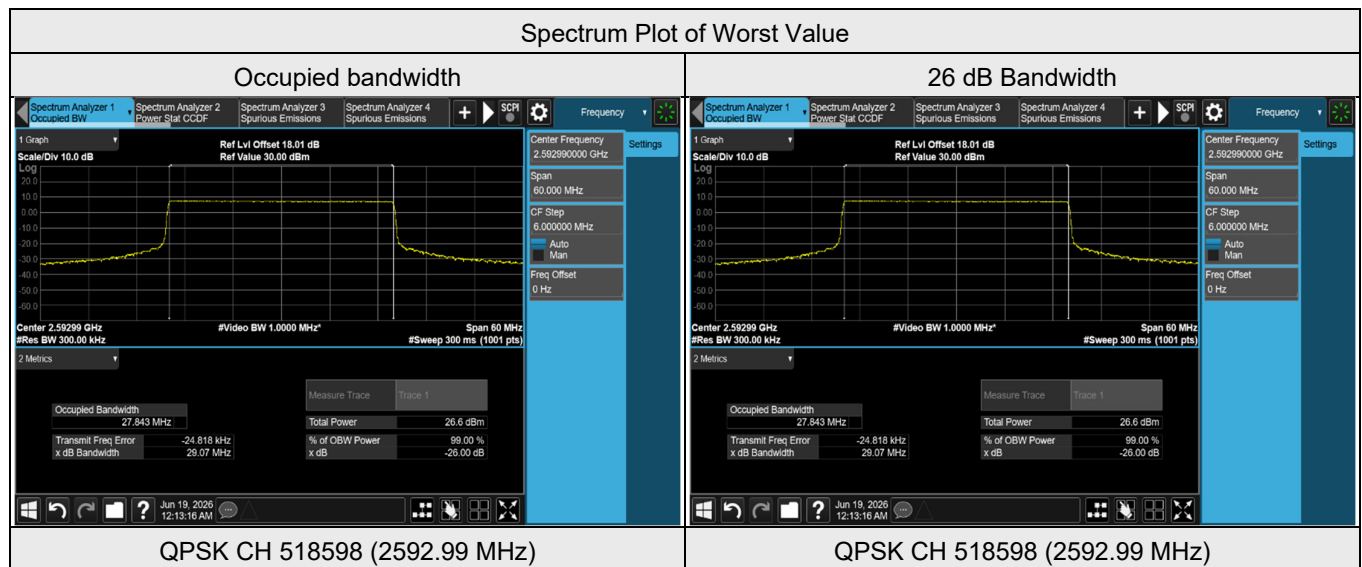
NR n41 SCS 30 kHz, Channel Bandwidth: 25 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	501702	2508.51	22.842	23.90
BPSK	518598	2592.99	22.867	23.93
BPSK	535500	2677.5	22.866	23.87
QPSK	501702	2508.51	23.202	24.37
QPSK	518598	2592.99	23.217	24.40
QPSK	535500	2677.5	23.200	24.44
16QAM	501702	2508.51	23.216	24.35
16QAM	518598	2592.99	23.221	24.32
16QAM	535500	2677.5	23.194	24.30
64QAM	501702	2508.51	23.202	24.23
64QAM	518598	2592.99	23.212	24.28
64QAM	535500	2677.5	23.203	24.32
256QAM	501702	2508.51	23.206	24.20
256QAM	518598	2592.99	23.213	24.22
256QAM	535500	2677.5	23.203	24.18



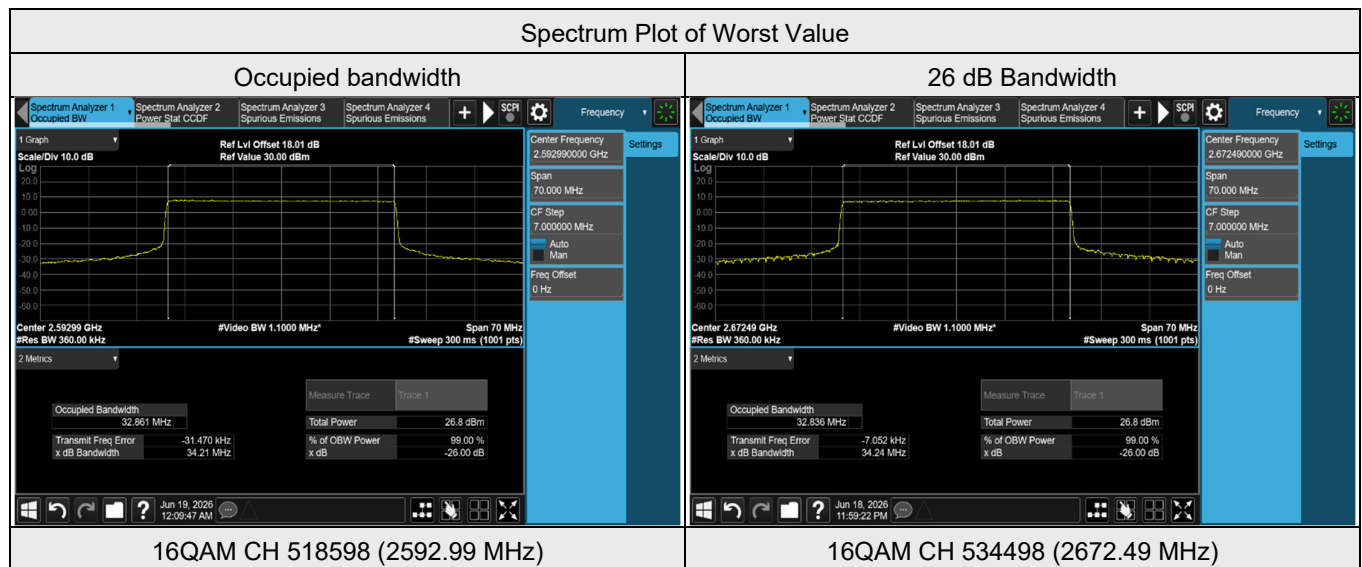
NR n41 SCS 30 kHz, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	502200	2511	26.764	27.88
BPSK	518598	2592.99	26.754	27.85
BPSK	534996	2674.98	26.748	27.82
QPSK	502200	2511	27.816	28.94
QPSK	518598	2592.99	27.843	29.07
QPSK	534996	2674.98	27.829	29.04
16QAM	502200	2511	27.837	28.97
16QAM	518598	2592.99	27.833	29.00
16QAM	534996	2674.98	27.825	28.97
64QAM	502200	2511	27.830	28.91
64QAM	518598	2592.99	27.826	28.93
64QAM	534996	2674.98	27.810	28.97
256QAM	502200	2511	27.815	28.92
256QAM	518598	2592.99	27.836	28.86
256QAM	534996	2674.98	27.814	28.92



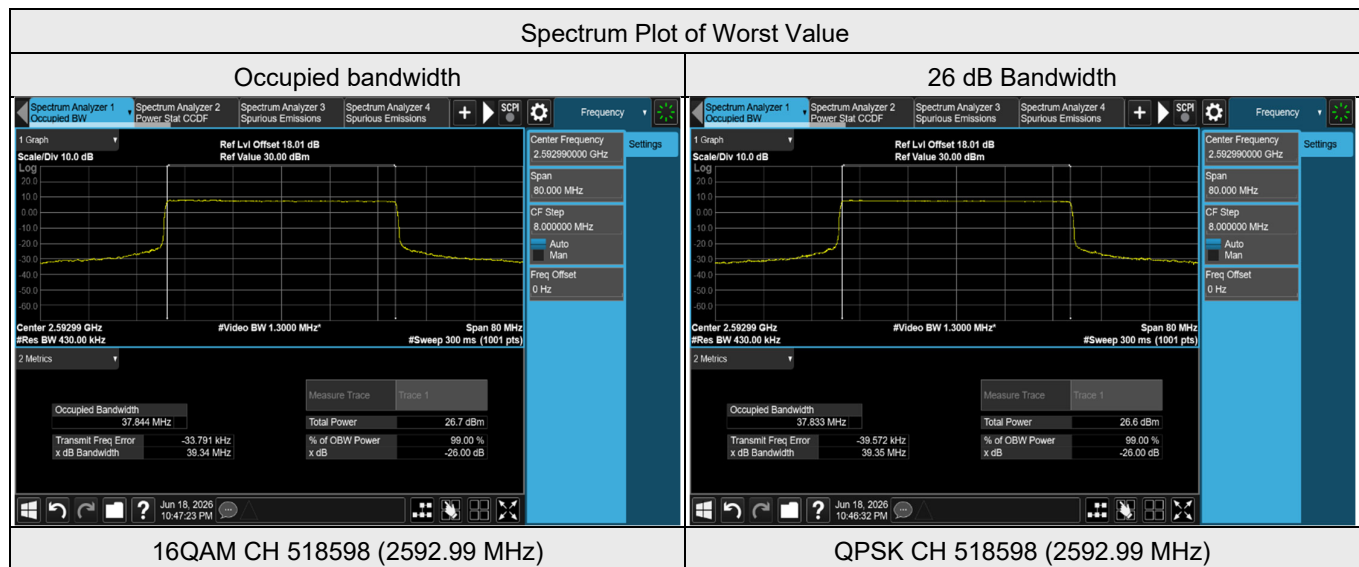
NR n41 SCS 30 kHz, Channel Bandwidth: 35 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	502704	2513.52	32.043	33.34
BPSK	518598	2592.99	32.127	33.39
BPSK	534498	2672.49	32.077	33.37
QPSK	502704	2513.52	32.811	34.19
QPSK	518598	2592.99	32.833	34.20
QPSK	534498	2672.49	32.823	34.23
16QAM	502704	2513.52	32.824	34.14
16QAM	518598	2592.99	32.861	34.21
16QAM	534498	2672.49	32.836	34.24
64QAM	502704	2513.52	32.807	34.15
64QAM	518598	2592.99	32.825	34.17
64QAM	534498	2672.49	32.815	34.13
256QAM	502704	2513.52	32.804	34.04
256QAM	518598	2592.99	32.843	34.08
256QAM	534498	2672.49	32.830	34.07



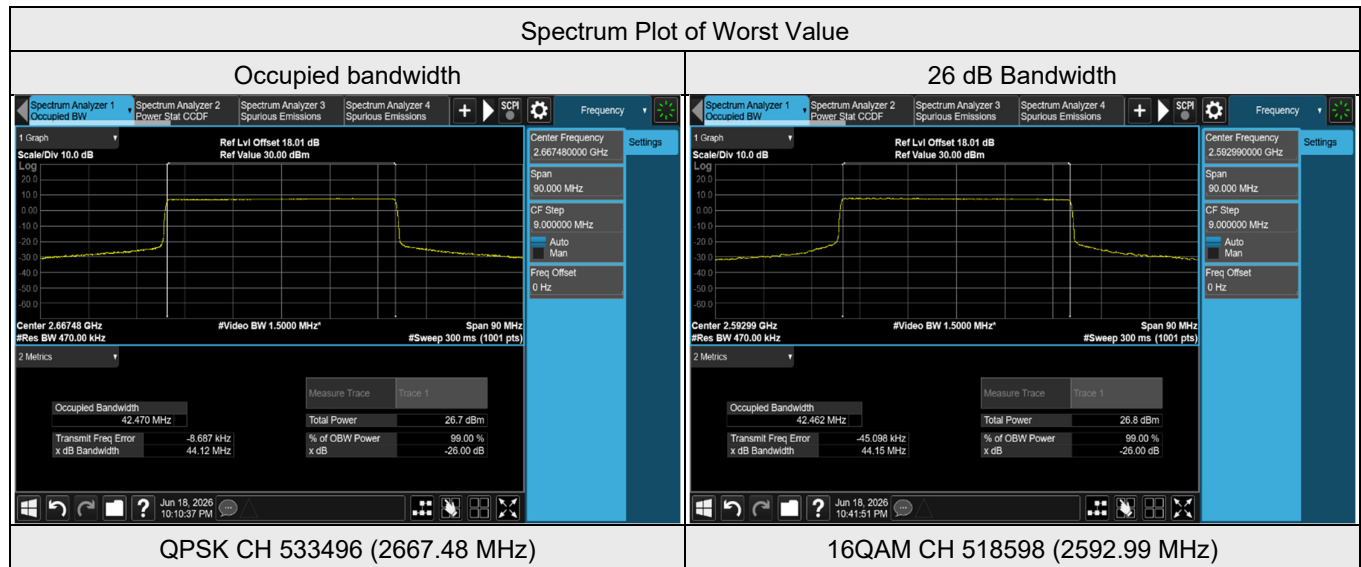
NR n41 SCS 30 kHz, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	503202	2516.01	35.657	37.14
BPSK	518598	2592.99	35.685	37.10
BPSK	534000	2670	35.672	37.14
QPSK	503202	2516.01	37.798	39.34
QPSK	518598	2592.99	37.833	39.35
QPSK	534000	2670	37.818	39.34
16QAM	503202	2516.01	37.808	39.30
16QAM	518598	2592.99	37.844	39.34
16QAM	534000	2670	37.824	39.29
64QAM	503202	2516.01	37.812	39.30
64QAM	518598	2592.99	37.825	39.29
64QAM	534000	2670	37.818	39.31
256QAM	503202	2516.01	37.786	39.27
256QAM	518598	2592.99	37.829	39.34
256QAM	534000	2670	37.811	39.28



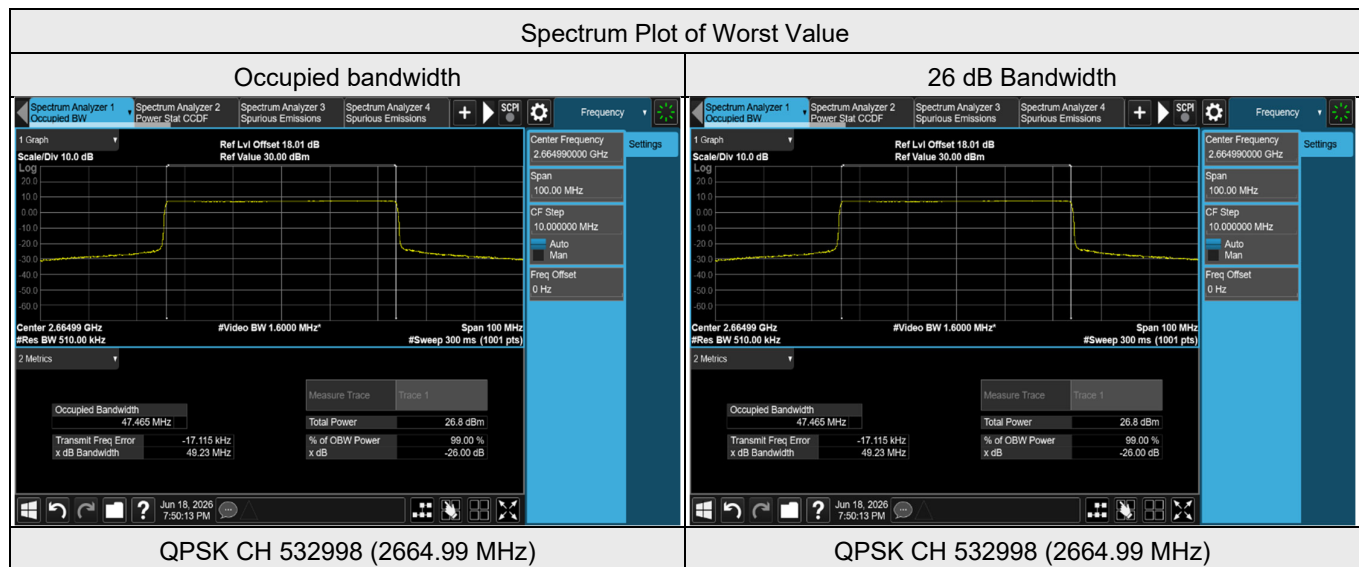
NR n41 SCS 30 kHz, Channel Bandwidth: 45 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	503700	2518.5	38.511	40.07
BPSK	518598	2592.99	38.552	40.08
BPSK	533496	2667.48	38.572	40.11
QPSK	503700	2518.5	42.430	44.09
QPSK	518598	2592.99	42.447	44.10
QPSK	533496	2667.48	42.470	44.12
16QAM	503700	2518.5	42.435	44.08
16QAM	518598	2592.99	42.462	44.15
16QAM	533496	2667.48	42.467	44.08
64QAM	503700	2518.5	42.410	44.01
64QAM	518598	2592.99	42.437	44.04
64QAM	533496	2667.48	42.449	44.00
256QAM	503700	2518.5	42.414	44.01
256QAM	518598	2592.99	42.438	44.00
256QAM	533496	2667.48	42.454	44.02



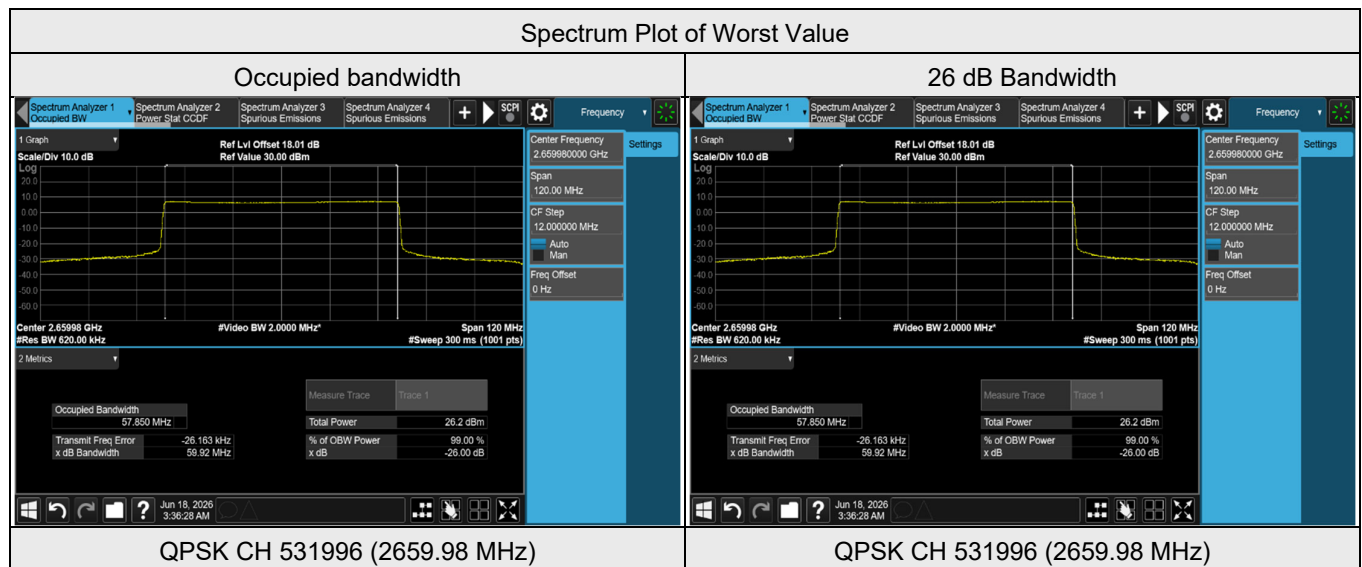
NR n41 SCS 30 kHz, Channel Bandwidth: 50 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	504204	2521.02	45.647	47.36
BPSK	518598	2592.99	45.665	47.36
BPSK	532998	2664.99	45.714	47.38
QPSK	504204	2521.02	46.886	49.03
QPSK	518598	2592.99	47.439	49.23
QPSK	532998	2664.99	47.465	49.23
16QAM	504204	2521.02	47.402	49.19
16QAM	518598	2592.99	47.449	49.21
16QAM	532998	2664.99	47.446	49.21
64QAM	504204	2521.02	47.381	49.22
64QAM	518598	2592.99	47.401	49.14
64QAM	532998	2664.99	47.438	49.18
256QAM	504204	2521.02	47.399	49.13
256QAM	518598	2592.99	47.416	49.14
256QAM	532998	2664.99	47.453	49.14



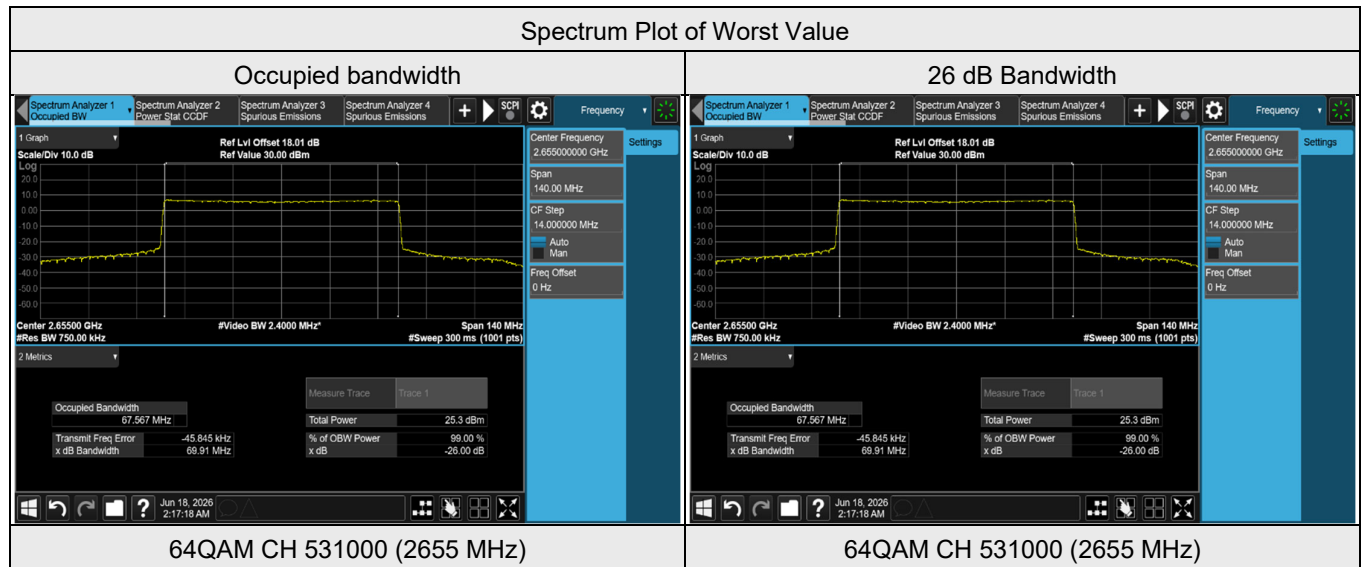
NR n41 SCS 30 kHz, Channel Bandwidth: 60 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	505200	2526	57.763	59.88
BPSK	518598	2592.99	57.754	59.81
BPSK	531996	2659.98	57.846	59.91
QPSK	505200	2526	57.748	59.89
QPSK	518598	2592.99	57.757	59.91
QPSK	531996	2659.98	57.850	59.92
16QAM	505200	2526	57.726	59.87
16QAM	518598	2592.99	57.743	59.87
16QAM	531996	2659.98	57.832	59.91
64QAM	505200	2526	57.776	59.87
64QAM	518598	2592.99	57.783	59.88
64QAM	531996	2659.98	57.828	59.92
256QAM	505200	2526	57.750	59.81
256QAM	518598	2592.99	57.755	59.83
256QAM	531996	2659.98	57.837	59.83



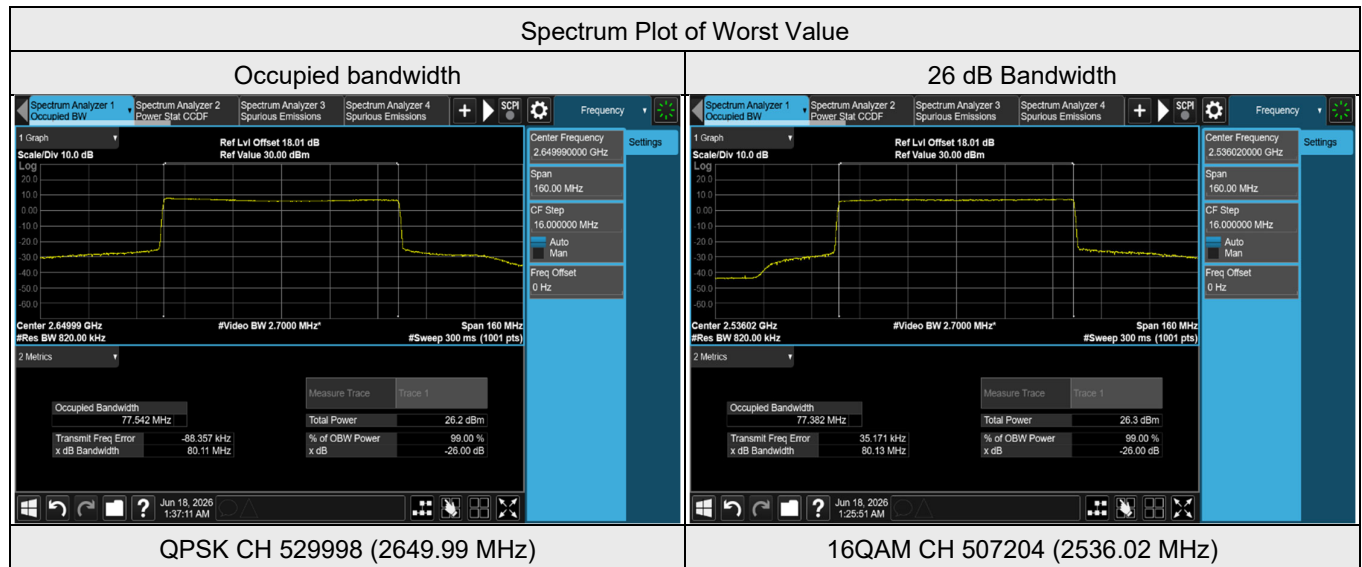
NR n41 SCS 30 kHz, Channel Bandwidth: 70 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	506202	2531.01	64.220	66.64
BPSK	518598	2592.99	64.191	66.61
BPSK	531000	2655	64.347	66.67
QPSK	506202	2531.01	67.387	69.89
QPSK	518598	2592.99	67.379	69.87
QPSK	531000	2655	67.522	69.91
16QAM	506202	2531.01	67.379	69.89
16QAM	518598	2592.99	67.340	69.85
16QAM	531000	2655	67.531	69.88
64QAM	506202	2531.01	67.411	69.90
64QAM	518598	2592.99	67.407	69.85
64QAM	531000	2655	67.567	69.91
256QAM	506202	2531.01	67.357	69.84
256QAM	518598	2592.99	67.342	69.80
256QAM	531000	2655	67.493	69.85



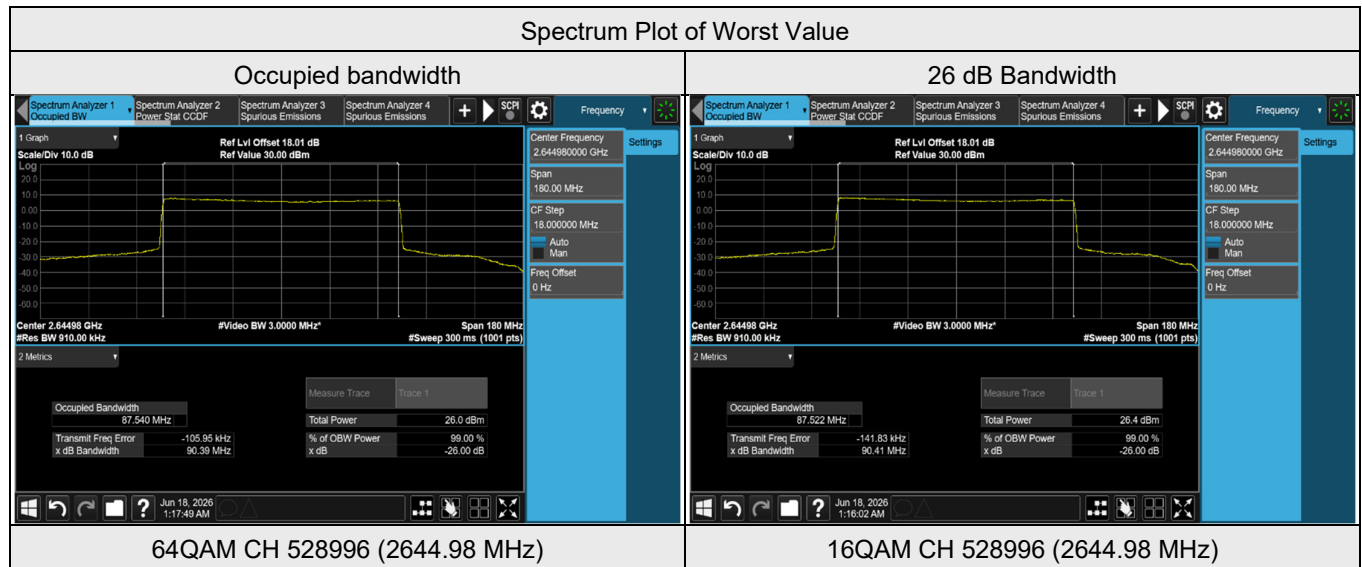
NR n41 SCS 30 kHz, Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	507204	2536.02	76.870	79.72
BPSK	518598	2592.99	76.986	79.76
BPSK	529998	2649.99	77.174	79.79
QPSK	507204	2536.02	77.364	80.12
QPSK	518598	2592.99	77.333	80.09
QPSK	529998	2649.99	77.542	80.11
16QAM	507204	2536.02	77.382	80.13
16QAM	518598	2592.99	77.340	80.09
16QAM	529998	2649.99	77.502	80.11
64QAM	507204	2536.02	77.373	80.11
64QAM	518598	2592.99	77.345	80.09
64QAM	529998	2649.99	77.513	80.09
256QAM	507204	2536.02	77.379	80.03
256QAM	518598	2592.99	77.338	80.06
256QAM	529998	2649.99	77.532	80.07



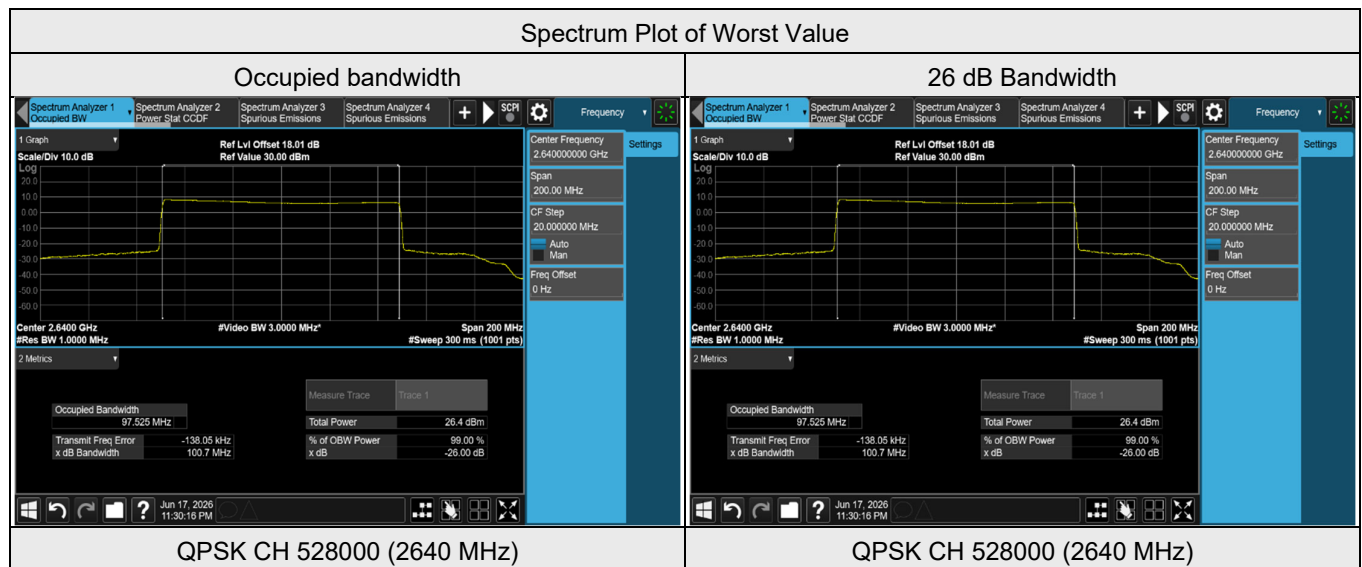
NR n41 SCS 30 kHz, Channel Bandwidth: 90 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	508200	2541	86.661	89.68
BPSK	518598	2592.99	86.587	89.67
BPSK	528996	2644.98	86.866	89.71
QPSK	508200	2541	87.332	90.38
QPSK	518598	2592.99	87.280	90.40
QPSK	528996	2644.98	87.537	90.37
16QAM	508200	2541	87.381	90.39
16QAM	518598	2592.99	87.253	90.35
16QAM	528996	2644.98	87.522	90.41
64QAM	508200	2541	87.333	90.35
64QAM	518598	2592.99	87.275	90.38
64QAM	528996	2644.98	87.540	90.39
256QAM	508200	2541	87.327	90.35
256QAM	518598	2592.99	87.259	90.35
256QAM	528996	2644.98	87.522	90.37



NR n41 SCS 30 kHz, Channel Bandwidth: 100 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	509202	2546.01	96.270	99.61
BPSK	518598	2592.99	96.196	99.56
BPSK	528000	2640	96.515	99.64
QPSK	509202	2546.01	97.279	100.7
QPSK	518598	2592.99	97.253	100.6
QPSK	528000	2640	97.525	100.7
16QAM	509202	2546.01	97.298	100.7
16QAM	518598	2592.99	97.278	100.7
16QAM	528000	2640	97.514	100.7
64QAM	509202	2546.01	97.305	100.7
64QAM	518598	2592.99	97.208	100.6
64QAM	528000	2640	97.523	100.7
256QAM	509202	2546.01	97.265	100.6
256QAM	518598	2592.99	97.157	100.6
256QAM	528000	2640	97.489	100.6

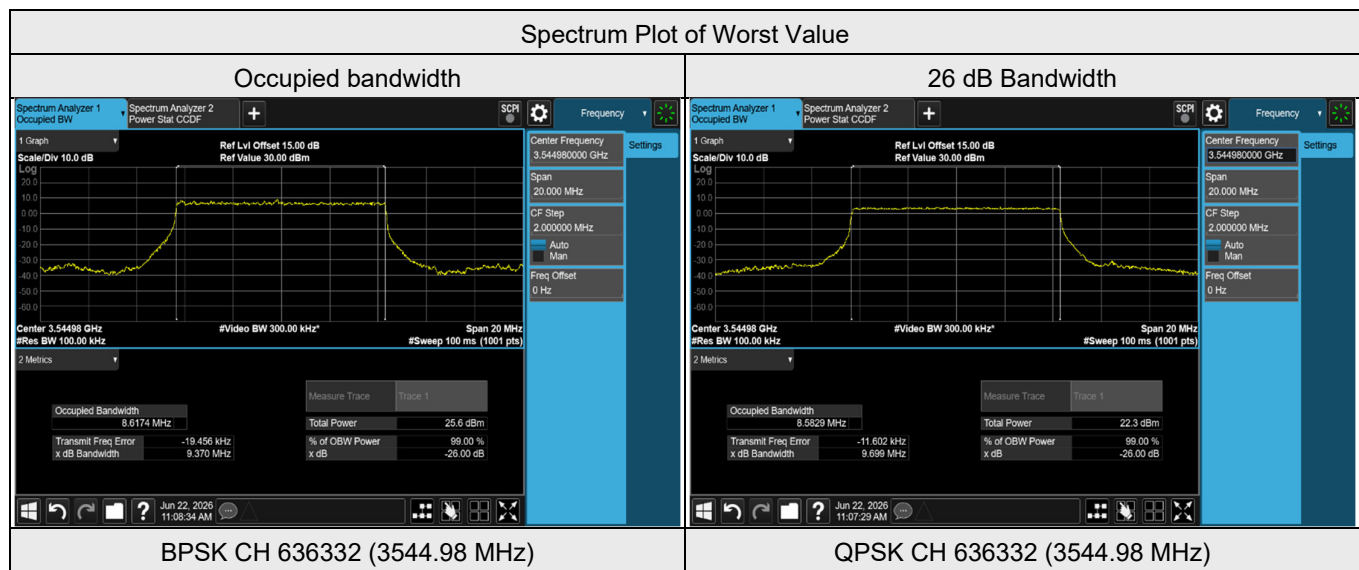


7.4.5 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

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NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630334	3455.01	8.6028	9.408
BPSK	633334	3500.01	8.6020	9.380
BPSK	636332	3544.98	8.6174	9.370
QPSK	630334	3455.01	8.5869	9.593
QPSK	633334	3500.01	8.5787	9.484
QPSK	636332	3544.98	8.5829	9.699
16QAM	630334	3455.01	8.5813	9.421
16QAM	633334	3500.01	8.5785	9.453
16QAM	636332	3544.98	8.5782	9.469
64QAM	630334	3455.01	8.5799	9.384
64QAM	633334	3500.01	8.5779	9.247
64QAM	636332	3544.98	8.5770	9.293
256QAM	630334	3455.01	8.5778	9.312
256QAM	633334	3500.01	8.5657	9.225
256QAM	636332	3544.98	8.5696	9.291



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	630500	3457.5	12.871	13.72
BPSK	633334	3500.01	12.896	13.71
BPSK	636166	3542.49	12.904	13.76
QPSK	630500	3457.5	13.572	14.63
QPSK	633334	3500.01	13.577	14.68
QPSK	636166	3542.49	13.580	14.60
16QAM	630500	3457.5	13.581	14.48
16QAM	633334	3500.01	13.590	14.57
16QAM	636166	3542.49	13.586	14.45
64QAM	630500	3457.5	13.594	14.50
64QAM	633334	3500.01	13.596	14.59
64QAM	636166	3542.49	13.590	14.49
256QAM	630500	3457.5	13.590	14.48
256QAM	633334	3500.01	13.576	14.48
256QAM	636166	3542.49	13.598	14.57

