



REPORT No.: SZ24030252S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacturer's document.



Full Power

Band 41 (2496~2690MHz) (dBm)											
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Low Channel	Middle Channel	Middle High Channel	High Channel	Tune-up limit (dBm)		
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.55	23.52	23.59	23.51	23.50	24.5		
20	QPSK	1	49	23.40	23.38	23.52	23.33	23.50			
20	QPSK	1	99	23.43	23.53	23.56	23.39	23.40			
20	QPSK	50	0	22.62	22.61	22.63	22.56	22.57			
20	QPSK	50	24	22.43	22.41	22.63	22.42	22.48	23.5		
20	QPSK	50	50	22.56	22.36	22.59	22.41	22.55			
20	QPSK	100	0	22.48	22.50	22.56	22.60	22.37			
20	16QAM	1	0	22.54	22.52	22.71	22.72	22.67			
20	16QAM	1	49	22.65	22.51	22.56	22.78	22.53	23.5		
20	16QAM	1	99	22.50	22.49	22.61	22.62	22.69			
20	16QAM	50	0	21.55	21.49	21.69	21.62	21.65			
20	16QAM	50	24	21.40	21.41	21.57	21.64	21.60			
20	16QAM	50	50	21.54	21.38	21.61	21.51	21.52	22.5		
20	16QAM	100	0	21.60	21.43	21.43	21.46	21.45			
20	64QAM	1	0	21.65	21.56	21.73	21.58	21.65			
20	64QAM	1	49	21.59	21.51	21.58	21.40	21.60			
20	64QAM	1	99	21.44	21.57	21.41	21.48	21.51	22.5		
20	64QAM	50	0	20.44	20.51	20.70	20.59	20.58			
20	64QAM	50	24	20.36	20.52	20.56	20.47	20.58			
20	64QAM	50	50	20.57	20.49	20.47	20.47	20.53			
20	64QAM	100	0	20.36	20.33	20.46	20.34	20.35	21.5		
20	256QAM	1	0	18.34	18.46	18.56	18.32	18.39			
20	256QAM	1	49	18.30	18.40	18.46	18.46	18.35			
20	256QAM	1	99	18.38	18.51	18.34	18.29	18.28			
20	256QAM	50	0	17.28	17.35	17.63	17.41	17.38	19.5		
20	256QAM	50	24	17.39	17.31	17.41	17.54	17.46			
20	256QAM	50	50	17.38	17.53	17.50	17.27	17.29			
20	256QAM	100	0	17.37	17.42	17.50	17.38	17.28			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)		
Frequency (MHz)				2503.5	2543.3	2593	2637.8	2682.5			
15	QPSK	1	0	23.46	23.43	23.50	23.42	23.41	24.5		
15	QPSK	1	37	23.31	23.29	23.43	23.24	23.41			
15	QPSK	1	74	23.34	23.44	23.47	23.30	23.31			
15	QPSK	36	0	22.53	22.52	22.54	22.47	22.48			
15	QPSK	36	20	22.34	22.32	22.54	22.33	22.39	23.5		
15	QPSK	36	39	22.47	22.27	22.50	22.32	22.46			
15	QPSK	75	0	22.39	22.41	22.47	22.51	22.28			
15	16QAM	1	0	22.45	22.43	22.62	22.63	22.58			
15	16QAM	1	37	22.56	22.42	22.47	22.69	22.44	23.5		
15	16QAM	1	74	22.41	22.40	22.52	22.53	22.60			
15	16QAM	36	0	21.46	21.40	21.60	21.53	21.56			
15	16QAM	36	20	21.31	21.32	21.48	21.55	21.51			
15	16QAM	36	39	21.45	21.29	21.52	21.42	21.43	22.5		
15	16QAM	75	0	21.51	21.34	21.34	21.37	21.36			
15	64QAM	1	0	21.56	21.47	21.64	21.49	21.56			
15	64QAM	1	37	21.50	21.42	21.49	21.31	21.51			
15	64QAM	1	74	21.35	21.48	21.32	21.39	21.42	22.5		
15	64QAM	36	0	20.35	20.42	20.61	20.50	20.49			
15	64QAM	36	20	20.27	20.43	20.47	20.38	20.49			
15	64QAM	36	39	20.48	20.40	20.38	20.35	20.44			
15	64QAM	75	0	20.27	20.24	20.37	20.25	20.26	21.5		
15	256QAM	1	0	18.25	18.37	18.47	18.23	18.30			
15	256QAM	1	37	18.21	18.31	18.37	18.37	18.26			
15	256QAM	1	74	18.29	18.42	18.25	18.20	18.19			
15	256QAM	36	0	17.19	17.26	17.54	17.32	17.29	18.5		
15	256QAM	36	20	17.30	17.22	17.32	17.45	17.37			
15	256QAM	36	39	17.29	17.44	17.41	17.18	17.20			
15	256QAM	75	0	17.28	17.33	17.41	17.29	17.19			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)		
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	23.38	23.35	23.42	23.34	23.33	24.5		
10	QPSK	1	25	23.23	23.21	23.35	23.16	23.33			
10	QPSK	1	49	23.26	23.36	23.39	23.22	23.23			
10	QPSK	25	0	22.45	22.44	22.46	22.39	22.40			
10	QPSK	25	12	22.26	22.24	22.46	22.25	22.31	23.5		
10	QPSK	25	25	22.39	22.19	22.42	22.24	22.38			
10	QPSK	50	0	22.31	22.33	22.39	22.43	22.20			
10	16QAM	1	0	22.37	22.35	22.54	22.55	22.50			
10	16QAM	1	25	22.48	22.34	22.39	22.61	22.36	23.5		
10	16QAM	1	49	22.33	22.32	22.44	22.45	22.52			
10	16QAM	25	0	21.38	21.32	21.52	21.45	21.48			
10	16QAM	25	12	21.23	21.21	21.40	21.47	21.43			
10	16QAM	25	25	21.37	21.21	21.44	21.34	21.35	22.5		
10	16QAM	50	0	21.43	21.26	21.26	21.29	21.28			
10	64QAM	1	0	21.48	21.39	21.56	21.41	21.48			
10	64QAM	1	25	21.42	21.34	21.41	21.23	21.43			
10	64QAM	1	49	21.27	21.40	21.24	21.31	21.34	21.5		
10	64QAM	25	0	20.27	20.34	20.53	20.42	20.41			
10	64QAM	25	12	20.19	20.35	20.39	20.30	20.41			
10	64QAM	25	25	20.40	20.32	20.30	20.30	20.36			
10	64QAM	50	0	20.19	20.16	20.29	20.17	20.18	19.5		
10	256QAM	1	0	18.17	18.29	18.39	18.15	18.22			
10	256QAM	1	25	18.13	18.23	18.29	18.29	18.18			
10	256QAM	1	49	18.21	18.34	18.17	18.12	18.11			
10	256QAM	25	0	17.11	17.18	17.46	17.24	17.21	18.5		
10	256QAM	25	12	17.22	17.14	17.24	17.37	17.29			
10	256QAM	25	25	17.21	17.36	17.33	17.10	17.12			
10	256QAM	50	0	17.20	17.25	17.33	17.21	17.11			
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)		
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5			
5	QPSK	1	0	23.31	23.28	23.35	23.27	23.26	24.5		
5	QPSK	1	12	23.16	23.14	23.28	23.09	23.26			
5	QPSK	1	24	23.19	23.29	23.32	23.15	23.16			
5	QPSK	12	0	22.38	22.37	22.39	22.32	22.33			
5	QPSK	12	7	22.19	22.17	22.39	22.18	22.24	23.5		
5	QPSK	12	13	22.32	22.12	22.35	22.17	22.31			
5	QPSK	25	0	22.24	22.26	22.32	22.36	22.13			
5	16QAM	1	0	22.30	22.28	22.47	22.48	22.43			
5	16QAM	1	12	22.41	22.27	22.32	22.54	22.29	23.5		
5	16QAM	1	24	22.26	22.25	22.37	22.38	22.45			
5	16QAM	12	0	21.31	21.25	21.45	21.38	21.41			
5	16QAM	12	7	21.16	21.17	21.33	21.40	21.36			
5	16QAM	12	13	21.30	21.14	21.37	21.27	21.28	22.5		
5	16QAM	25	0	21.36	21.19	21.19	21.22	21.21			
5	64QAM	1	0	21.41	21.32	21.49	21.34	21.41			
5	64QAM	1	12	21.35	21.27	21.34	21.16	21.36			
5	64QAM	1	24	21.20	21.33	21.17	21.24	21.27	21.5		
5	64QAM	12	0	20.20	20.27	20.46	20.35	20.34			
5	64QAM	12	7	20.12	20.28	20.32	20.23	20.34			
5	64QAM	12	13	20.33	20.25	20.23	20.23	20.29			
5	64QAM	25	0	20.12	20.08	20.22	20.10	20.11	19.5		
5	256QAM	1	0	18.10	18.22	18.32	18.08	18.15			
5	256QAM	1	12	18.06	18.16	18.22	18.22	18.11			
5	256QAM	1	24	18.14	18.27	18.10	18.05	18.04	18.5		
5	256QAM	12	0	17.04	17.11	17.39	17.17	17.14			
5	256QAM	12	7	17.15	17.07	17.17	17.30	17.22			
5	256QAM	12	13	17.14	17.28	17.26	17.03	17.06			
5	256QAM	25	0	17.13	17.19	17.26	17.14	17.05			

n41 (PC2)_SCS 15KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				504201	511404	518601	525798	532998	27.50
Frequency (MHz)				2521.01	2557.02	2593.01	2626.5	2664.99	
50	DFT-s-OFDM PI/2 BPSK	1	1	26.10	25.99	26.04	26.08	26.06	27.50
50		1	135	26.11	26.13	26.17	26.19	26.10	
50		1	268	26.03	26.15	26.04	26.01	26.14	
50		135	1	26.03	26.10	26.27	26.13	25.93	27.50
50		135	67	26.13	26.15	26.27	26.21	26.10	
50		135	135	26.16	26.07	26.07	26.29	26.06	
50		270	0	26.13	26.11	26.27	26.24	25.96	
50	DFT-s-OFDM QPSK	1	1	26.24	26.33	26.42	26.39	26.40	27.50
50		1	135	26.16	26.18	26.24	26.25	26.18	
50		1	268	26.07	26.22	26.07	26.06	26.20	
50		135	1	26.26	26.19	26.30	26.21	26.24	27.50
50		135	67	26.19	26.17	26.25	26.25	26.12	
50		135	135	26.17	26.09	26.13	26.29	26.10	
50		270	0	26.16	26.12	26.10	26.26	25.96	
50	DFT-s-OFDM 16QAM	1	1	25.15	25.06	24.72	25.07	25.07	26.00
50	DFT-s-OFDM 64QAM	1	1	23.49	23.40	23.65	23.75	23.60	24.50
50	DFT-s-OFDM 256QAM	1	1	21.66	21.65	21.35	21.45	21.77	22.50
50	CP-OFDM QPSK	1	1	25.56	25.42	25.63	25.44	25.51	26.50
50	CP-OFDM 16QAM	1	1	24.07	23.89	24.00	24.02	24.01	25.00
50	CP-OFDM 64QAM	1	1	22.58	22.68	22.68	22.36	22.67	23.50
50	CP-OFDM 256QAM	1	1	19.83	19.48	19.62	19.79	19.75	20.50
Channel				503202	510900	518601	526296	534000	27.50
Frequency (MHz)				2516.01	2554.5	2593.01	2631.48	2670	
40	DFT-s-OFDM QPSK	1	1	25.82	25.67	25.78	25.76	25.72	27.50
Channel				502200	510402	518601	526800	534999	27.50
Frequency (MHz)				2511	2552.01	2593.01	2634	2674.99	
30	DFT-s-OFDM QPSK	1	1	25.94	25.81	25.96	25.90	25.79	27.50
Channel				501201	509904	518601	527298	535998	27.50
Frequency (MHz)				2506.01	2549.52	2593.01	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	26.28	26.11	26.25	26.19	26.31	27.50
Channel				500700	509652	518601	527550	536499	27.50
Frequency (MHz)				2503.5	2548.26	2593.01	2637.75	2682.49	
15	DFT-s-OFDM QPSK	1	1	26.34	26.04	26.19	26.38	26.14	27.50
Channel				500202	509400	518601	527796	537000	27.50
Frequency (MHz)				2501.01	2547	2593.01	2638.98	2685	
10	DFT-s-OFDM QPSK	1	1	26.31	26.13	26.29	26.23	26.12	27.50

n41 (PC2)_SCS 30KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				509202	513900	518598	523296	528000	28.00
Frequency (MHz)				2546.01	2569.5	2592.99	2616.48	2640	
100	DFT-s-OFDM PI/2 BPSK	1	1	26.55	26.61	26.65	26.66	26.68	28.00
100		1	136	26.69	26.77	26.87	26.90	26.72	
100		1	271	26.69	26.83	26.79	26.74	26.73	
100		135	1	26.67	26.76	27.03	26.86	26.73	28.00
100		135	67	26.76	26.84	27.03	27.03	26.86	
100		135	136	26.77	26.78	26.89	27.10	26.81	
100		270	0	26.73	26.78	27.05	26.98	26.71	
100	DFT-s-OFDM QPSK	1	1	27.24	27.22	27.38	27.19	27.36	28.00
100		1	136	26.74	26.79	26.94	27.05	27.01	
100		1	271	26.70	26.91	26.80	26.91	26.97	
100		135	1	27.01	26.93	27.09	26.92	26.95	28.00
100		135	67	26.78	26.86	27.04	27.08	26.90	
100		135	136	26.82	26.80	26.94	26.93	26.85	
100		270	0	26.73	26.78	27.07	27.04	26.75	
100	DFT-s-OFDM 16QAM	1	1	25.57	25.69	25.87	25.85	25.89	26.50
100	DFT-s-OFDM 64QAM	1	1	24.18	24.12	24.25	24.33	24.31	25.50
100	DFT-s-OFDM 256QAM	1	1	22.16	21.98	22.19	22.27	22.22	23.00
100	CP-OFDM QPSK	1	1	26.01	26.02	26.17	26.12	26.16	27.00
100	CP-OFDM 16QAM	1	1	24.67	24.59	24.79	24.83	24.82	25.50
100	CP-OFDM 64QAM	1	1	23.08	22.98	23.17	23.25	23.24	24.00
100	CP-OFDM 256QAM	1	1	20.30	20.19	20.41	20.51	20.51	21.50
Channel				508200	513402	518598	523800	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	26.75	26.43	26.50	26.61	26.51	28.00
Channel				507204	512904	518598	524298	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	26.91	26.61	26.72	26.81	26.71	28.00
Channel				505200	511902	518598	525798	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	26.88	26.77	26.80	26.83	26.88	28.00
Channel				504204	511404	518598	525798	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2557.02	2592.99	2626.5	2664.99	
50	DFT-s-OFDM QPSK	1	1	27.24	27.22	27.38	27.19	27.36	28.00
Channel				504204	511404	518598	525798	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2557.02	2592.99	2626.5	2664.99	
40	DFT-s-OFDM QPSK	1	1	27.12	27.27	27.33	27.20	27.30	0.00
Channel				504204	511404	518598	525798	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2557.02	2592.99	2626.5	2664.99	
30	DFT-s-OFDM QPSK	1	1	27.01	27.23	27.24	27.17	27.11	0.00
Channel				504204	511404	518598	525798	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2557.02	2592.99	2626.5	2664.99	
20	DFT-s-OFDM QPSK	1	1	27.17	27.02	27.28	27.09	27.26	0.00
Channel				504204	511404	518598	525798	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2557.02	2592.99	2626.5	2664.99	
20	DFT-s-OFDM QPSK	1	1	27.14	27.33	27.05	27.24	27.21	0.00

n48 (PC3)_SCS 15K									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				638334	640000	641666	643332	645000	22.00
Frequency (MHz)				3575.01	3600	3624.99	3647.49	3675	
50	DFT-s-OFDM PI/2 BPSK	1	1	20.49	20.55	20.93	20.74	20.56	22.00
50		1	135	20.68	21.03	20.90	20.77	20.57	
50		1	268	20.97	20.75	20.71	20.53	20.34	
50		135	1	20.65	20.78	20.82	20.87	20.59	22.00
50		135	67	20.69	21.05	20.84	20.83	20.58	
50		135	135	20.76	20.87	20.89	20.66	20.41	
50		270	0	20.63	20.99	20.78	20.75	20.52	
50	DFT-s-OFDM QPSK	1	1	20.47	20.54	21.07	20.75	20.63	22.00
50		1	135	20.69	21.04	20.86	20.79	20.67	
50		1	268	20.96	20.73	20.73	20.52	20.33	
50		135	1	20.87	20.79	20.93	20.89	20.86	22.00
50		135	67	20.69	20.89	20.85	20.85	20.65	
50		135	135	20.76	20.85	20.93	20.68	20.44	
50		270	0	20.68	20.88	20.78	20.77	20.52	
50	DFT-s-OFDM 16QAM	1	1	19.87	19.92	20.30	20.11	20.19	21.00
50	DFT-s-OFDM 64QAM	1	1	18.11	18.17	18.51	18.36	18.39	20.00
50	DFT-s-OFDM 256QAM	1	1	15.89	15.94	16.24	16.15	16.18	17.00
50	CP-OFDM QPSK	1	1	20.00	20.06	20.41	20.24	20.28	25.00
50	CP-OFDM 16QAM	1	1	18.43	18.45	18.81	-55.58	18.62	24.00
50	CP-OFDM 64QAM	1	1	17.07	17.09	17.46	17.09	17.00	23.00
50	CP-OFDM 256QAM	1	1	13.80	13.83	14.27	14.27	14.24	19.00
Channel				638000	639834	641666	643500	645332	22.00
Frequency (MHz)				3570	3597.51	3624.99	3652.5	3679.98	
40	DFT-s-OFDM QPSK	1	1	20.25	20.20	20.56	20.43	20.18	22.00
Channel				637334	639500	641666	643832	646000	22.00
Frequency (MHz)				3560.01	3592.5	3624.99	3657.48	3690	
20	DFT-s-OFDM QPSK	1	1	20.58	20.70	20.66	20.78	20.52	22.00
Channel				637168	639418	641666	643916	646166	22.00
Frequency (MHz)				3557.52	3591.27	3624.99	3658.74	3692.49	
15	DFT-s-OFDM QPSK	1	1	20.57	20.68	20.61	20.70	20.43	22.00
Channel				637000	639334	641666	644000	646332	22.00
Frequency (MHz)				3555	3590.01	3624.99	3660	3694.98	
10	DFT-s-OFDM QPSK	1	1	20.57	20.78	20.64	20.72	20.45	22.00

n48 (PC3)_SCS 30KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				640000	640834	641666	642500	643332	22.50
Frequency (MHz)				3600	3612.51	3624.99	3637.5	3649.98	
100	DFT-s-OFDM PI/2 BPSK	1	1	20.68	20.72	20.72	20.79	20.94	22.50
100		1	136	21.57	21.22	21.17	21.29	21.29	
100		1	271	20.57	20.46	20.46	20.41	20.36	
100		135	1	21.19	21.30	21.47	21.05	21.01	22.50
100		135	67	21.59	21.40	21.19	21.32	21.32	
100		135	136	21.00	21.10	21.14	21.06	21.02	
100		270	0	21.50	21.30	21.04	21.14	21.16	
100	DFT-s-OFDM QPSK	1	1	21.44	21.54	21.61	21.39	21.57	22.50
100		1	136	21.56	21.21	21.21	21.31	21.34	
100		1	271	21.33	21.44	21.13	21.21	21.30	
100		135	1	21.39	21.45	21.53	21.47	21.35	22.50
100		135	67	21.33	21.45	21.24	21.35	21.36	
100		135	136	21.02	21.13	21.18	21.10	21.04	
100		270	0	21.50	21.29	21.07	21.19	21.18	
100	DFT-s-OFDM 16QAM	1	1	20.26	20.29	20.09	20.37	20.50	21.00
100	DFT-s-OFDM 64QAM	1	1	18.17	18.22	18.16	18.30	18.47	19.00
100	DFT-s-OFDM 256QAM	1	1	15.96	16.04	16.17	16.12	16.28	17.00
100	CP-OFDM QPSK	1	1	20.08	20.14	20.22	20.21	20.38	21.00
100	CP-OFDM 16QAM	1	1	18.64	18.70	18.72	18.79	18.94	19.50
100	CP-OFDM 64QAM	1	1	17.06	17.10	17.08	17.17	17.33	18.00
100	CP-OFDM 256QAM	1	1	14.02	14.12	14.20	14.18	14.37	15.00
Channel				639668	640668	641666	642666	643666	22.50
Frequency (MHz)				3595.02	3610.02	3624.99	3639.99	3654.99	
90	DFT-s-OFDM QPSK	1	1	20.76	20.80	20.74	20.97	20.55	22.50
Channel				639334	640500	641666	642832	644000	22.50
Frequency (MHz)				3590.01	3607.5	3624.99	3642.48	3660	
80	DFT-s-OFDM QPSK	1	1	20.92	20.96	20.96	20.83	20.59	22.50
Channel				638668	640168	641666	643332	644866	22.50
Frequency (MHz)				3580.02	3602.52	3624.99	3647.49	3669.99	
60	DFT-s-OFDM QPSK	1	1	20.87	20.89	21.12	20.88	21.01	22.50
Channel				638334	640000	641666	643332	645000	22.50
Frequency (MHz)				3575.01	3600	3624.99	3647.49	3675	
50	DFT-s-OFDM QPSK	1	1	21.08	21.06	21.33	21.12	20.99	22.50
Channel				638000	639834	641666	643500	645332	22.50
Frequency (MHz)				3570	3597.51	3624.99	3652.5	3679.98	
40	DFT-s-OFDM QPSK	1	1	20.81	20.82	21.04	20.80	20.75	22.50
Channel				637334	639500	641666	643832	646000	22.50
Frequency (MHz)				3560.01	3592.5	3624.99	3657.48	3690	
20	DFT-s-OFDM QPSK	1	1	21.22	21.23	21.10	21.24	21.04	22.50
Channel				637168	639418	641666	643916	646166	22.50
Frequency (MHz)				3557.52	3591.27	3624.99	3658.74	3692.49	
15	DFT-s-OFDM QPSK	1	1	21.25	21.33	21.10	21.25	21.03	22.50
Channel				637000	639334	641666	644000	646332	22.50
Frequency (MHz)				3555	3590.01	3624.99	3660	3694.98	
10	DFT-s-OFDM QPSK	1	1	21.27	21.35	21.16	21.30	21.07	22.50

n77(3450-3550MHz) (PC2)_SCS 15KHz										
BW [MHz]	Modulation		RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up
Channel					631668	632500	633334	634166	635000	limit
Frequency (MHz)					3475.02	3487.5	3500.01	3510	3525	(dBm)
50	DFT-s-OFDM PI/2 BPSK		1	1	23.28	23.20	23.08	22.96	22.95	24.50
50			1	135	23.20	23.16	23.13	22.96	22.89	
50			1	268	22.96	22.84	22.69	22.81	23.09	
50			135	1	23.22	23.12	23.06	23.01	22.86	24.00
50			135	67	23.22	23.17	23.16	23.00	22.89	
50			135	135	23.12	23.15	22.95	22.87	22.95	
50	DFT-s-OFDM QPSK		270	0	23.18	23.10	23.11	22.97	22.84	24.50
50			1	1	23.42	23.40	23.62	23.51	23.59	
50			1	135	23.24	23.12	23.16	22.94	22.85	
50			1	268	22.98	22.83	22.71	22.82	23.10	24.00
50			135	1	23.27	23.15	23.07	23.03	22.88	
50			135	67	23.25	23.20	23.19	22.98	22.92	
50			135	135	23.16	23.15	22.98	22.87	22.96	24.00
50			270	0	23.19	23.14	23.14	22.96	22.87	
50	DFT-s-OFDM 16QAM		1	1	22.33	22.15	22.00	21.87	21.89	23.50
50	DFT-s-OFDM 64QAM		1	1	20.84	20.77	20.61	20.47	20.50	21.50
50	DFT-s-OFDM 256QAM		1	1	19.00	18.94	18.78	18.69	18.67	20.00
50	CP-OFDM QPSK		1	1	22.75	22.67	22.52	22.44	22.41	23.50
50	CP-OFDM 16QAM		1	1	21.30	21.18	21.05	20.95	20.90	22.00
50	CP-OFDM 64QAM		1	1	20.19	20.08	19.96	19.85	19.81	21.00
50	CP-OFDM 256QAM		1	1	16.99	16.91	16.76	16.68	16.65	18.00
Channel					631334	632334	633334	634332	635332	Tune-up
Frequency (MHz)					3470.01	3485.01	3500.01	3514.98	3529.98	limit
40	DFT-s-OFDM QPSK		1	1	23.44	23.28	23.36	23.29	23.41	24.50
Channel					630668	632000	633334	634666	636000	Tune-up
Frequency (MHz)					3460.02	3480	3500.01	3519.99	3540	limit
20	DFT-s-OFDM QPSK		1	1	23.24	23.03	22.91	22.70	22.58	24.50
Channel					630500	631916	633334	634750	636166	Tune-up
Frequency (MHz)					3457.5	3478.74	3500.01	3521.25	3542.49	limit
15	DFT-s-OFDM QPSK		1	1	23.31	23.03	22.94	22.68	22.64	24.50
Channel					630334	631834	633334	634834	636332	Tune-up
Frequency (MHz)					3455.01	3477.51	3500.01	3522.51	3544.98	limit
10	DFT-s-OFDM QPSK		1	1	23.31	23.07	22.97	22.67	22.78	24.50

n77(3450-3550MHz) (PC2)_SCS 30KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Upper Channel	Upper/Middle Channel	High Channel	Tune-up limit (dBm)
Channel						633334			
Frequency (MHz)						3500.01			
100	DFT-s-OFDM PI/2 BPSK	1	1			23.35			24.50
100		1	136			23.01			
100		1	271			22.40			
100		135	1			23.28			24.50
100		135	67			23.04			
100		135	136			22.67			
100	DFT-s-OFDM QPSK	270	0			22.89			24.50
100		1	1			23.65			
100		1	136			23.16			
100		1	271			22.42			24.50
100		135	1			23.45			
100		135	67			23.21			
100	DFT-s-OFDM 16QAM	135	136			23.09			24.50
100		270	0			22.93			
100		1	1			21.57			22.50
100	DFT-s-OFDM 64QAM	1	1			20.11			21.00
100	DFT-s-OFDM 256QAM	1	1			18.45			19.50
100	CP-OFDM QPSK	1	1			22.11			23.00
100	CP-OFDM 16QAM	1	1			20.63			21.50
100	CP-OFDM 64QAM	1	1			19.54			20.50
100	CP-OFDM 256QAM	1	1			16.33			17.50
Channel				633000	633168	633334	633500	633666	Tune-up limit
Frequency (MHz)				3495	3497.52	3500.01	3502.5	3504.99	
90	DFT-s-OFDM QPSK	1	1	22.71	22.66	22.63	22.59	22.59	24.50
Channel				632668	633000	633334	633666	634000	Tune-up limit
Frequency (MHz)				3490.02	3495	3500.01	3504.99	3510	
80	DFT-s-OFDM QPSK	1	1	22.90	22.83	22.80	22.74	22.67	24.50
Channel				632334	632668	633334	633666	634000	Tune-up limit
Frequency (MHz)				3485.01	3492.51	3500.01	3507.48	3514.98	
70	DFT-s-OFDM QPSK	1	1	23.01	22.94	22.87	22.77	22.71	24.50
Channel				632000	632668	633334	634000	634666	Tune-up limit
Frequency (MHz)				3480	3490.02	3500.01	3510	3519.99	
60	DFT-s-OFDM QPSK	1	1	23.07	22.97	22.87	22.72	22.75	24.50
Channel				631668	632000	633334	634000	634666	Tune-up limit
Frequency (MHz)				3475.02	3487.5	3500.01	3510	3525	
50	DFT-s-OFDM QPSK	1	1	23.24	23.18	23.02	22.93	22.90	24.50
Channel				631334	632000	633334	634000	634666	Tune-up limit
Frequency (MHz)				3470.01	3485.01	3500.01	3514.98	3529.98	
40	DFT-s-OFDM QPSK	1	1	22.97	22.80	22.66	22.60	22.42	24.50
Channel				630668	632000	633334	634000	634666	Tune-up limit
Frequency (MHz)				3460.02	3480	3500.01	3519.99	3540	
20	DFT-s-OFDM QPSK	1	1	23.26	23.03	22.89	22.68	22.57	24.50
Channel				630500	631916	633334	634750	636166	Tune-up limit
Frequency (MHz)				3457.5	3478.74	3500.01	3521.25	3542.49	
15	DFT-s-OFDM QPSK	1	1	23.32	23.07	22.96	22.69	22.70	24.50
Channel				630334	631834	633334	634834	636332	Tune-up limit
Frequency (MHz)				3455.01	3477.51	3500.01	3522.51	3544.98	
10	DFT-s-OFDM QPSK	1	1	23.17	23.10	22.99	22.69	22.82	24.50

n77(3700-3980MHz) (PC2)_SCS 15KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	High Channel	High/Middle Channel	High Channel	Tune-up
Channel				648334	652168	656000	659832	663666	limit
Frequency (MHz)				3725.01	3782.52	3840	3894.99	3954.99	(dBm)
50	DFT-s-OFDM PI/2 BPSK	1	1	23.16	23.32	23.22	23.40	23.15	24.50
50		1	135	23.70	23.36	23.64	23.56	23.45	
50		1	268	23.37	23.32	23.40	23.22	23.40	
50		135	1	23.52	23.35	23.42	23.62	23.39	24.50
50		135	67	23.73	23.38	23.70	23.61	23.49	
50		135	135	23.59	23.37	23.52	23.40	23.46	
50	DFT-s-OFDM QPSK	270	0	23.69	23.38	23.68	23.61	23.50	24.50
50		1	1	23.18	23.31	23.76	23.40	23.17	
50		1	135	23.74	23.37	23.68	23.58	23.47	
50		1	268	23.42	23.29	23.36	23.20	23.36	24.50
50		135	1	23.54	23.35	23.65	23.52	23.41	
50		135	67	23.21	23.36	23.55	23.35	23.55	
50	DFT-s-OFDM 16QAM	135	135	23.60	23.43	23.55	23.40	23.48	24.50
50		270	0	23.70	23.39	23.70	23.62	23.49	
50		1	1	22.04	22.15	22.09	22.51	22.25	23.50
50	DFT-s-OFDM 64QAM	1	1	20.67	20.76	20.66	20.83	20.51	21.50
50	DFT-s-OFDM 256QAM	1	1	18.71	18.93	18.81	18.74	18.50	19.50
50	CP-OFDM QPSK	1	1	22.62	22.78	22.71	22.87	22.62	23.50
50	CP-OFDM 16QAM	1	1	21.08	21.13	21.29	21.56	21.32	22.50
50	CP-OFDM 64QAM	1	1	19.90	20.14	20.11	20.08	19.83	21.00
50	CP-OFDM 256QAM	1	1	16.79	16.91	16.85	16.75	16.48	18.00
Channel				648000	652000	656000	660000	664000	Tune-up
Frequency (MHz)				3720	3780	3840	3900	3960	limit
40	DFT-s-OFDM QPSK	1	1	22.79	22.88	22.87	23.13	22.90	24.50
Channel				647334	651668	656000	660332	664666	Tune-up
Frequency (MHz)				3710.01	3775.02	3840	3904.98	3969.99	limit
20	DFT-s-OFDM QPSK	1	1	23.06	23.14	23.30	23.26	23.46	24.50
Channel				647168	651584	656000	660416	664832	Tune-up
Frequency (MHz)				3707.52	3773.76	3840	3906.24	3972.48	limit
15	DFT-s-OFDM QPSK	1	1	23.08	23.13	23.32	23.19	23.54	24.50
Channel				647000	651500	656000	660500	665000	Tune-up
Frequency (MHz)				3705	3772.5	3840	3907.5	3975	limit
10	DFT-s-OFDM QPSK	1	1	23.13	23.18	23.43	23.22	23.64	24.50

n77(3700-3980MHz) (PC2)_SCS 30KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up
Channel				650000	653000	656000	659000	662000	limit
Frequency (MHz)				3750	3795	3840	3885	3930	(dBm)
100	DFT-s-OFDM PI/2 BPSK	1	1	22.46	22.59	22.58	22.82	22.22	24.50
100		1	136	23.46	23.44	23.66	23.48	22.94	
100		1	271	22.73	22.87	22.77	22.71	22.63	
100		135	1	23.45	23.19	23.24	23.29	23.36	24.50
100		135	67	23.43	23.48	23.66	23.62	23.49	
100		135	136	23.15	23.26	23.21	23.29	23.59	
100	DFT-s-OFDM QPSK	270	0	23.25	23.34	23.51	23.54	23.42	24.50
100		1	1	23.52	23.47	23.79	23.64	23.59	
100		1	136	22.44	22.67	22.62	22.34	22.26	
100		1	271	22.73	22.91	22.81	22.25	22.67	24.50
100		135	1	23.45	23.49	23.73	23.65	23.52	
100		135	67	23.26	23.23	23.36	23.24	23.22	
100		135	136	23.17	23.26	23.16	23.33	23.64	24.50
100		270	0	23.29	23.36	23.57	23.57	23.47	
100	DFT-s-OFDM 16QAM	1	1	21.45	21.71	21.71	21.36	21.28	22.50
100	DFT-s-OFDM 64QAM	1	1	19.95	20.01	20.11	20.26	20.08	21.00
100	DFT-s-OFDM 256QAM	1	1	18.35	18.55	18.35	17.91	17.81	19.50
100	CP-OFDM QPSK	1	1	21.88	22.08	22.13	21.78	21.68	23.00
100	CP-OFDM 16QAM	1	1	20.45	20.63	20.49	20.40	20.27	21.50
100	CP-OFDM 64QAM	1	1	19.23	19.46	19.49	19.22	19.13	20.00
100	CP-OFDM 256QAM	1	1	16.30	16.51	16.26	15.88	15.78	17.50
Channel				649666	652834	656000	659166	662332	Tune-up
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3934.98	limit
90	DFT-s-OFDM QPSK	1	1	23.36	23.24	23.37	23.68	23.36	24.50
Channel				649334	652668	656000	659332	662666	Tune-up
Frequency (MHz)				3740.01	3790.02	3840	3889.98	3939.99	limit
80	DFT-s-OFDM QPSK	1	1	23.35	23.55	23.15	23.28	23.58	24.50
Channel				649000	652500	656000	659500	663000	Tune-up
Frequency (MHz)				3735	3787.5	3840	3892.5	3945	limit
70	DFT-s-OFDM QPSK	1	1	22.90	23.06	23.10	23.02	23.39	24.50
Channel				648668	652334	656000	659666	663332	Tune-up
Frequency (MHz)				3730.02	3785.01	3840	3894.99	3949.98	limit
60	DFT-s-OFDM QPSK	1	1	23.19	23.04	23.07	22.99	22.91	24.50
Channel				648334	652168	656000	659832	663666	Tune-up
Frequency (MHz)				3725.01	3782.52	3840	3894.99	3954.99	limit
50	DFT-s-OFDM QPSK	1	1	23.15	23.24	23.27	23.27	23.20	24.50
Channel				648000	652000	656000	660000	664000	Tune-up
Frequency (MHz)				3720	3780	3840	3900	3960	limit
40	DFT-s-OFDM QPSK	1	1	22.85	22.96	23.01	23.03	23.07	24.50
Channel				647334	651668	656000	660332	664666	Tune-up
Frequency (MHz)				3710.01	3775.02	3840	3904.98	3969.99	limit
20	DFT-s-OFDM QPSK	1	1	23.11	23.18	23.34	23.29	23.48	24.50
Channel				647168	651584	656000	660416	664832	Tune-up
Frequency (MHz)				3707.52	3773.76	3840	3906.24	3972.48	limit
15	DFT-s-OFDM QPSK	1	1	23.17	23.24	23.43	23.30	23.65	24.50
Channel				647000	651500	656000	660500	665000	Tune-up
Frequency (MHz)				3705	3772.5	3840	3907.5	3975	limit
10	DFT-s-OFDM QPSK	1	1	23.23	23.31	23.54	23.36	23.57	24.50

n78(3450-3550MHz) (PC2)_SCS 15KHz										
BW [MHz]	Modulation		RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up
Channel					631668	632500	633334	634166	635000	limit
Frequency (MHz)					3475.02	3487.5	3500.01	3512.49	3525	(dBm)
50	DFT-s-OFDM PI/2 BPSK		1	1	23.31	23.18	23.04	22.94	22.89	24.00
50			1	135	23.19	23.15	23.10	22.89	22.78	
50			1	268	22.97	22.86	22.65	22.74	22.99	
50			135	1	23.26	23.12	23.06	23.01	22.83	24.00
50			135	67	23.28	23.17	23.15	22.97	22.85	
50			135	135	23.18	23.15	22.93	22.80	22.88	
50	DFT-s-OFDM QPSK		270	0	23.15	23.13	23.08	22.87	22.79	24.00
50			1	1	23.33	23.21	23.40	23.19	23.33	
50			1	135	23.23	23.18	23.14	23.05	22.82	
50			1	268	23.04	22.84	22.73	22.83	23.02	24.00
50			135	1	23.31	23.15	23.05	23.00	22.86	
50			135	67	23.27	23.20	23.16	22.97	22.81	
50			135	135	23.18	23.20	22.98	22.83	22.89	24.00
50			270	0	23.17	23.14	23.06	22.88	22.84	
50	DFT-s-OFDM 16QAM		1	1	22.25	22.16	22.01	21.86	21.87	23.00
50	DFT-s-OFDM 64QAM		1	1	20.77	20.75	20.45	20.40	20.38	21.50
50	DFT-s-OFDM 256QAM		1	1	19.14	19.03	18.76	18.63	18.78	20.00
50	CP-OFDM QPSK		1	1	22.73	22.45	22.49	22.50	22.36	23.00
50	CP-OFDM 16QAM		1	1	21.50	20.96	21.24	21.12	21.12	22.00
50	CP-OFDM 64QAM		1	1	20.03	19.88	19.70	19.60	19.63	21.00
50	CP-OFDM 256QAM		1	1	16.93	16.81	16.64	16.55	16.53	18.00
Channel					631334	636672	633334	634334	635332	Tune-up
Frequency (MHz)					3470.01	3485.01	3500.01	3515.01	3529.98	limit
40	DFT-s-OFDM QPSK		1	1	23.02	22.41	22.71	22.65	22.54	24.00
Channel					630668	632000	633334	634668	636000	Tune-up
Frequency (MHz)					3460.02	3480	3500.01	3520.02	3540	limit
20	DFT-s-OFDM QPSK		1	1	23.54	23.32	23.06	22.90	22.73	24.00
Channel					630500	631916	633334	634750	636166	Tune-up
Frequency (MHz)					3457.5	3478.74	3500.01	3521.25	3542.49	limit
15	DFT-s-OFDM QPSK		1	1	23.50	23.31	23.13	22.80	22.87	24.00
Channel					630334	631834	633334	634834	636332	Tune-up
Frequency (MHz)					3455.01	3477.51	3500.01	3522.51	3544.98	limit
10	DFT-s-OFDM QPSK		1	1	23.31	23.35	23.23	22.72	22.93	24.00

n78(3450-3550MHz) (PC2)_SCS 30KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Low Channel	Low/High Channel	High Channel	Tune-up limit (dBm)
Channel						633334			
Frequency (MHz)						3500.01			
100	DFT-s-OFDM PI/2 BPSK	1	1			22.69			24.50
100		1	136			23.15			
100		1	271			22.49			
100		135	1			23.12			24.00
100		135	67			22.96			
100		135	136			22.69			
100		270	0			22.95			
100	DFT-s-OFDM QPSK	1	1			23.54			24.50
100		1	136			23.15			
100		1	271			23.06			
100		135	1			23.17			24.00
100		135	67			23.03			
100		135	136			22.77			
100		270	0			23.01			
100	DFT-s-OFDM 16QAM	1	1			21.86			23.00
100	DFT-s-OFDM 64QAM	1	1			20.18			21.00
100	DFT-s-OFDM 256QAM	1	1			18.51			19.50
100	CP-OFDM QPSK	1	1			22.19			23.00
100	CP-OFDM 16QAM	1	1			20.81			21.50
100	CP-OFDM 64QAM	1	1			19.61			20.50
100	CP-OFDM 256QAM	1	1			16.37			17.50
Channel				633000	633166	633334	633500	633666	Tune-up limit
Frequency (MHz)				3495	3497.49	3500.01	3502.5	3504.99	
90	DFT-s-OFDM QPSK	1	1	22.88	22.83	22.74	22.75	22.65	24.50
Channel				632668	633000	633334	633666	634000	Tune-up limit
Frequency (MHz)				3490.02	3450	3500.01	3504.99	3510	
80	DFT-s-OFDM QPSK	1	1	23.08	22.95	22.93	22.84	22.80	24.50
Channel				632334	632634	633334	633832	634332	Tune-up limit
Frequency (MHz)				3485.01	3492.51	3500.01	3507.48	3514.98	
70	DFT-s-OFDM QPSK	1	1	23.21	23.13	23.00	22.94	22.85	24.50
Channel				632000	632666	633334	634000	634666	Tune-up limit
Frequency (MHz)				3480	3489.99	3500.01	3510	3519.99	
60	DFT-s-OFDM QPSK	1	1	23.06	23.01	22.89	22.77	22.79	24.50
Channel				631668	632500	633334	634166	635000	Tune-up limit
Frequency (MHz)				3475.02	3487.5	3500.01	3512.49	3525	
50	DFT-s-OFDM QPSK	1	1	23.33	23.15	23.01	22.99	22.89	24.50
Channel				631334	636672	633334	634334	635332	Tune-up limit
Frequency (MHz)				3470.01	3485.01	3500.01	3515.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	23.12	22.38	22.79	22.70	22.50	24.50
Channel				630668	632000	633334	634668	636000	Tune-up limit
Frequency (MHz)				3460.02	3480	3500.01	3520.02	3540	
20	DFT-s-OFDM QPSK	1	1	23.44	23.25	23.06	22.90	22.73	24.50
Channel				630500	631916	633334	634750	636166	Tune-up limit
Frequency (MHz)				3457.5	3478.74	3500.01	3521.25	3542.49	
15	DFT-s-OFDM QPSK	1	1	23.53	23.36	23.20	22.82	22.83	24.50
Channel				630334	631834	633334	634834	636332	Tune-up limit
Frequency (MHz)				3455.01	3477.51	3500.01	3522.51	3544.98	
10	DFT-s-OFDM QPSK	1	1	23.30	23.29	23.12	22.85	23.00	24.50

n78(3700-3800MHz) (PC2)_SCS 15KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	High Channel	High/Middle Channel	High Channel	Tune-up
Channel				648334	649166	650000	650834	651666	limit
Frequency (MHz)				3725.01	3737.49	3750	3762.51	3774.99	(dBm)
50	DFT-s-OFDM PI/2 BPSK	1	1	23.06	23.30	23.44	23.33	23.22	24.50
50		1	135	23.62	23.54	23.38	23.35	23.28	
50		1	268	23.25	23.21	23.13	23.17	23.27	
50		135	1	23.42	23.62	23.50	23.43	23.32	24.50
50		135	67	23.68	23.58	23.45	23.36	23.33	
50		135	135	23.49	23.37	23.30	23.27	23.29	
50	DFT-s-OFDM QPSK	270	0	23.63	23.49	23.39	23.36	23.29	24.50
50		1	1	23.59	23.50	23.72	23.61	23.63	
50		1	135	23.15	23.58	23.43	23.34	23.31	
50		1	268	23.30	23.22	23.20	23.19	23.30	24.50
50		135	1	23.54	23.62	23.70	23.59	23.52	
50		135	67	23.37	23.60	23.51	23.41	23.38	
50	DFT-s-OFDM 16QAM	135	135	23.58	23.40	23.33	23.30	23.31	24.50
50		270	0	23.62	23.51	23.44	23.40	23.30	
50		1	1	22.17	22.56	22.85	22.62	22.49	23.50
50	DFT-s-OFDM 64QAM	1	1	20.44	20.64	20.90	20.69	20.59	22.50
50	DFT-s-OFDM 256QAM	1	1	18.78	18.95	19.17	19.01	18.90	19.50
50	CP-OFDM QPSK	1	1	22.45	22.63	22.77	22.64	23.19	25.00
50	CP-OFDM 16QAM	1	1	21.33	21.18	21.32	21.25	21.11	24.00
50	CP-OFDM 64QAM	1	1	19.59	20.05	20.17	20.12	19.98	23.00
50	CP-OFDM 256QAM	1	1	16.66	16.89	17.12	16.98	16.86	19.00
Channel				648000	649000	650000	651000	652000	Tune-up
Frequency (MHz)				3720	3735	3750	3765	3780	limit
40	DFT-s-OFDM QPSK	1	1	22.81	23.04	23.15	22.97	22.83	24.50
Channel				647334	648666	650000	651334	652666	Tune-up
Frequency (MHz)				3710.01	3729.99	3750	3770.01	3789.99	limit
20	DFT-s-OFDM QPSK	1	1	23.22	23.57	23.44	23.32	23.22	24.50
Channel				647168	648584	650000	651416	652832	Tune-up
Frequency (MHz)				3707.52	3728.76	3750	3771.24	3792.48	limit
15	DFT-s-OFDM QPSK	1	1	23.24	23.55	23.39	23.32	23.22	24.50
Channel				647000	648500	650000	651500	653000	Tune-up
Frequency (MHz)				3705	3727.5	3750	3772.5	3795	limit
10	DFT-s-OFDM QPSK	1	1	23.22	23.68	23.42	23.29	23.28	24.50

n78(3700-3800MHz) (PC2)_SCS 30KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	High Channel	High/Middle Channel	High Channel	Tune-up limit (dBm)
Channel						650000			
Frequency (MHz)						3750			
100	DFT-s-OFDM PI/2 BPSK	1	1			22.50			24.50
100		1	136			23.50			
100		1	271			22.75			
100		135	1			23.50			24.50
100		135	67			23.50			
100		135	136			23.20			
100	DFT-s-OFDM QPSK	270	0			23.32			24.50
100		1	1			23.73			
100		1	136			23.48			
100		1	271			22.75			24.50
100		135	1			23.59			
100		135	67			23.52			
100	DFT-s-OFDM 16QAM	135	136			23.24			24.50
100		270	0			23.33			
100		1	1			21.61			23.50
100	DFT-s-OFDM 64QAM	1	1			19.84			22.50
100	DFT-s-OFDM 256QAM	1	1			18.26			19.50
100	CP-OFDM QPSK	1	1			22.04			25.00
100	CP-OFDM 16QAM	1	1			20.54			24.00
100	CP-OFDM 64QAM	1	1			19.45			23.00
100	CP-OFDM 256QAM	1	1			16.16			19.00
Channel				649668	649834	650000	650166	650332	Tune-up limit
Frequency (MHz)				3745.02	3747.51	3750	3752.49	3754.98	
90	DFT-s-OFDM QPSK	1	1	22.63	22.65	22.68	22.73	22.78	24.50
Channel				649334	649666	650000	650334	650666	Tune-up limit
Frequency (MHz)				3740.01	3744.99	3750	3755.01	3759.99	
80	DFT-s-OFDM QPSK	1	1	22.91	22.94	23.01	23.10	23.16	24.50
Channel				649000	649500	650000	650500	651000	Tune-up limit
Frequency (MHz)				3735	3742.5	3750	3757.5	3765	
70	DFT-s-OFDM QPSK	1	1	23.01	23.18	23.25	23.35	23.39	24.50
Channel				648668	649334	650000	650666	651332	Tune-up limit
Frequency (MHz)				3730.02	3740.01	3750	3759.99	3769.98	
60	DFT-s-OFDM QPSK	1	1	22.86	23.02	23.15	23.19	23.18	24.50
Channel				648334	649166	650000	650834	651666	Tune-up limit
Frequency (MHz)				3725.01	3737.49	3750	3762.51	3774.99	
50	DFT-s-OFDM QPSK	1	1	23.05	23.29	23.42	23.31	23.19	24.50
Channel				648000	649000	650000	651000	652000	Tune-up limit
Frequency (MHz)				3720	3735	3750	3765	3780	
40	DFT-s-OFDM QPSK	1	1	22.80	23.08	23.17	22.99	22.96	24.50
Channel				647334	648666	650000	651334	652666	Tune-up limit
Frequency (MHz)				3710.01	3729.99	3750	3770.01	3789.99	
20	DFT-s-OFDM QPSK	1	1	23.20	23.65	23.43	23.29	23.21	24.50
Channel				647168	648584	650000	651416	652832	Tune-up limit
Frequency (MHz)				3707.52	3728.76	3750	3771.24	3792.48	
15	DFT-s-OFDM QPSK	1	1	23.32	23.63	23.48	23.36	23.32	24.50
Channel				647000	648500	650000	651500	653000	Tune-up limit
Frequency (MHz)				3705	3727.5	3750	3772.5	3795	
10	DFT-s-OFDM QPSK	1	1	23.31	23.52	23.50	23.42	23.41	24.50



Reduced Power

Band 41 (2496~2690MHz) (dBm)											
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Low Channel	Middle Channel	Middle High Channel	High Channel	Tune-up limit (dBm)		
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	20.53	20.50	20.57	20.49	20.48	21.5		
20	QPSK	1	49	20.38	20.36	20.50	20.31	20.48			
20	QPSK	1	99	20.41	20.51	20.54	20.37	20.38			
20	QPSK	50	0	19.60	19.59	19.61	19.54	19.55			
20	QPSK	50	24	19.41	19.39	19.61	19.40	19.46	20.5		
20	QPSK	50	50	19.54	19.34	19.57	19.39	19.53			
20	QPSK	100	0	19.46	19.48	19.54	19.58	19.35			
20	16QAM	1	0	19.52	19.50	19.69	19.70	19.65			
20	16QAM	1	49	19.63	19.49	19.54	19.76	19.51	20.5		
20	16QAM	1	99	19.48	19.47	19.59	19.60	19.67			
20	16QAM	50	0	18.53	18.47	18.67	18.60	18.63			
20	16QAM	50	24	18.38	18.39	18.55	18.62	18.58			
20	16QAM	50	50	18.52	18.36	18.59	18.49	18.50	19.5		
20	16QAM	100	0	18.58	18.41	18.41	18.44	18.43			
20	64QAM	1	0	18.63	18.54	18.71	18.56	18.63			
20	64QAM	1	49	18.57	18.49	18.56	18.38	18.58			
20	64QAM	1	99	18.42	18.55	18.39	18.46	18.49	19.5		
20	64QAM	50	0	17.42	17.49	17.68	17.57	17.56			
20	64QAM	50	24	17.34	17.50	17.54	17.45	17.56			
20	64QAM	50	50	17.55	17.47	17.45	17.45	17.51			
20	64QAM	100	0	17.34	17.31	17.44	17.32	17.33	18.5		
20	256QAM	1	0	15.32	15.44	15.54	15.30	15.37			
20	256QAM	1	49	15.28	15.38	15.44	15.44	15.33			
20	256QAM	1	99	15.36	15.49	15.32	15.27	15.26			
20	256QAM	50	0	14.26	14.33	14.61	14.39	14.36	16.5		
20	256QAM	50	24	14.37	14.29	14.39	14.52	14.44			
20	256QAM	50	50	14.36	14.51	14.48	14.25	14.27			
20	256QAM	100	0	14.35	14.40	14.48	14.36	14.26			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)		
Frequency (MHz)				2503.5	2548.3	2593	2637.5	2682.5			
15	QPSK	1	0	20.41	20.38	20.45	20.37	20.36	21.5		
15	QPSK	1	37	20.26	20.24	20.38	20.19	20.36			
15	QPSK	1	74	20.28	20.28	20.42	20.25	20.36			
15	QPSK	36	0	19.48	19.47	19.49	19.42	19.43			
15	QPSK	36	20	19.29	19.27	19.49	19.28	19.34	20.5		
15	QPSK	36	39	19.42	19.22	19.45	19.27	19.41			
15	QPSK	75	0	19.34	19.36	19.42	19.46	19.23			
15	16QAM	1	0	19.40	19.38	19.57	19.58	19.53			
15	16QAM	1	37	19.51	19.37	19.42	19.64	19.39	20.5		
15	16QAM	1	74	19.36	19.35	19.47	19.48	19.55			
15	16QAM	36	0	18.41	18.35	18.55	18.48	18.51			
15	16QAM	36	20	18.26	18.27	18.43	18.50	18.46			
15	16QAM	36	39	18.40	18.24	18.47	18.37	18.38	19.5		
15	16QAM	75	0	18.46	18.29	18.29	18.32	18.31			
15	64QAM	1	0	18.51	18.42	18.59	18.44	18.51			
15	64QAM	1	37	18.45	18.37	18.44	18.26	18.46			
15	64QAM	1	74	18.30	18.43	18.27	18.34	18.37	19.5		
15	64QAM	36	0	17.30	17.37	17.56	17.45	17.44			
15	64QAM	36	20	17.22	17.38	17.42	17.33	17.44			
15	64QAM	36	39	17.43	17.35	17.33	17.33	17.39			
15	64QAM	75	0	17.22	17.19	17.32	17.20	17.21	18.5		
15	256QAM	1	0	15.20	15.32	15.42	15.18	15.25			
15	256QAM	1	37	15.16	15.26	15.32	15.32	15.21			
15	256QAM	1	74	15.24	15.37	15.20	15.15	15.14			
15	256QAM	36	0	14.14	14.21	14.49	14.27	14.24	16.5		
15	256QAM	36	20	14.25	14.17	14.27	14.40	14.32			
15	256QAM	36	39	14.24	14.39	14.36	14.13	14.15			
15	256QAM	75	0	14.23	14.28	14.36	14.24	14.14			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)		
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	20.33	20.30	20.37	20.29	20.28	21.5		
10	QPSK	1	25	20.18	20.16	20.30	20.11	20.28			
10	QPSK	1	49	20.21	20.31	20.34	20.17	20.18			
10	QPSK	25	0	19.40	19.39	19.41	19.34	19.35			
10	QPSK	25	12	19.21	19.19	19.41	19.20	19.26	20.5		
10	QPSK	25	25	19.34	19.14	19.37	19.19	19.33			
10	QPSK	50	0	19.26	19.28	19.34	19.38	19.15			
10	16QAM	1	0	19.32	19.30	19.49	19.50	19.45			
10	16QAM	1	25	19.43	19.29	19.34	19.56	19.31	20.5		
10	16QAM	1	49	19.28	19.27	19.39	19.40	19.47			
10	16QAM	25	0	18.33	18.27	18.47	18.40	18.43			
10	16QAM	25	12	18.18	18.19	18.35	18.42	18.38			
10	16QAM	25	25	18.32	18.16	18.39	18.29	18.30	19.5		
10	16QAM	50	0	18.38	18.21	18.21	18.24	18.23			
10	64QAM	1	0	18.43	18.34	18.51	18.36	18.43			
10	64QAM	1	25	18.37	18.29	18.36	18.18	18.38			
10	64QAM	1	49	18.22	18.35	18.19	18.26	18.29	18.5		
10	64QAM	25	0	17.22	17.29	17.48	17.37	17.36			
10	64QAM	25	12	17.14	17.30	17.34	17.25	17.36			
10	64QAM	25	25	17.35	17.27	17.25	17.25	17.31			
10	64QAM	50	0	17.14	17.11	17.24	17.12	17.13	16.5		
10	256QAM	1	0	15.12	15.24	15.34	15.10	15.17			
10	256QAM	1	25	15.08	15.18	15.24	15.24	15.13			
10	256QAM	1	49	15.16	15.29	15.12	15.07	15.06			
10	256QAM	25	0	14.06	14.13	14.41	14.19	14.16	15.5		
10	256QAM	25	12	14.17	14.09	14.19	14.32	14.24			
10	256QAM	25	25	14.16	14.31	14.28	14.05	14.07			
10	256QAM	50	0	14.15	14.20	14.28	14.16	14.06			
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)		
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5			
5	QPSK	1	0	20.26	20.23	20.30	20.22	20.21	21.5		
5	QPSK	1	12	20.11	20.09	20.23	20.04	20.21			
5	QPSK	1	24	20.14	20.24	20.27	20.10	20.11			
5	QPSK	12	0	19.33	19.32	19.34	19.27	19.28			
5	QPSK	12	7	19.14	19.12	19.34	19.13	19.19	20.5		
5	QPSK	12	13	19.27	19.07	19.30	19.12	19.25			
5	QPSK	25	0	19.19	19.21	19.27	19.31	19.08			
5	16QAM	1	0	19.25	19.23	19.42	19.43	19.38			
5	16QAM	1	12	19.36	19.22	19.27	19.49	19.24	20.5		
5	16QAM	1	24	19.21	19.20	19.32	19.33	19.40			
5	16QAM	12	0	18.26	18.20	18.40	18.33	18.36			
5	16QAM	12	7	18.11	18.12	18.28	18.35	18.31			
5	16QAM	12	13	18.25	18.09	18.32	18.22	18.23	19.5		
5	16QAM	25	0	18.31	18.14	18.14	18.17	18.16			
5	64QAM	1	0	18.36	18.27	18.44	18.29	18.36			
5	64QAM	1	12	18.30	18.22	18.29	18.11	18.31			
5	64QAM	1	24	18.15	18.28	18.12	18.19	18.22	18.5		
5	64QAM	12	0	17.15	17.22	17.41	17.30	17.29			
5	64QAM	12	7	17.07	17.23	17.27	17.18	17.29			
5	64QAM	12	13	17.28	17.20	17.18	17.18	17.24			
5	64QAM	25	0	17.07	17.04	17.17	17.05	17.06	16.5		
5	256QAM	1	0	15.05	15.17	15.27	15.03	15.10			
5	256QAM	1	12	15.01	15.11	15.17	15.17	15.06			
5	256QAM	1	24	15.09	15.22	15.05	15.00	14.99	15.5		
5	256QAM	12	0	13.99	14.06	14.34	14.12	14.09			
5	256QAM	12	7	14.10	14.02	14.12	14.25	14.14			
5	256QAM	12	13	14.08	14.13	14.21	14.08	14.00	15.5		
5	256QAM	25	0	14.08	14.13	14.21	14.09	13.99			

n41 (PC2)_SCS 15KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				504201	511404	518601	525798	532998	16.50
Frequency (MHz)				2521.01	2557.02	2593.01	2626.5	2664.99	
50	DFT-s-OFDM PI/2 BPSK	1	1	15.10	14.99	15.04	15.08	15.06	16.50
50		1	135	15.11	15.13	15.17	15.19	15.10	
50		1	268	15.03	15.15	15.04	15.01	15.14	
50		135	1	15.03	15.10	15.27	15.13	14.93	16.50
50		135	67	15.13	15.15	15.27	15.21	15.10	
50		135	135	15.16	15.07	15.07	15.29	15.06	
50		270	0	15.13	15.11	15.27	15.24	14.96	
50	DFT-s-OFDM QPSK	1	1	15.24	15.33	15.42	15.39	15.40	16.50
50		1	135	15.16	15.18	15.24	15.25	15.18	
50		1	268	15.07	15.22	15.07	15.06	15.20	
50		135	1	15.26	15.19	15.30	15.21	15.24	16.50
50		135	67	15.19	15.17	15.25	15.25	15.12	
50		135	135	15.17	15.09	15.13	15.29	15.10	
50		270	0	15.16	15.12	15.10	15.26	14.96	
50	DFT-s-OFDM 16QAM	1	1	14.15	14.06	13.72	14.07	14.07	15.00
50	DFT-s-OFDM 64QAM	1	1	12.49	12.40	12.65	12.75	12.60	13.50
50	DFT-s-OFDM 256QAM	1	1	10.66	10.65	10.35	10.45	10.77	11.50
50	CP-OFDM QPSK	1	1	14.56	14.42	14.63	14.44	14.51	15.50
50	CP-OFDM 16QAM	1	1	13.07	12.89	13.00	13.02	13.01	14.00
50	CP-OFDM 64QAM	1	1	11.58	11.68	11.68	11.36	11.67	12.50
50	CP-OFDM 256QAM	1	1	8.83	8.48	8.62	8.79	8.75	9.50
Channel				503202	510900	518601	526296	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2554.5	2593.01	2631.48	2670	
40	DFT-s-OFDM QPSK	1	1	14.82	14.67	14.78	14.76	14.72	16.50
Channel				502200	510402	518601	526800	534999	Tune-up limit (dBm)
Frequency (MHz)				2511	2552.01	2593.01	2634	2674.99	
30	DFT-s-OFDM QPSK	1	1	14.94	14.81	14.96	14.90	14.79	16.50
Channel				501201	509904	518601	527298	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.01	2549.52	2593.01	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	15.28	15.11	15.25	15.19	15.31	16.50
Channel				500700	509652	518601	527550	536499	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.26	2593.01	2637.75	2682.49	
15	DFT-s-OFDM QPSK	1	1	15.34	15.04	15.19	15.38	15.14	16.50
Channel				500202	509400	518601	527796	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2547	2593.01	2638.98	2685	
10	DFT-s-OFDM QPSK	1	1	15.31	15.13	15.29	15.23	15.12	16.50

n41 (PC2)_SCS 30KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				509202	513900	518598	523296	528000	17.00
Frequency (MHz)				2546.01	2569.5	2592.99	2616.48	2640	
100	DFT-s-OFDM PI/2 BPSK	1	1	15.55	15.61	15.65	15.66	15.68	17.00
100		1	136	15.69	15.77	15.87	15.90	15.72	
100		1	271	15.69	15.83	15.79	15.74	15.73	
100		135	1	15.67	15.76	16.03	15.86	15.73	17.00
100		135	67	15.76	15.84	16.03	16.03	15.86	
100		135	136	15.77	15.78	15.89	16.10	15.81	
100		270	0	15.73	15.78	16.05	15.98	15.71	
100	DFT-s-OFDM QPSK	1	1	16.24	16.22	16.38	16.19	16.36	17.00
100		1	136	15.74	15.79	15.94	16.05	16.01	
100		1	271	15.70	15.91	15.80	15.91	15.97	
100		135	1	16.01	15.93	16.09	15.92	15.95	17.00
100		135	67	15.78	15.86	16.04	16.08	15.90	
100		135	136	15.82	15.80	15.94	15.93	15.85	
100		270	0	15.73	15.78	16.07	16.04	15.75	
100	DFT-s-OFDM 16QAM	1	1	14.57	14.69	14.87	14.85	14.89	15.50
100	DFT-s-OFDM 64QAM	1	1	13.18	13.12	13.25	13.33	13.31	14.00
100	DFT-s-OFDM 256QAM	1	1	11.16	10.98	11.19	11.27	11.22	12.00
100	CP-OFDM QPSK	1	1	15.01	15.02	15.17	15.12	15.16	16.00
100	CP-OFDM 16QAM	1	1	13.67	13.59	13.79	13.83	13.82	14.50
100	CP-OFDM 64QAM	1	1	12.08	11.98	12.17	12.25	12.24	13.00
100	CP-OFDM 256QAM	1	1	9.30	9.19	9.41	9.51	9.51	10.50
Channel				508200	513402	518598	523800	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	15.75	15.43	15.50	15.61	15.51	17.00
Channel				507204	512904	518598	524298	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	15.91	15.61	15.72	15.81	15.71	17.00
Channel				505200	511902	518598	525798	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	15.88	15.77	15.80	15.83	15.88	17.00
Channel				504204	511404	518598	525798	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2557.02	2592.99	2626.5	2664.99	
50	DFT-s-OFDM QPSK	1	1	16.24	16.22	16.38	16.19	16.36	17.00
Channel				504204	511404	518598	525798	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2557.02	2592.99	2626.5	2664.99	
40	DFT-s-OFDM QPSK	1	1	16.12	16.27	16.33	16.20	16.30	0.00
Channel				504204	511404	518598	525798	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2557.02	2592.99	2626.5	2664.99	
30	DFT-s-OFDM QPSK	1	1	16.01	16.23	16.24	16.17	16.11	0.00
Channel				504204	511404	518598	525798	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2557.02	2592.99	2626.5	2664.99	
20	DFT-s-OFDM QPSK	1	1	16.17	16.02	16.28	16.09	16.26	0.00
Channel				504204	511404	518598	525798	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2557.02	2592.99	2626.5	2664.99	
20	DFT-s-OFDM QPSK	1	1	16.14	16.33	16.05	16.24	16.21	0.00

n48 (PC3)_SCS 15KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				638334	640000	641666	643332	645000	16.00
Frequency (MHz)				3575.01	3600	3624.99	3647.49	3675	
50	DFT-s-OFDM PI/2 BPSK	1	1	14.44	14.50	14.88	14.69	14.51	16.00
50		1	135	14.63	14.98	14.85	14.72	14.52	
50		1	268	14.92	14.70	14.66	14.48	14.29	
50		135	1	14.60	14.73	14.77	14.82	14.54	16.00
50		135	67	14.64	15.00	14.79	14.78	14.53	
50		135	135	14.71	14.82	14.84	14.61	14.36	
50		270	0	14.58	14.94	14.73	14.70	14.47	
50	DFT-s-OFDM QPSK	1	1	14.42	14.49	15.02	14.70	14.58	16.00
50		1	135	14.64	14.99	14.81	14.74	14.62	
50		1	268	14.91	14.68	14.68	14.47	14.28	
50		135	1	14.82	14.74	14.88	14.84	14.81	16.00
50		135	67	14.64	14.84	14.80	14.80	14.60	
50		135	135	14.71	14.80	14.88	14.63	14.39	
50		270	0	14.63	14.83	14.73	14.72	14.47	
50	DFT-s-OFDM 16QAM	1	1	13.82	13.87	14.25	14.06	14.14	15.00
50	DFT-s-OFDM 64QAM	1	1	12.06	12.12	12.46	12.31	12.34	13.00
50	DFT-s-OFDM 256QAM	1	1	9.84	9.89	10.19	10.10	10.13	11.00
50	CP-OFDM QPSK	1	1	13.95	14.01	14.36	14.19	14.23	15.00
50	CP-OFDM 16QAM	1	1	12.38	12.40	12.76	12.59	12.57	13.50
50	CP-OFDM 64QAM	1	1	11.02	11.04	11.41	11.04	10.95	12.00
50	CP-OFDM 256QAM	1	1	7.75	7.78	8.22	8.22	8.19	9.00
Channel				638000	639834	641666	643500	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3597.51	3624.99	3652.5	3679.98	
40	DFT-s-OFDM QPSK	1	1	14.24	14.19	14.55	14.42	14.17	16.00
Channel				637334	639500	641666	643832	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3592.5	3624.99	3657.48	3690	
20	DFT-s-OFDM QPSK	1	1	14.57	14.69	14.65	14.77	14.51	16.00
Channel				637168	639418	641666	643916	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3591.27	3624.99	3658.74	3692.49	
15	DFT-s-OFDM QPSK	1	1	14.56	14.67	14.60	14.69	14.42	16.00
Channel				637000	639334	641666	644000	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3590.01	3624.99	3660	3694.98	
10	DFT-s-OFDM QPSK	1	1	14.56	14.77	14.63	14.71	14.44	16.00

n48 (PC3)_SCS 30KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				640000	640834	641666	642500	643332	16.50
Frequency (MHz)				3600	3612.51	3624.99	3637.5	3649.98	
100	DFT-s-OFDM PI/2 BPSK	1	1	14.68	14.72	14.72	14.79	14.94	16.50
100		1	136	15.57	15.22	15.17	15.29	15.29	
100		1	271	14.57	14.46	14.46	14.41	14.36	
100		135	1	15.19	15.30	15.47	15.05	15.01	16.50
100		135	67	15.59	15.40	15.19	15.32	15.32	
100		135	136	15.00	15.10	15.14	15.06	15.02	
100		270	0	15.50	15.30	15.04	15.14	15.16	
100	DFT-s-OFDM QPSK	1	1	15.44	15.54	15.61	15.39	15.57	16.50
100		1	136	15.56	15.21	15.21	15.31	15.34	
100		1	271	15.33	15.44	15.13	15.21	15.30	
100		135	1	15.39	15.45	15.53	15.47	15.35	16.50
100		135	67	15.33	15.45	15.24	15.35	15.36	
100		135	136	15.02	15.13	15.18	15.10	15.04	
100		270	0	15.50	15.29	15.07	15.19	15.18	
100	DFT-s-OFDM 16QAM	1	1	14.26	14.29	14.09	14.37	14.50	9.50
100	DFT-s-OFDM 64QAM	1	1	12.17	12.22	12.16	12.30	12.47	13.50
100	DFT-s-OFDM 256QAM	1	1	9.96	10.04	10.17	10.12	10.28	11.50
100	CP-OFDM QPSK	1	1	14.08	14.14	14.22	14.21	14.38	15.50
100	CP-OFDM 16QAM	1	1	12.64	12.70	12.72	12.79	12.94	13.50
100	CP-OFDM 64QAM	1	1	11.06	11.10	11.08	11.17	11.33	12.50
100	CP-OFDM 256QAM	1	1	8.02	8.12	8.20	8.18	8.37	9.00
Channel				639668	640668	641666	642666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3610.02	3624.99	3639.99	3654.99	
90	DFT-s-OFDM QPSK	1	1	14.76	14.80	14.74	14.97	14.55	16.50
Channel				639334	640500	641666	642832	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3607.5	3624.99	3642.48	3660	
80	DFT-s-OFDM QPSK	1	1	14.92	14.96	14.96	14.83	14.59	16.50
Channel				638668	640168	641666	643332	644866	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3602.52	3624.99	3647.49	3669.99	
60	DFT-s-OFDM QPSK	1	1	14.87	14.89	15.12	14.88	15.01	16.50
Channel				638334	640000	641666	643332	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3600	3624.99	3647.49	3675	
50	DFT-s-OFDM QPSK	1	1	15.08	15.06	15.33	15.12	14.99	16.50
Channel				638000	639834	641666	643500	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3597.51	3624.99	3652.5	3679.98	
40	DFT-s-OFDM QPSK	1	1	14.81	14.82	15.04	14.80	14.75	16.50
Channel				637334	639500	641666	643832	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3592.5	3624.99	3657.48	3690	
20	DFT-s-OFDM QPSK	1	1	15.22	15.23	15.10	15.24	15.04	16.50
Channel				637168	639418	641666	643916	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3591.27	3624.99	3658.74	3692.49	
15	DFT-s-OFDM QPSK	1	1	15.25	15.33	15.10	15.25	15.03	16.50
Channel				637000	639334	641666	644000	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3590.01	3624.99	3660	3694.98	
10	DFT-s-OFDM QPSK	1	1	15.27	15.35	15.16	15.30	15.07	16.50

n77(3450-3550MHz) (PC2)_SCS 15KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				631668	632500	633334	634166	635000	15.50
Frequency (MHz)				3475.02	3487.5	3500.01	3510	3525	
50	DFT-s-OFDM PI/2 BPSK	1	1	14.24	14.16	13.98	13.89	13.86	15.50
50		1	135	14.08	14.06	14.02	13.84	13.77	
50		1	268	13.91	13.76	13.60	13.71	13.98	
50		135	1	14.21	14.06	13.97	13.94	13.79	15.00
50		135	67	14.20	14.12	14.06	13.90	13.80	
50		135	135	14.07	14.06	13.88	13.77	13.85	
50		270	0	14.12	14.05	14.02	13.86	13.77	
50	DFT-s-OFDM QPSK	1	1	14.48	14.50	14.54	14.44	14.40	15.50
50		1	135	14.21	14.14	14.11	13.93	13.73	
50		1	268	13.98	13.82	13.69	13.82	13.94	
50		135	1	14.05	14.10	14.22	14.18	14.10	15.00
50		135	67	14.18	14.14	14.07	13.93	13.82	
50		135	135	14.13	14.07	13.91	13.82	13.89	
50		270	0	14.15	14.07	14.03	13.91	13.82	
50	DFT-s-OFDM 16QAM	1	1	13.38	13.36	13.19	13.09	13.06	14.00
50	DFT-s-OFDM 64QAM	1	1	11.65	11.70	11.54	11.45	11.41	12.50
50	DFT-s-OFDM 256QAM	1	1	9.68	9.56	9.47	9.38	9.35	10.50
50	CP-OFDM QPSK	1	1	13.44	13.44	13.42	13.32	13.55	14.50
50	CP-OFDM 16QAM	1	1	12.30	12.08	11.92	11.74	11.82	13.00
50	CP-OFDM 64QAM	1	1	10.65	10.63	10.51	10.41	10.37	11.50
50	CP-OFDM 256QAM	1	1	7.87	7.78	7.61	7.49	7.45	8.50
Channel				631334	632334	633334	634332	635332	15.50
Frequency (MHz)				3470.01	3485.01	3500.01	3514.98	3529.98	
40	DFT-s-OFDM QPSK	1	1	13.96	13.85	13.70	13.65	13.42	15.50
Channel				630668	632000	633334	634666	636000	15.50
Frequency (MHz)				3460.02	3480	3500.01	3519.99	3540	
20	DFT-s-OFDM QPSK	1	1	14.47	14.25	14.09	13.91	13.80	15.50
Channel				630500	631916	633334	634750	636166	15.50
Frequency (MHz)				3457.5	3478.74	3500.01	3521.25	3542.49	
15	DFT-s-OFDM QPSK	1	1	14.48	14.16	14.06	13.83	13.74	15.50
Channel				630334	631834	633334	634834	636332	15.50
Frequency (MHz)				3455.01	3477.51	3500.01	3522.51	3544.98	
10	DFT-s-OFDM QPSK	1	1	14.30	14.15	14.13	13.73	13.91	15.50

n77(3450-3550MHz) (PC2)_SCS 30KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel						633334			15.50
Frequency (MHz)						3500.01			
100	DFT-s-OFDM PI/2 BPSK	1	1			14.66			14.50
100		1	136			14.07			
100		1	271			13.48			
100		135	1			13.95			
100		135	67			14.14			15.50
100		135	136			13.74			
100		270	0			14.01			
100	DFT-s-OFDM QPSK	1	1			14.88			14.50
100		1	136			14.51			
100		1	271			13.70			
100		135	1			14.11			
100		135	67			13.99			15.50
100		135	136			13.83			
100		270	0			14.07			
100	DFT-s-OFDM 16QAM	1	1			12.73			13.50
100	DFT-s-OFDM 64QAM	1	1			11.22			12.00
100	DFT-s-OFDM 256QAM	1	1			9.23			10.00
100	CP-OFDM QPSK	1	1			13.19			14.00
100	CP-OFDM 16QAM	1	1			11.64			12.50
100	CP-OFDM 64QAM	1	1			10.05			11.00
100	CP-OFDM 256QAM	1	1			7.56			8.50
Channel				633000	633168	633334	633500	633666	15.50
Frequency (MHz)				3495	3497.52	3500.01	3502.5	3504.99	
90	DFT-s-OFDM QPSK	1	1	14.55	14.50	14.47	14.51	14.39	15.50
Channel				632668	633000	633334	633666	634000	15.50
Frequency (MHz)				3490.02	3495	3500.01	3504.99	3510	
80	DFT-s-OFDM QPSK	1	1	14.61	14.69	14.65	14.60	14.53	15.50
Channel				632334	632834	633334	633832	634332	15.50
Frequency (MHz)				3485.01	3492.51	3500.01	3507.48	3514.98	
70	DFT-s-OFDM QPSK	1	1	14.59	14.52	14.39	14.35	14.34	15.50
Channel				632000	632668	633334	634000	634666	15.50
Frequency (MHz)				3480	3490.02	3500.01	3510	3519.99	
60	DFT-s-OFDM QPSK	1	1	14.67	14.48	14.45	14.24	14.33	15.50
Channel				631668	632500	633334	634166	635000	15.50
Frequency (MHz)				3475.02	3487.5	3500.01	3510	3525	
50	DFT-s-OFDM QPSK	1	1	14.59	14.62	14.44	14.36	14.33	15.50
Channel				631334	632334	633334	634332	635332	15.50
Frequency (MHz)				3470.01	3485.01	3500.01	3514.98	3529.98	
40	DFT-s-OFDM QPSK	1	1	14.45	14.17	14.13	14.04	13.86	15.50
Channel				630668	632000	633334	634666	636000	15.50
Frequency (MHz)				3460.02	3480	3500.01	3519.99	3540	
20	DFT-s-OFDM QPSK	1	1	14.51	14.40	14.28	14.04	13.83	15.50
Channel				630500	631916	633334	634750	636166	15.50
Frequency (MHz)				3457.5	3478.74	3500.01	3521.25	3542.49	
15	DFT-s-OFDM QPSK	1	1	14.64	14.45	14.34	14.08	14.06	15.50
Channel				630334	631834	633334	634834	636332	15.50
Frequency (MHz)				3455.01	3477.51	3500.01	3522.51	3544.98	
10	DFT-s-OFDM QPSK	1	1	14.37	14.49	14.46	14.07	14.17	15.50

n77(3700-3980MHz) (PC2)_SCS 15KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				648334	652168	656000	659832	663666	15.00
Frequency (MHz)				3725.01	3782.52	3840	3894.99	3954.99	
50	DFT-s-OFDM PI/2 BPSK	1	1	13.11	13.26	13.26	13.32	13.24	15.00
50		1	135	13.65	13.35	13.64	13.53	13.60	
50		1	268	13.35	13.38	13.31	13.26	13.66	
50		135	1	13.49	13.35	13.49	13.56	13.53	14.50
50		135	67	13.68	13.39	13.74	13.56	13.72	
50		135	135	13.53	13.42	13.48	13.41	13.71	
50		270	0	13.64	13.36	13.68	13.58	13.69	
50	DFT-s-OFDM QPSK	1	1	13.66	13.82	13.94	13.87	13.80	15.00
50		1	135	13.63	13.44	13.68	13.56	13.69	
50		1	268	13.50	13.45	13.68	13.59	13.67	
50		135	1	13.61	13.63	13.74	13.74	13.70	14.50
50		135	67	13.53	13.42	13.68	13.60	13.69	
50		135	135	13.57	13.43	13.66	13.55	13.71	
50		270	0	13.68	13.37	13.69	13.59	13.71	
50	DFT-s-OFDM 16QAM	1	1	12.33	12.44	13.66	13.59	13.71	14.00
50	DFT-s-OFDM 64QAM	1	1	10.61	10.78	13.69	13.60	13.71	13.00
50	DFT-s-OFDM 256QAM	1	1	8.59	8.70	13.70	13.59	13.70	9.50
50	CP-OFDM QPSK	1	1	12.60	13.28	13.69	13.40	13.59	14.50
50	CP-OFDM 16QAM	1	1	11.28	11.33	11.39	11.26	11.29	12.00
50	CP-OFDM 64QAM	1	1	9.55	9.47	9.43	9.50	9.41	10.50
50	CP-OFDM 256QAM	1	1	6.66	9.47	9.43	9.50	9.41	10.50
Channel				648000	652000	656000	660000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3780	3840	3900	3960	
40	DFT-s-OFDM QPSK	1	1	12.91	12.96	13.00	13.16	13.22	15.00
Channel				647334	651668	656000	660332	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3775.02	3840	3904.98	3969.99	
20	DFT-s-OFDM QPSK	1	1	13.29	13.41	13.56	13.55	13.73	15.00
Channel				647168	651584	656000	660416	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3773.76	3840	3906.24	3972.48	
15	DFT-s-OFDM QPSK	1	1	13.38	13.33	13.56	13.45	13.78	15.00
Channel				647000	651500	656000	660500	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3772.5	3840	3907.5	3975	
10	DFT-s-OFDM QPSK	1	1	13.31	13.40	13.66	13.54	13.92	15.00

n77(3700-3980MHz) (PC2)_SCS 30KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				650000	653000	656000	659000	662000	15.00
Frequency (MHz)				3750	3795	3840	3885	3930	
100	DFT-s-OFDM PI/2 BPSK	1	1	12.55	12.72	12.66	12.90	12.86	15.00
100		1	136	13.54	13.51	13.67	13.62	13.48	
100		1	271	12.81	12.99	12.89	12.81	13.22	
100		135	1	13.54	13.27	13.33	13.42	13.52	14.50
100		135	67	13.54	13.51	13.76	13.75	13.62	
100		135	136	13.23	13.28	13.33	13.40	13.71	
100		270	0	13.35	13.39	13.62	13.65	13.57	
100	DFT-s-OFDM QPSK	1	1	14.06	14.17	14.33	14.09	14.12	15.00
100		1	136	13.48	13.46	13.73	13.63	13.48	
100		1	271	12.91	13.05	13.10	12.99	12.96	
100		135	1	13.74	13.75	13.82	13.78	13.80	14.50
100		135	67	13.56	13.58	13.63	13.79	13.70	
100		135	136	13.26	13.36	13.41	13.47	13.78	
100		270	0	13.38	13.46	13.68	13.71	13.65	
100	DFT-s-OFDM 16QAM	1	1	11.62	11.83	11.82	11.92	11.41	12.50
100	DFT-s-OFDM 64QAM	1	1	9.95	10.17	10.14	10.43	9.87	11.50
100	DFT-s-OFDM 256QAM	1	1	8.01	8.21	8.19	8.45	7.89	9.50
100	CP-OFDM QPSK	1	1	12.02	12.13	12.19	12.40	11.98	13.50
100	CP-OFDM 16QAM	1	1	10.47	10.66	10.64	10.79	10.32	11.50
100	CP-OFDM 64QAM	1	1	8.84	9.01	9.01	9.23	8.67	10.00
100	CP-OFDM 256QAM	1	1	6.34	6.50	6.42	6.74	6.19	7.50
Channel				649666	652834	656000	659166	662332	Tune-up limit (dBm)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3934.98	
90	DFT-s-OFDM QPSK	1	1	13.71	13.83	13.85	14.00	13.96	15.00
Channel				649334	652668	656000	659332	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3790.02	3840	3889.98	3939.99	
80	DFT-s-OFDM QPSK	1	1	13.78	13.96	14.14	14.03	13.93	15.00
Channel				649000	652500	656000	659500	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3787.5	3840	3892.5	3945	
70	DFT-s-OFDM QPSK	1	1	13.77	13.71	13.86	13.80	13.91	15.00
Channel				648668	652334	656000	659666	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3785.01	3840	3894.99	3949.98	
60	DFT-s-OFDM QPSK	1	1	13.44	13.56	13.58	13.76	13.53	15.00
Channel				648334	652168	656000	659832	663866	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3782.52	3840	3894.99	3954.99	
50	DFT-s-OFDM QPSK	1	1	13.52	13.67	13.70	13.77	13.70	15.00
Channel				648000	652000	656000	660000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3780	3840	3900	3960	
40	DFT-s-OFDM QPSK	1	1	13.39	13.51	13.52	13.71	13.69	15.00
Channel				647334	651668	656000	660332	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3775.02	3840	3904.98	3969.99	
20	DFT-s-OFDM QPSK	1	1	13.46	13.52	13.71	13.63	13.91	15.00
Channel				647168	651584	656000	660416	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3773.76	3840	3906.24	3972.48	
15	DFT-s-OFDM QPSK	1	1	13.61	13.51	13.83	13.76	14.02	15.00
Channel				647000	651500	656000	660500	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3772.5	3840	3907.5	3975	
10	DFT-s-OFDM QPSK	1	1	13.64	13.60	14.01	13.79	13.90	15.00

n78(3450-3550MHz) (PC2)_SCS 15KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				631668	632500	633334	634166	635000	15.50
Frequency (MHz)				3475.02	3487.5	3500.01	3512.49	3525	
50	DFT-s-OFDM PI/2 BPSK	1	1	14.24	14.14	14.00	13.88	13.79	15.50
50		1	135	14.09	14.05	13.99	13.75	13.57	
50		1	268	13.86	13.69	13.49	13.52	13.75	
50		135	1	14.20	14.07	13.98	13.87	13.66	15.00
50		135	67	14.18	14.07	14.05	13.79	13.61	
50		135	135	14.09	14.04	13.83	13.62	13.61	
50		270	0	14.06	14.02	13.95	13.70	13.58	
50	DFT-s-OFDM QPSK	1	1	14.39	14.43	14.51	14.42	14.50	15.50
50		1	135	14.26	14.17	14.03	13.71	13.82	
50		1	268	13.95	13.78	13.53	13.62	13.97	
50		135	1	14.18	14.10	14.24	14.21	14.09	15.00
50		135	67	14.21	14.10	14.04	13.82	13.65	
50		135	135	14.08	14.05	13.81	13.65	13.71	
50		270	0	14.11	14.04	13.96	13.74	13.60	
50	DFT-s-OFDM 16QAM	1	1	13.33	13.14	13.16	12.94	12.91	14.50
50	DFT-s-OFDM 64QAM	1	1	11.74	11.54	11.41	11.32	11.83	12.50
50	DFT-s-OFDM 256QAM	1	1	9.78	9.64	9.59	9.33	9.89	10.50
50	CP-OFDM QPSK	1	1	13.74	13.61	13.49	13.29	13.72	14.50
50	CP-OFDM 16QAM	1	1	12.18	12.00	11.92	11.88	12.58	13.00
50	CP-OFDM 64QAM	1	1	10.59	10.47	10.35	10.23	11.00	11.50
50	CP-OFDM 256QAM	1	1	7.93	7.80	7.67	7.60	7.69	8.50
Channel				631334	636672	633334	634334	635332	15.50
Frequency (MHz)				3470.01	3485.01	3500.01	3515.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	14.45	13.51	14.01	13.93	13.74	15.50
Channel				630668	632000	633334	634668	636000	15.50
Frequency (MHz)				3460.02	3480	3500.01	3520.02	3540	
20	DFT-s-OFDM QPSK	1	1	14.46	14.27	14.12	13.77	13.56	15.50
Channel				630500	631916	633334	634750	636166	15.50
Frequency (MHz)				3457.5	3478.74	3500.01	3521.25	3542.49	
15	DFT-s-OFDM QPSK	1	1	14.47	14.41	13.96	13.76	13.60	15.50
Channel				630334	631834	633334	634834	636332	15.50
Frequency (MHz)				3455.01	3477.51	3500.01	3522.51	3544.98	
10	DFT-s-OFDM QPSK	1	1	14.43	14.31	13.99	13.58	13.93	15.50

n78(3450-3550MHz) (PC2)_SCS 30KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel						633334			15.5
Frequency (MHz)						3500.01			
100	DFT-s-OFDM PI/2 BPSK	1	1			13.63			15.5
100		1	136			14.08			
100		1	271			13.14			
100		135	1			13.96			
100		135	67			14.08			15.5
100		135	136			13.52			
100		270	0			13.89			
100	DFT-s-OFDM QPSK	1	1			14.74			15.5
100		1	136			13.69			
100		1	271			13.39			
100		135	1			14.06			
100		135	67			13.92			15
100		135	136			13.52			
100		270	0			13.89			
100	DFT-s-OFDM 16QAM	1	1			12.80			13.5
100	DFT-s-OFDM 64QAM	1	1			11.02			12
100	DFT-s-OFDM 256QAM	1	1			9.15			10
100	CP-OFDM QPSK	1	1			13.14			14
100	CP-OFDM 16QAM	1	1			11.63			12.5
100	CP-OFDM 64QAM	1	1			10.06			11
100	CP-OFDM 256QAM	1	1			7.54			8.5
Channel				633000	633166	633334	633500	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3497.49	3500.01	3502.5	3504.99	
90	DFT-s-OFDM QPSK	1	1	14.03	13.92	14.51	13.92	13.90	15.5
Channel				632668	633000	633334	633666	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3450	3500.01	3504.99	3510	
80	DFT-s-OFDM QPSK	1	1	14.69	14.06	14.28	14.00	14.17	15.5
Channel				632334	632834	633334	633832	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3492.51	3500.01	3507.48	3514.98	
70	DFT-s-OFDM QPSK	1	1	14.12	14.31	14.55	14.47	14.68	15.5
Channel				632000	632666	633334	634000	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3489.99	3500.01	3510	3519.99	
60	DFT-s-OFDM QPSK	1	1	14.16	14.13	14.02	13.89	13.80	15.5
Channel				631668	632500	633334	634166	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3487.5	3500.01	3512.49	3525	
50	DFT-s-OFDM QPSK	1	1	14.37	14.30	14.16	14.07	13.99	15.5
Channel				631334	636672	633334	634334	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3485.01	3500.01	3515.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	14.18	13.24	13.92	13.62	13.36	15.5
Channel				630668	632000	633334	634668	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3480	3500.01	3520.02	3540	
20	DFT-s-OFDM QPSK	1	1	14.56	14.30	14.22	13.91	13.63	15.5
Channel				630500	631916	633334	634750	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3478.74	3500.01	3521.25	3542.49	
15	DFT-s-OFDM QPSK	1	1	14.63	14.47	14.32	13.69	13.77	15.5
Channel				630334	631834	633334	634834	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3477.51	3500.01	3522.51	3544.98	
10	DFT-s-OFDM QPSK	1	1	14.65	14.46	14.27	13.64	13.84	15.5

n78(3700-3800MHz) (PC2)_SCS 15KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				648334	649166	650000	650834	651666	15.50
Frequency (MHz)				3725.01	3737.49	3750	3762.51	3774.99	
50	DFT-s-OFDM PI/2 BPSK	1	1	13.93	14.17	14.33	14.21	14.13	15.50
50		1	135	14.48	14.41	14.28	14.23	14.16	
50		1	268	14.13	14.11	14.05	14.13	14.21	
50		135	1	14.30	14.47	14.36	14.27	14.21	15.00
50		135	67	14.51	14.44	14.36	14.27	14.27	
50		135	135	14.36	14.29	14.22	14.20	14.22	
50		270	0	14.46	14.39	14.29	14.28	14.23	
50	DFT-s-OFDM QPSK	1	1	14.74	14.83	14.94	14.77	14.82	15.50
50		1	135	14.50	14.62	14.51	14.56	14.41	
50		1	268	14.15	14.36	14.08	14.42	14.41	
50		135	1	14.43	14.50	14.62	14.58	14.51	15.00
50		135	67	14.52	14.47	14.40	14.28	14.30	
50		135	135	14.39	14.33	14.22	14.20	14.25	
50		270	0	14.49	14.43	14.28	14.27	14.24	
50	DFT-s-OFDM 16QAM	1	1	12.93	13.20	13.10	13.16	12.89	14.50
50	DFT-s-OFDM 64QAM	1	1	11.54	11.78	11.96	11.84	11.77	13.00
50	DFT-s-OFDM 256QAM	1	1	9.55	9.76	9.91	9.82	9.71	10.50
50	CP-OFDM QPSK	1	1	13.62	13.46	13.83	13.81	13.39	14.50
50	CP-OFDM 16QAM	1	1	12.03	12.05	12.43	12.33	12.22	13.50
50	CP-OFDM 64QAM	1	1	10.44	10.77	10.84	10.71	10.65	11.50
50	CP-OFDM 256QAM	1	1	7.76	7.94	8.08	8.03	7.92	9.00
Channel				648000	649000	650000	651000	652000	15.50
Frequency (MHz)				3720	3735	3750	3765	3780	
40	DFT-s-OFDM QPSK	1	1	14.51	14.70	14.86	14.64	14.60	15.50
Channel				647334	648666	650000	651334	652666	15.50
Frequency (MHz)				3710.01	3729.99	3750	3770.01	3789.99	
20	DFT-s-OFDM QPSK	1	1	14.37	14.48	14.62	14.54	14.37	15.50
Channel				647168	648584	650000	651416	652832	15.50
Frequency (MHz)				3707.52	3728.76	3750	3771.24	3792.48	
15	DFT-s-OFDM QPSK	1	1	14.64	14.75	14.61	14.50	14.62	15.50
Channel				647000	648500	650000	651500	653000	15.50
Frequency (MHz)				3705	3727.5	3750	3772.5	3795	
10	DFT-s-OFDM QPSK	1	1	14.46	14.65	14.46	14.55	14.37	15.50

n78(3700-3800MHz) (PC2)_SCS 30KHz									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel						650000			
Frequency (MHz)						3750			
100	DFT-s-OFDM PI/2 BPSK	1	1			14.83			15.50
100		1	136			14.46			
100		1	271			13.86			
100		135	1			14.34			15.50
100		135	67			14.40			
100		135	136			14.25			
100		270	0			14.28			
100	DFT-s-OFDM QPSK	1	1			15.03			15.50
100		1	136			14.71			
100		1	271			14.10			
100		135	1			14.49			15.50
100		135	67			14.35			
100		135	136			14.29			
100		270	0			14.34			
100	DFT-s-OFDM 16QAM	1	1			12.51			13.00
100	DFT-s-OFDM 64QAM	1	1			10.86			11.00
100	DFT-s-OFDM 256QAM	1	1			8.96			9.50
100	CP-OFDM QPSK	1	1			12.88			13.00
100	CP-OFDM 16QAM	1	1			11.48			12.00
100	CP-OFDM 64QAM	1	1			9.85			10.00
100	CP-OFDM 256QAM	1	1			7.30			7.50
Channel				649668	649834	650000	650166	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3747.51	3750	3752.49	3754.98	
90	DFT-s-OFDM QPSK	1	1	14.33	14.25	14.32	14.12	14.86	15.50
Channel				649334	649666	650000	650334	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3744.99	3750	3755.01	3759.99	
80	DFT-s-OFDM QPSK	1	1	14.28	14.37	14.89	14.65	14.34	15.50
Channel				649000	649500	650000	650500	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3742.5	3750	3757.5	3765	
70	DFT-s-OFDM QPSK	1	1	14.10	14.63	14.71	14.80	14.42	15.50
Channel				648668	649334	650000	650666	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3740.01	3750	3759.99	3769.98	
60	DFT-s-OFDM QPSK	1	1	14.84	14.78	14.46	14.50	14.47	15.50
Channel				648334	649166	650000	650834	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3737.49	3750	3762.51	3774.99	
50	DFT-s-OFDM QPSK	1	1	14.66	14.44	14.97	14.40	14.42	15.50
Channel				648000	649000	650000	651000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3735	3750	3765	3780	
40	DFT-s-OFDM QPSK	1	1	14.64	14.45	14.69	14.85	14.53	15.50
Channel				647668	648834	650000	651166	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3732.51	3750	3767.49	3784.98	
30	DFT-s-OFDM QPSK	1	1	14.71	14.53	14.75	14.80	14.61	15.50
Channel				647334	648666	650000	651334	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3729.99	3750	3770.01	3789.99	
20	DFT-s-OFDM QPSK	1	1	14.37	14.67	14.72	14.56	14.56	15.50