



REPORT No.: SZ26040187S01

Annex E Conducted Power

Note:

Conducted power unit: dBm.

The target power was recorded in the manufacture document.

Full Power

n25 (PC3)								
BW [MHz]	Modulation		RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel					374000	376500	379000	
Frequency (MHz)					1870	1882.5	1895	
40	DFT-s-OFDM PI/2 BPSK	1	1	23.11	22.97	23.09	24	
40		1	108	23.14	23.09	23.08		
40		1	214	23.11	22.97	22.92		
40		108	1	22.67	22.74	22.77	24	
40		108	54	23.18	23.12	23.18		
40		108	108	22.71	22.69	22.66		
40		216	0	22.72	22.61	22.74	23.5	
40	DFT-s-OFDM QPSK	1	1	23.28	23.17	23.24	24	
40		1	108	23.24	23.14	23.22		
40		1	214	23.13	22.97	23.10		
40		108	1	22.13	22.25	22.32	23	
40		108	54	23.19	23.13	23.18	24	
40		108	108	22.20	22.18	22.20	23	
40		216	0	22.22	22.18	22.21	23	
40	DFT-s-OFDM 16QAM	1	1	22.28	22.18	22.28	23	
40	DFT-s-OFDM 64QAM	1	1	20.78	20.70	20.83	22	
40	DFT-s-OFDM 256QAM	1	1	18.55	18.39	18.55	19.5	
40	CP-OFDM QPSK	1	1	21.80	21.32	21.74	22.5	
40	CP-OFDM 16QAM	1	1	21.22	21.14	21.20	22	
40	CP-OFDM 64QAM	1	1	19.87	19.69	19.83	20.5	
40	CP-OFDM 256QAM	1	1	16.58	16.44	16.52	17.5	
Channel					373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)					1865	1882.5	1900	
30	DFT-s-OFDM QPSK	1	1	23.21	23.16	23.18	24	
Channel					372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)					1862.5	1882.5	1902.5	
25	DFT-s-OFDM QPSK	1	1	23.14	23.15	23.02	24	
Channel					372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)					1860	1882.5	1905	
20	DFT-s-OFDM QPSK	1	1	23.09	23.07	22.95	24	
Channel					371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)					1857.5	1882.5	1907.5	
15	DFT-s-OFDM QPSK	1	1	23.19	23.03	22.88	24	
Channel					371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)					1855	1882.5	1910	
10	DFT-s-OFDM QPSK	1	1	23.28	23.12	23.05	24	
Channel					370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)					1852.5	1882.5	1912.5	
5	DFT-s-OFDM QPSK	1	1	23.27	23.17	22.97	24	

n41 (PC3)										
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	
Frequency (MHz)					2546.01	2569.5	2592.99	2616.48	2640	
100	DFT-s-OFDM PI/2 BPSK	1	1	21.90	21.95	22.07	22.07	22.05	23	
100		1	136	22.02	22.03	21.87	21.69	21.69		
100		1	271	21.93	21.75	21.94	22.17	22.18		
100		135	1	22.00	22.08	22.11	21.95	21.95		
100		135	67	22.09	22.17	21.95	21.89	21.90	23	
100		135	136	21.95	21.92	21.92	21.92	21.92		
100		270	0	22.05	21.95	22.01	21.96	21.96		
100		1	1	22.04	22.12	22.20	22.15	22.17		
100	DFT-s-OFDM QPSK	1	136	22.01	22.09	21.93	21.89	21.67	23	
100		1	271	21.89	21.83	21.95	21.96	22.15		
100		135	1	22.01	22.07	22.14	22.10	22.04		
100		135	67	22.06	22.12	21.97	21.94	21.91		
100		135	136	21.96	21.93	21.92	21.87	21.90	23	
100		270	0	22.05	21.98	22.06	21.95	21.96		
100		DFT-s-OFDM 16QAM	1	1	22.09	22.10	22.13	22.14	22.15	23
100		DFT-s-OFDM 64QAM	1	1	21.85	21.88	21.99	21.91	21.98	23
100	DFT-s-OFDM 256QAM	1	1	20.29	20.34	20.38	20.40	20.43	21	
100	CP-OFDM QPSK	1	1	21.96	21.97	22.10	22.09	22.14	23	
100	CP-OFDM 16QAM	1	1	22.02	22.07	22.14	22.08	22.17	23	
100	CP-OFDM 64QAM	1	1	21.50	21.51	21.61	21.59	21.63	22	
100	CP-OFDM 256QAM	1	1	18.36	18.38	18.53	18.49	18.47	19	
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	21.83	21.83	21.84	21.87	21.70	23	
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	21.76	21.85	21.94	21.77	21.67	23	
Channel					506202	512400	518598	524796	531000	Tune-up limit (dBm)
Frequency (MHz)					2531.01	2562	2592.99	2623.98	2655	
70	DFT-s-OFDM QPSK	1	1	21.81	21.91	22.04	21.99	21.56	23	
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	21.84	22.00	22.08	22.08	21.87	23	
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	21.88	21.98	22.10	21.87	21.97	23	
Channel					503202	510900	518598	526296	534000	Tune-up limit (dBm)
Frequency (MHz)					2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM QPSK	1	1	22.06	22.28	22.23	21.94	22.14	23	
Channel					502200	510402	518598	526800	534996	Tune-up limit (dBm)
Frequency (MHz)					2511	2552.01	2592.99	2634	2674.98	
30	DFT-s-OFDM QPSK	1	1	22.00	22.23	22.13	21.85	22.09	23	
Channel					501204	509904	518598	527298	535998	Tune-up limit (dBm)
Frequency (MHz)					2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	21.87	22.09	22.09	21.88	22.18	23	

n41 (PC2)										
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		
Frequency (MHz)				2546.01	2569.5	2592.99	2616.48	2640		
100	DFT-s-OFDM PI/2 BPSK	1	1	24.88	24.71	24.76	25.01	25.03	26	
100		1	136	24.72	24.95	25.05	24.97	24.87		
100		1	271	25.07	25.02	25.01	25.11	25.16		
100		135	1	24.27	24.39	24.58	24.12	24.57	26	
100		135	67	24.83	25.07	25.11	25.14	24.98		
100		135	136	24.40	24.61	24.66	24.52	24.53		
100	DFT-s-OFDM QPSK	270	0	24.41	24.44	24.54	24.57	24.52	26	
100		1	1	25.17	25.05	25.09	25.10	25.07		
100		1	136	24.80	25.06	25.09	25.01	24.99		
100		1	271	25.15	25.10	25.13	25.13	25.11	25	
100		135	1	23.79	23.85	24.04	24.08	24.07		
100		135	67	25.14	25.04	25.05	25.13	24.98		
100		135	136	23.93	24.10	24.16	24.03	24.03	25	
100	270	0	23.92	23.94	24.54	24.10	24.01	25		
100	DFT-s-OFDM 16QAM	1	1	24.03	23.86	23.84	24.11	24.16	25	
100	DFT-s-OFDM 64QAM	1	1	22.28	22.14	22.20	22.45	22.45	23	
100	DFT-s-OFDM 256QAM	1	1	20.21	20.06	20.18	20.30	20.46	21	
100	CP-OFDM QPSK	1	1	23.45	23.27	23.30	23.54	23.57	24	
100	CP-OFDM 16QAM	1	1	22.98	22.88	22.87	23.17	23.23	24	
100	CP-OFDM 64QAM	1	1	21.42	21.30	21.27	21.50	21.58	22	
100	CP-OFDM 256QAM	1	1	18.37	18.21	18.24	18.45	18.50	19	
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	24.81	24.62	24.72	24.91	24.99	26	
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	24.76	24.66	24.76	24.92	25.01	26	
Channel				506202	512400	518598	524796	531000	Tune-up limit (dBm)	
Frequency (MHz)				2531.01	2562	2592.99	2623.98	2655		
70	DFT-s-OFDM QPSK	1	1	24.85	24.67	24.88	25.00	24.90	26	
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	24.88	24.74	24.99	24.28	25.13	26	
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	24.92	24.79	25.06	25.19	25.15	26	
Channel				503202	510900	518598	526296	534000	Tune-up limit (dBm)	
Frequency (MHz)				2516.01	2554.5	2592.99	2631.48	2670		
40	DFT-s-OFDM QPSK	1	1	25.10	25.06	25.27	25.23	25.23	26	
Channel				502200	510402	518598	526800	534996	Tune-up limit (dBm)	
Frequency (MHz)				2511	2552.01	2592.99	2634	2674.98		
30	DFT-s-OFDM QPSK	1	1	25.00	24.95	25.21	25.17	25.07	26	
Channel				501204	509904	518598	527298	535998	Tune-up limit (dBm)	
Frequency (MHz)				2506.02	2549.52	2592.99	2636.49	2679.99		
20	DFT-s-OFDM QPSK	1	1	24.84	24.88	25.19	25.16	25.12	26	

n66 (PC3)

BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	DFT-s-OFDM PI/2 BPSK	1	1	22.51	22.47	22.39	23.5
40		1	108	22.44	22.52	22.40	
40		1	214	22.45	22.57	22.51	
40		108	1	22.65	22.70	22.67	23.5
40		108	54	22.60	22.59	22.59	
40		108	108	22.53	22.61	22.66	
40		216	0	22.67	22.62	22.62	23.5
40	DFT-s-OFDM QPSK	1	1	22.83	22.82	22.89	
40		1	108	22.54	22.58	22.41	
40		1	214	22.54	22.66	22.50	
40		108	1	22.73	22.68	22.70	
40		108	54	22.77	22.81	22.85	
40		108	108	22.57	22.67	22.72	
40		216	0	22.69	22.68	22.70	
40	DFT-s-OFDM 16QAM	1	1	22.73	22.61	22.60	23.5
40	DFT-s-OFDM 64QAM	1	1	21.24	21.13	21.07	21.5
40	DFT-s-OFDM 256QAM	1	1	19.11	18.98	18.95	19.5
40	CP-OFDM QPSK	1	1	22.23	22.08	21.79	22.5
40	CP-OFDM 16QAM	1	1	21.78	21.57	21.55	22.5
40	CP-OFDM 64QAM	1	1	20.26	20.09	20.19	20.5
40	CP-OFDM 256QAM	1	1	17.08	16.96	16.95	17.5
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	22.71	22.60	22.56	23.5
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	22.61	22.55	22.45	23.5
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	22.78	22.59	22.52	23.5
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	22.74	22.64	22.65	23.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	22.79	22.69	22.66	23.5

n71 (PC3)

BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	DFT-s-OFDM PI/2 BPSK	1	1	22.75	22.57	22.55	23.5
20		1	53	22.51	22.53	22.48	
20		1	104	22.48	22.42	22.29	
20		50	1	22.12	22.18	22.06	23.5
20		50	25	22.55	22.61	22.48	
20		50	50	22.15	21.99	21.94	
20		100	0	22.15	22.13	22.02	
20	DFT-s-OFDM QPSK	1	1	22.93	22.87	22.84	24
20		1	53	22.82	22.75	22.70	
20		1	104	22.71	22.63	22.51	
20		50	1	21.72	21.68	21.55	22.5
20		50	25	22.61	22.59	22.54	23.5
20		50	50	21.60	21.51	21.42	22.5
20		100	0	21.64	21.63	21.53	22.5
20	DFT-s-OFDM 16QAM	1	1	21.94	21.72	21.70	22.5
20	DFT-s-OFDM 64QAM	1	1	20.45	20.22	20.23	21.5
20	DFT-s-OFDM 256QAM	1	1	18.00	17.78	17.76	18.5
20	CP-OFDM QPSK	1	1	21.35	21.26	21.22	22.5
20	CP-OFDM 16QAM	1	1	20.91	20.76	20.72	21.5
20	CP-OFDM 64QAM	1	1	19.41	19.30	19.33	20.5
20	CP-OFDM 256QAM	1	1	15.98	15.79	15.80	16.5
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	DFT-s-OFDM QPSK	1	1	22.84	22.63	22.54	23.5
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	DFT-s-OFDM QPSK	1	1	22.92	22.69	22.76	23.5
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	DFT-s-OFDM QPSK	1	1	22.91	22.61	22.71	23.5

n77(3450-3550MHz) (PC3)

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			
Frequency (MHz)						3500.01			
100	DFT-s-OFDM PI/2 BPSK	1	1			23.70			24.5
100		1	136			23.27			
100		1	271			23.03			
100		135	1			23.65			
100	DFT-s-OFDM QPSK	135	67			23.37			24.5
100		135	136			23.10			
100		270	0			23.36			
100		1	1			23.89			
100	DFT-s-OFDM 16QAM	1	136			23.51			24.5
100		1	271			23.26			
100		135	1			23.60			
100		135	67			23.37			
100	DFT-s-OFDM 64QAM	135	136			23.09			24.5
100		270	0			23.47			
100		1	1			23.77			
100		1	1			23.63			
100	CP-OFDM QPSK	1	1			22.14			22.5
100	CP-OFDM 16QAM	1	1			23.77			24.5
100	CP-OFDM 64QAM	1	1			23.80			24.5
100	CP-OFDM 256QAM	1	1			23.29			24.5
100	CP-OFDM 256QAM	1	1			20.19			21.5
Channel				633000	633168	633334	633500	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3497.52	3500.01	3502.5	3504.99	
90	DFT-s-OFDM QPSK	1	1	23.49	23.53	23.58	23.53	23.58	24.5
Channel				632668	633000	633334	633666	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3495	3500.01	3504.99	3510	
80	DFT-s-OFDM QPSK	1	1	23.53	23.48	23.52	23.66	23.59	24.5
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	23.54	23.51	23.59	23.55	23.53	24.5
Channel				632000	632668	633334	634000	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3490.02	3500.01	3510	3519.99	
60	DFT-s-OFDM QPSK	1	1	23.65	23.68	23.62	23.49	23.51	24.5
Channel				631668	632500	633334	634166	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3487.5	3500.01	3510	3525	
50	DFT-s-OFDM QPSK	1	1	23.63	23.64	23.55	23.55	23.46	24.5
Channel				631334	632334	633334	634332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3485.01	3500.01	3514.98	3529.98	
40	DFT-s-OFDM QPSK	1	1	23.92	23.82	23.88	23.94	23.82	24.5
Channel				631000	632168	633334	634500	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3482.52	3500.01	3517.5	3534.99	
30	DFT-s-OFDM QPSK	1	1	23.81	23.78	23.72	23.68	23.65	24.5
Channel				630668	632000	633334	634666	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3480	3500.01	3519.99	3540	
20	DFT-s-OFDM QPSK	1	1	23.68	23.60	23.67	23.54	23.45	24.5

n77(3450-3550MHz) (PC2)

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			
Frequency (MHz)						3500.01			
100	DFT-s-OFDM PI/2 BPSK	1	1			26.68			27.5
100		1	136			26.24			
100		1	271			26.03			
100		135	1			26.14			
100	DFT-s-OFDM QPSK	135	67			26.39			27
100		135	136			25.64			
100		270	0			25.91			
100		1	1			26.75			
100	DFT-s-OFDM 16QAM	1	136			26.37			27.5
100		1	271			26.09			
100		135	1			25.63			
100		135	67			26.56			
100	DFT-s-OFDM 256QAM	135	136			25.09			26.5
100		270	0			25.48			
100		1	1			25.80			
100		1	1			24.18			
100	CP-OFDM QPSK	1	1			22.16			22.5
100	CP-OFDM 16QAM	1	1			25.26			25.5
100	CP-OFDM 64QAM	1	1			24.91			25.5
100	CP-OFDM 256QAM	1	1			23.28			24.5
100		1	1			20.19			20.5
Channel				633000	633168	633334	633500	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3497.52	3500.01	3502.5	3504.99	
90	DFT-s-OFDM QPSK	1	1	26.55	26.56	26.57	26.58	26.59	27.5
Channel				632668	633000	633334	633666	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3495	3500.01	3504.99	3510	
80	DFT-s-OFDM QPSK	1	1	26.53	26.48	26.56	26.64	26.58	27.5
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	26.51	26.57	26.62	26.55	26.59	27.5
Channel				632000	632668	633334	634000	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3490.02	3500.01	3510	3519.99	
60	DFT-s-OFDM QPSK	1	1	26.69	26.66	26.63	26.64	26.59	27.5
Channel				631668	632500	633334	634166	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3487.5	3500.01	3510	3525	
50	DFT-s-OFDM QPSK	1	1	26.65	26.61	26.62	26.59	26.45	27.5
Channel				631334	632334	633334	634332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3485.01	3500.01	3514.98	3529.98	
40	DFT-s-OFDM QPSK	1	1	26.97	26.84	26.81	26.87	26.76	27.5
Channel				631000	632168	633334	634500	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3482.52	3500.01	3517.5	3534.99	
30	DFT-s-OFDM QPSK	1	1	26.83	26.81	26.73	26.73	26.70	27.5
Channel				630668	632000	633334	634666	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3480	3500.01	3519.99	3540	
20	DFT-s-OFDM QPSK	1	1	26.67	26.62	26.67	26.53	26.45	27.5

n77(3700-3980MHz) (PC3)

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	25
Frequency (MHz)					3750	3795	3840	3885	3930	
100	DFT-s-OFDM PI/2 BPSK	1	1	23.39	23.52	23.31	23.32	23.46	25	
100		1	136	23.59	23.77	23.67	23.77	23.67		
100		1	271	23.71	24.12	24.10	23.89	23.80		
100		135	1	23.51	23.65	23.51	23.59	23.68	25	
100		135	67	23.67	23.77	23.72	23.68	23.71		
100		135	136	23.67	23.91	23.89	23.82	23.76		
100	DFT-s-OFDM QPSK	270	0	23.64	23.77	23.67	23.64	23.69	25	
100		1	1	23.47	23.50	23.31	23.32	23.45		
100		1	136	23.70	23.79	23.71	23.75	23.72		
100		1	271	23.78	24.18	24.19	23.89	23.87	24.5	
100		135	1	23.51	23.68	23.52	23.61	23.63		
100		135	67	23.65	23.78	23.69	23.69	23.69		
100		135	136	23.72	23.89	23.90	23.87	23.80	25	
100		270	0	23.62	23.78	23.67	23.65	23.64	24.5	
100		DFT-s-OFDM 16QAM	1	1	23.52	23.62	23.40	23.47	23.62	24.5
100		DFT-s-OFDM 64QAM	1	1	23.32	23.45	23.20	23.26	23.37	24.5
100	DFT-s-OFDM 256QAM	1	1	21.76	21.92	21.72	21.74	21.78	22.5	
100	CP-OFDM QPSK	1	1	23.41	23.49	23.31	23.38	23.48	24.5	
100	CP-OFDM 16QAM	1	1	23.44	23.55	23.36	23.40	23.49	24.5	
100	CP-OFDM 64QAM	1	1	22.97	23.09	22.85	22.92	23.00	23.5	
100	CP-OFDM 256QAM	1	1	19.90	19.98	19.75	19.79	19.89	20.5	
Channel					649666	652834	656000	659166	662332	25
Frequency (MHz)					3744.99	3792.51	3840	3887.49	3934.98	
90	DFT-s-OFDM QPSK	1	1	23.48	23.39	23.40	23.44	23.52	25	
Channel					649334	652668	656000	659332	662666	25
Frequency (MHz)					3740.01	3790.02	3840	3889.98	3939.99	
80	DFT-s-OFDM QPSK	1	1	23.49	23.46	23.42	23.42	23.70	25	
Channel					649000	652500	656000	659500	663000	25
Frequency (MHz)					3735	3787.5	3840	3892.5	3945	
70	DFT-s-OFDM QPSK	1	1	23.51	23.55	23.41	23.52	23.70	25	
Channel					648668	652334	656000	659666	663332	25
Frequency (MHz)					3730.02	3785.01	3840	3894.99	3949.98	
60	DFT-s-OFDM QPSK	1	1	23.50	23.67	23.57	23.64	23.67	25	
Channel					648334	652168	656000	659832	663666	25
Frequency (MHz)					3725.01	3782.52	3840	3894.99	3954.99	
50	DFT-s-OFDM QPSK	1	1	23.57	23.63	23.63	23.68	23.91	25	
Channel					648000	652000	656000	660000	664000	25
Frequency (MHz)					3720	3780	3840	3900	3960	
40	DFT-s-OFDM QPSK	1	1	23.90	24.00	24.02	24.08	24.27	25	
Channel					647668	651834	656000	660166	664332	25
Frequency (MHz)					3715.02	3777.51	3840	3902.49	3964.98	
30	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.93	23.89	24.20	25	
Channel					647334	651668	656000	660332	664666	25
Frequency (MHz)					3710.01	3775.02	3840	3904.98	3969.99	
20	DFT-s-OFDM QPSK	1	1	23.63	23.97	24.10	23.80	24.21	25	

n77(3700-3980MHz) (PC2)

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	28
Frequency (MHz)				3750	3795	3840	3885	3930	
100	DFT-s-OFDM PI/2 BPSK	1	1	26.43	26.52	26.33	26.38	26.46	28
100		1	136	26.60	26.83	26.70	26.81	26.67	
100		1	271	26.72	27.10	27.11	26.90	26.78	
100		135	1	26.01	25.56	26.03	26.12	26.14	28
100		135	67	26.68	25.68	26.75	26.75	26.69	
100		135	136	26.17	26.40	26.36	26.32	26.28	
100	DFT-s-OFDM QPSK	270	0	26.12	26.29	26.20	26.17	26.16	28
100		1	1	26.44	26.54	26.39	26.34	26.52	
100		1	136	26.65	26.83	26.71	26.81	26.75	
100		1	271	27.11	27.10	27.13	26.97	26.92	26.5
100		135	1	25.53	25.66	25.53	25.60	25.63	
100		135	67	26.67	26.77	26.79	26.71	26.69	
100	DFT-s-OFDM 16QAM	1	1	25.45	25.65	25.39	25.38	25.57	26.5
100	DFT-s-OFDM 64QAM	1	1	23.78	23.94	23.68	23.88	23.89	24.5
100	DFT-s-OFDM 256QAM	1	1	21.77	21.86	21.68	21.72	21.84	22.5
100	CP-OFDM QPSK	1	1	24.91	25.07	24.85	24.87	24.90	25.5
100	CP-OFDM 16QAM	1	1	24.57	24.66	24.47	24.54	24.56	25.5
100	CP-OFDM 64QAM	1	1	22.94	23.05	22.85	22.91	23.01	23.5
100	CP-OFDM 256QAM	1	1	19.90	19.95	19.78	19.82	19.91	20.5
Channel				649666	652834	656000	659166	662332	28
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3934.98	
90	DFT-s-OFDM QPSK	1	1	26.47	26.48	26.45	26.48	26.57	28
Channel				649334	652668	656000	659332	662666	28
Frequency (MHz)				3740.01	3790.02	3840	3889.98	3939.99	
80	DFT-s-OFDM QPSK	1	1	26.48	26.49	26.48	26.52	26.70	28
Channel				649000	652500	656000	659500	663000	28
Frequency (MHz)				3735	3787.5	3840	3892.5	3945	
70	DFT-s-OFDM QPSK	1	1	26.53	26.56	26.50	26.56	26.74	28
Channel				648668	652334	656000	659666	663332	28
Frequency (MHz)				3730.02	3785.01	3840	3894.99	3949.98	
60	DFT-s-OFDM QPSK	1	1	26.52	26.69	26.66	26.70	26.74	28
Channel				648334	652168	656000	659832	663666	28
Frequency (MHz)				3725.01	3782.52	3840	3894.99	3954.99	
50	DFT-s-OFDM QPSK	1	1	26.60	26.69	26.73	26.80	26.96	28
Channel				648000	652000	656000	660000	664000	28
Frequency (MHz)				3720	3780	3840	3900	3960	
40	DFT-s-OFDM QPSK	1	1	26.86	27.08	27.04	27.05	27.30	28
Channel				647668	651834	656000	660166	664332	28
Frequency (MHz)				3715.02	3777.51	3840	3902.49	3964.98	
30	DFT-s-OFDM QPSK	1	1	26.79	26.94	26.96	27.00	27.27	28
Channel				647334	651668	656000	660332	664666	28
Frequency (MHz)				3710.01	3775.02	3840	3904.98	3969.99	
20	DFT-s-OFDM QPSK	1	1	26.66	27.02	27.08	26.84	27.24	28

Reduced Power

n25 (PC3)								
BW [MHz]	Modulation		RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel					374000	376500	379000	
Frequency (MHz)					1870	1882.5	1895	
40	DFT-s-OFDM PI/2 BPSK	1	1	14.61	14.47	14.59	15.5	
40		1	108	14.64	14.59	14.58		
40		1	214	14.61	14.47	14.42		
40		108	1	14.17	14.24	14.27	15.5	
40		108	54	14.68	14.62	14.68		
40		108	108	14.21	14.19	14.16		
40	DFT-s-OFDM QPSK	216	0	14.22	14.11	14.24	15	
40		1	1	14.78	14.67	14.74	15.5	
40		1	108	14.74	14.64	14.72		
40		1	214	14.63	14.47	14.60		
40		108	1	13.63	13.75	13.82	14.5	
40		108	54	14.69	14.63	14.68	15.5	
40		108	108	13.70	13.68	13.70	14.5	
40		216	0	13.72	13.68	13.71	14.5	
40	DFT-s-OFDM 16QAM	1	1	13.78	13.68	13.78	14.5	
40	DFT-s-OFDM 64QAM	1	1	12.28	12.20	12.33	13.5	
40	DFT-s-OFDM 256QAM	1	1	10.05	9.89	10.05	11	
40	CP-OFDM QPSK	1	1	13.30	12.82	13.24	14	
40	CP-OFDM 16QAM	1	1	12.72	12.64	12.70	13.5	
40	CP-OFDM 64QAM	1	1	11.37	11.19	11.33	12	
40	CP-OFDM 256QAM	1	1	8.08	7.94	8.02	9	
Channel					373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)					1865	1882.5	1900	
30	DFT-s-OFDM QPSK	1	1	14.71	14.66	14.68	15.5	
Channel					372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)					1862.5	1882.5	1902.5	
25	DFT-s-OFDM QPSK	1	1	14.64	14.65	14.52	15.5	
Channel					372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)					1860	1882.5	1905	
20	DFT-s-OFDM QPSK	1	1	14.59	14.57	14.45	15.5	
Channel					371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)					1857.5	1882.5	1907.5	
15	DFT-s-OFDM QPSK	1	1	14.69	14.53	14.38	15.5	
Channel					371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)					1855	1882.5	1910	
10	DFT-s-OFDM QPSK	1	1	14.78	14.62	14.55	15.5	
Channel					370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)					1852.5	1882.5	1912.5	
5	DFT-s-OFDM QPSK	1	1	14.77	14.67	14.47	15.5	

n41 (PC3)									
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	13
Frequency (MHz)				2546.01	2569.5	2592.99	2616.48	2640	
100	DFT-s-OFDM PI/2 BPSK	1	1	11.90	11.95	12.07	12.07	12.05	13
100		1	136	12.02	12.03	11.87	11.69	11.69	
100		1	271	11.93	11.75	11.94	12.17	12.18	
100		135	1	12.00	12.08	12.11	11.95	11.95	13
100		135	67	12.09	12.17	11.95	11.89	11.90	
100		135	136	11.95	11.92	11.92	11.92	11.92	
100	DFT-s-OFDM QPSK	270	0	12.05	11.95	12.01	11.96	11.96	13
100		1	1	12.04	12.12	12.20	12.15	12.17	
100		1	136	12.01	12.09	11.93	11.89	11.67	
100		1	271	11.89	11.83	11.95	11.96	12.15	13
100		135	1	12.01	12.07	12.14	12.10	12.04	
100		135	67	12.06	12.12	11.97	11.94	11.91	
100	DFT-s-OFDM 16QAM	135	136	11.96	11.93	11.92	11.87	11.90	13
100		270	0	12.05	11.98	12.06	11.95	11.96	
100		1	1	12.09	12.10	12.13	12.14	12.15	
100		1	1	11.85	11.88	11.99	11.91	11.98	13
100		1	1	10.29	10.34	10.38	10.40	10.43	11
100		1	1	11.96	11.97	12.10	12.09	12.14	13
100	CP-OFDM QPSK	1	1	12.02	12.07	12.14	12.08	12.17	13
100		1	1	11.50	11.51	11.61	11.59	11.63	12
100	CP-OFDM 256QAM	1	1	8.36	8.38	8.53	8.49	8.47	9
Channel				508200	513402	518598	523800	528996	13
Frequency (MHz)				2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	11.83	11.83	11.84	11.87	11.70	13
Channel				507204	512904	518598	524298	529998	13
Frequency (MHz)				2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	11.76	11.85	11.94	11.77	11.67	13
Channel				506202	512400	518598	524796	531000	13
Frequency (MHz)				2531.01	2562	2592.99	2623.98	2655	
70	DFT-s-OFDM QPSK	1	1	11.81	11.91	12.04	11.99	11.56	13
Channel				505200	511902	518598	525798	531996	13
Frequency (MHz)				2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	11.84	12.00	12.08	12.08	11.87	13
Channel				504204	511404	518598	525798	532998	13
Frequency (MHz)				2521.02	2557.02	2592.99	2626.5	2664.99	
50	DFT-s-OFDM QPSK	1	1	11.88	11.98	12.10	11.87	11.97	13
Channel				503202	510900	518598	526296	534000	13
Frequency (MHz)				2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM QPSK	1	1	12.06	12.28	12.23	11.94	12.14	13
Channel				502200	510402	518598	526800	534996	13
Frequency (MHz)				2511	2552.01	2592.99	2634	2674.98	
30	DFT-s-OFDM QPSK	1	1	12.00	12.23	12.13	11.85	12.09	13
Channel				501204	509904	518598	527298	535998	13
Frequency (MHz)				2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	11.87	12.09	12.09	11.88	12.18	13

n41 (PC2)

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	13
Frequency (MHz)				2546.01	2569.5	2592.99	2616.48	2640	
100	DFT-s-OFDM PI/2 BPSK	1	1	11.88	11.71	11.76	12.01	12.03	13
100		1	136	11.72	11.95	12.05	11.97	11.87	
100		1	271	12.07	12.02	12.01	12.11	12.16	
100		135	1	11.27	11.39	11.58	11.12	11.57	13
100		135	67	11.83	12.07	12.11	12.14	11.98	
100		135	136	11.40	11.61	11.66	11.52	11.53	
100		270	0	11.41	11.44	11.54	11.57	11.52	
100	DFT-s-OFDM QPSK	1	1	12.17	12.05	12.09	12.10	12.07	13
100		1	136	11.80	12.06	12.09	12.01	11.99	
100		1	271	12.15	12.10	12.13	12.13	12.11	
100		135	1	10.79	10.85	11.04	11.08	11.07	12
100		135	67	12.14	12.04	12.05	12.13	11.98	13
100		135	136	10.93	11.10	11.16	11.03	11.03	12
100		270	0	10.92	10.94	11.54	11.10	11.01	12
100	DFT-s-OFDM 16QAM	1	1	11.03	10.86	10.84	11.11	11.16	12
100	DFT-s-OFDM 64QAM	1	1	9.28	9.14	9.20	9.45	9.45	10
100	DFT-s-OFDM 256QAM	1	1	7.21	7.06	7.18	7.30	7.46	8
100	CP-OFDM QPSK	1	1	10.45	10.27	10.30	10.54	10.57	11
100	CP-OFDM 16QAM	1	1	9.98	9.88	9.87	10.17	10.23	11
100	CP-OFDM 64QAM	1	1	8.42	8.30	8.27	8.50	8.58	9
100	CP-OFDM 256QAM	1	1	5.37	5.21	5.24	5.45	5.50	6
Channel				508200	513402	518598	523800	528996	13
Frequency (MHz)				2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	11.81	11.62	11.72	11.91	11.99	13
Channel				507204	512904	518598	524298	529998	13
Frequency (MHz)				2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	11.76	11.66	11.76	11.92	12.01	13
Channel				506202	512400	518598	524796	531000	13
Frequency (MHz)				2531.01	2562	2592.99	2623.98	2655	
70	DFT-s-OFDM QPSK	1	1	11.85	11.67	11.88	12.00	11.90	13
Channel				505200	511902	518598	525798	531996	13
Frequency (MHz)				2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	11.88	11.74	11.99	11.28	12.13	13
Channel				504204	511404	518598	525798	532998	13
Frequency (MHz)				2521.02	2557.02	2592.99	2626.5	2664.99	
50	DFT-s-OFDM QPSK	1	1	11.92	11.79	12.06	12.19	12.15	13
Channel				503202	510900	518598	526296	534000	13
Frequency (MHz)				2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM QPSK	1	1	12.10	12.06	12.27	12.23	12.23	13
Channel				502200	510402	518598	526800	534996	13
Frequency (MHz)				2511	2552.01	2592.99	2634	2674.98	
30	DFT-s-OFDM QPSK	1	1	12.00	11.95	12.21	12.17	12.07	13
Channel				501204	509904	518598	527298	535998	13
Frequency (MHz)				2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	11.84	11.88	12.19	12.16	12.12	13

n66 (PC3)_Ant 0									
BW [MHz]	Modulation		RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)	
Channel					346000	349000	352000		
Frequency (MHz)					1730	1745	1760	13.5	
40	DFT-s-OFDM PI/2 BPSK	1	1	12.51	12.47	12.39			
40		1	108	12.44	12.52	12.40			
40		1	214	12.45	12.57	12.51			
40		108	1	12.65	12.70	12.67			
40		108	54	12.60	12.59	12.59			
40		108	108	12.53	12.61	12.66			
40	DFT-s-OFDM QPSK	216	0	12.67	12.62	12.62	13.5		
40		1	1	12.83	12.82	12.89			
40		1	108	12.54	12.58	12.41			
40		1	214	12.54	12.66	12.50			
40		108	1	12.73	12.68	12.70			
40		108	54	12.77	12.81	12.85			
40	DFT-s-OFDM 16QAM	108	108	12.57	12.67	12.72	13.5		
40		216	0	12.69	12.68	12.70			
40		DFT-s-OFDM 16QAM	1	1	12.73	12.61		12.60	13.5
40		DFT-s-OFDM 64QAM	1	1	11.24	11.13		11.07	
40	DFT-s-OFDM 256QAM	1	1	9.11	8.98	8.95	9.5		
40	CP-OFDM QPSK	1	1	12.23	12.08	11.79	12.5		
40	CP-OFDM 16QAM	1	1	11.78	11.57	11.55	12.5		
40	CP-OFDM 64QAM	1	1	10.26	10.09	10.19	10.5		
40	CP-OFDM 256QAM	1	1	7.08	6.96	6.95	7.5		
Channel					345000	349000	353000	Tune-up limit (dBm)	
Frequency (MHz)					1725	1745	1765		
30	DFT-s-OFDM QPSK	1	1	12.71	12.60	12.56	13.5		
Channel					344000	349000	354000	Tune-up limit (dBm)	
Frequency (MHz)					1720	1745	1770		
20	DFT-s-OFDM QPSK	1	1	12.61	12.55	12.45	13.5		
Channel					343500	349000	354500	Tune-up limit (dBm)	
Frequency (MHz)					1717.5	1745	1772.5		
15	DFT-s-OFDM QPSK	1	1	12.78	12.59	12.52	13.5		
Channel					343000	349000	355000	Tune-up limit (dBm)	
Frequency (MHz)					1715	1745	1775		
10	DFT-s-OFDM QPSK	1	1	12.74	12.64	12.65	13.5		
Channel					342500	349000	355500	Tune-up limit (dBm)	
Frequency (MHz)					1712.5	1745	1777.5		
5	DFT-s-OFDM QPSK	1	1	12.79	12.69	12.66	13.5		

n66 (PC3)_Ant 2

BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	DFT-s-OFDM PI/2 BPSK	1	1	15.51	15.47	15.39	16.5
40		1	108	15.44	15.52	15.40	
40		1	214	15.45	15.57	15.51	
40		108	1	15.65	15.70	15.67	16.5
40		108	54	15.60	15.59	15.59	
40		108	108	15.53	15.61	15.66	
40		216	0	15.67	15.62	15.62	
40	DFT-s-OFDM QPSK	1	1	15.83	15.82	15.89	16.5
40		1	108	15.54	15.58	15.41	
40		1	214	15.54	15.66	15.50	
40		108	1	15.73	15.68	15.70	16.5
40		108	54	15.77	15.81	15.85	
40		108	108	15.57	15.67	15.72	
40		216	0	15.69	15.68	15.70	
40	DFT-s-OFDM 16QAM	1	1	15.73	15.61	15.60	16.5
40	DFT-s-OFDM 64QAM	1	1	14.24	14.13	14.07	14.5
40	DFT-s-OFDM 256QAM	1	1	12.11	11.98	11.95	12.5
40	CP-OFDM QPSK	1	1	15.23	15.08	14.79	15.5
40	CP-OFDM 16QAM	1	1	14.78	14.57	14.55	15.5
40	CP-OFDM 64QAM	1	1	13.26	13.09	13.19	13.5
40	CP-OFDM 256QAM	1	1	10.08	9.96	9.95	10.5
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	15.71	15.60	15.56	16.5
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	15.61	15.55	15.45	16.5
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	15.78	15.59	15.52	16.5
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	15.74	15.64	15.65	16.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	15.79	15.69	15.66	16.5

n77(3450-3550MHz) (PC3)

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			
Frequency (MHz)						3500.01			
100	DFT-s-OFDM PI/2 BPSK	1	1			9.70			7.5
100		1	136			9.27			
100		1	271			9.03			
100		135	1			9.65			
100	DFT-s-OFDM QPSK	135	67			9.37			7.5
100		135	136			9.10			
100		270	0			9.36			
100		1	1			9.89			
100	DFT-s-OFDM 16QAM	1	136			9.51			7.5
100		1	271			9.26			
100		135	1			9.60			
100		135	67			9.37			
100	DFT-s-OFDM 64QAM	135	136			9.09			7.5
100		270	0			9.47			
100		1	1			9.77			
100		1	1			9.63			
100	DFT-s-OFDM 256QAM	1	1			8.14			8.5
100	CP-OFDM QPSK	1	1			9.77			10.5
100	CP-OFDM 16QAM	1	1			9.80			10.5
100	CP-OFDM 64QAM	1	1			9.29			10.5
100	CP-OFDM 256QAM	1	1			6.19			7.5
Channel				633000	633168	633334	633500	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3497.52	3500.01	3502.5	3504.99	
90	DFT-s-OFDM QPSK	1	1	9.49	9.53	9.58	9.53	9.58	7.5
Channel				632668	633000	633334	633666	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3495	3500.01	3504.99	3510	
80	DFT-s-OFDM QPSK	1	1	9.53	9.48	9.52	9.66	9.59	7.5
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	9.54	9.51	9.59	9.55	9.53	7.5
Channel				632000	632668	633334	634000	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3490.02	3500.01	3510	3519.99	
60	DFT-s-OFDM QPSK	1	1	9.65	9.68	9.62	9.49	9.51	7.5
Channel				631668	632500	633334	634166	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3487.5	3500.01	3510	3525	
50	DFT-s-OFDM QPSK	1	1	9.63	9.64	9.55	9.55	9.46	7.5
Channel				631334	632334	633334	634332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3485.01	3500.01	3514.98	3529.98	
40	DFT-s-OFDM QPSK	1	1	9.92	9.82	9.88	9.94	9.82	7.5
Channel				631000	632168	633334	634500	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3482.52	3500.01	3517.5	3534.99	
30	DFT-s-OFDM QPSK	1	1	9.81	9.78	9.72	9.68	9.65	7.5
Channel				630668	632000	633334	634666	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3480	3500.01	3519.99	3540	
20	DFT-s-OFDM QPSK	1	1	9.68	9.60	9.67	9.54	9.45	7.5

n77(3450-3550MHz) (PC2)

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			
Frequency (MHz)						3500.01			
100	DFT-s-OFDM PI/2 BPSK	1	1			9.68			10.5
100		1	136			9.24			
100		1	271			9.03			
100		135	1			9.14			10
100		135	67			9.39			
100		135	136			8.64			
100	DFT-s-OFDM QPSK	270	0			8.91			10.5
100		1	1			9.75			
100		1	136			9.37			
100		1	271			9.09			9.5
100		135	1			8.63			
100	DFT-s-OFDM 16QAM	135	67			9.56			
100		135	136			8.09			10.5
100		270	0			8.48			9.5
100		1	1			8.80			9.5
100		1	1			7.18			7.5
100	DFT-s-OFDM 64QAM	1	1			5.16			5.5
100	DFT-s-OFDM 256QAM	1	1			8.26			8.5
100	CP-OFDM QPSK	1	1			7.91			8.5
100	CP-OFDM 16QAM	1	1			6.28			7.5
100	CP-OFDM 64QAM	1	1			3.19			3.5
100	CP-OFDM 256QAM	1	1						
Channel				633000	633168	633334	633500	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3497.52	3500.01	3502.5	3504.99	
90	DFT-s-OFDM QPSK	1	1	9.55	9.56	9.57	9.58	9.59	10.5
Channel				632668	633000	633334	633666	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3495	3500.01	3504.99	3510	
80	DFT-s-OFDM QPSK	1	1	9.53	9.48	9.56	9.64	9.58	10.5
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	9.51	9.57	9.62	9.55	9.59	10.5
Channel				632000	632668	633334	634000	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3490.02	3500.01	3510	3519.99	
60	DFT-s-OFDM QPSK	1	1	9.69	9.66	9.63	9.64	9.59	10.5
Channel				631668	632500	633334	634166	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3487.5	3500.01	3510	3525	
50	DFT-s-OFDM QPSK	1	1	9.65	9.61	9.62	9.59	9.45	10.5
Channel				631334	632334	633334	634332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3485.01	3500.01	3514.98	3529.98	
40	DFT-s-OFDM QPSK	1	1	9.97	9.84	9.81	9.87	9.76	10.5
Channel				631000	632168	633334	634500	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3482.52	3500.01	3517.5	3534.99	
30	DFT-s-OFDM QPSK	1	1	9.83	9.81	9.73	9.73	9.70	10.5
Channel				630668	632000	633334	634666	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3480	3500.01	3519.99	3540	
20	DFT-s-OFDM QPSK	1	1	9.67	9.62	9.67	9.53	9.45	10.5

n77(3700-3980MHz) (PC3)

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	11
Frequency (MHz)					3750	3795	3840	3885	3930	
100	DFT-s-OFDM PI/2 BPSK		1	1	9.39	9.52	9.31	9.32	9.46	11
100			1	136	9.59	9.77	9.67	9.77	9.67	
100			1	271	9.71	10.12	10.10	9.89	9.80	
100			135	1	9.51	9.65	9.51	9.59	9.68	11
100			135	67	9.67	9.77	9.72	9.68	9.71	
100			135	136	9.67	9.91	9.89	9.82	9.76	
100	DFT-s-OFDM QPSK		270	0	9.64	9.77	9.67	9.64	9.69	11
100			1	1	9.47	9.50	9.31	9.32	9.45	
100			1	136	9.70	9.79	9.71	9.75	9.72	
100			1	271	9.78	10.18	10.19	9.89	9.87	10.5
100			135	1	9.51	9.68	9.52	9.61	9.63	
100			135	67	9.65	9.78	9.69	9.69	9.69	
100			135	136	9.72	9.89	9.90	9.87	9.80	11
100			270	0	9.62	9.78	9.67	9.65	9.64	10.5
100	DFT-s-OFDM 16QAM		1	1	9.52	9.62	9.40	9.47	9.62	10.5
100	DFT-s-OFDM 64QAM		1	1	9.32	9.45	9.20	9.26	9.37	10.5
100	DFT-s-OFDM 256QAM		1	1	7.76	7.92	7.72	7.74	7.78	8.5
100	CP-OFDM QPSK		1	1	9.41	9.49	9.31	9.38	9.48	10.5
100	CP-OFDM 16QAM		1	1	9.44	9.55	9.36	9.40	9.49	10.5
100	CP-OFDM 64QAM		1	1	8.97	9.09	8.85	8.92	9.00	9.5
100	CP-OFDM 256QAM		1	1	5.90	5.98	5.75	5.79	5.89	6.5
Channel					649666	652834	656000	659166	662332	11
Frequency (MHz)					3744.99	3792.51	3840	3887.49	3934.98	
90	DFT-s-OFDM QPSK		1	1	9.48	9.39	9.40	9.44	9.52	11
Channel					649334	652668	656000	659332	662666	11
Frequency (MHz)					3740.01	3790.02	3840	3889.98	3939.99	
80	DFT-s-OFDM QPSK		1	1	9.49	9.46	9.42	9.42	9.70	11
Channel					649000	652500	656000	659500	663000	11
Frequency (MHz)					3735	3787.5	3840	3892.5	3945	
70	DFT-s-OFDM QPSK		1	1	9.51	9.55	9.41	9.52	9.70	11
Channel					648668	652334	656000	659666	663332	11
Frequency (MHz)					3730.02	3785.01	3840	3894.99	3949.98	
60	DFT-s-OFDM QPSK		1	1	9.50	9.67	9.57	9.64	9.67	11
Channel					648334	652168	656000	659832	663666	11
Frequency (MHz)					3725.01	3782.52	3840	3894.99	3954.99	
50	DFT-s-OFDM QPSK		1	1	9.57	9.63	9.63	9.68	9.91	11
Channel					648000	652000	656000	660000	664000	11
Frequency (MHz)					3720	3780	3840	3900	3960	
40	DFT-s-OFDM QPSK		1	1	9.90	10.00	10.02	10.08	10.27	11
Channel					647668	651834	656000	660166	664332	11
Frequency (MHz)					3715.02	3777.51	3840	3902.49	3964.98	
30	DFT-s-OFDM QPSK		1	1	9.72	9.90	9.93	9.89	10.20	11
Channel					647334	651668	656000	660332	664666	11
Frequency (MHz)					3710.01	3775.02	3840	3904.98	3969.99	
20	DFT-s-OFDM QPSK		1	1	9.63	9.97	10.10	9.80	10.21	11

n77(3700-3980MHz) (PC2)

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	11
Frequency (MHz)				3750	3795	3840	3885	3930	
100	DFT-s-OFDM PI/2 BPSK	1	1	9.43	9.52	9.33	9.38	9.46	11
100		1	136	9.60	9.83	9.70	9.81	9.67	
100		1	271	9.72	10.10	10.11	9.90	9.78	
100		135	1	9.01	8.56	9.03	9.12	9.14	11
100		135	67	9.68	8.68	9.75	9.75	9.69	
100		135	136	9.17	9.40	9.36	9.32	9.28	
100	DFT-s-OFDM QPSK	270	0	9.12	9.29	9.20	9.17	9.16	11
100		1	1	9.44	9.54	9.39	9.34	9.52	
100		1	136	9.65	9.83	9.71	9.81	9.75	
100		1	271	10.11	10.10	10.13	9.97	9.92	9.5
100		135	1	8.53	8.66	8.53	8.60	8.63	
100		135	67	9.67	9.77	9.79	9.71	9.69	
100	DFT-s-OFDM 16QAM	135	136	8.63	8.89	8.88	8.83	8.79	9.5
100	DFT-s-OFDM 256QAM	270	0	8.65	8.77	8.69	8.68	8.67	9.5
100	DFT-s-OFDM 16QAM	1	1	8.45	8.65	8.39	8.38	8.57	9.5
100	DFT-s-OFDM 64QAM	1	1	6.78	6.94	6.68	6.88	6.89	7.5
100	DFT-s-OFDM 256QAM	1	1	4.77	4.86	4.68	4.72	4.84	5.5
100	CP-OFDM QPSK	1	1	7.91	8.07	7.85	7.87	7.90	8.5
100	CP-OFDM 16QAM	1	1	7.57	7.66	7.47	7.54	7.56	8.5
100	CP-OFDM 64QAM	1	1	5.94	6.05	5.85	5.91	6.01	6.5
100	CP-OFDM 256QAM	1	1	2.90	2.95	2.78	2.82	2.91	3.5
Channel				649666	652834	656000	659166	662332	11
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3934.98	
90	DFT-s-OFDM QPSK	1	1	9.47	9.48	9.45	9.48	9.57	11
Channel				649334	652668	656000	659332	662666	11
Frequency (MHz)				3740.01	3790.02	3840	3889.98	3939.99	
80	DFT-s-OFDM QPSK	1	1	9.48	9.49	9.48	9.52	9.70	11
Channel				649000	652500	656000	659500	663000	11
Frequency (MHz)				3735	3787.5	3840	3892.5	3945	
70	DFT-s-OFDM QPSK	1	1	9.53	9.56	9.50	9.56	9.74	11
Channel				648668	652334	656000	659666	663332	11
Frequency (MHz)				3730.02	3785.01	3840	3894.99	3949.98	
60	DFT-s-OFDM QPSK	1	1	9.52	9.69	9.66	9.70	9.74	11
Channel				648334	652168	656000	659832	663666	11
Frequency (MHz)				3725.01	3782.52	3840	3894.99	3954.99	
50	DFT-s-OFDM QPSK	1	1	9.60	9.69	9.73	9.80	9.96	11
Channel				648000	652000	656000	660000	664000	11
Frequency (MHz)				3720	3780	3840	3900	3960	
40	DFT-s-OFDM QPSK	1	1	9.86	10.08	10.04	10.05	10.30	11
Channel				647668	651834	656000	660166	664332	11
Frequency (MHz)				3715.02	3777.51	3840	3902.49	3964.98	
30	DFT-s-OFDM QPSK	1	1	9.79	9.94	9.96	10.00	10.27	11
Channel				647334	651668	656000	660332	664666	11
Frequency (MHz)				3710.01	3775.02	3840	3904.98	3969.99	
20	DFT-s-OFDM QPSK	1	1	9.66	10.02	10.08	9.84	10.24	11