

## *Appendix F – Conducted Power for NR Lower Bandwidth*

NR Band n48											
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	
638000	640444	642888	645332	Channel							
3570	3606.66	3643.32	3679.98	Freq. (MHz)							
19.32	19.26	19.36	19.31	19.5	DFT-S $\pi/2$ BPSK	40MHz	1	1	0	0	
19.15	19.21	19.28	19.06	19.5	DFT-S $\pi/2$ BPSK	40MHz	1	53	0	0	
19.14	19.20	19.25	19.06	19.5	DFT-S $\pi/2$ BPSK	40MHz	1	104	0	0	
18.79	18.67	18.73	18.76	19	DFT-S $\pi/2$ BPSK	40MHz	50	0	0-0.5	0.5	
19.27	19.22	19.29	19.20	19.5	DFT-S $\pi/2$ BPSK	40MHz	50	28	0	0	
18.77	18.56	18.81	18.74	19	DFT-S $\pi/2$ BPSK	40MHz	50	56	0-0.5	0.5	
18.31	18.06	18.35	18.26	19	DFT-S $\pi/2$ BPSK	40MHz	100	0	0-1	0.5	
19.36	19.38	19.39	19.32	19.5	DFT-S QPSK	40MHz	1	1	0	0	
19.34	19.19	19.22	19.28	19.5	DFT-S QPSK	40MHz	1	53	0	0	
19.33	19.14	19.15	19.31	19.5	DFT-S QPSK	40MHz	1	104	0	0	
18.39	18.30	18.34	18.37	18.5	DFT-S QPSK	40MHz	50	0	0-1	1	
19.34	19.18	19.36	19.32	19.5	DFT-S QPSK	40MHz	50	28	0	0	
18.43	18.29	18.10	18.36	18.5	DFT-S QPSK	40MHz	50	56	0-1	1	
18.24	18.25	18.01	18.21	18.5	DFT-S QPSK	40MHz	100	0	0-1	1	
18.39	18.14	18.05	18.38	18.5	DFT-S 16QAM	40MHz	1	1	0-1	1	
16.74	16.76	16.50	16.69	17	DFT-S 64QAM	40MHz	1	1	0-2.5	2.5	
14.80	14.81	14.52	14.76	15	DFT-S 256QAM	40MHz	1	1	0-4.5	4.5	
17.72	17.74	17.49	17.68	18	CP QPSK	40MHz	1	1	0-1.5	1.5	

NR Band n48											
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	
637668	640334	643000	645666	Channel							
3565.02	3605.01	3645	3684.99	Freq. (MHz)							
19.30	19.16	19.29	19.36	19.5	DFT-S $\pi/2$ BPSK	30MHz	1	1	0	0	
19.14	19.20	19.18	19.04	19.5	DFT-S $\pi/2$ BPSK	30MHz	1	39	0	0	
19.10	19.11	19.16	19.00	19.5	DFT-S $\pi/2$ BPSK	30MHz	1	76	0	0	
18.74	18.61	18.63	18.73	19	DFT-S $\pi/2$ BPSK	30MHz	36	0	0-0.5	0.5	
19.23	19.17	19.23	19.10	19.5	DFT-S $\pi/2$ BPSK	30MHz	36	21	0	0	
18.76	18.55	18.78	18.73	19	DFT-S $\pi/2$ BPSK	30MHz	36	42	0-0.5	0.5	
18.29	18.03	18.27	18.25	19	DFT-S $\pi/2$ BPSK	30MHz	75	0	0-1	0.5	
19.35	19.22	19.30	19.34	19.5	DFT-S QPSK	30MHz	1	1	0	0	
19.27	19.13	19.15	19.23	19.5	DFT-S QPSK	30MHz	1	39	0	0	
19.26	19.05	19.11	19.28	19.5	DFT-S QPSK	30MHz	1	76	0	0	
18.34	18.22	18.29	18.30	18.5	DFT-S QPSK	30MHz	36	0	0-1	1	
19.32	19.09	19.26	19.23	19.5	DFT-S QPSK	30MHz	36	21	0	0	
18.37	18.22	18.07	18.26	18.5	DFT-S QPSK	30MHz	36	42	0-1	1	
18.21	18.21	17.95	18.19	18.5	DFT-S QPSK	30MHz	75	0	0-1	1	
18.36	18.12	18.01	18.29	18.5	DFT-S 16QAM	30MHz	1	1	0-1	1	
16.71	16.75	16.43	16.61	17	DFT-S 64QAM	30MHz	1	1	0-2.5	2.5	
14.79	14.73	14.42	14.72	15	DFT-S 256QAM	30MHz	1	1	0-4.5	4.5	
17.67	17.71	17.41	17.63	18	CP QPSK	30MHz	1	1	0-1.5	1.5	

NR Band n48											
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	
637334	640220	643114	646000	Channel							
3560.01	3603.3	3646.71	3690	Freq. (MHz)							
19.35	19.19	19.34	19.33	19.5	DFT-S $\pi/2$ BPSK	20MHz	1	1	0	0	
19.09	19.19	19.18	18.96	19.5	DFT-S $\pi/2$ BPSK	20MHz	1	26	0	0	
19.13	19.11	19.17	19.04	19.5	DFT-S $\pi/2$ BPSK	20MHz	1	49	0	0	
18.74	18.59	18.69	18.67	19	DFT-S $\pi/2$ BPSK	20MHz	25	0	0-0.5	0.5	
19.19	19.16	19.22	19.19	19.5	DFT-S $\pi/2$ BPSK	20MHz	25	13	0	0	
18.71	18.48	18.74	18.70	19	DFT-S $\pi/2$ BPSK	20MHz	25	26	0-0.5	0.5	
18.26	17.98	18.31	18.16	19	DFT-S $\pi/2$ BPSK	20MHz	50	0	0-1	0.5	
19.36	19.28	19.28	19.10	19.5	DFT-S QPSK	20MHz	1	1	0	0	
19.32	19.09	19.22	19.18	19.5	DFT-S QPSK	20MHz	1	26	0	0	
19.27	19.12	19.05	19.26	19.5	DFT-S QPSK	20MHz	1	49	0	0	
18.29	18.23	18.25	18.30	18.5	DFT-S QPSK	20MHz	25	0	0-1	1	
19.25	19.15	19.33	19.25	19.5	DFT-S QPSK	20MHz	25	13	0	0	
18.34	18.22	18.02	18.29	18.5	DFT-S QPSK	20MHz	25	26	0-1	1	
18.24	18.16	17.91	18.14	18.5	DFT-S QPSK	20MHz	50	0	0-1	1	
18.30	18.06	17.95	18.33	18.5	DFT-S 16QAM	20MHz	1	1	0-1	1	
16.72	16.68	16.44	16.59	17	DFT-S 64QAM	20MHz	1	1	0-2.5	2.5	
14.78	14.73	14.42	14.73	15	DFT-S 256QAM	20MHz	1	1	0-4.5	4.5	
17.64	17.74	17.47	17.62	18	CP QPSK	20MHz	1	1	0-1.5	1.5	

NR Band n48											
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	
637168	640168	643166	646166	Channel							
3557.52	3602.52	3647.49	3692.49	Freq. (MHz)							
19.33	19.24	19.36	19.30	19.5	DFT-S $\pi/2$ BPSK	15MHz	1	1	0	0	
19.07	19.11	19.18	19.00	19.5	DFT-S $\pi/2$ BPSK	15MHz	1	19	0	0	
19.09	19.18	19.20	19.00	19.5	DFT-S $\pi/2$ BPSK	15MHz	1	36	0	0	
18.71	18.62	18.64	18.70	19	DFT-S $\pi/2$ BPSK	15MHz	18	0	0-0.5	0.5	
19.19	19.14	19.26	19.14	19.5	DFT-S $\pi/2$ BPSK	15MHz	18	10	0	0	
18.73	18.52	18.77	18.67	19	DFT-S $\pi/2$ BPSK	15MHz	18	20	0-0.5	0.5	
18.25	18.01	18.28	18.20	19	DFT-S $\pi/2$ BPSK	15MHz	36	0	0-1	0.5	
19.33	19.27	19.22	19.37	19.5	DFT-S QPSK	15MHz	1	1	0	0	
19.30	19.10	19.20	19.19	19.5	DFT-S QPSK	15MHz	1	19	0	0	
19.28	19.12	19.05	19.30	19.5	DFT-S QPSK	15MHz	1	36	0	0	
18.33	18.30	18.25	18.28	18.5	DFT-S QPSK	15MHz	18	0	0-1	1	
19.27	19.15	19.30	19.26	19.5	DFT-S QPSK	15MHz	18	10	0	0	
18.36	18.21	18.07	18.31	18.5	DFT-S QPSK	15MHz	18	20	0-1	1	
18.23	18.18	17.92	18.20	18.5	DFT-S QPSK	15MHz	36	0	0-1	1	
18.38	18.05	18.05	18.28	18.5	DFT-S 16QAM	15MHz	1	1	0-1	1	
16.74	16.74	16.47	16.68	17	DFT-S 64QAM	15MHz	1	1	0-2.5	2.5	
14.78	14.71	14.43	14.69	15	DFT-S 256QAM	15MHz	1	1	0-4.5	4.5	
17.69	17.69	17.43	17.59	18	CP QPSK	15MHz	1	1	0-1.5	1.5	

NR Band n48											
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	
637000	640110	643222	646332	Channel							
3555	3601.65	3648.33	3694.98	Freq. (MHz)							
19.37	19.20	19.28	19.33	19.5	DFT-S $\pi/2$ BPSK	10MHz	1	1	0	0	
19.09	19.11	19.19	19.01	19.5	DFT-S $\pi/2$ BPSK	10MHz	1	11	0	0	
19.11	19.18	19.18	19.00	19.5	DFT-S $\pi/2$ BPSK	10MHz	1	22	0	0	
18.71	18.64	18.70	18.76	19	DFT-S $\pi/2$ BPSK	10MHz	12	0	0-0.5	0.5	
19.18	19.20	19.24	19.15	19.5	DFT-S $\pi/2$ BPSK	10MHz	12	6	0	0	
18.75	18.54	18.72	18.68	19	DFT-S $\pi/2$ BPSK	10MHz	12	12	0-0.5	0.5	
18.21	17.98	18.26	18.18	19	DFT-S $\pi/2$ BPSK	10MHz	24	0	0-1	0.5	
19.24	19.32	19.33	19.25	19.5	DFT-S QPSK	10MHz	1	1	0	0	
19.33	19.19	19.15	19.22	19.5	DFT-S QPSK	10MHz	1	11	0	0	
19.24	19.09	19.13	19.25	19.5	DFT-S QPSK	10MHz	1	22	0	0	
18.38	18.23	18.30	18.32	18.5	DFT-S QPSK	10MHz	12	0	0-1	1	
19.31	19.09	19.32	19.28	19.5	DFT-S QPSK	10MHz	12	6	0	0	
18.37	18.22	18.00	18.33	18.5	DFT-S QPSK	10MHz	12	12	0-1	1	
18.19	18.21	17.93	18.19	18.5	DFT-S QPSK	10MHz	24	0	0-1	1	
18.34	18.10	17.99	18.37	18.5	DFT-S 16QAM	10MHz	1	1	0-1	1	
16.67	16.70	16.50	16.66	17	DFT-S 64QAM	10MHz	1	1	0-2.5	2.5	
14.76	14.72	14.44	14.67	15	DFT-S 256QAM	10MHz	1	1	0-4.5	4.5	
17.68	17.64	17.48	17.67	18	CP QPSK	10MHz	1	1	0-1.5	1.5	