5G N38-State 11 -Ant.0							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	22.68	22.51	22.86	24.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	22.52	22.83	22.77	24.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2615	
30	DFT-s-OFDM BPSK	1	1	22.98	22.81	22.86	24.20
		1	39	**23.03**	22.88	22.91	24.20
		1	76	22.93	22.76	22.83	24.20
	DFT-s-OFDM BPSK	36	0	**23.07**	22.74	22.61	24.20
		36	21	22.94	22.83	22.96	24.20
		36	42	23.04	22.83	22.90	24.20
	DFT-s-OFDM BPSK	75	0	**22.97**	22.94	22.76	24.20
	DFT-s-OFDM QPSK	1	1	22.57	22.51	22.77	24.20
	DFT-s-OFDM 16QAM	1	1	21.68	21.79	21.88	23.20
	DFT-s-OFDM 64QAM	1	1	20.36	20.24	20.34	22.20
	DFT-s-OFDM	1	1	18.45	18.62	18.51	20.20
	CP-OFDM QPSK	1	1	21.26	21.32	21.21	23.20
	CP-OFDM 16QAM	1	1	20.79	20.74	20.78	22.70
	CP-OFDM 64QAM	1	1	19.28	19.27	19.30	21.20
	CP-OFDM 256QAM	1	1	16.06	16.04	15.88	17.70

5G N38-State 15 -Ant.0							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	22.68	22.51	22.86	23.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	22.52	22.83	22.77	23.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2615	
30	DFT-s-OFDM BPSK	1	1	22.98	22.81	22.86	23.20
		1	39	**23.03**	22.88	22.91	23.20
		1	76	22.93	22.76	22.83	23.20
	DFT-s-OFDM BPSK	36	0	**23.07**	22.74	22.61	23.20
		36	21	22.94	22.83	22.96	23.20
		36	42	23.04	22.83	22.90	23.20
	DFT-s-OFDM BPSK	75	0	**22.97**	22.94	22.76	23.20
	DFT-s-OFDM QPSK	1	1	22.57	22.51	22.77	23.20
	DFT-s-OFDM 16QAM	1	1	21.68	21.79	21.88	23.20
	DFT-s-OFDM 64QAM	1	1	20.36	20.24	20.34	22.20
	DFT-s-OFDM	1	1	18.45	18.62	18.51	20.20
	CP-OFDM QPSK	1	1	21.26	21.32	21.21	23.20
	CP-OFDM 16QAM	1	1	20.79	20.74	20.78	22.70
	CP-OFDM 64QAM	1	1	19.28	19.27	19.30	21.20
	CP-OFDM 256QAM	1	1	16.06	16.04	15.88	17.70

5G N38-State 17 -Ant.0							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	21.27	21.16	21.17	22.70
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	21.44	21.16	21.34	22.70
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2615	
30	DFT-s-OFDM BPSK	1	1	21.37	21.22	21.27	22.70
		1	39	21.44	**21.47**	21.41	22.70
		1	76	21.30	21.15	21.16	22.70
	DFT-s-OFDM BPSK	36	0	**21.57**	21.05	21.07	22.70
		36	21	21.33	21.39	21.33	22.70
		36	42	21.50	21.44	21.25	22.70
	DFT-s-OFDM BPSK	75	0	**21.56**	21.46	21.26	22.70
	DFT-s-OFDM QPSK	1	1	20.99	21.03	21.38	22.70
	DFT-s-OFDM 16QAM	1	1	21.10	21.16	21.19	22.70
	DFT-s-OFDM 64QAM	1	1	20.27	20.22	20.30	22.20
	DFT-s-OFDM	1	1	18.51	18.43	18.47	20.20
	CP-OFDM QPSK	1	1	21.35	21.13	21.10	22.70
	CP-OFDM 16QAM	1	1	20.67	20.59	20.82	22.20
	CP-OFDM 64QAM	1	1	19.28	19.25	19.28	21.20
	CP-OFDM 256QAM	1	1	15.96	15.88	15.71	17.70

5G N38-State 19 -Ant.0							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	22.68	22.51	22.86	23.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	22.52	22.83	22.77	23.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2615	
30	DFT-s-OFDM BPSK	1	1	22.98	22.81	22.86	23.20
		1	39	**23.03**	22.88	22.91	23.20
		1	76	22.93	22.76	22.83	23.20
	DFT-s-OFDM BPSK	36	0	**23.07**	22.74	22.61	23.20
		36	21	22.94	22.83	22.96	23.20
		36	42	23.04	22.83	22.90	23.20
	DFT-s-OFDM BPSK	75	0	**22.97**	22.94	22.76	23.20
	DFT-s-OFDM QPSK	1	1	22.57	22.51	22.77	23.20
	DFT-s-OFDM 16QAM	1	1	21.68	21.79	21.88	23.20
	DFT-s-OFDM 64QAM	1	1	20.36	20.24	20.34	22.20
	DFT-s-OFDM	1	1	18.45	18.62	18.51	20.20
	CP-OFDM QPSK	1	1	21.26	21.32	21.21	23.20
	CP-OFDM 16QAM	1	1	20.79	20.74	20.78	22.70
	CP-OFDM 64QAM	1	1	19.28	19.27	19.30	21.20
	CP-OFDM 256QAM	1	1	16.06	16.04	15.88	17.70

8.5.4 NR Band41 Output Power

5G N41-State 12 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	17.11	17.03	16.87	16.71	16.94	17.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	16.87	17.00	17.01	16.82	17.09	17.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	17.11	17.06	16.87	16.91	16.99	17.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	17.01	16.84	17.04	16.91	17.04	17.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	17.11	16.95	17.02	16.79	17.15	17.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	17.02	16.93	16.89	16.82	16.89	17.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	17.02	16.88	16.95	16.67	17.09	17.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	17.04	16.98	17.04	16.84	**17.06**	17.20
		1	137	16.80	16.80	17.02	16.83	16.75	17.20
		1	271	16.76	16.90	16.89	16.90	16.82	17.20
	DFT-s-OFDM BPSK	135	0	17.04	16.90	17.04	16.74	**17.09**	17.20
		135	69	16.78	16.72	16.84	16.73	16.82	17.20
		135	138	16.95	16.84	16.81	16.89	16.85	17.20
	DFT-s-OFDM BPSK	270	0	16.71	16.82	**16.88**	16.82	**16.88**	17.20
	DFT-s-OFDM QPSK	1	1	17.04	17.12	17.04	17.04	16.82	17.20
	DFT-s-OFDM 16QAM	1	1	16.94	16.78	16.87	17.00	16.72	17.20
	DFT-s-OFDM 64QAM	1	1	16.89	16.70	16.74	16.72	16.75	17.20
	DFT-s-OFDM	1	1	16.79	16.72	16.85	16.72	16.86	17.20
	CP-OFDM QPSK	1	1	16.73	16.76	16.82	16.76	16.76	17.20
	CP-OFDM 16QAM	1	1	16.87	16.73	16.72	16.86	16.84	17.20
	CP-OFDM 64QAM	1	1	16.79	16.70	16.76	16.79	16.87	17.20
	CP-OFDM 256QAM	1	1	16.90	16.73	16.90	16.75	16.81	17.20

5G N41-State 16 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	17.11	17.03	16.87	16.71	16.94	17.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	16.87	17.00	17.01	16.82	17.09	17.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	17.11	17.06	16.87	16.91	16.99	17.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	17.01	16.84	17.04	16.91	17.04	17.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	17.11	16.95	17.02	16.79	17.15	17.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	17.02	16.93	16.89	16.82	16.89	17.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	17.02	16.88	16.95	16.67	17.09	17.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	17.04	16.98	17.04	16.84	**17.06**	17.20
		1	137	16.80	16.80	17.02	16.83	16.75	17.20
		1	271	16.76	16.90	16.89	16.90	16.82	17.20
	DFT-s-OFDM BPSK	135	0	17.04	16.90	17.04	16.74	**17.09**	17.20
		135	69	16.78	16.72	16.84	16.73	16.82	17.20
		135	138	16.95	16.84	16.81	16.89	16.85	17.20
	DFT-s-OFDM BPSK	270	0	16.71	16.82	**16.88**	16.82	**16.88**	17.20
	DFT-s-OFDM QPSK	1	1	17.04	17.12	17.04	17.04	16.82	17.20
	DFT-s-OFDM 16QAM	1	1	16.94	16.78	16.87	17.00	16.72	17.20
	DFT-s-OFDM 64QAM	1	1	16.89	16.70	16.74	16.72	16.75	17.20
	DFT-s-OFDM	1	1	16.79	16.72	16.85	16.72	16.86	17.20
	CP-OFDM QPSK	1	1	16.73	16.76	16.82	16.76	16.76	17.20
	CP-OFDM 16QAM	1	1	16.87	16.73	16.72	16.86	16.84	17.20
	CP-OFDM 64QAM	1	1	16.79	16.70	16.76	16.79	16.87	17.20
	CP-OFDM 256QAM	1	1	16.90	16.73	16.90	16.75	16.81	17.20

5G N41-State 18 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	17.11	17.03	16.87	16.71	16.94	17.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	16.87	17.00	17.01	16.82	17.09	17.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	17.11	17.06	16.87	16.91	16.99	17.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	17.01	16.84	17.04	16.91	17.04	17.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	17.11	16.95	17.02	16.79	17.15	17.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	17.02	16.93	16.89	16.82	16.89	17.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	17.02	16.88	16.95	16.67	17.09	17.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	17.04	16.98	17.04	16.84	**17.06**	17.20
		1	137	16.80	16.80	17.02	16.83	16.75	17.20
		1	271	16.76	16.90	16.89	16.90	16.82	17.20
	DFT-s-OFDM BPSK	135	0	17.04	16.90	17.04	16.74	**17.09**	17.20
		135	69	16.78	16.72	16.84	16.73	16.82	17.20
		135	138	16.95	16.84	16.81	16.89	16.85	17.20
	DFT-s-OFDM BPSK	270	0	16.71	16.82	**16.88**	16.82	**16.88**	17.20
	DFT-s-OFDM QPSK	1	1	17.04	17.12	17.04	17.04	16.82	17.20
	DFT-s-OFDM 16QAM	1	1	16.94	16.78	16.87	17.00	16.72	17.20
	DFT-s-OFDM 64QAM	1	1	16.89	16.70	16.74	16.72	16.75	17.20
	DFT-s-OFDM	1	1	16.79	16.72	16.85	16.72	16.86	17.20
	CP-OFDM QPSK	1	1	16.73	16.76	16.82	16.76	16.76	17.20
	CP-OFDM 16QAM	1	1	16.87	16.73	16.72	16.86	16.84	17.20
	CP-OFDM 64QAM	1	1	16.79	16.70	16.76	16.79	16.87	17.20
	CP-OFDM 256QAM	1	1	16.90	16.73	16.90	16.75	16.81	17.20

5G N41-State 20 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	17.11	17.03	16.87	16.71	16.94	17.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	16.87	17.00	17.01	16.82	17.09	17.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	17.11	17.06	16.87	16.91	16.99	17.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	17.01	16.84	17.04	16.91	17.04	17.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	17.11	16.95	17.02	16.79	17.15	17.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	17.02	16.93	16.89	16.82	16.89	17.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	17.02	16.88	16.95	16.67	17.09	17.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	17.04	16.98	17.04	16.84	**17.06**	17.20
		1	137	16.80	16.80	17.02	16.83	16.75	17.20
		1	271	16.76	16.90	16.89	16.90	16.82	17.20
	DFT-s-OFDM BPSK	135	0	17.04	16.90	17.04	16.74	**17.09**	17.20
		135	69	16.78	16.72	16.84	16.73	16.82	17.20
		135	138	16.95	16.84	16.81	16.89	16.85	17.20
	DFT-s-OFDM BPSK	270	0	16.71	16.82	**16.88**	16.82	**16.88**	17.20
	DFT-s-OFDM QPSK	1	1	17.04	17.12	17.04	17.04	16.82	17.20
	DFT-s-OFDM 16QAM	1	1	16.94	16.78	16.87	17.00	16.72	17.20
	DFT-s-OFDM 64QAM	1	1	16.89	16.70	16.74	16.72	16.75	17.20
	DFT-s-OFDM	1	1	16.79	16.72	16.85	16.72	16.86	17.20
	CP-OFDM QPSK	1	1	16.73	16.76	16.82	16.76	16.76	17.20
	CP-OFDM 16QAM	1	1	16.87	16.73	16.72	16.86	16.84	17.20
	CP-OFDM 64QAM	1	1	16.79	16.70	16.76	16.79	16.87	17.20
	CP-OFDM 256QAM	1	1	16.90	16.73	16.90	16.75	16.81	17.20

5G N41-State 11 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	17.96	18.25	18.03	18.05	18.02	19.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	18.09	18.18	18.30	17.98	18.13	19.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	18.10	18.05	18.21	18.11	18.20	19.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	18.09	18.18	18.28	18.00	18.00	19.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	18.23	18.11	18.23	17.94	18.20	19.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	17.96	18.27	18.28	18.02	17.95	19.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	17.98	18.18	18.08	17.94	17.91	19.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	18.14	18.20	18.23	18.07	18.11	19.20
		1	137	18.40	18.44	**18.47**	18.29	18.31	19.20
		1	271	18.30	18.23	18.19	18.13	18.33	19.20
	DFT-s-OFDM BPSK	135	0	18.33	18.38	18.38	18.25	18.11	19.20
		135	69	18.44	18.33	**18.51**	18.37	18.38	19.20
		135	138	18.20	18.14	18.25	18.12	18.05	19.20
	DFT-s-OFDM BPSK	270	0	18.20	18.13	18.02	**18.24**	18.11	19.20
	DFT-s-OFDM QPSK	1	1	18.56	18.41	18.32	18.50	18.59	19.20
	DFT-s-OFDM 16QAM	1	1	18.57	18.36	18.40	18.58	18.42	19.20
	DFT-s-OFDM 64QAM	1	1	17.89	17.98	17.99	17.92	17.90	19.20
	DFT-s-OFDM	1	1	18.09	18.06	17.97	18.15	18.00	19.20
	CP-OFDM QPSK	1	1	18.14	18.20	18.25	18.20	17.98	19.20
	CP-OFDM 16QAM	1	1	18.11	18.18	18.27	18.27	18.16	19.20
	CP-OFDM 64QAM	1	1	18.17	18.12	18.21	18.14	18.16	19.20
	CP-OFDM 256QAM	1	1	16.12	16.28	16.38	16.22	16.22	17.70

5G N41-State 15 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	16.65	16.60	16.65	16.78	16.63	17.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	16.69	16.55	16.87	16.52	16.60	17.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	16.85	16.72	16.65	16.52	16.77	17.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	16.69	16.63	16.82	16.55	16.78	17.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	16.80	16.52	16.77	16.63	16.60	17.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	16.59	16.63	16.82	16.67	16.80	17.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	16.77	16.48	16.62	16.78	16.83	17.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	16.77	16.65	16.80	16.70	16.75	17.70
		1	137	16.99	16.92	**17.06**	16.91	16.97	17.70
		1	271	16.75	16.68	16.66	16.75	16.70	17.70
	DFT-s-OFDM BPSK	135	0	16.79	16.86	16.86	16.74	16.72	17.70
		135	69	16.84	16.77	**16.95**	16.94	16.94	17.70
		135	138	16.74	16.84	16.89	16.78	16.78	17.70
	DFT-s-OFDM BPSK	270	0	**16.67**	16.57	16.53	16.62	16.65	17.70
	DFT-s-OFDM QPSK	1	1	17.05	16.81	16.85	16.97	16.86	17.70
	DFT-s-OFDM 16QAM	1	1	17.06	16.99	16.89	16.84	17.10	17.70
	DFT-s-OFDM 64QAM	1	1	16.50	16.55	16.60	16.35	16.38	17.70
	DFT-s-OFDM	1	1	16.53	16.54	16.58	16.46	16.59	17.70
	CP-OFDM QPSK	1	1	16.66	16.61	16.56	16.58	16.71	17.70
	CP-OFDM 16QAM	1	1	16.76	16.76	16.63	16.61	16.75	17.70
	CP-OFDM 64QAM	1	1	16.77	16.80	16.77	16.84	16.90	17.70
	CP-OFDM 256QAM	1	1	16.33	16.27	16.27	16.20	16.30	17.70

5G N41-State 17 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	15.42	15.64	15.72	15.64	15.70	16.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	15.50	15.65	15.68	15.53	15.62	16.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	15.54	15.50	15.64	15.66	15.69	16.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	15.64	15.69	15.65	15.67	15.56	16.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	15.65	15.64	15.68	15.69	15.62	16.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	15.54	15.72	15.72	15.61	15.75	16.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	15.64	15.51	15.84	15.47	15.59	16.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	15.59	15.67	15.81	15.64	15.67	16.20
		1	137	15.68	15.73	**15.89**	15.81	15.75	16.20
		1	271	15.76	15.75	15.59	15.62	15.75	16.20
	DFT-s-OFDM BPSK	135	0	15.64	15.61	15.60	15.60	15.60	16.20
		135	69	15.98	15.89	**16.00**	15.92	15.95	16.20
		135	138	15.65	15.59	15.66	15.63	15.73	16.20
	DFT-s-OFDM BPSK	270	0	15.90	15.82	15.77	**15.95**	15.93	16.20
	DFT-s-OFDM QPSK	1	1	15.86	15.93	15.90	16.02	16.12	16.20
	DFT-s-OFDM 16QAM	1	1	15.77	15.62	15.57	15.54	15.58	16.20
	DFT-s-OFDM 64QAM	1	1	15.46	15.55	15.65	15.66	15.65	16.20
	DFT-s-OFDM	1	1	15.37	15.35	15.51	15.44	15.31	16.20
	CP-OFDM QPSK	1	1	15.54	15.50	15.64	15.54	15.57	16.20
	CP-OFDM 16QAM	1	1	15.62	15.55	15.48	15.67	15.47	16.20
	CP-OFDM 64QAM	1	1	15.55	15.40	15.63	15.40	15.62	16.20
	CP-OFDM 256QAM	1	1	15.38	15.20	15.30	15.18	15.29	16.20

5G N41-State 19 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	16.65	16.60	16.65	16.78	16.63	17.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	16.69	16.55	16.87	16.52	16.60	17.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	16.85	16.72	16.65	16.52	16.77	17.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	16.69	16.63	16.82	16.55	16.78	17.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	16.80	16.52	16.77	16.63	16.60	17.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	16.59	16.63	16.82	16.67	16.80	17.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	16.77	16.48	16.62	16.78	16.83	17.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	16.77	16.65	16.80	16.70	16.75	17.70
		1	137	16.99	16.92	**17.06**	16.91	16.97	17.70
		1	271	16.75	16.68	16.66	16.75	16.70	17.70
	DFT-s-OFDM BPSK	135	0	16.79	16.86	16.86	16.74	16.72	17.70
		135	69	16.84	16.77	**16.95**	16.94	16.94	17.70
		135	138	16.74	16.84	16.89	16.78	16.78	17.70
	DFT-s-OFDM BPSK	270	0	**16.67**	16.57	16.53	16.62	16.65	17.70
	DFT-s-OFDM QPSK	1	1	17.05	16.81	16.85	16.97	16.86	17.70
	DFT-s-OFDM 16QAM	1	1	17.06	16.99	16.89	16.84	17.10	17.70
	DFT-s-OFDM 64QAM	1	1	16.50	16.55	16.60	16.35	16.38	17.70
	DFT-s-OFDM	1	1	16.53	16.54	16.58	16.46	16.59	17.70
	CP-OFDM QPSK	1	1	16.66	16.61	16.56	16.58	16.71	17.70
	CP-OFDM 16QAM	1	1	16.76	16.76	16.63	16.61	16.75	17.70
	CP-OFDM 64QAM	1	1	16.77	16.80	16.77	16.84	16.90	17.70
	CP-OFDM 256QAM	1	1	16.33	16.27	16.27	16.20	16.30	17.70

5G N41-State 12 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 16 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 18 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 20 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 11 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 15 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	23.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	23.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	23.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	23.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	23.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	23.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	23.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	23.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	23.20
		1	271	22.45	22.36	22.37	22.32	22.43	23.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	23.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	23.20
		135	138	22.27	22.25	22.37	22.21	22.21	23.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	23.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	23.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 17 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	21.15	21.34	21.13	21.30	21.32	22.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	21.23	21.43	21.19	21.11	21.21	22.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	21.34	21.19	21.32	21.28	21.34	22.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	21.40	21.45	21.36	21.28	21.23	22.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	21.34	21.36	21.25	21.45	21.19	22.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	21.30	21.11	21.40	21.38	21.25	22.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	21.28	21.15	21.25	21.23	21.13	22.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	21.36	21.32	**21.45**	21.21	21.38	22.20
		1	137	21.31	21.31	21.27	21.10	21.29	22.20
		1	271	21.41	21.26	21.15	21.28	21.09	22.20
	DFT-s-OFDM BPSK	135	0	21.32	21.30	21.30	21.41	21.32	22.20
		135	69	21.40	21.19	**21.44**	21.32	21.32	22.20
		135	138	21.21	20.98	21.25	21.23	21.27	22.20
	DFT-s-OFDM BPSK	270	0	21.28	21.26	**21.30**	21.21	21.26	22.20
	DFT-s-OFDM QPSK	1	1	21.15	21.23	21.00	21.00	21.02	22.20
	DFT-s-OFDM 16QAM	1	1	21.22	21.18	21.24	21.07	21.16	22.20
	DFT-s-OFDM 64QAM	1	1	20.26	20.26	20.34	20.26	20.34	22.20
	DFT-s-OFDM	1	1	18.35	18.40	18.38	18.26	18.38	20.20
	CP-OFDM QPSK	1	1	21.27	21.29	21.35	21.27	21.14	22.20
	CP-OFDM 16QAM	1	1	20.60	20.54	20.67	20.56	20.62	22.20
	CP-OFDM 64QAM	1	1	19.29	19.29	19.20	19.39	19.47	21.20
	CP-OFDM 256QAM	1	1	15.83	15.78	15.72	15.81	15.84	17.70

5G N41-State 19 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	23.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	23.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	23.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	23.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	23.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	23.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	23.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	23.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	23.20
		1	271	22.45	22.36	22.37	22.32	22.43	23.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	23.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	23.20
		135	138	22.27	22.25	22.37	22.21	22.21	23.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	23.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	23.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 12 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 16 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 18 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 20 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 11 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	22.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	22.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	22.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	22.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	22.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	22.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	22.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	22.70
		1	137	**22.56**	22.34	22.44	22.23	22.30	22.70
		1	271	22.45	22.36	22.37	22.32	22.43	22.70
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	22.70
		135	69	**22.63**	22.32	22.42	22.38	22.34	22.70
		135	138	22.27	22.25	22.37	22.21	22.21	22.70
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	22.70
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	22.70
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	22.70
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	22.70
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 15 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	19.36	19.32	19.36	19.24	19.22	21.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	19.20	19.34	19.11	19.22	19.34	21.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	19.22	19.44	19.38	19.46	19.26	21.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	19.38	19.28	19.18	19.32	19.32	21.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	19.22	19.20	19.20	19.30	19.34	21.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	19.15	19.24	19.13	19.17	19.26	21.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	19.32	19.20	19.28	19.40	19.28	21.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	19.34	19.34	19.30	19.38	19.24	21.20
		1	137	19.24	19.24	19.28	19.30	19.35	21.20
		1	271	**19.40**	19.33	19.30	19.37	19.34	21.20
	DFT-s-OFDM BPSK	135	0	19.37	19.33	19.22	19.22	19.35	21.20
		135	69	**19.38**	19.37	19.22	19.34	19.33	21.20
		135	138	19.26	19.26	19.20	19.28	19.30	21.20
	DFT-s-OFDM BPSK	270	0	**19.38**	19.20	19.20	19.26	19.35	21.20
	DFT-s-OFDM QPSK	1	1	19.31	19.24	19.31	19.20	19.33	21.20
	DFT-s-OFDM 16QAM	1	1	19.38	19.36	19.30	19.42	19.36	21.20
	DFT-s-OFDM 64QAM	1	1	19.42	19.42	19.34	19.20	19.33	21.20
	DFT-s-OFDM	1	1	18.29	18.45	18.34	18.44	18.47	20.20
	CP-OFDM QPSK	1	1	19.40	19.34	19.34	19.36	19.28	21.20
	CP-OFDM 16QAM	1	1	19.38	19.30	19.24	19.22	19.20	21.20
	CP-OFDM 64QAM	1	1	19.23	19.35	19.31	19.26	19.25	21.20
	CP-OFDM 256QAM	1	1	15.74	15.88	15.87	15.73	15.84	17.70

5G N41-State 17 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	18.04	17.97	17.74	17.82	17.95	19.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	17.95	17.90	17.94	18.00	17.85	19.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	18.06	17.90	17.76	17.95	17.88	19.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	17.84	17.88	17.74	17.93	17.83	19.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	17.88	18.09	17.90	17.97	17.94	19.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	17.95	17.95	17.92	17.88	17.99	19.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	18.13	17.97	17.88	17.95	18.01	19.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	18.04	18.04	17.90	17.95	17.99	19.70
		1	137	18.04	18.06	**18.09**	18.06	18.06	19.70
		1	271	17.95	17.97	17.86	18.04	18.06	19.70
	DFT-s-OFDM BPSK	135	0	18.02	18.08	18.08	18.06	17.92	19.70
		135	69	18.09	18.02	**18.13**	17.88	18.02	19.70
		135	138	17.97	17.88	17.90	17.97	18.00	19.70
	DFT-s-OFDM BPSK	270	0	17.90	17.86	**18.13**	17.88	18.02	19.70
	DFT-s-OFDM QPSK	1	1	17.93	17.99	17.99	18.06	17.92	19.70
	DFT-s-OFDM 16QAM	1	1	17.99	17.97	17.95	17.88	18.02	19.70
	DFT-s-OFDM 64QAM	1	1	18.13	18.08	17.88	17.86	18.11	19.70
	DFT-s-OFDM	1	1	17.88	18.08	18.02	18.04	18.06	19.70
	CP-OFDM QPSK	1	1	17.90	17.99	17.99	17.93	18.02	19.70
	CP-OFDM 16QAM	1	1	18.08	18.00	17.90	18.11	18.11	19.70
	CP-OFDM 64QAM	1	1	18.02	17.99	18.04	17.99	18.09	19.70
	CP-OFDM 256QAM	1	1	15.72	15.72	15.75	15.73	15.72	17.70

5G N41-State 19 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	19.36	19.32	19.36	19.24	19.22	21.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	19.20	19.34	19.11	19.22	19.34	21.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	19.22	19.44	19.38	19.46	19.26	21.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	19.38	19.28	19.18	19.32	19.32	21.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	19.22	19.20	19.20	19.30	19.34	21.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	19.15	19.24	19.13	19.17	19.26	21.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	19.32	19.20	19.28	19.40	19.28	21.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	19.34	19.34	19.30	19.38	19.24	21.20
		1	137	19.24	19.24	19.28	19.30	19.35	21.20
		1	271	**19.40**	19.33	19.30	19.37	19.34	21.20
	DFT-s-OFDM BPSK	135	0	19.37	19.33	19.22	19.22	19.35	21.20
		135	69	**19.38**	19.37	19.22	19.34	19.33	21.20
		135	138	19.26	19.26	19.20	19.28	19.30	21.20
	DFT-s-OFDM BPSK	270	0	**19.38**	19.20	19.20	19.26	19.35	21.20
	DFT-s-OFDM QPSK	1	1	19.31	19.24	19.31	19.20	19.33	21.20
	DFT-s-OFDM 16QAM	1	1	19.38	19.36	19.30	19.42	19.36	21.20
	DFT-s-OFDM 64QAM	1	1	19.42	19.42	19.34	19.20	19.33	21.20
	DFT-s-OFDM	1	1	18.29	18.45	18.34	18.44	18.47	20.20
	CP-OFDM QPSK	1	1	19.40	19.34	19.34	19.36	19.28	21.20
	CP-OFDM 16QAM	1	1	19.38	19.30	19.24	19.22	19.20	21.20
	CP-OFDM 64QAM	1	1	19.23	19.35	19.31	19.26	19.25	21.20
	CP-OFDM 256QAM	1	1	15.74	15.88	15.87	15.73	15.84	17.70

5G N41-State 12 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	20.22	20.40	20.39	20.14	20.36	21.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	20.40	20.26	20.29	20.08	20.30	21.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	20.42	20.38	20.35	20.28	20.34	21.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	20.34	20.16	20.43	20.36	20.34	21.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	20.42	20.12	20.31	20.10	20.32	21.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	20.44	20.16	20.21	20.24	20.34	21.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	20.40	20.24	20.25	20.12	20.28	21.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.36	20.30	**20.41**	20.26	20.28	21.70
		1	137	20.20	20.00	20.21	20.12	20.28	21.70
		1	271	20.33	20.29	20.30	20.33	**20.41**	21.70
	DFT-s-OFDM BPSK	135	0	20.38	20.24	**20.42**	20.36	20.30	21.70
		135	69	20.26	20.18	20.25	20.30	20.34	21.70
		135	138	20.27	20.31	20.28	20.35	20.40	21.70
	DFT-s-OFDM BPSK	270	0	20.32	20.32	**20.43**	20.12	20.36	21.70
	DFT-s-OFDM QPSK	1	1	20.29	20.31	20.31	20.31	20.24	21.70
	DFT-s-OFDM 16QAM	1	1	20.41	20.47	20.30	20.25	20.37	21.70
	DFT-s-OFDM 64QAM	1	1	20.26	20.10	20.24	20.08	20.28	21.70
	DFT-s-OFDM	1	1	18.26	18.08	18.30	18.21	18.32	19.20
	CP-OFDM QPSK	1	1	20.40	20.30	20.24	20.36	20.31	21.70
	CP-OFDM 16QAM	1	1	20.38	20.24	20.30	20.32	20.27	21.70
	CP-OFDM 64QAM	1	1	19.24	19.28	19.22	19.18	19.29	20.70
	CP-OFDM 256QAM	1	1	15.83	15.91	15.77	15.66	15.71	17.20

5G N41-State 16 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	20.22	20.40	20.39	20.14	20.36	20.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	20.40	20.26	20.29	20.08	20.30	20.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	20.42	20.38	20.35	20.28	20.34	20.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	20.34	20.16	20.43	20.36	20.34	20.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	20.42	20.12	20.31	20.10	20.32	20.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	20.44	20.16	20.21	20.24	20.34	20.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	20.40	20.24	20.25	20.12	20.28	20.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.36	20.30	**20.41**	20.26	20.28	20.70
		1	137	20.20	20.00	20.21	20.12	20.28	20.70
		1	271	20.33	20.29	20.30	20.33	**20.41**	20.70
	DFT-s-OFDM BPSK	135	0	20.38	20.24	**20.42**	20.36	20.30	20.70
		135	69	20.26	20.18	20.25	20.30	20.34	20.70
		135	138	20.27	20.31	20.28	20.35	20.40	20.70
	DFT-s-OFDM BPSK	270	0	20.32	20.32	**20.43**	20.12	20.36	20.70
	DFT-s-OFDM QPSK	1	1	20.29	20.31	20.31	20.31	20.24	20.70
	DFT-s-OFDM 16QAM	1	1	20.41	20.47	20.30	20.25	20.37	20.70
	DFT-s-OFDM 64QAM	1	1	20.26	20.10	20.24	20.08	20.28	20.70
	DFT-s-OFDM	1	1	18.26	18.08	18.30	18.21	18.32	19.20
	CP-OFDM QPSK	1	1	20.40	20.30	20.24	20.36	20.31	20.70
	CP-OFDM 16QAM	1	1	20.38	20.24	20.30	20.32	20.27	20.70
	CP-OFDM 64QAM	1	1	19.24	19.28	19.22	19.18	19.29	20.70
	CP-OFDM 256QAM	1	1	15.83	15.91	15.77	15.66	15.71	17.20

5G N41-State 18 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	19.24	19.28	19.34	19.30	19.30	19.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	19.14	19.16	19.07	19.05	19.15	19.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	19.18	19.05	19.07	19.10	19.17	19.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	19.24	19.22	19.16	19.22	19.42	19.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	19.09	19.30	19.22	19.09	19.11	19.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	19.24	19.32	19.22	19.30	19.40	19.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	19.32	19.09	19.24	19.03	19.32	19.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	19.22	19.22	19.28	19.22	**19.32**	19.70
		1	137	18.97	19.16	19.05	19.03	19.10	19.70
		1	271	19.25	19.15	19.08	19.21	19.28	19.70
	DFT-s-OFDM BPSK	135	0	19.36	19.38	19.32	19.32	**19.42**	19.70
		135	69	19.24	19.16	19.10	19.22	19.06	19.70
		135	138	19.08	19.25	19.28	19.21	19.08	19.70
	DFT-s-OFDM BPSK	270	0	**19.46**	19.38	19.32	19.34	19.36	19.70
	DFT-s-OFDM QPSK	1	1	19.18	19.16	19.10	19.18	18.97	19.70
	DFT-s-OFDM 16QAM	1	1	19.25	19.25	19.28	19.23	19.25	19.70
	DFT-s-OFDM 64QAM	1	1	19.48	19.38	19.32	19.32	19.46	19.70
	DFT-s-OFDM	1	1	19.10	19.16	19.10	18.95	19.06	19.70
	CP-OFDM QPSK	1	1	19.17	19.38	19.32	19.26	19.30	19.70
	CP-OFDM 16QAM	1	1	19.24	19.16	19.10	19.10	19.08	19.70
	CP-OFDM 64QAM	1	1	19.08	19.25	19.28	19.17	19.25	19.70
	CP-OFDM 256QAM	1	1	15.70	15.81	15.75	15.74	15.87	17.70

5G N41-State 20 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	20.22	20.40	20.39	20.14	20.36	20.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	20.40	20.26	20.29	20.08	20.30	20.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	20.42	20.38	20.35	20.28	20.34	20.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	20.34	20.16	20.43	20.36	20.34	20.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	20.42	20.12	20.31	20.10	20.32	20.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	20.44	20.16	20.21	20.24	20.34	20.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	20.40	20.24	20.25	20.12	20.28	20.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.36	20.30	**20.41**	20.26	20.28	20.70
		1	137	20.20	20.00	20.21	20.12	20.28	20.70
		1	271	20.33	20.29	20.30	20.33	**20.41**	20.70
	DFT-s-OFDM BPSK	135	0	20.38	20.24	**20.42**	20.36	20.30	20.70
		135	69	20.26	20.18	20.25	20.30	20.34	20.70
		135	138	20.27	20.31	20.28	20.35	20.40	20.70
	DFT-s-OFDM BPSK	270	0	20.32	20.32	**20.43**	20.12	20.36	20.70
	DFT-s-OFDM QPSK	1	1	20.29	20.31	20.31	20.31	20.24	20.70
	DFT-s-OFDM 16QAM	1	1	20.41	20.47	20.30	20.25	20.37	20.70
	DFT-s-OFDM 64QAM	1	1	20.26	20.10	20.24	20.08	20.28	20.70
	DFT-s-OFDM	1	1	18.26	18.08	18.30	18.21	18.32	19.20
	CP-OFDM QPSK	1	1	20.40	20.30	20.24	20.36	20.31	20.70
	CP-OFDM 16QAM	1	1	20.38	20.24	20.30	20.32	20.27	20.70
	CP-OFDM 64QAM	1	1	19.24	19.28	19.22	19.18	19.29	20.70
	CP-OFDM 256QAM	1	1	15.83	15.91	15.77	15.66	15.71	17.20

5G N41-State 11 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	20.22	20.40	20.39	20.14	20.36	21.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	20.40	20.26	20.29	20.08	20.30	21.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	20.42	20.38	20.35	20.28	20.34	21.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	20.34	20.16	20.43	20.36	20.34	21.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	20.42	20.12	20.31	20.10	20.32	21.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	20.44	20.16	20.21	20.24	20.34	21.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	20.40	20.24	20.25	20.12	20.28	21.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.36	20.30	**20.41**	20.26	20.28	21.70
		1	137	20.20	20.00	20.21	20.12	20.28	21.70
		1	271	20.33	20.29	20.30	20.33	**20.41**	21.70
	DFT-s-OFDM BPSK	135	0	20.38	20.24	**20.42**	20.36	20.30	21.70
		135	69	20.26	20.18	20.25	20.30	20.34	21.70
		135	138	20.27	20.31	20.28	20.35	20.40	21.70
	DFT-s-OFDM BPSK	270	0	20.32	20.32	**20.43**	20.12	20.36	21.70
	DFT-s-OFDM QPSK	1	1	20.29	20.31	20.31	20.31	20.24	21.70
	DFT-s-OFDM 16QAM	1	1	20.41	20.47	20.30	20.25	20.37	21.70
	DFT-s-OFDM 64QAM	1	1	20.26	20.10	20.24	20.08	20.28	21.70
	DFT-s-OFDM	1	1	18.26	18.08	18.30	18.21	18.32	19.20
	CP-OFDM QPSK	1	1	20.40	20.30	20.24	20.36	20.31	21.70
	CP-OFDM 16QAM	1	1	20.38	20.24	20.30	20.32	20.27	21.70
	CP-OFDM 64QAM	1	1	19.24	19.28	19.22	19.18	19.29	20.70
	CP-OFDM 256QAM	1	1	15.83	15.91	15.77	15.66	15.71	17.20

5G N41-State 15 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	20.22	20.40	20.39	20.14	20.36	20.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	20.40	20.26	20.29	20.08	20.30	20.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	20.42	20.38	20.35	20.28	20.34	20.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	20.34	20.16	20.43	20.36	20.34	20.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	20.42	20.12	20.31	20.10	20.32	20.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	20.44	20.16	20.21	20.24	20.34	20.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	20.40	20.24	20.25	20.12	20.28	20.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.36	20.30	**20.41**	20.26	20.28	20.70
		1	137	20.20	20.00	20.21	20.12	20.28	20.70
		1	271	20.33	20.29	20.30	20.33	**20.41**	20.70
	DFT-s-OFDM BPSK	135	0	20.38	20.24	**20.42**	20.36	20.30	20.70
		135	69	20.26	20.18	20.25	20.30	20.34	20.70
		135	138	20.27	20.31	20.28	20.35	20.40	20.70
	DFT-s-OFDM BPSK	270	0	20.32	20.32	**20.43**	20.12	20.36	20.70
	DFT-s-OFDM QPSK	1	1	20.29	20.31	20.31	20.31	20.24	20.70
	DFT-s-OFDM 16QAM	1	1	20.41	20.47	20.30	20.25	20.37	20.70
	DFT-s-OFDM 64QAM	1	1	20.26	20.10	20.24	20.08	20.28	20.70
	DFT-s-OFDM	1	1	18.26	18.08	18.30	18.21	18.32	19.20
	CP-OFDM QPSK	1	1	20.40	20.30	20.24	20.36	20.31	20.70
	CP-OFDM 16QAM	1	1	20.38	20.24	20.30	20.32	20.27	20.70
	CP-OFDM 64QAM	1	1	19.24	19.28	19.22	19.18	19.29	20.70
	CP-OFDM 256QAM	1	1	15.83	15.91	15.77	15.66	15.71	17.20

5G N41-State 17 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	19.24	19.28	19.34	19.30	19.30	19.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	19.14	19.16	19.07	19.05	19.15	19.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	19.18	19.05	19.07	19.10	19.17	19.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	19.24	19.22	19.16	19.22	19.42	19.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	19.09	19.30	19.22	19.09	19.11	19.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	19.24	19.32	19.22	19.30	19.40	19.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	19.32	19.09	19.24	19.03	19.32	19.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	19.22	19.22	19.28	19.22	**19.32**	19.70
		1	137	18.97	19.16	19.05	19.03	19.10	19.70
		1	271	19.25	19.15	19.08	19.21	19.28	19.70
	DFT-s-OFDM BPSK	135	0	19.36	19.38	19.32	19.32	**19.42**	19.70
		135	69	19.24	19.16	19.10	19.22	19.06	19.70
		135	138	19.08	19.25	19.28	19.21	19.08	19.70
	DFT-s-OFDM BPSK	270	0	**19.46**	19.38	19.32	19.34	19.36	19.70
	DFT-s-OFDM QPSK	1	1	19.18	19.16	19.10	19.18	18.97	19.70
	DFT-s-OFDM 16QAM	1	1	19.25	19.25	19.28	19.23	19.25	19.70
	DFT-s-OFDM 64QAM	1	1	19.48	19.38	19.32	19.32	19.46	19.70
	DFT-s-OFDM	1	1	19.10	19.16	19.10	18.95	19.06	19.70
	CP-OFDM QPSK	1	1	19.17	19.38	19.32	19.26	19.30	19.70
	CP-OFDM 16QAM	1	1	19.24	19.16	19.10	19.10	19.08	19.70
	CP-OFDM 64QAM	1	1	19.08	19.25	19.28	19.17	19.25	19.70
	CP-OFDM 256QAM	1	1	15.70	15.81	15.75	15.74	15.87	17.70

5G N41-State 19 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	20.22	20.40	20.39	20.14	20.36	20.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	20.40	20.26	20.29	20.08	20.30	20.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	20.42	20.38	20.35	20.28	20.34	20.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	20.34	20.16	20.43	20.36	20.34	20.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	20.42	20.12	20.31	20.10	20.32	20.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	20.44	20.16	20.21	20.24	20.34	20.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	20.40	20.24	20.25	20.12	20.28	20.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.36	20.30	**20.41**	20.26	20.28	20.70
		1	137	20.20	20.00	20.21	20.12	20.28	20.70
		1	271	20.33	20.29	20.30	20.33	**20.41**	20.70
	DFT-s-OFDM BPSK	135	0	20.38	20.24	**20.42**	20.36	20.30	20.70
		135	69	20.26	20.18	20.25	20.30	20.34	20.70
		135	138	20.27	20.31	20.28	20.35	20.40	20.70
	DFT-s-OFDM BPSK	270	0	20.32	20.32	**20.43**	20.12	20.36	20.70
	DFT-s-OFDM QPSK	1	1	20.29	20.31	20.31	20.31	20.24	20.70
	DFT-s-OFDM 16QAM	1	1	20.41	20.47	20.30	20.25	20.37	20.70
	DFT-s-OFDM 64QAM	1	1	20.26	20.10	20.24	20.08	20.28	20.70
	DFT-s-OFDM	1	1	18.26	18.08	18.30	18.21	18.32	19.20
	CP-OFDM QPSK	1	1	20.40	20.30	20.24	20.36	20.31	20.70
	CP-OFDM 16QAM	1	1	20.38	20.24	20.30	20.32	20.27	20.70
	CP-OFDM 64QAM	1	1	19.24	19.28	19.22	19.18	19.29	20.70
	CP-OFDM 256QAM	1	1	15.83	15.91	15.77	15.66	15.71	17.20

8.5.5 NR Band66 Output Power

5G N66-State 12 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	18.61	18.75	18.73	19.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	18.57	18.78	18.83	19.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	18.55	18.75	18.66	19.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	18.54	18.60	18.84	19.70
		1	53	18.76	**19.13**	18.96	19.70
		1	104	18.70	18.71	18.81	19.70
	DFT-s-OFDM BPSK	50	0	18.40	18.62	18.69	19.70
		50	28	18.81	**18.87**	18.81	19.70
		50	56	18.74	18.86	18.78	19.70
	DFT-s-OFDM BPSK	100	0	18.79	**18.83**	18.75	19.70
	DFT-s-OFDM QPSK	1	1	18.80	18.89	18.87	19.70
	DFT-s-OFDM 16QAM	1	1	18.35	18.24	18.22	19.70
	DFT-s-OFDM 64QAM	1	1	18.33	18.27	18.25	19.70
	DFT-s-OFDM 256QAM	1	1	18.36	18.38	18.31	19.70
	CP-OFDM QPSK	1	1	18.14	18.17	18.15	19.70
	CP-OFDM 16QAM	1	1	18.16	18.22	18.13	19.70
	CP-OFDM 64QAM	1	1	18.26	18.18	18.20	19.70
	CP-OFDM 256QAM	1	1	16.60	16.58	16.51	17.70

5G N66-State 16 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	18.61	18.75	18.73	19.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	18.57	18.78	18.83	19.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	18.55	18.75	18.66	19.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	18.54	18.60	18.84	19.70
		1	53	18.76	**19.13**	18.96	19.70
		1	104	18.70	18.71	18.81	19.70
	DFT-s-OFDM BPSK	50	0	18.40	18.62	18.69	19.70
		50	28	18.81	**18.87**	18.81	19.70
		50	56	18.74	18.86	18.78	19.70
	DFT-s-OFDM BPSK	100	0	18.79	**18.83**	18.75	19.70
	DFT-s-OFDM QPSK	1	1	18.80	18.89	18.87	19.70
	DFT-s-OFDM 16QAM	1	1	18.35	18.24	18.22	19.70
	DFT-s-OFDM 64QAM	1	1	18.33	18.27	18.25	19.70
	DFT-s-OFDM 256QAM	1	1	18.36	18.38	18.31	19.70
	CP-OFDM QPSK	1	1	18.14	18.17	18.15	19.70
	CP-OFDM 16QAM	1	1	18.16	18.22	18.13	19.70
	CP-OFDM 64QAM	1	1	18.26	18.18	18.20	19.70
	CP-OFDM 256QAM	1	1	16.60	16.58	16.51	17.70

5G N66-State 18 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	16.77	16.60	16.71	17.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	16.76	16.74	16.71	17.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	16.74	16.69	16.68	17.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	16.79	16.72	16.76	17.20
		1	53	16.73	**16.93**	16.17	17.20
		1	104	16.85	16.78	16.76	17.20
	DFT-s-OFDM BPSK	50	0	16.79	16.77	16.84	17.20
		50	28	16.78	17.13	16.65	17.20
		50	56	16.78	**17.18**	16.66	17.20
	DFT-s-OFDM BPSK	100	0	**16.84**	16.26	16.71	17.20
	DFT-s-OFDM QPSK	1	1	16.75	16.63	16.73	17.20
	DFT-s-OFDM 16QAM	1	1	16.66	16.75	16.83	17.20
	DFT-s-OFDM 64QAM	1	1	16.61	16.42	16.86	17.20
	DFT-s-OFDM 256QAM	1	1	16.78	16.53	16.66	17.20
	CP-OFDM QPSK	1	1	16.76	16.64	16.66	17.20
	CP-OFDM 16QAM	1	1	16.63	16.65	16.58	17.20
	CP-OFDM 64QAM	1	1	16.66	16.50	16.72	17.20
	CP-OFDM 256QAM	1	1	16.57	16.51	16.38	17.20

5G N66-State 20 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	18.61	18.75	18.73	19.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	18.57	18.78	18.83	19.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	18.55	18.75	18.66	19.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	18.54	18.60	18.84	19.70
		1	53	18.76	**19.13**	18.96	19.70
		1	104	18.70	18.71	18.81	19.70
	DFT-s-OFDM BPSK	50	0	18.40	18.62	18.69	19.70
		50	28	18.81	**18.87**	18.81	19.70
		50	56	18.74	18.86	18.78	19.70
	DFT-s-OFDM BPSK	100	0	18.79	**18.83**	18.75	19.70
	DFT-s-OFDM QPSK	1	1	18.80	18.89	18.87	19.70
	DFT-s-OFDM 16QAM	1	1	18.35	18.24	18.22	19.70
	DFT-s-OFDM 64QAM	1	1	18.33	18.27	18.25	19.70
	DFT-s-OFDM 256QAM	1	1	18.36	18.38	18.31	19.70
	CP-OFDM QPSK	1	1	18.14	18.17	18.15	19.70
	CP-OFDM 16QAM	1	1	18.16	18.22	18.13	19.70
	CP-OFDM 64QAM	1	1	18.26	18.18	18.20	19.70
	CP-OFDM 256QAM	1	1	16.60	16.58	16.51	17.70

5G N66-State 11 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.69	22.83	22.83	23.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.51	22.79	22.67	23.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.79	22.79	22.89	23.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.74	22.72	22.78	23.20
		1	53	22.61	**23.01**	22.60	23.20
		1	104	22.96	22.88	22.86	23.20
	DFT-s-OFDM BPSK	50	0	22.72	22.90	22.74	23.20
		50	28	23.07	23.18	23.00	23.20
		50	56	23.17	**23.19**	23.14	23.20
	DFT-s-OFDM BPSK	100	0	22.27	**22.52**	22.45	23.20
	DFT-s-OFDM QPSK	1	1	22.85	22.87	22.66	23.20
	DFT-s-OFDM 16QAM	1	1	22.91	22.93	22.84	23.20
	DFT-s-OFDM 64QAM	1	1	20.95	21.14	20.93	22.20
	DFT-s-OFDM 256QAM	1	1	19.19	19.19	18.98	20.20
	CP-OFDM QPSK	1	1	22.17	22.28	22.35	23.20
	CP-OFDM 16QAM	1	1	21.76	21.83	21.94	22.70
	CP-OFDM 64QAM	1	1	20.13	20.23	20.31	21.20
	CP-OFDM 256QAM	1	1	17.12	17.14	17.05	17.70

5G N66-State 15 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	21.58	21.84	21.90	22.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	21.71	21.73	21.77	22.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	21.62	21.60	21.77	22.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	21.73	21.80	21.90	22.20
		1	53	21.85	**22.06**	21.73	22.20
		1	104	22.00	21.94	21.85	22.20
	DFT-s-OFDM BPSK	50	0	21.82	21.89	21.80	22.20
		50	28	22.05	22.18	22.02	22.20
		50	56	21.99	**22.19**	22.01	22.20
	DFT-s-OFDM BPSK	100	0	21.44	**21.50**	**21.50**	22.20
	DFT-s-OFDM QPSK	1	1	21.68	21.83	21.81	22.20
	DFT-s-OFDM 16QAM	1	1	21.86	21.88	21.70	22.20
	DFT-s-OFDM 64QAM	1	1	20.96	21.13	21.07	22.20
	DFT-s-OFDM 256QAM	1	1	18.99	19.16	19.22	20.20
	CP-OFDM QPSK	1	1	21.67	21.82	21.73	22.20
	CP-OFDM 16QAM	1	1	21.84	21.84	21.86	22.20
	CP-OFDM 64QAM	1	1	20.09	20.13	20.17	21.20
	CP-OFDM 256QAM	1	1	16.99	17.04	17.09	17.70

5G N66-State 17 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	15.57	15.50	15.55	16.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	15.50	15.57	15.56	16.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	15.67	15.52	15.80	16.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	15.62	15.66	15.72	16.20
		1	53	15.72	**16.01**	15.14	16.20
		1	104	15.81	15.80	15.72	16.20
	DFT-s-OFDM BPSK	50	0	15.69	15.72	15.77	16.20
		50	28	16.11	16.13	15.98	16.20
		50	56	16.13	**16.15**	16.10	16.20
	DFT-s-OFDM BPSK	100	0	15.15	**15.30**	15.17	16.20
	DFT-s-OFDM QPSK	1	1	15.59	15.65	15.57	16.20
	DFT-s-OFDM 16QAM	1	1	15.62	15.76	15.70	16.20
	DFT-s-OFDM 64QAM	1	1	15.43	15.40	15.23	16.20
	DFT-s-OFDM 256QAM	1	1	15.45	15.57	15.54	16.20
	CP-OFDM QPSK	1	1	15.70	15.65	15.63	16.20
	CP-OFDM 16QAM	1	1	15.55	15.68	15.68	16.20
	CP-OFDM 64QAM	1	1	15.31	15.48	15.56	16.20
	CP-OFDM 256QAM	1	1	15.62	15.70	15.67	16.20

5G N66-State 19 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	21.58	21.84	21.90	22.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	21.71	21.73	21.77	22.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	21.62	21.60	21.77	22.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	21.73	21.80	21.90	22.20
		1	53	21.85	**22.06**	21.73	22.20
		1	104	22.00	21.94	21.85	22.20
	DFT-s-OFDM BPSK	50	0	21.82	21.89	21.80	22.20
		50	28	22.05	22.18	22.02	22.20
		50	56	21.99	**22.19**	22.01	22.20
	DFT-s-OFDM BPSK	100	0	21.44	**21.50**	**21.50**	22.20
	DFT-s-OFDM QPSK	1	1	21.68	21.83	21.81	22.20
	DFT-s-OFDM 16QAM	1	1	21.86	21.88	21.70	22.20
	DFT-s-OFDM 64QAM	1	1	20.96	21.13	21.07	22.20
	DFT-s-OFDM 256QAM	1	1	18.99	19.16	19.22	20.20
	CP-OFDM QPSK	1	1	21.67	21.82	21.73	22.20
	CP-OFDM 16QAM	1	1	21.84	21.84	21.86	22.20
	CP-OFDM 64QAM	1	1	20.09	20.13	20.17	21.20
	CP-OFDM 256QAM	1	1	16.99	17.04	17.09	17.70

5G N66-State 12 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 16 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 18 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 20 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 11 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.44	22.60	22.92	23.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.51	22.74	22.65	23.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.44	22.60	22.94	23.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.73	22.76	22.74	23.20
		1	53	22.69	**22.99**	22.62	23.20
		1	104	22.45	22.50	22.28	23.20
	DFT-s-OFDM BPSK	50	0	22.51	22.61	22.62	23.20
		50	28	22.57	**22.69**	22.34	23.20
		50	56	22.33	22.56	22.49	23.20
	DFT-s-OFDM BPSK	100	0	22.74	**22.97**	22.62	23.20
	DFT-s-OFDM QPSK	1	1	22.70	22.83	22.27	23.20
	DFT-s-OFDM 16QAM	1	1	22.69	22.45	22.60	23.20
	DFT-s-OFDM 64QAM	1	1	20.60	20.81	20.77	22.20
	DFT-s-OFDM 256QAM	1	1	18.92	19.09	19.12	20.20
	CP-OFDM QPSK	1	1	21.70	21.64	21.82	23.20
	CP-OFDM 16QAM	1	1	21.13	21.62	21.39	22.70
	CP-OFDM 64QAM	1	1	19.68	19.68	19.46	21.20
	CP-OFDM 256QAM	1	1	16.51	16.63	16.56	17.70

5G N66-State 15 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	19.78	20.29	20.03	20.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	19.76	20.21	20.29	20.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	19.72	20.07	20.11	20.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	19.90	20.23	20.25	20.70
		1	53	20.28	**20.36**	20.20	20.70
		1	104	20.09	20.07	20.11	20.70
	DFT-s-OFDM BPSK	50	0	19.88	20.06	20.04	20.70
		50	28	20.06	**20.08**	19.86	20.70
		50	56	19.84	19.83	20.02	20.70
	DFT-s-OFDM BPSK	100	0	20.21	**20.44**	20.11	20.70
	DFT-s-OFDM QPSK	1	1	20.12	20.34	19.85	20.70
	DFT-s-OFDM 16QAM	1	1	20.44	20.01	20.33	20.70
	DFT-s-OFDM 64QAM	1	1	20.28	20.26	19.83	20.70
	DFT-s-OFDM 256QAM	1	1	18.71	18.92	19.12	20.20
	CP-OFDM QPSK	1	1	21.68	21.55	21.77	23.20
	CP-OFDM 16QAM	1	1	20.12	19.97	20.25	20.70
	CP-OFDM 64QAM	1	1	19.70	19.52	19.42	20.70
	CP-OFDM 256QAM	1	1	16.57	16.54	16.62	17.70

5G N66-State 17 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	19.28	19.35	19.56	19.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	19.46	19.47	19.30	19.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	19.36	19.49	19.52	19.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	19.36	19.41	19.48	19.70
		1	53	19.26	19.46	19.33	19.70
		1	104	19.48	**19.50**	19.33	19.70
	DFT-s-OFDM BPSK	50	0	19.47	19.43	19.41	19.70
		50	28	19.42	**19.48**	19.30	19.70
		50	56	19.25	19.46	19.46	19.70
	DFT-s-OFDM BPSK	100	0	19.48	19.46	**19.52**	19.70
	DFT-s-OFDM QPSK	1	1	19.19	19.38	19.36	19.70
	DFT-s-OFDM 16QAM	1	1	19.29	19.48	19.42	19.70
	DFT-s-OFDM 64QAM	1	1	19.17	19.32	19.22	19.70
	DFT-s-OFDM 256QAM	1	1	18.84	18.78	18.84	19.70
	CP-OFDM QPSK	1	1	19.24	19.36	19.15	19.70
	CP-OFDM 16QAM	1	1	18.93	18.95	19.03	19.70
	CP-OFDM 64QAM	1	1	19.17	19.36	19.28	19.70
	CP-OFDM 256QAM	1	1	16.86	16.88	16.88	17.70

5G N66-State 19 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	19.78	20.29	20.03	20.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	19.76	20.21	20.29	20.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	19.72	20.07	20.11	20.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	19.90	20.23	20.25	20.70
		1	53	20.28	**20.36**	20.20	20.70
		1	104	20.09	20.07	20.11	20.70
	DFT-s-OFDM BPSK	50	0	19.88	20.06	20.04	20.70
		50	28	20.06	**20.08**	19.86	20.70
		50	56	19.84	19.83	20.02	20.70
	DFT-s-OFDM BPSK	100	0	20.21	**20.44**	20.11	20.70
	DFT-s-OFDM QPSK	1	1	20.12	20.34	19.85	20.70
	DFT-s-OFDM 16QAM	1	1	20.44	20.01	20.33	20.70
	DFT-s-OFDM 64QAM	1	1	20.28	20.26	19.83	20.70
	DFT-s-OFDM 256QAM	1	1	18.71	18.92	19.12	20.20
	CP-OFDM QPSK	1	1	21.68	21.55	21.77	23.20
	CP-OFDM 16QAM	1	1	20.12	19.97	20.25	20.70
	CP-OFDM 64QAM	1	1	19.70	19.52	19.42	20.70
	CP-OFDM 256QAM	1	1	16.57	16.54	16.62	17.70

5G N66-State 12 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM 256QAM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 16 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM 256QAM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 18 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM 256QAM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 20 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM 256QAM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 11 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	19.28	19.35	19.56	19.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	19.46	19.47	19.30	19.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	19.36	19.49	19.52	19.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	19.36	19.41	19.48	19.70
		1	53	19.26	19.46	19.33	19.70
		1	104	19.48	**19.50**	19.33	19.70
	DFT-s-OFDM BPSK	50	0	19.47	19.43	19.41	19.70
		50	28	19.42	**19.48**	19.30	19.70
		50	56	19.25	19.46	19.46	19.70
	DFT-s-OFDM BPSK	100	0	19.48	19.46	**19.52**	19.70
	DFT-s-OFDM QPSK	1	1	19.19	19.38	19.36	19.70
	DFT-s-OFDM 16QAM	1	1	19.29	19.48	19.42	19.70
	DFT-s-OFDM 64QAM	1	1	19.17	19.32	19.22	19.70
	DFT-s-OFDM 256QAM	1	1	18.84	18.78	18.84	19.70
	CP-OFDM QPSK	1	1	19.24	19.36	19.15	19.70
	CP-OFDM 16QAM	1	1	18.93	18.95	19.03	19.70
	CP-OFDM 64QAM	1	1	19.17	19.36	19.28	19.70
	CP-OFDM 256QAM	1	1	16.86	16.88	16.88	17.70

5G N66-State 15 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	17.64	17.87	17.84	18.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	17.80	17.78	17.66	18.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	17.68	17.80	17.91	18.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	17.80	17.89	17.84	18.20
		1	53	17.68	17.82	17.75	18.20
		1	104	17.89	**17.94**	17.79	18.20
	DFT-s-OFDM BPSK	50	0	17.73	17.86	17.82	18.20
		50	28	17.89	17.89	17.80	18.20
		50	56	**17.92**	**17.92**	17.85	18.20
	DFT-s-OFDM BPSK	100	0	17.67	**17.87**	17.67	18.20
	DFT-s-OFDM QPSK	1	1	17.72	17.90	17.77	18.20
	DFT-s-OFDM 16QAM	1	1	17.90	18.03	18.10	18.20
	DFT-s-OFDM 64QAM	1	1	17.78	17.85	17.89	18.20
	DFT-s-OFDM 256QAM	1	1	17.75	17.82	17.68	18.20
	CP-OFDM QPSK	1	1	17.84	17.91	17.86	18.20
	CP-OFDM 16QAM	1	1	17.44	17.42	17.51	18.20
	CP-OFDM 64QAM	1	1	17.67	17.83	17.65	18.20
	CP-OFDM 256QAM	1	1	16.96	16.91	16.74	17.70

5G N66-State 17 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	16.35	16.24	16.27	16.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	16.32	16.42	16.43	16.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	16.20	16.24	16.32	16.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	16.30	16.35	16.35	16.70
		1	53	16.23	16.29	16.21	16.70
		1	104	16.36	**16.40**	16.32	16.70
	DFT-s-OFDM BPSK	50	0	16.20	16.35	16.33	16.70
		50	28	16.32	16.34	16.26	16.70
		50	56	16.20	**16.36**	16.33	16.70
	DFT-s-OFDM BPSK	100	0	16.40	16.37	**16.42**	16.70
	DFT-s-OFDM QPSK	1	1	16.26	16.36	16.39	16.70
	DFT-s-OFDM 16QAM	1	1	16.53	16.46	16.38	16.70
	DFT-s-OFDM 64QAM	1	1	16.20	16.28	16.17	16.70
	DFT-s-OFDM 256QAM	1	1	16.32	16.24	16.26	16.70
	CP-OFDM QPSK	1	1	16.26	16.34	16.31	16.70
	CP-OFDM 16QAM	1	1	15.82	15.88	15.83	16.70
	CP-OFDM 64QAM	1	1	16.14	16.30	16.17	16.70
	CP-OFDM 256QAM	1	1	16.29	16.36	16.34	16.70

5G N66-State 19 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	17.64	17.87	17.84	18.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	17.80	17.78	17.66	18.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	17.68	17.80	17.91	18.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	17.80	17.89	17.84	18.20
		1	53	17.68	17.82	17.75	18.20
		1	104	17.89	**17.94**	17.79	18.20
	DFT-s-OFDM BPSK	50	0	17.73	17.86	17.82	18.20
		50	28	17.89	17.89	17.80	18.20
		50	56	**17.92**	**17.92**	17.85	18.20
	DFT-s-OFDM BPSK	100	0	17.67	**17.87**	17.67	18.20
	DFT-s-OFDM QPSK	1	1	17.72	17.90	17.77	18.20
	DFT-s-OFDM 16QAM	1	1	17.90	18.03	18.10	18.20
	DFT-s-OFDM 64QAM	1	1	17.78	17.85	17.89	18.20
	DFT-s-OFDM 256QAM	1	1	17.75	17.82	17.68	18.20
	CP-OFDM QPSK	1	1	17.84	17.91	17.86	18.20
	CP-OFDM 16QAM	1	1	17.44	17.42	17.51	18.20
	CP-OFDM 64QAM	1	1	17.67	17.83	17.65	18.20
	CP-OFDM 256QAM	1	1	16.96	16.91	16.74	17.70

5G N66-State 12 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.33	22.58	22.31	23.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.33	22.44	22.13	23.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.48	22.44	22.20	23.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.46	**22.51**	22.38	23.20
		1	53	22.31	22.40	22.35	23.20
		1	104	22.50	22.49	22.42	23.20
	DFT-s-OFDM BPSK	50	0	22.06	21.97	22.08	23.20
		50	28	22.30	**22.43**	22.34	23.20
		50	56	21.61	22.01	21.57	23.20
	DFT-s-OFDM BPSK	100	0	21.93	**21.97**	21.73	23.20
	DFT-s-OFDM QPSK	1	1	22.23	22.45	22.05	23.20
	DFT-s-OFDM 16QAM	1	1	21.71	21.73	21.49	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.32	20.36	22.20
	DFT-s-OFDM 256QAM	1	1	18.39	18.34	18.21	20.20
	CP-OFDM QPSK	1	1	21.30	21.24	21.21	23.20
	CP-OFDM 16QAM	1	1	20.73	20.71	20.74	22.70
	CP-OFDM 64QAM	1	1	19.47	19.39	19.43	21.20
	CP-OFDM 256QAM	1	1	15.71	15.86	15.82	17.70

5G N66-State 16 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	21.46	21.57	21.71	22.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	21.68	21.76	21.52	22.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	21.63	21.65	21.65	22.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	21.70	**21.74**	21.69	22.20
		1	53	21.53	21.32	21.57	22.20
		1	104	21.53	21.45	21.55	22.20
	DFT-s-OFDM BPSK	50	0	21.69	**21.75**	21.71	22.20
		50	28	21.28	21.48	21.50	22.20
		50	56	21.38	21.35	21.64	22.20
	DFT-s-OFDM BPSK	100	0	21.50	**21.69**	21.67	22.20
	DFT-s-OFDM QPSK	1	1	21.68	21.51	21.60	22.20
	DFT-s-OFDM 16QAM	1	1	21.47	21.50	21.63	22.20
	DFT-s-OFDM 64QAM	1	1	20.35	20.32	20.37	22.20
	DFT-s-OFDM 256QAM	1	1	18.34	18.34	18.30	20.20
	CP-OFDM QPSK	1	1	21.24	21.24	21.28	22.20
	CP-OFDM 16QAM	1	1	20.72	20.71	20.79	22.20
	CP-OFDM 64QAM	1	1	19.43	19.39	19.29	21.20
	CP-OFDM 256QAM	1	1	15.81	15.86	15.78	17.70

5G N66-State 18 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	20.86	21.04	20.63	21.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	20.76	21.08	20.67	21.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	20.65	21.14	20.67	21.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	20.86	**21.06**	20.84	21.20
		1	53	20.84	21.03	20.82	21.20
		1	104	21.04	21.02	20.92	21.20
	DFT-s-OFDM BPSK	50	0	21.04	**21.06**	21.02	21.20
		50	28	20.89	21.03	20.93	21.20
		50	56	21.05	20.95	20.74	21.20
	DFT-s-OFDM BPSK	100	0	20.88	**21.07**	21.01	21.20
	DFT-s-OFDM QPSK	1	1	20.74	20.93	20.87	21.20
	DFT-s-OFDM 16QAM	1	1	21.16	21.18	21.10	21.20
	DFT-s-OFDM 64QAM	1	1	19.71	19.85	19.87	21.20
	DFT-s-OFDM 256QAM	1	1	18.47	18.41	18.41	20.20
	CP-OFDM QPSK	1	1	20.80	20.93	20.89	21.20
	CP-OFDM 16QAM	1	1	21.13	21.19	21.17	21.20
	CP-OFDM 64QAM	1	1	19.94	19.86	19.66	21.20
	CP-OFDM 256QAM	1	1	15.88	15.84	15.82	17.70

5G N66-State 20 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	21.46	21.57	21.71	22.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	21.68	21.76	21.52	22.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	21.63	21.65	21.65	22.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	21.70	**21.74**	21.69	22.20
		1	53	21.53	21.32	21.57	22.20
		1	104	21.53	21.45	21.55	22.20
	DFT-s-OFDM BPSK	50	0	21.69	**21.75**	21.71	22.20
		50	28	21.28	21.48	21.50	22.20
		50	56	21.38	21.35	21.64	22.20
	DFT-s-OFDM BPSK	100	0	21.50	**21.69**	21.67	22.20
	DFT-s-OFDM QPSK	1	1	21.68	21.51	21.60	22.20
	DFT-s-OFDM 16QAM	1	1	21.47	21.50	21.63	22.20
	DFT-s-OFDM 64QAM	1	1	20.35	20.32	20.37	22.20
	DFT-s-OFDM 256QAM	1	1	18.34	18.34	18.30	20.20
	CP-OFDM QPSK	1	1	21.24	21.24	21.28	22.20
	CP-OFDM 16QAM	1	1	20.72	20.71	20.79	22.20
	CP-OFDM 64QAM	1	1	19.43	19.39	19.29	21.20
	CP-OFDM 256QAM	1	1	15.81	15.86	15.78	17.70

5G N66-State 11 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.33	22.58	22.31	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.33	22.44	22.13	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.48	22.44	22.20	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.46	**22.51**	22.38	24.20
		1	53	22.31	22.40	22.35	24.20
		1	104	22.50	22.49	22.42	24.20
	DFT-s-OFDM BPSK	50	0	22.06	21.97	22.08	24.20
		50	28	22.30	**22.43**	22.34	24.20
		50	56	21.61	22.01	21.57	24.20
	DFT-s-OFDM BPSK	100	0	21.93	**21.97**	21.73	24.20
	DFT-s-OFDM QPSK	1	1	22.23	22.45	22.05	24.20
	DFT-s-OFDM 16QAM	1	1	21.71	21.73	21.49	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.32	20.36	22.20
	DFT-s-OFDM 256QAM	1	1	18.39	18.34	18.21	20.20
	CP-OFDM QPSK	1	1	21.30	21.24	21.21	23.20
	CP-OFDM 16QAM	1	1	20.73	20.71	20.74	22.70
	CP-OFDM 64QAM	1	1	19.47	19.39	19.43	21.20
	CP-OFDM 256QAM	1	1	15.71	15.86	15.82	17.70

5G N66-State 15 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.33	22.58	22.31	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.33	22.44	22.13	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.48	22.44	22.20	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.46	**22.51**	22.38	24.20
		1	53	22.31	22.40	22.35	24.20
		1	104	22.50	22.49	22.42	24.20
	DFT-s-OFDM BPSK	50	0	22.06	21.97	22.08	24.20
		50	28	22.30	**22.43**	22.34	24.20
		50	56	21.61	22.01	21.57	24.20
	DFT-s-OFDM BPSK	100	0	21.93	**21.97**	21.73	24.20
	DFT-s-OFDM QPSK	1	1	22.23	22.45	22.05	24.20
	DFT-s-OFDM 16QAM	1	1	21.71	21.73	21.49	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.32	20.36	22.20
	DFT-s-OFDM 256QAM	1	1	18.39	18.34	18.21	20.20
	CP-OFDM QPSK	1	1	21.30	21.24	21.21	23.20
	CP-OFDM 16QAM	1	1	20.73	20.71	20.74	22.70
	CP-OFDM 64QAM	1	1	19.47	19.39	19.43	21.20
	CP-OFDM 256QAM	1	1	15.71	15.86	15.82	17.70

5G N66-State 17 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.33	22.58	22.31	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.33	22.44	22.13	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.48	22.44	22.20	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.46	**22.51**	22.38	24.20
		1	53	22.31	22.40	22.35	24.20
		1	104	22.50	22.49	22.42	24.20
	DFT-s-OFDM BPSK	50	0	22.06	21.97	22.08	24.20
		50	28	22.30	**22.43**	22.34	24.20
		50	56	21.61	22.01	21.57	24.20
	DFT-s-OFDM BPSK	100	0	21.93	**21.97**	21.73	24.20
	DFT-s-OFDM QPSK	1	1	22.23	22.45	22.05	24.20
	DFT-s-OFDM 16QAM	1	1	21.71	21.73	21.49	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.32	20.36	22.20
	DFT-s-OFDM 256QAM	1	1	18.39	18.34	18.21	20.20
	CP-OFDM QPSK	1	1	21.30	21.24	21.21	23.20
	CP-OFDM 16QAM	1	1	20.73	20.71	20.74	22.70
	CP-OFDM 64QAM	1	1	19.47	19.39	19.43	21.20
	CP-OFDM 256QAM	1	1	15.71	15.86	15.82	17.70

5G N66-State 19 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.33	22.58	22.31	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.33	22.44	22.13	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.48	22.44	22.20	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.46	**22.51**	22.38	24.20
		1	53	22.31	22.40	22.35	24.20
		1	104	22.50	22.49	22.42	24.20
	DFT-s-OFDM BPSK	50	0	22.06	21.97	22.08	24.20
		50	28	22.30	**22.43**	22.34	24.20
		50	56	21.61	22.01	21.57	24.20
	DFT-s-OFDM BPSK	100	0	21.93	**21.97**	21.73	24.20
	DFT-s-OFDM QPSK	1	1	22.23	22.45	22.05	24.20
	DFT-s-OFDM 16QAM	1	1	21.71	21.73	21.49	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.32	20.36	22.20
	DFT-s-OFDM 256QAM	1	1	18.39	18.34	18.21	20.20
	CP-OFDM QPSK	1	1	21.30	21.24	21.21	23.20
	CP-OFDM 16QAM	1	1	20.73	20.71	20.74	22.70
	CP-OFDM 64QAM	1	1	19.47	19.39	19.43	21.20
	CP-OFDM 256QAM	1	1	15.71	15.86	15.82	17.70