

NR n7					
Modulation	OFDM	Channel Bandwidth	Frequency (MHz)	26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
QPSK	DFT-S-OFDM	5 MHz	2535	5.41	4.5549
		10 MHz	2535	10.15	8.9767
		15 MHz	2535	15.44	13.4269
		20 MHz	2535	19.82	17.8722
QPSK	CP-OFDM	5 MHz	2535	6	4.6361
		10 MHz	2535	11.39	9.3259
		15 MHz	2535	15.85	14.1325
		20 MHz	2535	21.02	18.8767
16QAM	CP-OFDM	5 MHz	2535	5.51	4.6542
		10 MHz	2535	10.85	9.3237
		15 MHz	2535	15.88	14.1553
		20 MHz	2535	20.62	18.8935
64QAM	CP-OFDM	5 MHz	2535	6.04	4.6117
		10 MHz	2535	10.47	9.3271
		15 MHz	2535	16	14.1311
		20 MHz	2535	20.86	18.8639
256QAM	CP-OFDM	5 MHz	2535	5.66	4.5972
		10 MHz	2535	10.69	9.3051
		15 MHz	2535	15.73	13.0872
		20 MHz	2535	20.26	18.8687

NR n41					
Modulation	OFDM	Channel Bandwidth	Frequency (MHz)	26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
QPSK	DFT-S-OFDM	10 MHz	2592.99	11.09	8.6587
		15 MHz	2592.99	15.46	12.9187
		20 MHz	2592.99	21.1	17.8760
		40 MHz	2592.99	40.52	35.9692
		50 MHz	2592.99	49.85	45.7138
		60 MHz	2592.99	66.41	57.9543
		80 MHz	2592.99	88.39	77.1276
		90 MHz	2592.99	101.78	87.8985
		100 MHz	2592.99	108.69	97.3958
QPSK	CP-OFDM	10 MHz	2592.99	11.83	8.7693
		15 MHz	2592.99	16.72	13.7421
		20 MHz	2592.99	21.26	18.2301
		40 MHz	2592.99	43.24	37.9193
		50 MHz	2592.99	52.35	47.3705
		60 MHz	2592.99	67.25	57.8195
		80 MHz	2592.99	88.39	77.3490
		90 MHz	2592.99	98.72	87.8767
		100 MHz	2592.99	108.89	97.3846
16QAM	CP-OFDM	10 MHz	2592.99	11.59	8.6386
		15 MHz	2592.99	15.97	13.6050
		20 MHz	2592.99	20.86	18.2792
		40 MHz	2592.99	43.32	37.8125
		50 MHz	2592.99	52.75	47.3049
		60 MHz	2592.99	64.62	57.8433
		80 MHz	2592.99	85.03	77.2275
		90 MHz	2592.99	101.6	87.8350
		100 MHz	2592.99	109.29	97.4348
64QAM	CP-OFDM	10 MHz	2592.99	10.97	8.6539
		15 MHz	2592.99	15.91	13.6614
		20 MHz	2592.99	21.1	18.2541
		40 MHz	2592.99	43.16	37.9368
		50 MHz	2592.99	52.75	47.2857
		60 MHz	2592.99	67.25	57.9735
		80 MHz	2592.99	88.71	77.3931
		90 MHz	2592.99	102.68	87.7849
		100 MHz	2592.99	108.49	97.4698

NR n41					
Modulation	OFDM	Channel Bandwidth	Frequency (MHz)	26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
256QAM	CP-OFDM	10 MHz	2592.99	10.55	8.6392
		15 MHz	2592.99	15.91	13.6238
		20 MHz	2592.99	20.94	18.2456
		40 MHz	2592.99	42.76	37.7966
		50 MHz	2592.99	52.45	47.3335
		60 MHz	2592.99	65.33	58.0193
		80 MHz	2592.99	88.07	77.3032
		90 MHz	2592.99	98.18	87.9065
		100 MHz	2592.99	105.69	97.3274

NR n77					
Modulation	OFDM	Channel Bandwidth	Frequency (MHz)	26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
QPSK	DFT-S-OFDM	10 MHz	3840	9.81	8.6084
		15 MHz	3840	14.65	12.8998
		20 MHz	3840	19.82	17.8287
		40 MHz	3840	39.48	35.8996
		50 MHz	3840	49.45	45.6036
		60 MHz	3840	61.02	57.7614
		80 MHz	3840	80.88	76.7782
		90 MHz	3840	91.35	86.9334
		100 MHz	3840	100.9	96.1545
QPSK	CP-OFDM	10 MHz	3840	9.85	8.6258
		15 MHz	3840	15.07	13.6000
		20 MHz	3840	19.74	18.1918
		40 MHz	3840	40.2	37.8158
		50 MHz	3840	50.75	47.2972
		60 MHz	3840	61.26	57.7196
		80 MHz	3840	83.44	77.2941
		90 MHz	3840	92.61	87.5816
		100 MHz	3840	101.3	97.1555
16QAM	CP-OFDM	10 MHz	3840	9.89	8.5945
		15 MHz	3840	15.16	13.5935
		20 MHz	3840	19.78	18.1606
		40 MHz	3840	40.44	37.6914
		50 MHz	3840	50.05	47.2547
		60 MHz	3840	61.26	57.6049
		80 MHz	3840	81.2	77.2511
		90 MHz	3840	91.89	87.3614
		100 MHz	3840	101.3	97.0166
64QAM	CP-OFDM	10 MHz	3840	9.87	8.6218
		15 MHz	3840	15.04	13.6202
		20 MHz	3840	20.02	18.2335
		40 MHz	3840	39.96	37.7617
		50 MHz	3840	50.15	47.2453
		60 MHz	3840	61.38	57.7935
		80 MHz	3840	81.04	77.1004
		90 MHz	3840	91.35	87.4785
		100 MHz	3840	101.1	97.1701

NR n77					
Modulation	OFDM	Channel Bandwidth	Frequency (MHz)	26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
256QAM	CP-OFDM	10 MHz	3840	9.81	8.6191
		15 MHz	3840	14.98	13.6183
		20 MHz	3840	19.78	18.1834
		40 MHz	3840	39.96	37.6845
		50 MHz	3840	50.35	47.2874
		60 MHz	3840	61.5	57.8231
		80 MHz	3840	81.2	77.2560
		90 MHz	3840	91.71	87.6654
		100 MHz	3840	101.1	97.0857

NR n77 (3450-3550)					
Modulation	OFDM	Channel Bandwidth	Frequency (MHz)	26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
QPSK	DFT-S-OFDM	10 MHz	3500.01	9.83	8.6018
		15 MHz	3500.01	14.71	12.9259
		20 MHz	3500.01	19.2	17.8584
		40 MHz	3500.01	39.48	35.8918
		50 MHz	3500.01	50.45	47.3947
		60 MHz	3500.01	62.1	57.7866
		80 MHz	3500.01	83.6	77.2980
		90 MHz	3500.01	95.3	87.6668
		100 MHz	3500.01	103.5	97.2341
QPSK	CP-OFDM	10 MHz	3500.01	9.97	8.6338
		15 MHz	3500.01	15.2	13.6234
		20 MHz	3500.01	19.94	18.2236
		40 MHz	3500.01	40.52	37.8213
		50 MHz	3500.01	50.55	47.3490
		60 MHz	3500.01	62.22	57.8613
		80 MHz	3500.01	83.28	77.3718
		90 MHz	3500.01	94.77	87.7247
		100 MHz	3500.01	103.5	97.2142
16QAM	CP-OFDM	10 MHz	3500.01	9.99	8.6511
		15 MHz	3500.01	15.31	13.6286
		20 MHz	3500.01	19.9	18.2066
		40 MHz	3500.01	40.6	37.7272
		50 MHz	3500.01	50.65	47.3170
		60 MHz	3500.01	61.86	57.6789
		80 MHz	3500.01	82	77.2853
		90 MHz	3500.01	94.95	87.5993
		100 MHz	3500.01	102.9	97.0520
64QAM	CP-OFDM	10 MHz	3500.01	9.93	8.6359
		15 MHz	3500.01	15.11	13.6094
		20 MHz	3500.01	19.94	18.2049
		40 MHz	3500.01	41.16	37.8244
		50 MHz	3500.01	50.65	47.2235
		60 MHz	3500.01	62.7	57.7859
		80 MHz	3500.01	82.8	77.2055
		90 MHz	3500.01	95.12	87.5779
		100 MHz	3500.01	102.5	97.2319

NR n77 (3450-3550)					
Modulation	OFDM	Channel Bandwidth	Frequency (MHz)	26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
256QAM	CP-OFDM	10 MHz	3500.01	9.83	8.6168
		15 MHz	3500.01	15.2	13.6104
		20 MHz	3500.01	19.98	18.2168
		40 MHz	3500.01	40.36	37.7175
		50 MHz	3500.01	50.85	47.3366
		60 MHz	3500.01	62.34	57.8103
		80 MHz	3500.01	81.68	77.2824
		90 MHz	3500.01	92.97	87.7809
		100 MHz	3500.01	102.1	97.1021