

Full & Default Power

<WCDMA>									
Band		WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938	Limit (dBm)	1537	1638	1738	Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.88	23.70	23.53	25.00	23.60	23.68	23.57	25.00
3GPP Rel 99	RMC 12.2Kbps	23.71	23.73	23.55	25.00	23.63	23.71	23.61	25.00
3GPP Rel 6	HSDPA Subtest-1	22.70	22.84	22.57	24.00	22.60	22.71	22.58	24.00
3GPP Rel 6	HSDPA Subtest-2	22.69	22.66	22.43	24.00	22.63	22.72	22.52	24.00
3GPP Rel 6	HSDPA Subtest-3	22.13	22.14	22.16	23.50	22.29	22.23	22.06	23.50
3GPP Rel 6	HSDPA Subtest-4	22.16	22.18	22.00	23.50	22.25	22.34	22.13	23.50
3GPP Rel 6	HSUPA Subtest-1	22.82	22.68	22.45	24.00	22.65	22.63	22.53	24.00
3GPP Rel 6	HSUPA Subtest-2	20.63	20.75	20.46	22.00	20.79	20.81	20.65	22.00
3GPP Rel 6	HSUPA Subtest-3	21.74	21.62	21.44	23.00	21.72	21.70	21.49	23.00
3GPP Rel 6	HSUPA Subtest-4	20.61	20.69	20.62	22.00	20.66	20.65	20.66	22.00
3GPP Rel 6	HSUPA Subtest-5	22.77	22.74	22.44	24.00	22.74	22.80	22.47	24.00

LTE Band 2 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / High Ch. / Middle Ch.	Frequency (MHz)	Tune-up limit (dBm)	MPR (dB)		
Channel									
1800 1800 1800									
20	QPSK	1	0	23.12 23.15 23.12	24	0			
20	QPSK	1	49	23.05 22.94 23.08	24	0			
20	QPSK	1	99	23.01 22.99 23.02	24	0			
20	QPSK	50	0	22.00 22.10 22.04	23	1			
20	QPSK	50	24	22.03 22.10 22.10	23	1			
20	QPSK	50	50	22.02 22.02 22.18	23	1			
20	QPSK	100	0	21.98 22.12 21.98	23	1			
20	16QAM	1	0	21.92 21.97 22.03	23	1			
20	16QAM	1	49	21.95 21.92 22.11	23	1			
20	16QAM	1	99	21.95 22.05 21.98	23	1			
20	16QAM	50	24	21.09 21.24 21.25	22	2			
20	16QAM	50	50	21.10 21.16 21.29	22	2			
20	16QAM	100	0	21.22 21.14 21.12	22	2			
20	16QAM	1	0	21.26 21.25 21.14	22	2			
20	16QAM	1	49	21.13 21.19 21.11	22	2			
20	16QAM	1	99	21.24 21.13 21.17	22	2			
20	16QAM	50	0	20.30 20.38 20.29	21	3			
20	16QAM	50	24	20.37 20.26 20.36	21	3			
20	16QAM	50	50	20.26 20.27 20.37	21	3			
20	16QAM	100	0	20.37 20.26 20.36	21	3			
20	256QAM	1	0	17.90 18.01 18.01	19	5			
20	256QAM	1	49	18.01 17.92 18.02	19	5			
20	256QAM	1	99	18.08 18.08 17.98	19	5			
20	256QAM	50	0	17.89 17.96 17.93	19	5			
20	256QAM	50	24	17.94 17.97 17.98	19	5			
20	256QAM	50	50	18.05 17.93 18.07	19	5			
20	256QAM	100	0	18.00 18.05 18.07	19	5			
Channel									
1800 1800 1800									
15	QPSK	1	0	23.01 23.09 23.03	24	0			
15	QPSK	1	37	22.94 22.73 23.02	24	0			
15	QPSK	1	74	22.81 22.82 23.04	24	0			
15	QPSK	36	0	21.92 22.18 21.84	23	1			
15	QPSK	36	39	21.97 21.99 22.09	23	1			
15	QPSK	75	0	21.99 22.00 21.89	23	1			
15	16QAM	1	0	21.74 21.81 21.85	23	1			
15	16QAM	1	37	21.74 21.88 21.84	23	1			
15	16QAM	1	74	21.89 21.84 21.99	23	1			
15	16QAM	36	0	21.29 21.56 21.89	22	2			
15	16QAM	36	20	20.99 21.05 21.14	22	2			
15	16QAM	36	39	20.92 21.05 21.22	22	2			
15	16QAM	75	0	21.11 21.01 21.12	22	2			
15	16QAM	1	0	21.21 21.11 21.12	22	2			
15	16QAM	1	37	21.10 21.05 20.91	22	2			
15	16QAM	1	74	21.20 21.11 21.12	22	2			
15	16QAM	36	0	20.12 20.37 20.25	21	3			
15	16QAM	36	20	20.04 20.11 20.35	21	3			
15	16QAM	36	39	20.20 20.30 20.20	21	3			
15	16QAM	75	0	20.31 20.12 20.23	21	3			
15	256QAM	1	0	17.75 17.96 17.71	19	5			
15	256QAM	1	37	17.97 17.93 17.98	19	5			
15	256QAM	1	74	18.00 17.95 17.91	19	5			
15	256QAM	50	0	17.76 17.95 17.93	19	5			
15	256QAM	50	24	17.84 17.87 17.80	19	5			
15	256QAM	50	39	17.94 17.82 17.80	19	5			
15	256QAM	75	0	17.88 17.85 17.85	19	5			
Channel									
1800 1800 1800									
10	QPSK	1	0	23.03 23.04 23.00	24	0			
10	QPSK	1	25	22.93 22.74 23.00	24	0			
10	QPSK	1	49	23.02 22.78 22.92	24	0			
10	QPSK	25	0	21.85 22.07 21.88	23	1			
10	QPSK	25	12	21.82 22.07 21.88	23	1			
10	QPSK	25	25	22.03 21.98 22.09	23	1			
10	QPSK	50	0	21.79 21.90 21.89	23	1			
10	16QAM	1	0	21.79 21.90 21.99	23	1			
10	16QAM	1	25	21.87 21.73 22.06	23	1			
10	16QAM	1	49	21.87 21.91 21.85	23	1			
10	16QAM	25	0	21.21 20.87 21.07	22	2			
10	16QAM	25	12	20.94 21.17 21.18	22	2			
10	16QAM	25	25	21.05 21.08 21.08	22	2			
10	16QAM	50	0	21.20 21.01 20.97	22	2			
10	16QAM	1	0	21.16 21.11 21.04	22	2			
10	16QAM	1	25	21.08 21.04 21.07	22	2			
10	16QAM	1	49	21.16 20.97 21.03	22	2			
10	16QAM	25	0	20.22 20.40 20.15	21	3			
10	16QAM	25	12	20.14 20.17 20.27	21	3			
10	16QAM	25	25	20.13 20.06 20.27	21	3			
10	16QAM	50	0	20.30 20.06 20.05	21	3			
10	256QAM	1	0	17.88 17.87 17.88	19	5			
10	256QAM	1	25	18.01 17.90 17.93	19	5			
10	256QAM	1	49	17.86 18.08 17.91	19	5			
10	256QAM	25	0	17.80 17.50 17.80	19	5			
10	256QAM	25	12	17.85 17.75 17.87	19	5			
10	256QAM	25	25	18.03 17.91 17.87	19	5			
10	256QAM	50	0	18.00 17.88 18.09	19	5			
Channel									
1800 1800 1800									
5	QPSK	1	0	22.92 23.00 23.13	24	0			
5	QPSK	1	12	22.92 22.85 23.08	24	0			
5	QPSK	1	24	22.83 23.00 22.83	24	0			
5	QPSK	12	0	22.00 22.10 21.91	23	1			
5	QPSK	12	7	21.89 22.09 22.03	23	1			
5	QPSK	12	13	21.95 21.87 22.15	23	1			
5	QPSK	25	0	21.88 22.12 21.77	23	1			
5	16QAM	1	0	21.74 21.95 22.06	23	1			
5	16QAM	1	12	21.90 21.85 21.99	23	1			
5	16QAM	1	24	21.95 22.05 21.90	23	1			
5	16QAM	12	0	21.14 20.88 20.96	22	2			
5	16QAM	12	13	21.04 21.22 21.21	22	2			
5	16QAM	25	0	21.25 21.21 21.28	22	2			
5	16QAM	25	13	21.09 20.95 21.14	22	2			
5	16QAM	25	0	21.24 21.11 21.08	22	2			
5	16QAM	1	0	21.19 21.10 21.12	22	2			
5	16QAM	1	12	21.12 21.09 21.13	22	2			
5	16QAM	1	24	21.08 21.10 21.13	22	2			
5	16QAM	12	13	20.28 20.31 20.14	21	3			
5	16QAM	12	7	20.02 20.31 20.17	21	3			
5	16QAM	12	13	20.05 20.28 20.23	21	3			
5	16QAM	25	0	20.22 20.37 20.35	21	3			
5	256QAM	1	0	17.71 17.81 17.77	19	5			
5	256QAM	1	12	18.01 17.77 18.00	19	5			
5	256QAM	1	24	17.89 17.92 17.98	19	5			
5	256QAM	12	0	17.89 17.80 17.91	19	5			
5	256QAM	12	7	17.87 17.89 17.96	19	5			
5	256QAM	12	13	17.98 17.85 17.91	19	5			
5	256QAM	25	0	17.98 17.88 17.87	19	5			
Channel									
1800 1800 1800									
3	QPSK	1	0	23.11 23.14 23.01	24	0			
3	QPSK	1	8	22.83 22.96 22.84	24	0			
3	QPSK	1	14	22.82 22.97 22.98	24	0			
3	QPSK	8	0	21.97 22.16 21.93	23	1			
3	QPSK	8	4	21.91 22.10 22.03	23	1			
3	QPSK	8	7	21.95 22.02 22.14	23	1			
3	QPSK	15	0	21.76 22.14 21.84	23	1			
3	16QAM	1	0	21.86 21.88 22.03	23	1			
3	16QAM	1	8	21.88 21.70 22.10	23	1			
3	16QAM	1	14	21.83 21.97 21.77	23	1			
3	16QAM	8	0	21.06 20.96 21.02	22	2			
3	16QAM	8	4	20.89 21.14 21.04	22	2			
3	16QAM	8	7	21.00 21.06 21.08	22	2			
3	16QAM	15	0	21.11 21.06 21.04	22	2			
3	16QAM	1	8	21.19 21.10 21.12	22	2			
3	16QAM	1	14	20.93 21.06 21.07	22	2			
3	16QAM	1	24	21.24 21.03 20.98	22	2			
3	16QAM	8	7	20.27 20.09 20.33	21	3			
3	16QAM	8	4	20.09 20.10 20.33	21	3			
3	16QAM	15	0	20.19 20.09 20.15	21	3			
3	256QAM	1	0	17.84 17.92 17.78	19	5			
3	256QAM	1	8	17.89 17.92 17.84	19	5			
3	256QAM	1	14	17.98 18.10 17.86	19	5			
3	256QAM	8	0	17.89 17.78 17.84	19	5			
3	256QAM	8	4	17.90 17.75 17.89	19	5			
3	256QAM	8	7	18.01 17.92 17.98	19	5			
3	256QAM	15	0	17.86 18.07 17.92	19	5			
Channel									
1800 1800 1800									
1.4	QPSK	1	0	23.08 23.03 22.96	24	0			
1.4	QPSK	1	8	22.83 22.96 22.84	24	0			
1.4	QPSK	1	5	22.91 23.01 22.99	24	0			
1.4	QPSK	3	0	22.95 22.98 22.99	24	0			
1.4	QPSK	3	3	22.82 22.88 22.86	23	1			
1.4	QPSK	6	0	21.88 22.06 21.81	23	1			
1.4	QPSK	6	3	21.89 22.05 21.82	23	1			
1.4	QPSK	1	3	21.82 21.91 22.05	23	1			
1.4	16QAM	1	5	21.91 21.93 21.82	23	1			
1.4	16QAM	1	8	21.88 21.98 21.82	23	1			
1.4	16QAM	3	3	21.84 21.83 21.82	23	1			
1.4	16QAM	6	0	21.13 21.09 21.07	22	2			
1.4	16QAM	6	3	21.17 21.27 21.13	22	2			
1.4	16QAM								

LTE Band 25 Ant 0												
BW (MHz)	Modulation on RB Size	RB Offset	Power Low Ch / Middle Ch / High Ch	Time-up limit (dBm)	MPR (dB)							
Channel 26140 26340 26590												
Frequency (MHz)												
20	QPSK	1	49	22.93	22.83	22.91	24	0				
20	QPSK	1	99	22.81	22.99	22.98	23	1				
20	QPSK	50	24	21.87	22.11	22.04						
20	QPSK	50	50	21.91	21.87	22.12	23	1				
20	QPSK	100	0	21.91	21.97	21.85						
20	16QAM	1	49	21.71	21.86	21.83	23	1				
20	16QAM	1	99	21.87	21.91	21.92						
20	16QAM	1	99	21.78	21.86	21.79	22	2				
20	16QAM	50	24	20.87	21.18	21.14						
20	16QAM	50	50	21.07	21.13	21.12	22	2				
20	16QAM	100	0	21.08	21.04	20.92						
20	64QAM	1	0	21.06	21.17	21.12	22	2				
20	64QAM	1	49	21.01	21.06	20.90						
20	64QAM	1	99	21.05	21.02	21.15	21	3				
20	64QAM	50	0	20.28	20.18	20.20						
20	64QAM	50	24	20.18	20.29	20.35	19	5				
20	64QAM	50	50	20.21	20.09	20.29						
20	64QAM	100	0	20.26	20.15	20.23	19	5				
20	256QAM	1	0	17.91	17.83	17.91						
20	256QAM	1	49	17.84	17.86	18.02	19	5				
20	256QAM	1	99	18.02	18.09	17.82						
20	256QAM	50	0	17.83	17.75	17.89	19	5				
20	256QAM	50	24	17.82	17.85	17.89						
20	256QAM	50	50	17.91	17.88	18.04	19	5				
20	256QAM	100	0	17.84	17.88	18.03						
Channel 26115 26340 26615												
Frequency (MHz)												
15	QPSK	1	0	22.94	23.07	22.84	24	0				
15	QPSK	1	37	22.79	22.81	22.78						
15	QPSK	1	74	22.65	22.79	22.83	23	1				
15	QPSK	36	0	21.72	22.00	21.82						
15	QPSK	36	20	21.76	21.92	21.83	23	1				
15	QPSK	36	39	21.93	21.79	22.07						
15	QPSK	75	0	21.77	21.78	21.83	23	1				
15	16QAM	1	49	21.50	21.68	21.65						
15	16QAM	1	37	21.77	21.93	21.77	22	2				
15	16QAM	1	74	21.57	21.67	21.66						
15	16QAM	36	0	20.96	20.98	20.94	22	2				
15	16QAM	36	20	20.70	21.20	21.11						
15	16QAM	36	39	20.95	20.99	21.13	22	2				
15	16QAM	75	0	21.05	20.91	20.98						
15	64QAM	1	0	21.03	20.95	21.11	22	2				
15	64QAM	1	37	20.91	20.84	20.70						
15	64QAM	1	74	21.02	20.94	21.05	21	3				
15	64QAM	36	0	20.19	20.04	20.20						
15	64QAM	36	20	20.19	20.26	20.21	19	5				
15	64QAM	36	39	20.18	20.00	20.08						
15	256QAM	1	0	17.81	17.71	17.89	19	5				
15	256QAM	1	37	17.75	17.81	17.85						
15	256QAM	1	74	18.02	17.92	18.02	19	5				
15	256QAM	50	0	17.78	17.70	17.79						
15	256QAM	50	24	17.83	17.87	17.82	19	5				
15	256QAM	50	39	17.71	17.89	17.91						
15	256QAM	75	0	17.62	17.71	17.80						
Channel 26090 26340 26640												
Frequency (MHz)												
10	QPSK	1	0	23.02	22.92	22.86	24	0				
10	QPSK	1	25	22.84	22.83	22.82						
10	QPSK	1	49	22.60	22.94	22.94	23	1				
10	QPSK	25	12	21.81	22.07	21.65						
10	QPSK	25	12	21.80	21.95	21.80	23	1				
10	QPSK	25	25	21.75	21.88	21.91						
10	QPSK	50	0	21.94	21.80	21.75	23	1				
10	16QAM	1	0	21.56	21.76	21.63						
10	16QAM	1	25	21.74	21.85	21.90	22	2				
10	16QAM	1	49	21.73	21.86	21.86						
10	16QAM	25	0	20.90	21.02	21.08	22	2				
10	16QAM	25	12	20.69	21.12	21.05						
10	16QAM	25	25	21.04	21.13	20.94	22	2				
10	16QAM	50	0	20.94	20.82	20.75						
10	64QAM	1	0	21.05	20.97	20.93	22	2				
10	64QAM	1	25	21.03	21.08	21.05						
10	64QAM	1	49	21.05	20.91	21.18	21	3				
10	64QAM	25	0	20.08	20.12	20.00						
10	64QAM	25	12	20.11	20.08	20.08	19	5				
10	64QAM	25	25	20.06	19.84	20.07						
10	64QAM	50	0	20.24	20.07	20.17	19	5				
10	256QAM	1	0	17.81	17.80	17.88						
10	256QAM	1	25	17.69	17.71	17.81	19	5				
10	256QAM	1	49	17.82	18.11	17.83						
10	256QAM	25	0	17.68	17.72	17.87	19	5				
10	256QAM	25	12	17.78	17.83	17.88						
10	256QAM	25	25	17.73	17.89	18.00	19	5				
10	256QAM	50	0	17.67	17.67	17.89						
Channel 26052 26340 26640												
Frequency (MHz)												
5	QPSK	1	0	22.98	23.02	22.92	24	0				
5	QPSK	1	12	22.77	22.72	22.77						
5	QPSK	1	24	22.71	22.89	22.85	23	1				
5	QPSK	12	0	21.88	22.07	21.68						
5	QPSK	12	7	21.87	21.94	21.87	23	1				
5	QPSK	12	13	21.81	21.73	21.86						
5	QPSK	25	0	21.81	21.75	21.72	23	1				
5	16QAM	1	0	21.66	21.68	21.63						
5	16QAM	1	12	21.86	21.74	21.81	23	1				
5	16QAM	1	24	21.73	21.82	21.75						
5	16QAM	12	0	21.08	21.03	21.01	22	2				
5	16QAM	12	13	21.04	20.99	21.01						
5	16QAM	12	13	21.03	21.11	20.93	22	2				
5	16QAM	25	0	21.05	21.05	20.78						
5	64QAM	1	0	20.69	20.68	21.14	22	2				
5	64QAM	1	12	20.95	21.03	20.87						
5	64QAM	1	24	21.04	20.87	21.06	21	3				
5	64QAM	12	0	20.23	20.01	20.07						
5	64QAM	12	7	20.10	20.10	20.24	21	3				
5	64QAM	12	13	20.06	20.06	20.20						
5	256QAM	1	0	17.76	17.83	17.76	19	5				
5	256QAM	1	12	17.69	17.71	17.81						
5	256QAM	1	24	17.81	17.96	17.75	19	5				
5	256QAM	12	0	17.83	17.83	17.82						
5	256QAM	12	7	17.78	17.85	17.89	19	5				
5	256QAM	12	13	17.69	17.80	17.83						
5	256QAM	25	0	17.64	17.67	17.89						
Channel 26047 26340 26640												
Frequency (MHz)												
3	QPSK	1	0	22.91	22.97	22.86	24	0				
3	QPSK	1	14	22.71	22.90	22.93						
3	QPSK	8	0	21.85	22.01	21.73	23	1				
3	QPSK	8	7	21.78	21.95	22.00						
3	QPSK	8	7	21.89	21.77	22.11	23	1				
3	16QAM	1	0	21.50	21.78	21.65						
3	16QAM	1	8	21.64	21.67	21.69	23	1				
3	16QAM	1	8	21.70	21.85	21.83						
3	16QAM	1	14	21.65	21.86	21.80	22	2				
3	16QAM	8	0	20.67	21.01	20.96						
3	16QAM	8	7	20.95	21.12	21.10	22	2				
3	16QAM	15	7	21.01	20.93	20.84						
3	16QAM	1	0	20.87	21.15	21.08	22	2				
3	16QAM	1	8	20.91	21.04	20.73						
3	16QAM	8	7	21.01	20.93	20.84	21	3				
3	16QAM	8	7	20.95	20.92	20.92						
3	256QAM	1	0	17.69	17.83	17.83	19	5				
3	256QAM	1	8	17.78	17.85	17.89						
3	256QAM	1	14	17.81	17.91	17.89	19	5				
3	256QAM	8	0	17.67	17.78	17.83						
3	256QAM	8	7	17.86	17.86	17.84	19	5				
3	256QAM	15	7	17.86	17.86	17.86						
Channel 26047 26340 26640												
Frequency (MHz)												
1.4	QPSK	1	0	22.93	22.98	22.92	24	0				
1.4	QPSK	1	5	22.84	22.68	22.77						
1.4	QPSK	1	10	22.75	22.65	22.72	23	1				
1.4	QPSK	3	0	22.62	22.70	22.70						
1.4	QPSK	3	5	22.69	22.49	22.70	23	1				
1.4	QPSK	3	10	22.65	22.49	22.73						
1.4	16QAM	1	0	21.93	21.84	21.74	23	1				
1.4	16QAM	1	5	21.82	21.73	21.85						
1.4	16QAM	1	10	21.79	21.78	21.82	23	1				
1.4	16QAM	3	0	21.86	21.94	21.84						
1.4	16QAM	3	5	21.78	21.74	21.68	22	2				
1.4	16QAM	3	10	21.83	21.83	21.83						
1.4	64QAM	1	0	20.90	20.66	20.84	22	2				
1.4	64QAM	1	5	20.85	21.03	20.89						
1.4	64QAM	1	10	20.80	20.80	20.80	22	2				
1.4	64QAM	3	0	20.92	20.94	20.70						
1.4	64QAM	3	5	20.77	20.97	20.77	21	3				
1.4	64QAM	3	10	20.13	20.01	20.04						
1.4	256QAM	1	0	17.65	17.67	17.83	19	5				
1.4	256QAM	1	5	17.70	17.95	17.88						
1.4	256QAM	1	10	17.75	17.72	17.79	19	5				
1.4	256QAM	3	0	17.61	17.76	17.72						
1.4	256QAM	3	5	17.97	17.97	17.71	19	5				
1.4	256QAM	3	10	17.92	17.92	17.92						

LTE Band 38 Ant 0														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / 30750	Power Middle Ch / 30750	Power High Ch / 30750	Tune-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.12	22.13	22.09	23	0						
20	QPSK	1	49	21.88	22.06	22.07								
20	QPSK	1	99	21.95	21.99	21.93								
20	QPSK	50	0	21.18	21.21	21.03								
20	QPSK	50	24	21.05	21.16	21.19								
20	QPSK	50	50	20.84	20.86	20.94	22	1						
20	QPSK	100	0	20.93	21.24	20.96								
20	16QAM	1	0	21.23	21.20	21.01								
20	16QAM	1	49	20.83	21.02	20.96								
20	16QAM	1	99	20.96	20.86	21.23								
20	16QAM	50	0	20.68	20.12	20.20	21	2						
20	16QAM	50	24	20.36	20.28	20.35								
20	16QAM	50	50	20.29	20.12	20.21								
20	16QAM	100	0	20.07	19.97	19.90								
20	64QAM	1	0	20.17	20.04	20.14								
20	64QAM	1	49	19.99	19.97	20.04	21	2						
20	64QAM	1	99	19.93	19.87	20.12								
20	64QAM	50	0	19.32	19.27	19.47								
20	64QAM	50	24	19.23	19.26	19.44								
20	64QAM	50	50	19.12	19.06	19.01								
20	64QAM	100	0	19.25	19.36	19.35	20	3						
20	256QAM	1	0	16.94	17.13	17.09								
20	256QAM	1	49	16.99	16.93	16.83								
20	256QAM	1	99	17.17	17.21	17.04								
20	256QAM	50	0	16.72	16.72	16.79								
20	256QAM	50	24	17.13	16.91	17.16	18	5						
20	256QAM	50	50	16.75	16.82	16.83								
20	256QAM	100	0	16.92	16.82	17.07								
Channel														
Frequency (MHz)														
25	QPSK	1	0	22.02	22.05	22.02	23	0						
25	QPSK	1	37	21.75	21.84	22.09								
25	QPSK	1	74	21.89	21.91	21.82								
25	QPSK	36	0	21.12	21.22	21.05								
25	QPSK	36	20	20.92	21.10	21.00								
25	QPSK	36	39	20.85	20.78	20.85	22	1						
25	QPSK	75	0	20.88	21.24	20.97								
25	16QAM	1	0	21.09	21.03	20.98								
25	16QAM	1	37	20.67	20.91	20.87								
25	16QAM	1	74	20.61	20.74	21.05								
25	16QAM	36	0	19.27	19.93	20.13	21	2						
25	16QAM	36	20	20.29	20.12	20.21								
25	16QAM	36	39	20.14	20.08	20.19								
25	16QAM	75	0	20.09	19.87	19.91								
25	64QAM	1	0	19.74	19.77	19.94								
25	64QAM	1	74	19.74	19.79	19.92	21	2						
25	64QAM	36	0	19.21	19.10	19.31								
25	64QAM	36	20	19.21	19.16	19.33								
25	64QAM	36	39	19.03	18.87	18.93								
25	64QAM	75	0	19.21	19.29	19.34								
25	256QAM	1	0	16.89	17.10	16.88	18	5						
25	256QAM	1	37	16.84	16.85	16.80								
25	256QAM	1	74	17.04	17.09	17.04								
25	256QAM	36	0	16.94	16.92	16.80								
25	256QAM	36	20	16.97	16.93	17.02								
25	256QAM	36	39	16.85	16.76	16.87	18	5						
25	256QAM	75	0	16.93	16.66	17.03								
Channel														
Frequency (MHz)														
30	QPSK	1	0	22.10	21.96	21.93	23	0						
30	QPSK	1	25	21.86	21.98	22.02								
30	QPSK	1	49	21.92	21.86	21.69								
30	QPSK	25	0	20.97	21.01	20.95								
30	QPSK	25	12	21.01	21.01	21.21								
30	QPSK	25	25	20.78	20.75	20.84	22	1						
30	QPSK	50	0	20.82	21.16	20.78								
30	16QAM	1	0	21.97	21.99	20.82								
30	16QAM	1	25	20.73	20.92	20.81								
30	16QAM	1	49	20.88	20.75	21.21								
30	16QAM	25	0	20.32	20.09	20.13	21	2						
30	16QAM	25	12	20.32	20.06	20.36								
30	16QAM	25	25	20.30	20.07	20.20								
30	16QAM	50	0	19.91	19.82	19.90								
30	64QAM	1	0	20.12	20.03	20.01								
30	64QAM	1	25	19.95	19.88	19.84	21	2						
30	64QAM	1	49	19.98	19.90	19.97								
30	64QAM	25	0	19.16	19.15	19.31								
30	64QAM	25	12	19.04	19.23	19.39								
30	64QAM	25	25	19.09	18.98	19.05								
30	64QAM	50	0	19.25	19.18	19.14	20	3						
30	256QAM	1	0	16.91	17.10	16.85								
30	256QAM	1	25	16.87	16.71	16.64								
30	256QAM	1	49	17.13	17.06	16.93								
30	256QAM	25	0	16.65	16.53	16.72								
30	256QAM	25	12	17.03	16.75	17.03	18	5						
30	256QAM	25	25	16.87	16.78	16.82								
30	256QAM	50	0	16.90	16.74	16.94								
Channel														
Frequency (MHz)														
35	QPSK	1	0	22.10	21.96	21.93	23	0						
35	QPSK	1	12	21.70	22.06	21.94								
35	QPSK	1	24	21.77	21.80	21.80								
35	QPSK	12	0	21.14	21.19	20.94								
35	QPSK	12	7	20.99	20.98	21.14								
35	QPSK	12	13	20.71	20.88	20.73	22	1						
35	QPSK	25	0	20.62	21.21	20.83								
35	16QAM	1	0	21.12	20.98	20.95								
35	16QAM	1	12	20.77	20.85	20.81	21	2						
35	16QAM	1	24	20.95	20.94	20.74								
35	16QAM	12	0	19.94	19.97	20.20								
35	16QAM	12	7	20.19	20.18	20.14								
35	16QAM	12	13	20.08	20.07	20.09								
35	16QAM	25	0	19.94	19.97	19.83	21	2						
35	64QAM	1	0	20.07	20.01	20.21								
35	64QAM	1	12	19.62	19.77	19.83								
35	64QAM	1	24	19.77	19.80	19.83								
35	64QAM	12	0	19.17	19.12	19.26								
35	64QAM	12	7	19.14	19.25	19.33	20	3						
35	64QAM	12	13	18.92	18.95	18.91								
35	64QAM	25	0	19.15	19.35	19.18								
35	256QAM	1	0	16.93	16.95	17.04								
35	256QAM	1	12	16.81	16.80	16.64								
35	256QAM	1	24	17.02	17.05	16.88	18	5						
35	256QAM	12	0	16.63	16.72	16.62								
35	256QAM	12	7	17.10	16.86	17.12								
35	256QAM	12	13	16.98	16.81	16.81								
35	256QAM	25	0	16.78	16.67	16.86								

WCDMA													
Band		WCDMA II Ant.1			Tune-up Limit (dBm)	WCDMA IV Ant.1			Tune-up Limit (dBm)	WCDMA V Ant.1			Tune-up Limit (dBm)
TX Channel	Rx Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233	
Frequency (MHz)		9662	9800	9938		1537	1638	1738		4337	4407	4458	
		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.17	23.21	23.11	24.00	23.09	23.15	23.01	24.00	23.76	23.91	23.85	25.00
3GPP Rel 99	RMK 12.2Kbps	23.21	23.25	23.16	24.00	23.14	23.20	23.06	24.00	23.81	23.96	23.88	25.00
3GPP Rel 6	HSDPA Subtest-1	22.19	22.29	22.27	23.00	22.13	22.15	22.21	23.00	22.87	23.04	22.78	24.00
3GPP Rel 6	HSDPA Subtest-2	22.25	22.35	22.24	23.00	22.24	22.30	22.11	23.00	22.90	22.85	22.92	24.00
3GPP Rel 6	HSDPA Subtest-3	21.79	21.83	21.65	22.50	21.81	21.84	21.73	22.50	22.26	22.44	22.36	23.50
3GPP Rel 6	HSDPA Subtest-4	21.68	21.77	21.77	22.50	21.70	21.86	21.59	22.50	22.40	22.41	22.37	23.50
3GPP Rel 6	HSPA Subtest-1	22.20	22.20	22.21	23.00	22.11	22.17	22.11	23.00	22.89	22.99	22.80	24.00
3GPP Rel 6	HSPA Subtest-2	20.31	20.23	20.15	21.00	20.32	20.18	20.10	21.00	20.84	21.07	20.88	22.00
3GPP Rel 6	HSPA Subtest-3	21.30	21.21	21.11	22.00	21.27	21.37	21.14	22.00	21.70	21.89	21.81	23.00
3GPP Rel 6	HSPA Subtest-4	20.19	20.14	20.27	21.00	20.11	20.19	20.14	21.00	20.84	21.06	20.88	22.00
3GPP Rel 6	HSPA Subtest-5	22.11	22.35	22.13	23.00	22.15	22.27	22.25	23.00	22.81	22.96	22.89	24.00

LTE Band 2 Ant 1									
BW [MHz]	Modulation n	RB Size	RB Offset	Low Ch. / 180K	Middle Ch. / 180K	High Ch. / 180K	Tune-up limit (dBm)	MPR (dB)	
Channel									
20	QPSK	1	0	22.83	22.89	22.71	24	0	
20	QPSK	1	49	22.68	22.81	22.73			
20	QPSK	1	99	22.60	22.74	22.71			
20	QPSK	50	0	21.89	21.88	21.84			
20	QPSK	50	24	21.72	21.93	21.71			
20	QPSK	50	50	21.72	21.83	21.78	23	1	
20	QPSK	100	0	21.71	21.81	21.78			
20	16QAM	1	49	21.67	21.68	21.81	23	1	
20	16QAM	1	99	21.79	21.68	21.94			
20	16QAM	50	0	20.88	20.75	20.79	22	2	
20	16QAM	50	24	20.78	20.78	20.70			
20	16QAM	50	50	20.98	20.92	20.89	22	2	
20	16QAM	100	0	20.94	20.97	20.75			
20	64QAM	1	49	20.70	20.92	20.89	22	2	
20	64QAM	1	99	20.74	20.88	20.76			
20	64QAM	50	0	19.85	19.75	19.94	21	3	
20	64QAM	50	24	19.75	19.80	19.75			
20	64QAM	50	50	19.95	19.78	19.84	21	3	
20	64QAM	100	0	19.71	19.83	19.87			
20	256QAM	1	49	17.81	17.71	17.66	19	5	
20	256QAM	1	99	17.82	17.78	17.84			
20	256QAM	1	99	17.73	17.71	17.83	19	5	
20	256QAM	50	0	17.64	17.77	17.76			
20	256QAM	50	24	17.85	17.85	17.81	19	5	
20	256QAM	50	50	17.81	17.75	17.78			
20	256QAM	100	0	17.85	17.77	17.85	19	5	
Channel									
15	QPSK	1	0	22.67	22.77	22.56	24	0	
15	QPSK	1	37	22.66	22.77	22.67			
15	QPSK	1	74	22.53	22.72	22.68	23	1	
15	QPSK	36	0	21.71	21.97	21.52			
15	QPSK	36	20	21.88	21.77	21.59	23	1	
15	QPSK	75	0	21.53	21.81	21.66			
15	16QAM	1	37	21.66	21.71	21.77	23	1	
15	16QAM	1	74	21.59	21.53	21.77			
15	16QAM	36	0	20.68	20.76	20.84	22	2	
15	16QAM	36	20	20.67	20.58	20.71			
15	16QAM	36	39	20.44	20.46	20.80	22	2	
15	16QAM	75	0	20.74	20.47	20.57			
15	64QAM	1	37	20.53	20.61	20.69	22	2	
15	64QAM	1	74	20.48	20.57	20.65			
15	64QAM	36	0	19.65	19.61	19.81	21	3	
15	64QAM	36	20	19.67	19.77	19.74			
15	64QAM	36	39	19.65	19.64	19.89	21	3	
15	64QAM	75	0	19.52	19.65	19.88			
15	256QAM	1	37	17.76	17.75	17.48	19	5	
15	256QAM	1	74	17.57	17.63	17.77			
15	256QAM	1	99	17.49	17.58	17.73	19	5	
15	256QAM	36	20	17.58	17.62	17.66			
15	256QAM	36	39	17.77	17.67	17.57	19	5	
15	256QAM	75	0	17.69	17.73	17.65			
Channel									
10	QPSK	1	0	22.67	22.81	22.64	24	0	
10	QPSK	1	25	22.47	22.73	22.70			
10	QPSK	1	49	22.45	22.65	22.54	23	1	
10	QPSK	12	0	21.81	21.89	21.77			
10	QPSK	25	12	21.52	21.75	21.69	23	1	
10	QPSK	25	25	21.81	21.70	21.49			
10	16QAM	1	0	21.62	21.70	21.68	23	1	
10	16QAM	1	25	21.62	21.81	21.72			
10	16QAM	25	12	20.69	20.65	20.51	22	2	
10	16QAM	25	25	20.48	20.45	20.85			
10	16QAM	50	0	20.75	20.75	20.62	22	2	
10	16QAM	50	24	20.72	20.84	20.56			
10	64QAM	1	49	20.63	20.54	20.63	22	2	
10	64QAM	1	99	20.65	20.55	20.62			
10	64QAM	25	12	19.73	19.60	19.73	21	3	
10	64QAM	25	25	19.71	19.63	19.87			
10	64QAM	50	0	19.59	19.84	19.85	21	3	
10	64QAM	50	24	19.74	19.74	19.79			
10	64QAM	50	49	19.68	19.59	19.86	19	5	
10	64QAM	100	0	19.76	19.59	19.86			
10	256QAM	1	49	17.72	17.70	17.69	19	5	
10	256QAM	1	99	17.65	17.65	17.65			
10	256QAM	25	12	17.52	17.70	17.59	19	5	
10	256QAM	25	25	17.69	17.72	17.55			
10	256QAM	50	0	17.97	17.85	17.86	19	5	
Channel									
5	QPSK	1	0	22.62	22.73	22.56	24	0	
5	QPSK	1	12	22.51	22.67	22.56			
5	QPSK	1	24	22.51	22.67	22.56	23	1	
5	QPSK	12	7	21.68	21.76	21.73			
5	QPSK	12	13	21.67	21.66	21.53	23	1	
5	QPSK	25	0	21.55	21.75	21.67			
5	16QAM	1	0	21.72	21.83	21.91	23	1	
5	16QAM	1	12	21.62	21.82	21.82			
5	16QAM	1	24	21.69	21.64	21.81	22	2	
5	16QAM	12	0	20.79	20.77	20.73			
5	16QAM	12	13	20.79	20.65	20.66	22	2	
5	16QAM	12	13	20.65	20.65	20.67			
5	16QAM	25	0	20.78	20.65	20.77	22	2	
5	16QAM	25	0	20.65	20.65	20.65			
5	64QAM	1	12	20.72	20.69	20.54	22	2	
5	64QAM	1	24	20.65	20.75	20.75			
5	64QAM	12	0	19.75	19.62	19.63	21	3	
5	64QAM	12	7	19.57	19.71	19.69			
5	64QAM	12	13	19.67	19.66	19.87	21	3	
5	64QAM	25	0	19.67	19.68	19.69			
5	256QAM	1	0	17.73	17.61	17.61	19	5	
5	256QAM	1	12	17.66	17.77	17.73			
5	256QAM	1	24	17.67	17.59	17.85	19	5	
5	256QAM	12	0	17.43	17.74	17.73			
5	256QAM	12	13	17.60	17.74	17.69	19	5	
5	256QAM	12	13	17.61	17.63	17.58			
5	256QAM	25	0	17.79	17.66	17.61	19	5	
Channel									
3	QPSK	1	0	22.67	22.77	22.56	24	0	
3	QPSK	1	8	22.52	22.72	22.52			
3	QPSK	1	14	22.39	22.56	22.62	24	0	
3	QPSK	8	0	21.68	21.76	21.84			
3	QPSK	8	4	21.60	21.89	21.71	23	1	
3	QPSK	8	7	21.83	21.59	21.55			
3	QPSK	15	0	21.61	21.68	21.72	23	1	
3	16QAM	1	0	21.68	21.89	21.81			
3	16QAM	1	8	21.58	21.67	21.73	23	1	
3	16QAM	1	14	21.70	21.61	21.96			
3	16QAM	8	0	20.71	20.69	20.84	22	2	
3	16QAM	8	4	20.71	20.71	20.74			
3	16QAM	15	0	20.80	20.74	20.74	22	2	
3	16QAM	15	8	20.80	20.74	20.74			
3	16QAM	15	14	20.73	20.68	20.63	22	2	
3	16QAM	15	14	20.73	20.68	20.63			
3	16QAM	8	0	19.77	19.55	19.84	21	3	
3	16QAM	8	4	19.78	19.57	19.84			
3	16QAM	8	7	19.96	19.60	19.61	21	3	
3	16QAM	15	0	19.71	19.66	19.76			
3	256QAM	1	0	17.68	17.60	17.62	19	5	
3	256QAM	1	8	17.86	17.73	17.72			
3	256QAM	1	14	17.62	17.70	17.71	19	5	
3	256QAM	1	20	17.62	17.62	17.62			
3	256QAM	8	0	17.48	17.70	17.71	19	5	
3	256QAM	8	4	17.48	17.69	17.69			
3	256QAM	8	7	17.81	17.73	17.76	19	5	
3	256QAM	15	0	17.74	17.74	17.74			
Channel									
1.4	QPSK	1	0	22.73	22.91	22.63	24	0	
1.4	QPSK	1	8	22.62	22.89	22.63			
1.4	QPSK	1	14	22.66	22.86	22.63	24	0	
1.4	QPSK	3	0	22.78	22.68	22.68			
1.4	QPSK	3	1	22.51	22.68	22.68	24	0	
1.4	QPSK	3	1	22.51	22.68	22.68			
1.4	QPSK	6	0	21.63	21.76	21.75	23	1	
1.4	QPSK	6	0	21.78	21.62	21.63			
1.4	QPSK	6	1	21.58	21.89	21.72	23	1	
1.4	QPSK	6	5	21.65	21.69	21.59			
1.4	16QAM	1	0	21.72	21.83	21.91	23	1	
1.4	16QAM	1	1	21.62	21.66	21.61			
1.4	16QAM	3	1	21.77	21.69	21.75	22	2	
1.4	16QAM	3	1	21.64	21.64	21.64			
1.4	16QAM	3	1	20.87	20.86	20.92	22	2	
1.4	16QAM	3	1	20.54	20.61	20.60			
1.4	16QAM	3	1	20.61	20.81	20.85	22	2	
1.4	16QAM	6	0	20.68	20.68	20.68			
1.4	16QAM	6	0	19.52	19.65	19.72	21	3	
1.4	16QAM	6	1	17.80	17.87	17.87			
1.4	16QAM	6	1	17.85	17.76	17.84	21	3	
1.4	16QAM	6	5	17.71	17.65	17.76			
1.4	16QAM	6	5	17.69	17.69	17.69	21	3	
1.4	16QAM	6	5	17.65	17.63	17.73			
1.4	256QAM	3	1	17.73	17.71	17.54	19	5	
1.4	256QAM	3	1	17.64	17.61	17.61			

LTE Band 12 Ant 1														
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / ZC	Middle Ch. / ZC	High Ch. / ZC	Tune-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
10	QPSK	1	0	23.92	24.03	23.98	25	0						
10	QPSK	1	25	23.90	23.91	23.96								
10	QPSK	1	49	23.81	23.87	23.89	24	1						
10	QPSK	25	0	23.02	23.04	22.83								
10	QPSK	25	12	22.86	22.91	22.87	23	2						
10	QPSK	25	25	22.98	22.99	22.85								
10	QPSK	50	0	23.00	23.01	22.95	24	1						
10	16QAM	1	25	23.04	22.94	22.98								
10	16QAM	1	25	23.02	22.93	22.99	23	1						
10	16QAM	1	49	23.04	22.96	22.98								
10	16QAM	25	0	22.96	22.97	22.13	23	2						
10	16QAM	25	12	22.16	22.12	22.24								
10	16QAM	25	25	22.51	22.52	22.35	23	2						
10	16QAM	50	0	22.10	22.20	22.22								
10	64QAM	1	0	22.20	22.20	22.22	23	2						
10	64QAM	1	25	22.22	22.34	22.14								
10	64QAM	1	49	22.28	22.34	22.20	22	3						
10	64QAM	25	0	21.01	20.90	21.04								
10	64QAM	25	12	20.93	20.94	20.93	20	5						
10	64QAM	25	25	21.02	20.97	21.00								
10	64QAM	50	0	20.98	20.89	21.02	20	5						
10	256QAM	1	49	19.22	19.12	19.19								
10	256QAM	1	25	19.16	19.09	19.01	20	5						
10	256QAM	1	49	19.17	19.05	19.05								
10	256QAM	25	0	19.12	19.09	19.15	20	5						
10	256QAM	25	12	19.21	19.04	19.01								
10	256QAM	25	25	19.05	18.93	19.03	20	5						
10	256QAM	50	0	19.05	19.20	19.20								
Channel														
Frequency (MHz)														
5	QPSK	1	0	23.70	23.97	23.90	25	0						
5	QPSK	1	12	23.78	23.89	23.95								
5	QPSK	1	24	23.72	23.75	23.79	24	1						
5	QPSK	12	0	22.82	22.94	22.77								
5	QPSK	12	7	22.87	22.88	22.87	24	1						
5	QPSK	12	13	22.98	22.79	22.72								
5	QPSK	25	0	22.97	22.98	22.93	24	1						
5	16QAM	1	25	22.85	22.83	22.86								
5	16QAM	1	12	23.03	22.71	22.93	23	2						
5	16QAM	1	24	22.85	22.91	22.80								
5	16QAM	12	0	22.90	22.92	22.13	23	2						
5	16QAM	12	7	22.00	21.97	22.03								
5	16QAM	12	13	22.32	22.05	22.34	23	2						
5	16QAM	25	0	22.00	22.21	22.10								
5	64QAM	1	0	22.04	22.19	22.14	23	2						
5	64QAM	1	12	22.08	22.25	21.95								
5	64QAM	1	24	22.10	22.35	22.03	23	2						
5	64QAM	12	0	20.95	20.83	20.87								
5	64QAM	12	7	20.94	20.98	20.86	20	5						
5	64QAM	12	13	20.84	20.88	20.86								
5	64QAM	25	0	20.94	20.72	20.81	20	5						
5	256QAM	1	0	19.17	18.99	19.12								
5	256QAM	1	12	19.98	19.04	19.94	20	5						
5	256QAM	1	24	19.15	18.90	18.97								
5	256QAM	12	0	19.14	19.02	19.02	20	5						
5	256QAM	12	7	19.09	18.88	19.00								
5	256QAM	12	13	19.15	18.88	18.93	20	5						
5	256QAM	25	0	19.06	19.04	19.04								
Channel														
Frequency (MHz)														
3	QPSK	1	0	23.76	23.86	23.93	25	0						
3	QPSK	1	8	23.73	23.71	23.85								
3	QPSK	1	14	23.75	23.72	23.80	24	1						
3	QPSK	8	0	22.81	23.00	22.64								
3	QPSK	8	4	22.69	23.02	22.77	24	1						
3	QPSK	8	22	22.81	22.89	22.86								
3	QPSK	15	0	22.84	22.88	22.88	24	1						
3	16QAM	1	0	22.99	22.75	22.76								
3	16QAM	1	24	22.83	22.87	22.92	23	2						
3	16QAM	1	14	22.94	22.97	22.76								
3	16QAM	8	0	22.26	22.09	22.19	23	2						
3	16QAM	8	8	22.14	22.10	22.10								
3	16QAM	8	7	22.19	22.13	22.35	23	2						
3	16QAM	15	0	22.00	22.19	22.09								
3	64QAM	1	0	22.07	22.00	22.23	22	3						
3	64QAM	1	8	22.13	22.14	22.12								
3	64QAM	1	14	22.16	22.22	22.13	20	5						
3	64QAM	8	0	20.81	20.81	20.95								
3	64QAM	8	4	20.71	20.94	20.80	20	3						
3	64QAM	8	7	20.83	20.86	20.99								
3	64QAM	15	0	20.85	20.87	20.84	20	5						
3	256QAM	1	0	19.00	18.96	19.06								
3	256QAM	1	8	19.12	18.95	18.90	20	5						
3	256QAM	1	14	19.03	18.93	18.93								
3	256QAM	8	0	19.13	18.95	18.93	20	5						
3	256QAM	8	7	19.13	18.98	19.02								
3	256QAM	15	0	19.08	19.02	19.19	20	5						
3	256QAM	15	0	19.07	19.02	19.17								
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	23.61	23.61	23.50	25	0						
1.4	QPSK	1	3	23.61	23.74	23.98								
1.4	QPSK	1	5	23.61	23.74	23.98	24	1						
1.4	QPSK	3	1	23.73	24.02	23.71								
1.4	QPSK	3	1	23.85	23.62	23.65	24	1						
1.4	QPSK	3	2	23.67	23.81	23.66								
1.4	QPSK	6	0	22.80	22.85	22.67	24	1						
1.4	16QAM	1	0	22.78	22.81	22.65								
1.4	16QAM	1	3	22.75	22.77	22.83	24	1						
1.4	16QAM	1	5	22.74	22.61	23.05								
1.4	16QAM	3	0	22.99	23.05	22.83	23	2						
1.4	16QAM	3	2	22.95	22.85	22.57								
1.4	16QAM	3	3	22.87	22.82	22.85	23	2						
1.4	16QAM	3	6	22.03	22.07	21.70								
1.4	64QAM	1	0	21.89	21.66	22.02	23	2						
1.4	64QAM	1	3	21.90	21.75	21.78								
1.4	64QAM	3	0	21.83	22.02	21.81	22	3						
1.4	64QAM	3	2	22.05	22.07	21.83								
1.4	64QAM	3	1	21.82	21.76	22.14	20	5						
1.4	64QAM	6	0	21.86	21.86	21.96								
1.4	64QAM	6	0	20.81	20.80	20.69	22	3						
1.4	256QAM	1	0	18.85	18.81	18.99								
1.4	256QAM	1	3	18.86	18.97	18.77	20	5						
1.4	256QAM	1	5	18.86	18.97	18.77								
1.4	256QAM	6	0	18.79	18.07	18.84	20	5						
1.4	256QAM	6	3	18.80	18.08	18.74								
1.4	256QAM	6	6	18.80	18.08	18.74	20	5						
1.4	256QAM	6	9	18.80	18.08	18.74								
1.4	256QAM	3	3	19.04	18.81	18.94	20	5						
1.4	256QAM	3	6	19.04	18.81	18.94								

LTE Band 25 Ant 1														
BW [MHz]	Modulation n	RB Size	RB Offset	Low Ch / 20MHz	Middle Ch / 20MHz	High Ch / 20MHz	Tuneup limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	49	22.83	22.90	22.89	24	0	23	1				
20	QPSK	1	99	22.76	22.91	22.88								
20	QPSK	50	0	22.00	22.03	21.98								
20	QPSK	50	24	21.80	21.93	21.87								
20	QPSK	50	50	22.02	21.98	21.82								
20	QPSK	100	0	21.81	21.91	21.85								
20	16QAM	1	49	21.84	21.86	21.87								
20	16QAM	1	99	21.89	22.00	21.84								
20	16QAM	50	0	20.90	20.78	20.79								
20	16QAM	50	24	20.90	20.90	20.75								
20	16QAM	50	50	20.74	20.70	20.81								
20	16QAM	100	0	20.96	20.95	20.92								
20	64QAM	1	49	20.81	20.91	20.90								
20	64QAM	1	99	20.88	20.92	20.81								
20	64QAM	50	0	19.88	19.86	19.96								
20	64QAM	50	24	19.78	19.86	19.73								
20	64QAM	50	50	19.95	19.89	19.79								
20	256QAM	1	49	19.72	19.77	17.78								
20	256QAM	1	99	17.77	17.80	17.86								
20	256QAM	50	0	17.84	17.84	17.79								
20	256QAM	50	24	17.86	17.98	17.85								
20	256QAM	50	50	17.86	17.85	17.83								
20	256QAM	100	0	17.87	17.97	17.91								
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.65	22.83	22.88					24	0	23	1
15	QPSK	1	37	22.69	22.78	22.68								
15	QPSK	1	74	22.74	22.73	22.63								
15	QPSK	36	0	21.82	21.98	21.81								
15	QPSK	36	20	21.81	21.73	21.79								
15	QPSK	36	39	22.00	21.91	21.68								
15	QPSK	75	0	21.82	21.88	21.65								
15	16QAM	1	37	21.73	21.75	21.75								
15	16QAM	1	37	21.67	21.84	21.79								
15	16QAM	1	74	21.84	21.90	21.95								
15	16QAM	36	0	17.82	17.77	17.79								
15	16QAM	36	20	20.80	20.88	20.05								
15	16QAM	36	39	20.54	20.66	20.87								
15	16QAM	75	0	20.81	20.60	20.77								
15	64QAM	1	0	20.96	20.79	20.99								
15	64QAM	1	37	20.62	20.87	20.89								
15	64QAM	1	74	20.90	20.87	20.80								
15	64QAM	36	0	19.72	19.69	19.69								
15	64QAM	36	20	19.76	19.75	19.66								
15	64QAM	36	39	19.84	19.75	19.53								
15	64QAM	75	0	19.74	19.95	19.78								
15	256QAM	1	37	17.74	17.75	17.80								
15	256QAM	1	74	17.74	17.78	17.79								
15	256QAM	36	0	17.83	17.64	17.64								
15	256QAM	36	20	17.86	17.93	17.77								
15	256QAM	36	39	17.97	17.83	17.73								
15	256QAM	75	0	17.85	17.82	17.79								
Channel														
Frequency (MHz)														
10	QPSK	1	0	22.85	22.81	22.83	24	0	23	1				
10	QPSK	1	25	22.63	22.81	22.89								
10	QPSK	1	49	22.56	22.81	22.78								
10	QPSK	25	0	21.87	21.87	21.82								
10	QPSK	25	12	21.65	21.71	21.72								
10	QPSK	25	25	21.63	21.63	21.63								
10	QPSK	50	0	21.63	21.70	21.67								
10	16QAM	1	0	21.68	21.88	21.78								
10	16QAM	1	25	21.72	21.80	21.72								
10	16QAM	1	49	21.89	21.78	21.96								
10	16QAM	25	0	20.75	20.72	20.76								
10	16QAM	25	12	20.75	20.67	20.65								
10	16QAM	50	0	20.80	20.69	20.69								
10	64QAM	1	0	20.80	20.85	20.85								
10	64QAM	1	25	20.67	20.73	20.79								
10	64QAM	1	49	20.84	20.94	20.87								
10	64QAM	25	0	19.68	19.88	19.84								
10	64QAM	25	12	19.71	19.88	19.84								
10	64QAM	25	25	19.83	19.87	19.77								
10	64QAM	50	0	19.71	19.79	19.70								
10	256QAM	1	0	17.72	17.66	17.61								
10	256QAM	1	25	17.78	17.75	17.75								
10	256QAM	1	49	17.66	17.63	17.60								
10	256QAM	25	0	17.85	17.85	17.82								
10	256QAM	25	12	17.85	17.85	17.82								
10	256QAM	25	25	17.78	17.80	17.83								
10	256QAM	50	0	17.87	17.82	17.81								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.67	22.70	22.75	24	0	23	1				
5	QPSK	1	12	22.68	22.72	22.88								
5	QPSK	1	24	22.73	22.73	22.72								
5	QPSK	12	0	21.88	21.88	21.87								
5	QPSK	12	7	21.79	21.73	21.82								
5	QPSK	12	19	21.86	21.78	21.87								
5	QPSK	25	0	21.67	21.74	21.72								
5	16QAM	1	0	21.63	21.87	21.89								
5	16QAM	1	12	21.75	21.81	21.88								
5	16QAM	1	24	21.81	21.84	21.84								
5	16QAM	12	0	20.75	20.67	20.80								
5	16QAM	12	7	20.88	20.74	20.87								
5	16QAM	12	13	20.62	20.80	20.73								
5	16QAM	25	0	20.80	20.78	20.83								
5	64QAM	1	0	20.86	20.76	20.74								
5	64QAM	1	12	20.62	20.91	20.87								
5	64QAM	1	24	20.80	20.80	20.80								
5	64QAM	12	0	19.74	19.87	19.87								
5	64QAM	12	7	19.61	19.87	19.71								
5	64QAM	12	13	19.82	19.87	19.87								
5	64QAM	25	0	19.63	19.91	19.81								
5	256QAM	1	0	17.67	17.62	17.61								
5	256QAM	1	12	17.79	17.75	17.66								
5	256QAM	1	24	17.70	17.80	17.93								
5	256QAM	12	0	17.63	17.66	17.61								
5	256QAM	12	7	17.77	17.60	17.75								
5	256QAM	12	13	17.84	17.83	17.67								
5	256QAM	25	0	17.72	17.84	17.84								
Channel														
Frequency (MHz)														
3	QPSK	1	4	22.66	22.86	22.83	24	0	23	1				
3	QPSK	1	8	22.59	22.86	22.87								
3	QPSK	1	12	22.64	22.82	22.81								
3	QPSK	8	0	21.93	22.05	21.91								
3	QPSK	8	4	21.71	21.83	21.74								
3	QPSK	8	8	21.92	21.87	21.82								
3	QPSK	15	0	21.74	21.77	21.68								
3	QPSK	15	4	21.61	21.73	21.61								
3	QPSK	15	8	21.91	21.79	21.95								
3	16QAM	1	14	21.71	21.87	21.93								
3	16QAM	1	18	20.74	20.74	20.81								
3	16QAM	8	4	20.91	20.95	20.82								
3	16QAM	8	7	20.63	20.72	20.80								
3	16QAM	15	0	20.66	20.66	20.72								
3	16QAM	15	4	20.74	20.67	20.72								
3	16QAM	15	8	20.66	20.88	20.82								
3	16QAM	15	12	20.79	20.79	20.80								
3	16QAM	8	0	19.68	19.87	19.82								
3	16QAM	8	4	19.64	19.73	19.65								
3	16QAM	8	7	19.67	19.87	19.67								
3	16QAM	15	0	19.54	19.84	19.75								
3	256QAM	1	14	17.60	17.61	17.61								
3	256QAM	1	18	17.79	17.75	17.65								
3	256QAM	8	4	17.79	17.75	17.65								
3	256QAM	8	7	17.84	17.77	17.78								
3	256QAM	15	0	17.83	17.80	17.69								
3	256QAM	15	4	17.83	17.83	17.69								
3	256QAM	15	8	17.79	17.81	17.62								
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	22.70	22.73	22.69	24	0	23	1				
1.4	QPSK	1	3	22.63	22.71	22.80								
1.4	QPSK	1	5	22.65	22.92	22.82								
1.4	QPSK	3	0	22.71	22.78	22.80								
1.4	QPSK	3	3	22.77	22.69	22.85								
1.4	QPSK	6	0	21.68	21.76	21.76								
1.4	16QAM	1	0	21.68	21.79	21.94								
1.4	16QAM	1	3	21.69	21.98	21.94								
1.4	16QAM	1	5	21.84	21.82	21.89								
1.4	16QAM	3	0	21.99	21.92	21.82								
1.4	16QAM	3	3	21.96	21.96	21.86								
1.4	16QAM	3	5	21.86	21.90	21.72								
1.4	16QAM	6	0	20.74	20.67	20.82								
1.4	16QAM	6	3	20.74	20.67	20.82								
1.4	16QAM	6	5	20.66	20.88	20.82								
1.4	16QAM	6	7	20.79	20.79	20.80								
1.4	16QAM	8	0	19.68	19.87	19.82								
1.4	16QAM	8	3	19.64	19.73	19.65								
1.4	16QAM	8	5	19.67	19.87	19.67								
1.4	16QAM	15	0	19.54	19.84	19.75								
1.4	256QAM	1	14	17.60	17.61	17.61								
1.4	256QAM	1	18	17.79	17.75	17.65								
1.4	256QAM	8	4	17.79	17.75	17.65								
1.4	256QAM	8	7	17.84	17.77	17.78								
1.4	256QAM	15	0	17.83	17.80	17.69								
1.4	256QAM	15	4	17.83	17.83	17.69								
1.4	256QAM	15	8	17.79	17.81	17.62								

LTE Band 66 Ant 1														
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / 15000	Middle Ch. / 15000	High Ch. / 15000	Tune-up limit (dBm)	MPR (dB)						
Channel 13002 1702 1745 1790														
Frequency (MHz)														
20	QPSK	1	0	22.87	23.03	22.92	24	0	25	0				
20	QPSK	1	49	22.87	22.92	22.92								
20	QPSK	1	99	22.93	22.92	22.90								
20	QPSK	50	0	22.03	22.05	21.95								
20	QPSK	50	24	21.85	21.82	22.03	23	1	24	1				
20	QPSK	50	50	22.01	21.91	22.01								
20	QPSK	100	0	22.00	22.04	21.99								
20	16QAM	1	0	22.08	22.08	22.07								
20	16QAM	1	49	22.11	22.04	22.05	23	1	24	1				
20	16QAM	1	99	22.08	21.94	22.13								
20	16QAM	50	0	20.90	21.01	20.99								
20	16QAM	50	24	20.96	21.06	20.99								
20	16QAM	50	50	20.82	20.91	20.91	22	2	23	2				
20	16QAM	100	0	20.90	20.95	20.95								
20	64QAM	1	0	20.90	20.86	20.86								
20	64QAM	1	49	21.04	21.03	20.96								
20	64QAM	1	99	20.93	20.96	20.98	21	3	22	3				
20	64QAM	50	0	19.98	19.99	19.94								
20	64QAM	50	24	19.97	19.97	19.94								
20	64QAM	50	50	19.94	19.91	19.95								
20	64QAM	100	0	19.89	19.97	19.96	19	5	20	5				
20	256QAM	1	0	17.94	17.88	17.96								
20	256QAM	1	49	18.01	17.95	17.88								
20	256QAM	1	99	17.97	17.99	17.88								
20	256QAM	50	0	17.97	17.91	17.95	19	5	20	5				
20	256QAM	50	24	17.83	17.89	18.08								
20	256QAM	50	50	17.93	18.10	17.92								
20	256QAM	100	0	18.08	17.93	17.93								
Channel 13047 1745 1788 1831														
Frequency (MHz)														
15	QPSK	1	0	22.79	22.82	22.89	24	0	25	0				
15	QPSK	1	37	22.72	22.81	22.85								
15	QPSK	1	74	22.84	22.87	22.72								
15	QPSK	36	0	21.90	22.02	21.91								
15	QPSK	36	20	21.88	21.73	21.83	23	1	24	1				
15	QPSK	36	39	21.98	21.75	21.83								
15	QPSK	75	0	22.01	21.84	21.86								
15	16QAM	1	0	22.04	22.02	21.96								
15	16QAM	1	37	21.96	21.91	22.02	23	1	24	1				
15	16QAM	1	74	22.06	21.86	22.14								
15	16QAM	36	0	20.82	20.85	20.88								
15	16QAM	36	20	20.78	21.03	20.89								
15	16QAM	36	39	20.82	20.79	20.79	22	2	23	2				
15	16QAM	75	0	20.69	20.70	20.89								
15	64QAM	1	0	20.77	20.69	20.70								
15	64QAM	1	37	20.80	20.85	20.75								
15	64QAM	1	74	20.74	20.82	20.86	21	3	22	3				
15	64QAM	36	0	19.96	19.96	19.78								
15	64QAM	36	20	19.96	19.94	19.96								
15	64QAM	36	39	19.98	19.74	19.98								
15	64QAM	75	0	19.86	19.85	19.83	19	5	20	5				
15	256QAM	1	37	18.03	17.80	17.86								
15	256QAM	1	74	17.76	17.91	17.86								
15	256QAM	36	0	17.77	17.81	17.86								
15	256QAM	36	20	17.72	17.83	18.00	19	5	20	5				
15	256QAM	36	39	17.74	17.90	17.70								
15	256QAM	75	0	17.86	17.75	17.81								
15	256QAM	75	0	17.86	17.75	17.81								
Channel 13062 1802 1845 1888														
Frequency (MHz)														
10	QPSK	1	0	22.79	22.90	22.84	24	0	25	0				
10	QPSK	1	25	22.88	22.89	22.89								
10	QPSK	1	49	22.81	22.73	22.81								
10	QPSK	25	0	21.85	21.88	21.91								
10	QPSK	25	12	21.73	21.87	21.88	23	1	24	1				
10	QPSK	25	12	21.82	21.81	22.03								
10	QPSK	50	0	21.87	21.92	21.76								
10	QPSK	50	0	22.08	22.07	22.04								
10	16QAM	1	0	22.04	21.89	22.01	23	1	24	1				
10	16QAM	1	49	21.95	21.86	21.95								
10	16QAM	25	0	20.86	20.84	20.86								
10	16QAM	25	12	20.78	20.99	20.80								
10	16QAM	25	25	20.64	20.76	20.91	22	2	23	2				
10	16QAM	50	0	20.86	20.77	20.75								
10	64QAM	1	0	20.86	20.74	20.85								
10	64QAM	1	25	21.05	20.98	20.89								
10	64QAM	1	49	20.76	20.85	20.99	21	3	22	3				
10	64QAM	25	0	19.81	19.77	19.78								
10	64QAM	25	12	19.82	19.92	19.94								
10	64QAM	25	25	19.88	19.91	19.82								
10	64QAM	50	0	19.76	19.88	19.76	19	5	20	5				
10	256QAM	1	0	17.89	17.87	17.75								
10	256QAM	1	25	18.00	17.73	17.87								
10	256QAM	1	49	17.92	17.76	17.75								
10	256QAM	25	0	17.84	17.85	17.87	19	5	20	5				
10	256QAM	25	12	17.82	17.92	17.91								
10	256QAM	25	25	17.91	17.94	17.72								
10	256QAM	50	0	17.85	17.75	17.76								
Channel 13167 1852 1895 1938														
Frequency (MHz)														
5	QPSK	1	0	22.77	22.88	22.83	24	0	25	0				
5	QPSK	1	12	22.76	22.74	22.72								
5	QPSK	1	24	22.77	22.72	22.80								
5	QPSK	12	0	22.00	22.05	21.74								
5	QPSK	12	7	21.84	21.82	21.81	23	1	24	1				
5	QPSK	12	13	21.86	21.70	21.81								
5	QPSK	25	0	22.01	21.98	21.88								
5	16QAM	1	0	21.92	22.00	22.07								
5	16QAM	1	12	21.08	21.88	22.03	23	1	24	1				
5	16QAM	1	24	22.02	21.77	22.05								
5	16QAM	12	0	20.73	20.92	20.99								
5	16QAM	12	13	20.78	20.71	20.77								
5	16QAM	12	13	20.83	20.87	20.80	22	2	23	2				
5	16QAM	25	0	20.69	20.82	20.96								
5	64QAM	1	0	20.92	20.69	20.77								
5	64QAM	1	12	20.98	21.01	20.97								
5	64QAM	1	24	20.88	20.95	20.96	21	3	22	3				
5	64QAM	12	0	19.90	19.87	19.83								
5	64QAM	12	7	19.88	19.75	19.82								
5	64QAM	12	13	19.95	19.83	19.85								
5	256QAM	1	0	17.94	17.72	17.83	19	5	20	5				
5	256QAM	1	12	17.75	17.80	17.79								
5	256QAM	1	24	17.91	17.83	17.85								
5	256QAM	12	0	17.94	17.97									

LTE Band 38 Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / 3750	Power Middle Ch / 3815	Power High Ch / 38150	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	QPSK	1	0	2149	2152	2147	23	0			
20	QPSK	1	49	2134	2147	2148					
20	QPSK	1	99	2131	2150	2148					
20	QPSK	50	0	2056	2066	2046					
20	QPSK	50	24	2057	2061	2060	22	1			
20	QPSK	50	50	2064	2063	2051					
20	QPSK	100	0	2057	2064	2062					
20	16QAM	1	0	2064	2065	2045					
20	16QAM	1	49	2061	2056	2058	22	1			
20	16QAM	1	99	2058	2054	2062					
20	16QAM	50	0	1949	1942	1940					
20	16QAM	50	24	1955	1952	1939					
20	16QAM	50	50	1946	1955	1954	21	2			
20	16QAM	100	0	1940	1940	1950					
20	64QAM	1	0	1937	1939	1939					
20	64QAM	1	49	1932	1942	1941					
20	64QAM	1	99	1930	1949	1951	21	2			
20	64QAM	50	0	1837	1846	1851					
20	64QAM	50	24	1854	1853	1836					
20	64QAM	50	50	1841	1849	1845					
20	64QAM	100	0	1841	1847	1845	20	3			
20	256QAM	1	0	1660	1656	1651					
20	256QAM	1	49	1641	1653	1656					
20	256QAM	1	99	1644	1651	1659					
20	256QAM	50	0	1645	1651	1660	18	5			
20	256QAM	50	24	1654	1650	1645					
20	256QAM	50	50	1655	1657	1642					
20	256QAM	100	0	1652	1641	1641					
Channel											
Frequency (MHz)											
15	QPSK	1	0	2142	2132	2122	23	0			
15	QPSK	1	37	2118	2135	2135					
15	QPSK	1	74	2124	2143	2144					
15	QPSK	36	0	2058	2048	2045					
15	QPSK	36	20	2058	2063	2046	22	1			
15	QPSK	36	39	2040	2055	2055					
15	QPSK	75	0	2051	2053	2060					
15	16QAM	1	0	2049	2051	2044					
15	16QAM	1	37	2042	2044	2036	22	1			
15	16QAM	1	74	2041	2044	2084					
15	16QAM	36	0	1932	1944	1927					
15	16QAM	36	20	1938	1947	1931					
15	16QAM	36	39	1932	1945	1946	21	2			
15	16QAM	75	0	1925	1935	1935					
15	64QAM	1	0	1937	1923	1930					
15	64QAM	1	37	1937	1947	1932					
15	64QAM	1	74	1939	1940	1941	21	2			
15	64QAM	36	0	1822	1831	1840					
15	64QAM	36	20	1834	1838	1824					
15	64QAM	36	39	1829	1834	1836					
15	64QAM	75	0	1833	1834	1824	20	3			
15	256QAM	1	0	1658	1647	1650					
15	256QAM	1	37	1642	1638	1655					
15	256QAM	1	74	1623	1632	1643					
15	256QAM	36	0	1631	1634	1651	18	5			
15	256QAM	36	20	1634	1632	1644					
15	256QAM	36	39	1649	1618	1642					
15	256QAM	75	0	1640	1637	1639					
Channel											
Frequency (MHz)											
10	QPSK	1	0	2130	2136	2126	23	0			
10	QPSK	1	25	2122	2144	2144					
10	QPSK	1	49	2112	2146	2132					
10	QPSK	25	0	2053	2066	2040					
10	QPSK	25	12	2056	2059	2039	22	1			
10	QPSK	25	25	2053	2061	2051					
10	QPSK	50	0	2056	2043	2054					
10	16QAM	1	0	2061	2050	2040					
10	16QAM	1	25	2057	2046	2057	22	1			
10	16QAM	1	49	2057	2048	2057					
10	16QAM	25	0	1950	1939	1923					
10	16QAM	25	12	1945	1940	1941					
10	16QAM	25	25	1942	1940	1939	21	2			
10	16QAM	50	0	1939	1932	1936					
10	64QAM	1	0	1929	1932	1920					
10	64QAM	1	25	1943	1937	1941					
10	64QAM	1	49	1935	1929	1942	21	2			
10	64QAM	25	0	1819	1844	1852					
10	64QAM	25	12	1854	1832	1837					
10	64QAM	25	25	1836	1847	1826					
10	64QAM	50	0	1835	1840	1829	20	3			
10	256QAM	1	0	1645	1637	1633					
10	256QAM	1	25	1626	1638	1636					
10	256QAM	1	49	1629	1632	1650					
10	256QAM	25	0	1633	1647	1660	18	5			
10	256QAM	25	12	1654	1641	1632					
10	256QAM	25	25	1651	1629	1640					
10	256QAM	50	0	1640	1624	1621					
Channel											
Frequency (MHz)											
5	QPSK	1	0	2142	2131	2147	23	0			
5	QPSK	1	12	2133	2145	2142					
5	QPSK	1	24	2128	2134	2142					
5	QPSK	12	0	2040	2051	2031	22	1			
5	QPSK	12	7	2051	2063	2048					
5	QPSK	12	14	2052	2059	2037					
5	QPSK	25	0	2055	2054	2060					
5	16QAM	1	0	2050	2055	2047	22	1			
5	16QAM	1	12	2042	2049	2039					
5	16QAM	1	24	2043	2052	2042					
5	16QAM	12	0	1950	1942	1933					
5	16QAM	12	7	1951	1952	1931	21	2			
5	16QAM	12	14	1948	1948	1933					
5	16QAM	25	0	1927	1934	1941					
5	64QAM	1	0	1919	1918	1919					
5	64QAM	1	12	1931	1947	1934	21	2			
5	64QAM	1	24	1930	1934	1931					
5	64QAM	12	0	1823	1843	1849					
5	64QAM	12	7	1840	1841	1828					
5	64QAM	12	13	1829	1842	1841	20	3			
5	64QAM	25	0	1820	1841	1840					
5	256QAM	1	0	1646	1649	1650					
5	256QAM	1	12	1627	1650	1651					
5	256QAM	12	0	1634	1636	1645	18	5			
5	256QAM	12	7	1639	1631	1640					
5	256QAM	12	13	1643	1639	1639					
5	256QAM	12	13	1652	1633	1627					

LTE Band 7 Other PA Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Low Ch. / RB	Middle Ch. / RB	High Ch. / RB	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.83	23.07	23.05	24	0	
20	QPSK	1	49	22.84	22.86	23.03			
20	QPSK	1	99	22.87	22.90	22.91	23	1	
20	QPSK	50	0	21.86	22.05	22.01			
20	QPSK	50	24	21.82	21.97	21.91	23	1	
20	QPSK	50	50	21.83	22.02	21.88			
20	QPSK	100	0	21.98	22.20	21.99	23	1	
20	16QAM	1	0	22.02	21.91	21.88			
20	16QAM	1	49	21.84	21.97	21.90	22	2	
20	16QAM	1	99	22.01	21.88	21.96			
20	16QAM	50	0	20.84	21.00	21.01	21	3	
20	16QAM	50	24	21.01	20.99	20.93			
20	16QAM	50	50	20.97	20.99	20.93	22	2	
20	16QAM	100	0	20.90	20.98	20.88			
20	64QAM	1	0	21.05	21.05	20.89	22	2	
20	64QAM	1	49	21.05	20.86	20.98			
20	64QAM	1	99	20.89	20.86	20.98	21	3	
20	64QAM	50	0	20.03	19.97	19.98			
20	64QAM	50	24	19.86	19.85	19.86	10	5	
20	64QAM	50	50	19.87	19.89	19.85			
20	64QAM	100	0	19.86	19.94	19.94	19	5	
20	256QAM	1	0	17.84	17.87	17.84			
20	256QAM	1	49	17.80	17.67	17.76	19	5	
20	256QAM	1	99	17.91	17.91	17.79			
20	256QAM	50	0	17.93	17.75	17.92	19	5	
20	256QAM	50	24	17.85	17.67	17.83			
20	256QAM	50	50	17.75	17.95	17.87	20	5	
20	256QAM	100	0	17.74	17.92	17.84			
Channel				20625	21100	21375	Tune-up limit	MPR (dB)	
Frequency (MHz)				25017.5	25375	25675			
15	QPSK	1	0	22.72	22.88	23.05	24	0	
15	QPSK	1	37	22.72	22.84	22.94			
15	QPSK	1	74	22.75	22.83	22.83	23	1	
15	QPSK	36	0	21.85	22.07	22.02			
15	QPSK	36	20	21.78	21.91	21.80	23	1	
15	QPSK	36	39	21.63	21.95	21.89			
15	QPSK	75	0	21.91	21.97	21.96	23	1	
15	16QAM	1	0	22.00	21.73	21.69			
15	16QAM	1	37	21.64	21.79	21.79	22	2	
15	16QAM	1	74	21.86	21.69	21.85			
15	16QAM	36	0	20.93	20.84	20.95	22	2	
15	16QAM	36	20	20.81	20.78	20.80			
15	16QAM	36	39	20.91	20.84	20.85	21	3	
15	16QAM	75	0	20.70	20.88	20.83			
15	64QAM	1	0	20.84	20.99	20.86	22	2	
15	64QAM	1	37	20.97	20.83	20.79			
15	64QAM	1	74	20.71	20.67	20.81	21	3	
15	64QAM	36	0	19.98	19.83	19.83			
15	64QAM	36	20	19.84	19.75	19.64	19	5	
15	64QAM	36	39	19.78	19.80	19.74			
15	64QAM	75	0	19.85	19.74	19.89	19	5	
15	256QAM	1	0	17.76	17.77	17.67			
15	256QAM	1	37	17.78	17.93	17.73	19	5	
15	256QAM	1	74	17.89	17.76	17.71			
15	256QAM	36	0	17.80	17.57	17.72	19	5	
15	256QAM	36	20	17.79	17.75	17.78			
15	256QAM	36	39	17.68	17.82	17.69	20	5	
15	256QAM	75	0	17.53	17.61	17.69			
Channel				20500	21100	21600	Tune-up limit	MPR (dB)	
Frequency (MHz)				25005	25335	25905			
10	QPSK	1	0	22.86	22.96	22.96	24	0	
10	QPSK	1	25	22.87	22.67	22.97			
10	QPSK	1	49	22.87	22.78	22.69	23	1	
10	QPSK	25	0	21.85	22.03	21.90			
10	QPSK	25	12	21.81	21.77	21.93	23	1	
10	QPSK	25	25	21.82	21.88	21.69			
10	QPSK	50	0	21.84	21.78	21.82	23	1	
10	16QAM	1	0	22.01	21.75	21.89			
10	16QAM	1	25	21.70	21.87	21.70	22	2	
10	16QAM	1	49	22.00	21.89	21.78			
10	16QAM	25	0	20.85	20.91	20.91	22	2	
10	16QAM	25	12	20.85	20.81	20.88			
10	16QAM	25	25	20.92	20.86	20.86	22	2	
10	16QAM	50	0	20.75	20.87	20.87			
10	64QAM	1	0	20.88	20.84	20.89	22	2	
10	64QAM	1	25	21.02	20.78	20.79			
10	64QAM	1	49	20.87	20.74	20.91	21	3	
10	64QAM	25	0	20.03	19.79	19.98			
10	64QAM	25	12	19.87	19.85	19.83	19	5	
10	64QAM	25	25	19.87	19.86	19.86			
10	64QAM	50	0	19.72	19.77	19.74	19	5	
10	256QAM	1	0	17.80	17.82	17.83			
10	256QAM	1	25	17.70	17.94	17.76	19	5	
10	256QAM	1	49	17.80	17.90	17.75			
10	256QAM	25	0	17.73	17.62	17.82	19	5	
10	256QAM	25	12	17.77	17.85	17.81			
10	256QAM	25	25	17.76	17.60	17.70	20	5	
10	256QAM	50	0	17.68	17.75	17.76			
Channel				20775	21100	21425	Tune-up limit	MPR (dB)	
Frequency (MHz)				25022.5	25325	25622.5			
5	QPSK	1	0	22.88	22.98	22.95	24	0	
5	QPSK	1	12	22.85	22.66	22.94			
5	QPSK	1	24	22.86	22.76	22.85	23	1	
5	QPSK	12	0	21.84	21.90	21.99			
5	QPSK	12	7	21.63	21.91	21.86	23	1	
5	QPSK	12	13	21.72	22.01	21.82			
5	QPSK	25	0	21.76	21.87	21.85	23	1	
5	16QAM	1	0	21.93	21.82	21.70			
5	16QAM	1	12	21.63	21.96	21.89	22	2	
5	16QAM	1	24	21.80	21.79	21.97			
5	16QAM	12	0	20.73	20.80	20.82	22	2	
5	16QAM	12	7	20.80	20.70	20.84			
5	16QAM	12	13	20.93	20.79	20.80	22	2	
5	16QAM	25	0	20.81	20.94	20.88			
5	64QAM	1	0	20.99	20.91	20.71	22	2	
5	64QAM	1	12	20.85	20.75	20.80			
5	64QAM	1	24	20.85	20.81	20.89	21	3	
5	64QAM	12	0	19.98	19.95	19.77			
5	64QAM	12	7	19.73	19.81	19.78	19	5	
5	64QAM	12	13	19.66	19.74	19.84			
5	64QAM	25	0	19.77	19.86	19.91	19	5	
5	256QAM	1	0	17.94	17.97	17.69			
5	256QAM	1	12	17.89	17.79	17.82	19	5	
5	256QAM	1	24	17.91	17.70	17.71			
5	256QAM	12	0	17.81	17.66	17.71	19	5	
5	256QAM	12	7	17.65	17.87	17.70			
5	256QAM	12	13	17.67	17.91	17.67	20	5	
5	256QAM	25	0	17.62	17.86	17.77			

LTE Band 30 Other PA Ant 2			
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LTE Band 38 Other PA Ant 2											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	QPSK	1	0	22.26	22.43	22.34	24	0			
20	QPSK	1	49	22.29	22.25	22.16					
20	QPSK	1	99	22.21	22.20	22.21	23	1			
20	QPSK	50	0	21.54	21.58	21.38					
20	QPSK	50	24	21.52	21.38	21.35	22	2			
20	QPSK	50	50	21.49	21.35	21.37					
20	QPSK	100	0	21.25	21.32	21.31	21	3			
20	16QAM	1	0	21.25	21.33	21.38					
20	16QAM	1	49	21.41	21.36	21.42	22	2			
20	16QAM	1	99	21.31	21.46	21.43					
20	16QAM	50	0	20.31	20.43	20.51	21	3			
20	16QAM	50	24	20.32	20.20	20.20					
20	16QAM	50	50	20.39	20.51	20.47	22	2			
20	16QAM	100	0	20.38	20.40	20.38					
20	64QAM	1	0	20.35	20.44	20.49	22	2			
20	64QAM	1	49	20.39	20.33	20.23					
20	64QAM	1	99	20.30	20.39	20.24	21	3			
20	64QAM	50	0	19.23	19.27	19.30					
20	64QAM	50	24	19.24	19.42	19.33	19	5			
20	64QAM	50	50	19.35	19.30	19.29					
20	64QAM	100	0	19.46	19.47	19.42	19	5			
20	256QAM	1	0	17.17	17.31	17.18					
20	256QAM	1	49	17.52	17.45	17.43	24	0			
20	256QAM	1	99	17.19	17.17	17.31					
20	256QAM	50	0	17.22	17.30	17.33	23	1			
20	256QAM	50	24	17.40	17.20	17.34					
20	256QAM	50	50	17.25	17.42	17.25	22	2			
20	256QAM	100	0	17.25	17.21	17.25					
Channel											
Frequency (MHz)											
15	QPSK	1	0	22.07	22.22	22.20	24	0			
15	QPSK	1	37	22.09	22.14	22.17					
15	QPSK	1	74	22.11	22.10	22.13	23	1			
15	QPSK	36	0	21.36	21.54	21.21					
15	QPSK	36	20	21.40	21.33	21.18	22	2			
15	QPSK	36	39	21.32	21.28	21.25					
15	QPSK	75	0	21.13	21.22	21.13	21	3			
15	16QAM	1	0	21.13	21.23	21.23					
15	16QAM	1	37	21.43	21.28	21.36	22	2			
15	16QAM	1	74	21.33	21.34	21.39					
15	16QAM	36	0	20.83	20.89	20.86	21	3			
15	16QAM	36	20	20.23	20.18	20.08					
15	16QAM	36	39	20.18	20.52	20.38	20	4			
15	16QAM	75	0	20.24	20.33	20.22					
15	16QAM	1	0	20.32	20.24	20.20	19	5			
15	16QAM	1	37	20.34	20.20	20.10					
15	64QAM	1	74	20.21	20.21	20.05	24	0			
15	64QAM	36	0	19.23	19.08	19.15					
15	64QAM	36	20	19.34	19.32	19.35	23	1			
15	64QAM	36	39	19.19	19.21	19.19					
15	64QAM	75	0	19.44	19.33	19.28	22	2			
15	256QAM	1	0	17.05	17.22	17.16					
15	256QAM	1	37	17.31	17.29	17.37	21	3			
15	256QAM	1	74	17.16	17.16	17.22					
15	256QAM	36	0	17.07	17.19	17.17	20	4			
15	256QAM	36	20	17.22	17.11	17.22					
15	256QAM	36	39	17.21	17.25	17.11	19	5			
15	256QAM	75	0	17.17	17.23	17.09					
Channel											
Frequency (MHz)											
10	QPSK	1	0	22.04	22.40	22.23	24	0			
10	QPSK	1	25	22.17	22.22	22.16					
10	QPSK	1	49	22.08	22.19	22.08	23	1			
10	QPSK	25	0	21.43	21.44	21.20					
10	QPSK	25	12	21.54	21.36	21.24	22	2			
10	QPSK	25	25	21.34	21.27	21.14					
10	QPSK	50	0	21.21	21.17	21.21	21	3			
10	16QAM	1	0	21.07	21.33	21.30					
10	16QAM	1	25	21.34	21.20	21.30	20	4			
10	16QAM	1	49	21.16	21.29	21.28					
10	16QAM	25	0	20.11	20.36	20.39	19	5			
10	16QAM	25	12	20.32	20.15	20.02					
10	16QAM	25	25	20.31	20.37	20.29	24	0			
10	16QAM	50	0	20.19	20.22	20.35					
10	64QAM	1	0	20.33	20.23	20.43	23	1			
10	64QAM	1	25	20.28	20.14	20.22					
10	64QAM	1	49	20.22	20.38	20.19	22	2			
10	64QAM	25	0	19.24	19.14	19.10					
10	64QAM	25	12	19.03	19.38	19.26	21	3			
10	64QAM	25	25	19.34	19.11	19.19					
10	64QAM	50	0	19.08	19.46	19.43	20	4			
10	256QAM	1	0	17.06	17.15	17.14					
10	256QAM	1	25	17.47	17.30	17.31	19	5			
10	256QAM	1	49	17.05	17.01	17.18					
10	256QAM	25	0	17.00	17.28	17.15	18	6			
10	256QAM	25	12	17.20	17.20	17.24					
10	256QAM	25	25	17.35	17.40	17.11	17	7			
10	256QAM	50	0	17.16	17.16	17.12					

LTE Band 42 Part 96 Ant 2														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / E-PCCH	Power Middle Ch. / F-PCCH	Power High Ch. / F-PCCH	Tune-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	23.61	23.67	23.62	25	0						
20	QPSK	1	49	23.52	23.62	23.42								
20	QPSK	1	99	23.43	23.55	23.48								
20	QPSK	50	0	22.44	22.64	22.44								
20	QPSK	50	24	22.62	22.49	22.60	24	1						
20	QPSK	50	50	22.49	22.57	22.51								
20	QPSK	100	0	22.51	22.63	22.58								
20	16QAM	1	0	22.56	22.42	22.43								
20	16QAM	1	49	22.59	22.46	22.47	24	1						
20	16QAM	1	99	22.62	22.50	22.53								
20	16QAM	50	0	21.55	21.43	21.65								
20	16QAM	50	24	21.53	21.54	21.62								
20	16QAM	50	50	21.43	21.60	21.52	23	2						
20	16QAM	100	0	21.53	21.54	21.56								
20	64QAM	1	0	21.53	21.45	21.43								
20	64QAM	1	49	21.52	21.38	21.60								
20	64QAM	1	99	21.43	21.49	21.65	22	3						
20	64QAM	50	0	20.43	20.45	20.50								
20	64QAM	50	24	20.47	20.55	20.48								
20	64QAM	50	50	20.63	20.56	20.46								
20	64QAM	100	0	20.54	20.53	20.59	20	5						
20	256QAM	1	0	18.61	18.72	18.70								
20	256QAM	1	49	18.65	18.74	18.67								
20	256QAM	1	99	18.67	18.58	18.71								
20	256QAM	50	0	18.77	18.65	18.76	20	5						
20	256QAM	50	24	18.71	18.77	18.63								
20	256QAM	50	50	18.74	18.67	18.65								
20	256QAM	100	0	18.64	18.77	18.60								
Channel														
Frequency (MHz)														
15	QPSK	1	0	23.52	23.54	23.45	25	0						
15	QPSK	1	37	23.46	23.59	23.28								
15	QPSK	1	74	23.32	23.41	23.35								
15	QPSK	36	0	22.30	22.57	22.36								
15	QPSK	36	20	22.55	22.40	22.52	24	1						
15	QPSK	36	39	22.40	22.46	22.44								
15	QPSK	75	0	22.41	22.57	22.52								
15	16QAM	1	0	22.50	22.34	22.30								
15	16QAM	1	37	22.44	22.35	22.40	24	1						
15	16QAM	1	74	22.53	22.37	22.48								
15	16QAM	36	0	21.48	21.31	21.57								
15	16QAM	36	20	21.41	21.41	21.45								
15	16QAM	36	39	21.29	21.52	21.42	23	2						
15	16QAM	75	0	21.40	21.40	21.45								
15	64QAM	1	0	21.41	21.31	21.33								
15	64QAM	1	37	21.42	21.47	21.45								
15	64QAM	1	74	21.33	21.34	21.56	22	3						
15	64QAM	36	0	20.33	20.36	20.37								
15	64QAM	36	20	20.38	20.40	20.43								
15	64QAM	36	39	20.56	20.42	20.37								
15	64QAM	75	0	20.47	20.43	20.45	20	5						
15	256QAM	1	0	18.46	18.57	18.64								
15	256QAM	1	37	18.60	18.61	18.58								
15	256QAM	1	74	18.60	18.49	18.64								
15	256QAM	36	0	18.69	18.57	18.65	20	5						
15	256QAM	36	20	18.62	18.71	18.55								
15	256QAM	36	39	18.61	18.61	18.46								
15	256QAM	75	0	18.52	18.69	18.50								
Channel														
Frequency (MHz)														
10	QPSK	1	0	23.51	23.59	23.56	25	0						
10	QPSK	1	25	23.44	23.52	23.31								
10	QPSK	1	49	23.33	23.48	23.36								
10	QPSK	25	0	22.29	22.55	22.32								
10	QPSK	25	12	22.55	22.36	22.48	24	1						
10	QPSK	25	25	22.43	22.47	22.35								
10	QPSK	50	0	22.42	22.52	22.47								
10	16QAM	1	0	22.45	22.29	22.32								
10	16QAM	1	25	22.52	22.40	22.35	24	1						
10	16QAM	1	49	22.51	22.38	22.46								
10	16QAM	25	0	21.45	21.28	21.59								
10	16QAM	25	12	21.44	21.48	21.49								
10	16QAM	25	25	21.38	21.32	21.46	23	2						
10	16QAM	50	0	21.42	21.41	21.47								
10	64QAM	1	0	21.47	21.35	21.29								
10	64QAM	1	25	21.41	21.48	21.53								
10	64QAM	1	49	21.34	21.42	21.58	22	3						
10	64QAM	25	0	20.31	20.31	20.35								
10	64QAM	25	12	20.41	20.45	20.40								
10	64QAM	25	25	20.57	20.42	20.38								
10	64QAM	50	0	20.48	20.41	20.46	20	5						
10	256QAM	1	0	18.55	18.66	18.63								
10	256QAM	1	25	18.52	18.59	18.54								
10	256QAM	1	49	18.50	18.46	18.65								
10	256QAM	25	0	18.68	18.56	18.67	20	5						
10	256QAM	25	12	18.60	18.65	18.52								
10	256QAM	25	25	18.62	18.57	18.46								
10	256QAM	50	0	18.51	18.72	18.50								
Channel														
Frequency (MHz)														
5	QPSK	1	0	23.55	23.61	23.40	25	0						
5	QPSK	1	12	23.30	23.56	23.25								
5	QPSK	1	24	23.29	23.50	23.35								
5	QPSK	12	0	22.38	22.50	22.31								
5	QPSK	12	7	22.56	22.37	22.47	24	1						
5	QPSK	12	13	22.41	22.50	22.41								
5	QPSK	25	0	22.44	22.49	22.49								
5	16QAM	1	0	22.48	22.29	22.36								
5	16QAM	1	12	22.53	22.39	22.37	24	1						
5	16QAM	1	24	22.54	22.40	22.41								
5	16QAM	12	0	21.42	21.36	21.39								
5	16QAM	12	7	21.40	21.48	21.57								
5	16QAM	12	13	21.32	21.51	21.40	23	2						
5	16QAM	25	0	21.40	21.41	21.50								
5	64QAM	1	0	21.45	21.34	21.33								
5	64QAM	1	12	21.46	21.49	21.48								
5	64QAM	1	24	21.28	21.41	21.54	22	3						
5	64QAM	12	0	20.36	20.30	20.40								
5	64QAM	12	7	20.37	20.44	20.43								
5	64QAM	12	13	20.51	20.42	20.41								
5	64QAM	25	0	20.45	20.45	20.50	20	5						
5	256QAM	1	0	18.55	18.61	18.36								
5	256QAM	1	12	18.52</										

LTE Band 43 Part 96 Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / F _{max}	Power Middle Ch / F _{max}	Power High Ch / F _{max}	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.67	23.92	23.83	25	0		
20	QPSK	1	49	23.79	23.74	23.84				
20	QPSK	1	99	23.65	23.89	23.87				
20	QPSK	50	0	22.85	23.01	22.97				
20	QPSK	50	24	22.79	22.94	22.88	24	1		
20	QPSK	50	50	22.63	22.86	22.85				
20	16QAM	1	0	22.86	22.79	22.88				
20	16QAM	1	49	22.86	22.89	22.89				
20	16QAM	1	99	22.84	22.81	22.91	23	2		
20	16QAM	50	0	21.81	21.82	21.80				
20	16QAM	50	24	21.69	21.76	21.74				
20	16QAM	50	50	21.75	21.78	21.67				
20	64QAM	1	49	21.84	21.84	21.66	23	2		
20	64QAM	1	99	21.73	21.72	21.79				
20	64QAM	50	0	20.78	20.74	20.72				
20	64QAM	50	24	20.80	20.87	20.85				
20	64QAM	50	50	20.89	20.88	20.75	22	3		
20	64QAM	100	0	20.78	20.83	20.84				
20	256QAM	1	49	18.93	19.01	18.92				
20	256QAM	1	99	18.88	18.89	18.87				
20	256QAM	50	0	18.90	19.02	18.89	20	5		
20	256QAM	50	24	18.87	19.04	18.93				
20	256QAM	50	50	18.89	19.06	18.94				
20	256QAM	100	0	19.03	19.00	18.94				
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.675	36.50	36.025	25	0		
15	QPSK	1	0	23.84	23.89	23.84	25	0		
15	QPSK	1	37	23.79	23.56	23.65				
15	QPSK	1	74	23.64	23.83	23.63				
15	QPSK	36	0	22.71	23.03	23.04				
15	QPSK	36	20	22.62	22.73	22.84	24	1		
15	QPSK	36	39	22.94	22.78	22.97				
15	QPSK	75	0	22.88	22.72	22.60				
15	16QAM	1	0	22.69	22.64	22.78				
15	16QAM	1	37	22.82	22.75	22.86	24	1		
15	16QAM	1	74	22.84	22.69	22.88				
15	16QAM	36	0	21.76	21.64	21.72				
15	16QAM	36	20	21.47	21.72	21.75				
15	16QAM	36	39	21.58	21.74	21.59	23	2		
15	16QAM	75	0	21.66	21.64	21.60				
15	64QAM	1	0	21.60	21.65	21.68				
15	64QAM	1	37	21.86	21.85	21.53				
15	64QAM	1	74	21.69	21.63	21.70	23	2		
15	64QAM	36	0	20.70	20.71	20.69				
15	64QAM	36	20	20.77	20.78	20.87				
15	64QAM	36	39	20.68	20.70	20.58				
15	64QAM	75	0	20.68	20.85	20.76	22	3		
15	256QAM	1	0	18.82	18.98	19.05				
15	256QAM	1	37	18.78	18.91	18.94				
15	256QAM	1	74	18.72	18.88	18.66				
15	256QAM	36	0	18.83	19.02	18.75	20	5		
15	256QAM	36	20	18.71	18.86	18.80				
15	256QAM	36	39	18.78	18.87	18.88				
15	256QAM	75	0	18.86	18.83	18.82				
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.76	23.80	23.77	25	0		
10	QPSK	1	25	23.59	23.64	23.61	25	0		
10	QPSK	1	49	23.55	23.71	23.47				
10	QPSK	25	0	22.78	22.98	22.76				
10	QPSK	25	12	22.58	22.79	22.74				
10	QPSK	25	25	22.87	22.86	22.86	24	1		
10	QPSK	50	0	22.78	22.71	22.65				
10	16QAM	1	0	22.80	22.79	22.68				
10	16QAM	1	25	22.70	22.76	22.66				
10	16QAM	1	49	22.70	22.77	22.62	24	1		
10	16QAM	25	0	21.80	21.65	21.60				
10	16QAM	25	12	21.48	21.66	21.65				
10	16QAM	25	25	21.76	21.58	21.70				
10	16QAM	50	0	21.66	21.70	21.47	23	2		
10	64QAM	1	0	21.66	21.71	21.55				
10	64QAM	1	25	21.68	21.83	21.46				
10	64QAM	1	49	21.72	21.62	21.57				
10	64QAM	25	0	20.67	20.61	20.69	22	3		
10	64QAM	25	12	20.62	20.76	20.85				
10	64QAM	25	25	20.67	20.69	20.73				
10	64QAM	50	0	20.76	20.85	20.80				
10	256QAM	1	0	18.80	18.81	18.85	20	5		
10	256QAM	1	25	18.75	18.89	18.74				
10	256QAM	1	49	18.73	18.71	18.84				
10	256QAM	25	0	18.83	18.84	18.87				
10	256QAM	25	12	18.86	18.93	18.87	20	5		
10	256QAM	25	25	18.86	18.97	19.04				
10	256QAM	50	0	18.87	19.00	18.85				
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.63	23.76	23.50	25	0		
5	QPSK	1	12	23.64	23.61	23.63	25	0		
5	QPSK	1	24	23.66	23.77	23.55				
5	QPSK	12	0	22.81	22.93	22.78				
5	QPSK	12	7	22.69	22.79	22.89				
5	QPSK	12	13	22.74	22.87	22.96	24	1		
5	QPSK	25	0	22.90	22.76	22.81				
5	16QAM	1	0	22.72	22.59	22.67				
5	16QAM	1	12	22.76	22.86	22.73				
5	16QAM	1	24	22.85	22.67	22.72	24	1		
5	16QAM	12	0	21.59	21.74	21.64				
5	16QAM	12	7	21.60	21.67	21.63				
5	16QAM	12	13	21.55	21.60	21.73				
5	16QAM	25	0	21.66	21.75	21.58	23	2		
5	64QAM	1	0	21.67	21.65	21.58				
5	64QAM	1	12	21.71	21.80	21.59				
5	64QAM	1	24	21.59	21.52	21.73				
5	64QAM	12	0	20.73	20.58	20.66	22	3		
5	64QAM	12	7	20.71	20.76	20.62				
5	64QAM	12	13	20.69	20.69	20.69				
5	64QAM	25	0	20.65	20.83	20.79				
5	256QAM	1	0	18.74	18.97	18.93	20	5		
5	256QAM	1	12	18.81	18.87	18.80	20	5		
5	256QAM	1	24	18.83	18.71	18.76				
5	256QAM	12	0	18.80	19.03	18.89				
5	256QAM	12	7	18.76	18.97	18.79	20	5		
5	256QAM	12	13	18.89	18.96	18.92				
5	256QAM	25	0	18.84	18.98	18.91				

LTE Band 2 Other PA Ant 5												
BW (MHz)	Modulation	RB Size	RB Offset	Low Ch./ 1700	Middle Ch./ 1800	High Ch./ 1900	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.20	23.22	23.18			24	0		
20	QPSK	1	49	23.07	23.10	22.97						
20	QPSK	1	98	23.19	23.19	23.17						
20	QPSK	50	0	22.98	23.07	23.01						
20	QPSK	50	24	23.05	22.98	22.89			24	0		
20	QPSK	50	49	22.87	23.04	22.95						
20	QPSK	100	0	22.88	23.08	22.96						
20	16QAM	1	0	22.79	22.78	22.78						
20	16QAM	1	49	22.84	22.89	22.78			24	0		
20	16QAM	1	99	22.85	22.93	22.90						
20	16QAM	50	0	22.01	21.84	21.84						
20	16QAM	50	24	21.89	22.02	22.03						
20	16QAM	50	50	22.09	22.00	21.96			23	1		
20	16QAM	100	0	21.90	21.92	22.05						
20	16QAM	1	0	22.07	22.08	21.97						
20	16QAM	1	49	22.05	21.88	21.92						
20	16QAM	1	99	22.08	21.97	22.07			23	1		
20	16QAM	50	0	20.91	20.91	21.06						
20	16QAM	50	24	20.99	20.90	20.95						
20	16QAM	50	50	21.02	20.98	20.93						
20	16QAM	100	0	21.05	21.08	21.08			22	2		
20	256QAM	1	0	19.05	18.99	19.03						
20	256QAM	1	49	19.05	18.95	19.12						
20	256QAM	1	99	19.13	19.11	19.09						
20	256QAM	50	0	19.02	19.05	19.14			20	4		
20	256QAM	50	24	19.03	19.05	19.04						
20	256QAM	50	50	19.09	19.17	19.10						
20	256QAM	100	0	19.02	19.01	19.07						
Channel												
Frequency (MHz)												
15	QPSK	1	0	1857.5	1860	1902.5			24	0		
15	QPSK	1	0	23.15	23.22	23.11						
15	QPSK	1	37	23.13	23.11	23.17						
15	QPSK	1	74	23.18	23.10	23.05						
15	QPSK	36	0	22.89	22.93	22.93			24	0		
15	QPSK	36	0	22.88	22.92	22.98						
15	QPSK	36	39	22.79	23.06	22.80						
15	QPSK	75	0	22.83	22.93	22.86						
15	16QAM	1	0	22.78	22.76	22.78			24	0		
15	16QAM	1	37	22.83	22.79	22.74						
15	16QAM	1	74	22.85	22.89	22.69						
15	16QAM	36	0	21.82	21.82	22.03						
15	16QAM	36	20	21.80	22.03	21.87			23	1		
15	16QAM	36	39	22.04	22.02	21.83						
15	16QAM	75	0	21.80	21.84	21.84						
15	16QAM	1	0	21.85	21.98	21.76						
15	16QAM	1	37	21.97	21.85	21.86			23	1		
15	16QAM	1	74	21.89	21.83	21.93						
15	16QAM	36	0	20.71	20.79	20.75						
15	16QAM	36	20	20.87	20.84	20.81						
15	16QAM	36	39	21.02	20.85	20.75			22	2		
15	16QAM	75	0	20.86	21.04	20.77						
15	256QAM	1	0	18.87	18.84	18.87						
15	256QAM	1	49	18.84	18.85	19.01						
15	256QAM	1	74	19.12	19.11	18.93			20	4		
15	256QAM	50	0	18.88	18.84	18.94						
15	256QAM	50	20	19.08	18.84	19.04						
15	256QAM	36	39	18.97	19.11	18.88						
Channel												
Frequency (MHz)												
10	QPSK	1	0	1855	1860	1905			24	0		
10	QPSK	1	0	22.99	22.98	22.77						
10	QPSK	1	49	22.99	23.11	23.17						
10	QPSK	1	98	22.99	22.93	22.98						
10	QPSK	25	12	22.98	22.75	22.83			24	0		
10	QPSK	25	25	22.72	22.93	22.79						
10	QPSK	25	39	22.71	22.91	22.83						
10	16QAM	1	0	22.77	22.62	22.57						
10	16QAM	1	25	22.62	22.64	22.74			24	0		
10	16QAM	1	49	22.71	21.89	22.78						
10	16QAM	25	0	21.88	21.82	21.75						
10	16QAM	25	12	21.85	21.81	21.91			23	1		
10	16QAM	25	25	21.92	21.82	21.75						
10	16QAM	50	0	21.81	21.76	22.00						
10	16QAM	1	0	22.07	21.95	21.96						
10	16QAM	1	49	21.83	21.84	21.93			23	1		
10	16QAM	1	99	22.07	21.91	21.89						
10	16QAM	25	0	20.79	20.92	20.97						
10	16QAM	25	25	20.93	20.93	20.83						
10	16QAM	50	0	20.92	20.91	20.76			22	2		
10	256QAM	1	0	19.02	18.87	18.94						
10	256QAM	1	25	18.93	18.92	18.94						
10	256QAM	49	18.92	19.07	19.01							
10	256QAM	25	12	19.07	18.93	18.90			20	4		
10	256QAM	25	25	19.01	18.96	18.92						
10	256QAM	50	0	18.82	18.87	18.91						
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.15	23.17	23.05			24	0		
5	QPSK	1	12	23.07	23.01	22.92						
5	QPSK	1	24	23.07	23.15	23.08						
5	QPSK	12	7	22.97	22.88	22.81						
5	QPSK	12	7	22.95	22.90	22.88			24	0		
5	QPSK	12	13	22.76	23.04	22.95						
5	QPSK	12	25	22.68	23.10	22.84						
5	16QAM	1	0	22.59	22.69	22.79						
5	16QAM	1	12	22.65	22.70	22.78			24	0		
5	16QAM	1	24	22.85	22.82	22.90						
5	16QAM	12	0	21.85	21.89	21.78						
5	16QAM	12	13	21.81	21.80	21.98						
5	16QAM	25	0	21.77	21.82	21.93			23	1		
5	16QAM	25	12	21.91	21.88	21.98						
5	16QAM	50	0	21.82	21.81	21.92						
5	16QAM	1	12	21.96	21.83	21.92						
5	16QAM	1	24	22.01	21.83	22.07			23	1		
5	16QAM	12	0	20.77	20.74	20.94						
5	16QAM	12	13	20.85	20.83	20.78						
5	16QAM	25	0	20.82	21.08	20.92						
5	256QAM	1	0	19.02	18.99	19.01			22	2		
5	256QAM	1	12	18.87	18.87	18.92						
5	256QAM	12	0	18.92	18.91	18.93						
5	256QAM	12	0	18.88	18.92	19.00						
5	256QAM	12	7	19.00	18.88	18.88			20	4		
5	256QAM	12	13	18.93	18.97	19.03						
5	256QAM	25	0	18.82	18.87	18.91						
5	256QAM	25	0	18.88	18.81	18.96						
Channel												
Frequency (MHz)												
3	QPSK	1	0	23.21	23.04	23.09			24	0		
3	QPSK	1	8	23.07	22.99	22.81						
3	QPSK	1	16	23.08	23.17	23.01						
3	QPSK	8	0	22.93	22.92	22.91						
3	QPSK	8	4	23.01	22.97	22.98			24	0		
3	QPSK	8	12	22.83	22.85	22.78						
3	QPSK	15	0	22.74	23.04	22.78						
3	16QAM	1	0	22.57	22.77	22.67						
3	16QAM	1	8	22.73	22.86	22.70			24	0		
3	16QAM	1	16	22.76	22.89	22.88						
3	16QAM	8	0	21.90	21.79	21.76						

Receiver on Power

<WCDMA>									
Band		WCDMA II Ant 0			Tune-up		WCDMA IV Ant 0		
TX Channel		9662	9600	9538	Limit		1512	1413	1513
Rx Channel		9662	9600	9538	(dBm)		1537	1638	1738
Frequency (MHz)		1625.6	1610.0	1600.6			1627.4	1622.0	1622.6
3GPP Rel 99		AMS 12.2Kbps	23.68	23.70	23.53	25.00	23.68	23.68	23.57
3GPP Rel 99		RMC 12.2Kbps	23.71	23.73	23.55	25.00	23.63	23.71	23.61
3GPP Rel 6		HSDPA Scheme-1	22.70	22.84	22.97	24.00	22.80	22.71	22.88
3GPP Rel 6		HSDPA Subtest-2	22.89	22.86	22.43	24.00	22.83	22.72	22.92
3GPP Rel 6		HSDPA Subtest-3	22.13	22.14	22.16	23.50	22.29	22.23	22.06
3GPP Rel 6		HSDPA Subtest-4	22.10	22.18	22.00	23.50	22.29	22.34	22.13
3GPP Rel 6		HSPA Subtest-1	22.82	22.88	22.45	24.00	22.65	22.83	22.53
3GPP Rel 6		HSPA Subtest-2	20.83	20.73	20.46	22.00	20.79	20.81	20.65
3GPP Rel 6		HSPA Subtest-3	21.74	21.62	21.44	23.00	21.73	21.70	21.49
3GPP Rel 6		HSPA Subtest-4	20.81	20.69	20.62	22.00	20.66	20.65	20.66
3GPP Rel 6		HSPA Subtest-5	22.77	22.74	22.44	24.00	22.74	22.80	22.47

LTE Band 2 Ant 0												
BW (MHz)	Modulation	RB Size	RB Offset	Low Ch/ 18000	Mode Ch/ 18000	High Ch/ 19100	Tuning inst (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.12	23.15	23.12						
20	QPSK	1	49	23.05	23.04	23.02	24	0				
20	QPSK	50	0	22.99	23.00	22.98	23	1				
20	QPSK	50	0	22.99	23.00	22.98	24	0				
20	QPSK	100	0	23.08	23.12	23.08	23	1				
20	HQAM	1	0	23.02	23.07	23.03	23	1				
20	HQAM	1	49	23.08	23.06	23.04	24	0				
20	HQAM	50	0	23.01	23.02	23.00	23	1				
20	HQAM	50	50	23.10	23.16	23.08	24	0				
20	HQAM	100	0	23.06	23.10	23.06	23	1				
20	HQAM	1	0	23.06	23.15	23.14	22	2				
20	HQAM	1	49	23.13	23.19	23.13	22	2				
20	HQAM	50	0	23.03	23.08	23.03	23	1				
20	HQAM	50	24	23.07	23.32	23.38	23	1				
20	HQAM	100	0	23.07	23.26	23.26	23	1				
20	25GSM	1	0	17.90	18.01	17.99	19	5				
20	25GSM	1	49	17.98	18.01	17.98	19	5				
20	25GSM	50	0	17.88	17.98	17.88	19	5				
20	25GSM	50	24	17.94	18.01	17.98	19	5				
20	25GSM	100	0	17.85	17.93	17.87	19	5				
Channel <th colspan="4"></th>												
Frequency (MHz) <th colspan="4"></th>												
15	QPSK	1	0	18.075	18.060	18.125	18	0				
15	QPSK	1	37	22.84	22.73	23.03	24	0				
15	QPSK	1	74	22.81	22.62	23.04	24	0				
15	QPSK	25	0	22.87	23.08	22.87	23	1				
15	QPSK	38	20	23.07	23.01	23.09	23	1				
15	HQAM	1	0	21.81	21.88	21.85	23	1				
15	HQAM	1	74	21.89	21.84	21.85	24	0				
15	HQAM	38	0	21.20	21.00	21.50	22	2				
15	HQAM	50	0	21.87	21.91	21.87	23	1				
15	HQAM	38	39	23.02	23.11	23.22	22	2				
15	HQAM	75	0	21.11	21.01	21.13	22	2				
15	HQAM	100	0	21.11	21.05	21.13	22	2				
15	HQAM	1	37	21.10	21.05	21.09	22	2				
15	HQAM	38	74	23.20	23.11	23.22	21	3				
15	HQAM	50	0	20.97	20.97	20.97	21	3				
15	25GSM	1	0	17.75	17.88	17.73	19	5				
15	25GSM	1	49	17.83	17.88	17.83	19	5				
15	25GSM	1	74	18.00	17.95	17.91	19	5				
15	25GSM	38	0	17.76	17.85	17.83	19	5				
15	25GSM	38	39	17.84	17.82	17.90	19	5				
15	25GSM	75	0	17.88	17.85	17.86	19	5				
Channel <th colspan="4"></th>												
Frequency (MHz) <th colspan="4"></th>												
10	QPSK	1	0	18.055	18.040	18.095	18	0				
10	QPSK	1	25	22.83	22.74	23.00	24	0				
10	QPSK	1	49	23.02	22.78	23.02	24	0				
10	QPSK	25	0	22.87	23.08	22.87	23	1				
10	QPSK	25	12	23.02	23.07	23.05	23	1				
10	HQAM	1	0	21.79	21.90	21.89	23					

LTE Band 4 Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Time Ch./ 20000	Mode Ch./ 20175	High Ch./ 20300	Turn-on time (s)	MFR (dB)				
Channel									Time (s)	MFR (dB)		
Frequency (MHz)									Time (s)	MFR (dB)		
20	QPSK	1	0	23.17	23.18	23.07						
20	QPSK	1	49	23.07	22.88	23.00	24	0				
20	QPSK	50	0	23.07	22.88	23.00						
20	QPSK	50	0	21.91	22.15	21.85						
20	QPSK	50	24	21.82	22.12	22.05						
20	QPSK	100	0	21.82	22.04	21.80						
20	HQAM	1	0	21.81	21.76	21.82						
20	HQAM	1	99	21.81	21.89	21.82						
20	HQAM	1	99	21.74	21.94	21.86						
20	HQAM	50	0	21.07	20.98	20.97						
20	HQAM	50	24	21.06	21.19	21.05						
20	HQAM	50	50	20.98	21.16	21.18						
20	HQAM	100	0	21.07	21.14	21.05						
20	HQAM	1	0	21.06	21.04	21.05						
20	HQAM	1	49	20.92	21.03	20.98						
20	HQAM	50	0	20.92	21.03	20.98						
20	HQAM	50	0	20.30	20.21	20.22						
20	HQAM	50	24	20.02	20.26	20.21						
20	HQAM	100	0	20.02	20.26	20.21						
20	HQAM	1	0	17.69	17.80	17.78						
20	HQAM	1	99	17.69	17.93	17.81						
20	HQAM	50	0	17.68	17.89	17.78						
20	HQAM	50	24	17.78	17.92	17.85						
20	HQAM	50	50	17.88	17.72	18.06						
20	HQAM	100	0	17.68	17.89	17.80						
Channel									Time (s)	MFR (dB)		
Frequency (MHz)									Time (s)	MFR (dB)		
15	QPSK	1	37	23.05	22.83	22.83	24	0				
15	QPSK	1	74	22.68	22.87	22.87						
15	QPSK	50	0	22.68	22.87	22.87						
15	QPSK	36	20	21.68	21.92	21.95						
15	HQAM	1	0	21.76	21.95	21.95						
15	HQAM	1	74	21.67	21.87	21.76						
15	HQAM	1	74	21.69	21.87	21.78						
15	HQAM	36	0	21.09	20.95	20.89						
15	HQAM	36	36	21.02	21.12	21.09						
15	HQAM	36	36	20.92	21.02	21.17						
15	HQAM	75	0	20.79	20.91	20.84						
15	HQAM	75	0	20.79	21.09	21.09						
15	HQAM	1	37	20.74	20.97	20.93						
15	HQAM	1	74	21.04	20.94	21.09						
15	HQAM	36	20	20.02	20.19	20.17						
15	HQAM	36	20	20.02	20.19	20.17						
15	HQAM	75	0	20.04	20.20	20.23						
15	HQAM	75	0	17.83	17.90	17.88						
15	HQAM	75	0	17.76	17.96	17.94						
15	HQAM	1</										

LTE Band 7 Ant 0										
RF	Modulator	RB Size	RB Offset	Low Ch / 20MHz	Mod Ch / 20MHz	High Ch / 20MHz	Turn-on (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	2230	2232	2242				
20	QPSK	1	49	2229	2230	2241	23	0		
20	QPSK	1	98	2228	2229	2240				
20	QPSK	50	0	2132	2142	2153				
20	QPSK	50	24	2132	2141	2151	22	1		
20	QPSK	100	0	2133	2143	2153				
20	16QAM	1	0	2157	2162	2161				
20	16QAM	1	150	2156	2161	2160	22	1		
20	16QAM	1	99	2157	2162	2162				
20	16QAM	50	0	2048	2045	2058	21			
20	16QAM	50	150	2048	2045	2058				
20	16QAM	100	0	2041	2045	2057				
20	16QAM	100	150	2041	2045	2057	21	2		
20	64QAM	1	49	2031	2036	2035				
20	64QAM	1	98	2030	2035	2034				
20	64QAM	50	0	1862	1869	1865				
20	64QAM	50	24	1850	1867	1864	20	3		
20	64QAM	100	0	1851	1867	1868				
20	64QAM	100	150	1851	1867	1862				
20	256QAM	1	0	1723	1744	1738				
20	256QAM	1	49	1723	1742	1737	18	5		
20	256QAM	1	99	1720	1741	1736				
20	256QAM	50	0	1636	1713	1697				
20	256QAM	50	150	1732	1732	1732	18	5		
20	256QAM	100	0	1727	1733	1734				
20	256QAM	100	150	1721	1728	1729				
Channel										
Frequency (MHz)										
18	QPSK	1	0	20674	20674	20674				
18	QPSK	1	37	2209	2230	2232	23	0		
18	QPSK	1	74	2209	2230	2186				
18	QPSK	36	0	2132	2142	2153	22	1		
18	QPSK	36	20	2131	2142	2153				
18	QPSK	36	36	2135	2150	2115				
18	QPSK	72	0	2132	2142	2153				
18	16QAM	1	0	2135	2150	2140	22			
18	16QAM	1	37	2135	2154	2149				
18	16QAM	1	74	2135	2153	2144				
18	16QAM	36	0	2048	2045	2056				
18	16QAM	36	20	2048	2045	2056	21	2		
18	16QAM	36	36	2043	2053	2048				
18	16QAM	72	0	2048	2044	2052				
18	16QAM	72	37	2020	2017	2026	21	2		
18	64QAM	1	74	2020	2026	2037				
18	64QAM	36	0	1920	1920	1920	18			
18	64QAM	36	20	1934	1949	1935				
18	64QAM	36	36	1923	1920	1912				
18	64QAM	72	0	1920	1920	1920	18			
18	256QAM	1	0	1767	1747	1752				
18	256QAM	1	37	1736	1736	1716	18			
18	256QAM	1	74	1736	1736	1716				
18	256QAM	36	0	1711	1699	1701				
18	256QAM	36	20	1700	1700	1680	18	5		
18	256QAM	72	0	1716	1716	1716				
18	256QAM	72	37	1696	1696	1676	18	5		
18	256QAM	144	0	1719	1719	1720				
Channel										
Frequency (MHz)										
5	QPSK	1	0	2207	2224	2224				
5	QPSK	1	12	2215	2225	2225	23	0		
5	QPSK	1	24	2223	2223	2223				
5	QPSK	12	0	2127	2138	2137				
5	QPSK	12	7	2113	2125	2127	22	1		
5	QPSK	12	13	2127	2137	2137				
5	QPSK	25	0	2123	2140	2129				
5	QPSK	25	12	2123	2141	2129	22	1		
5	16QAM	1	12	2098	2103	2117				
5	16QAM	1	24	2110	2108	2111	22	1		
5	16QAM	12	0	2098	2103	2103				
5	16QAM	12	7	2052	2051	2054	21	2		
5	16QAM	12	13	2034	2036	2049				
5	16QAM	25	0	2034	2036	2049				
5	64QAM	1	12	2025	2036	2035	21	2		
5	64QAM	1	24	2025	2036	2035				
5	64QAM	12	0	1954	1942	1934				
5	64QAM	12	7	1950	1952	1943	20	3		
5	64QAM	12	13	1934	1936	1943				
5	64QAM	25	0	1949	1947	1955				
5	64QAM	25	12	1949	1947	1955	18	5		
5	256QAM	1	12	1729	1731	1735				
5	256QAM	1	24	1739	1746	1735				
5	256QAM	12	0	1746	1746	1746	18	5		
5	256QAM	12	7	1734	1722	1739				
5	256QAM	12	13	1729	1729	1739	18	5		

LTE Band 25 Ant 0														
BW [MHz]	Modulatio n	RB Size	RB Offset	Power Low Ch./ [dBm]	Power Middle Ch./ [dBm]	Power High Ch./ [dBm]	Time-up limt [ms]	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	23.10	23.17	22.98	24	0						
20	QPSK	1	48	22.93	22.92	22.91	23	0						
20	QPSK	1	96	22.81	22.99	22.98								
20	QPSK	50	0	21.91	22.13	21.87								
20	QPSK	50	24	21.87	22.11	22.04								
20	QPSK	50	50	21.91	21.87	22.12	23	1						
20	QPSK	100	0	21.91	21.97	21.85								
20	16QAM	1	0	21.71	21.86	21.83								
20	16QAM	1	48	21.87	21.91	21.92								
20	16QAM	50	0	21.76	21.86	21.79	23	1						
20	16QAM	50	5	21.12	21.07	21.05								
20	16QAM	50	24	20.87	21.18	21.14								
20	16QAM	50	50	21.02	21.13	21.13								
20	16QAM	100	0	21.08	21.04	20.92	22	2						
20	16QAM	1	0	21.08	21.17	21.12								
20	16QAM	1	48	21.01	21.09	20.90								
20	16QAM	1	96	21.05	21.02	21.15								
20	16QAM	50	0	20.28	20.18	20.20	21	3						
20	16QAM	50	24	20.18	20.29	20.26								
20	16QAM	50	50	20.21	20.06	20.29								
20	16QAM	100	0	20.28	20.15	20.23								
20	256QAM	1	0	17.91	17.83	17.81	19	5						
20	256QAM	1	48	17.84	17.88	18.02								
20	256QAM	1	96	18.02	17.82	17.82								
20	256QAM	50	0	17.83	17.75	17.89								
20	256QAM	50	24	17.82	17.85	18.00	19	5						
20	256QAM	50	50	17.84	17.86	18.03								
20	256QAM	100	0	17.84	17.86	18.03								
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.94	23.07	22.84	24	0						
15	QPSK	1	74	22.79	22.97	22.91								
15	QPSK	1	144	22.62	22.94	22.83								
15	QPSK	36	0	21.72	22.00	21.82								
15	QPSK	36	36	21.65	21.99	21.83	23	1						
15	QPSK	36	72	21.65	21.99	21.83								
15	QPSK	36	108	21.65	21.99	21.83								
15	QPSK	36	144	21.65	21.99	21.83								
15	QPSK	72	0	21.77	21.78	21.83	23	1						
15	16QAM	1	0	21.60	21.64	21.61								
15	16QAM	1	37	21.77	21.93	21.77								
15	16QAM	1	74	21.57	21.67	21.66								
15	16QAM	36	0	20.95	20.98	20.95	22	2						
15	16QAM	36	20	20.70	21.20	21.11								
15	16QAM	36	36	20.95	20.99	21.13								
15	16QAM	36	50	21.05	20.91	20.75								
15	16QAM	1	0	21.03	20.95	21.11	22	2						
15	16QAM	1	37	21.03	21.05	21.05								
15	16QAM	1	74	21.02	20.94	21.15								
15	16QAM	36	0	20.19	20.54	20.20								
15	16QAM	36	36	20.18	20.60	20.66	21	3						
15	16QAM	36	72	20.18	20.60	20.66								
15	16QAM	36	108	20.18	20.60	20.66								
15	16QAM	36	144	20.18	20.60	20.66								
15	16QAM	72	0	17.81	17.71	17.68	19	5						
15	256QAM	1	37	17.75	17.81	17.96								
15	256QAM	1	74	18.02	17.92	17.81								
15	256QAM	36	0	17.78	17.79	17.79								
15	256QAM	36	20	17.63	17.87	17.82	19	5						
15	256QAM	36	36	17.63	17.87	17.82								
15	256QAM	36	50	17.63	17.87	17.82								
15	256QAM	72	0	17.62	17.71	17.90								
Channel														
Frequency (MHz)														
10	QPSK	1	0	23.02	23.06	22.86	24	0						
10	QPSK	1	25	22.84	22.83	22.82								
10	QPSK	1	48	22.62	22.84	22.83								
10	QPSK	25	0	21.81	22.07	21.66								
10	QPSK	25	12	21.80	21.95	21.90	23	1						
10	QPSK	25	25	21.78	21.88	21.81								
10	QPSK	50	0	21.94	21.80	21.75								
10	QPSK	50	12	21.94	21.78	21.83								
10	16QAM	1	0	21.74	21.88	21.80	23	1						
10	16QAM	1	48	21.73	21.88	21.86								
10	16QAM	25	0	21.65	21.62	21.68								
10	16QAM	25	12	20.69	21.12	21.09								
10	16QAM	25	25	21.04	21.13	20.94	22	2						
10	16QAM	50	0	20.94	20.91	20.93								
10	16QAM	50	12	20.95	20.97	20.93								
10	16QAM	50	25	21.03	21.06	20.99								
10	16QAM	1	0	21.05	20.97	21.05	22	2						
10	16QAM	1	25	21.03	21.06	20.99								
10	16QAM	1	50	21.05	20.97	21.05								
10	16QAM	25	0	20.98	20.12	20.90								
10	16QAM	25	12	20.01	20.13	20.20	21	3						
10	16QAM	25	25	20.98	20.94	20.95								
10	16QAM	50	0	20.24	20.07	20.17								
10	16QAM	50	12	20.25	20.07	20.17								
10	256QAM	1	0	17.65	17.66	17.66	19	5						
10	256QAM	1	25	17.65	17.71	17.91								
10	256QAM	1	48	17.82	18.11	17.63								
10	256QAM	25	0	17.74	17.67	17.67								
10	256QAM	25	12	17.78	17.83	17.86	19	5						
10	256QAM	25	25	17.78	17.83	17.86								
10	256QAM	25	50	17.73	17.85	18.00								
10	256QAM	50	0	17.67	17.67	17.69								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.98	23.02	22.92	24	0						
5	QPSK	1	12	22.71	22.72	22.77								
5	QPSK	1	24	22.62	22.79	22.81								
5	QPSK	12	0	21.85	22.07	21.69								
5	QPSK	12	7	21.87	21.94	21.87	23	1						
5	QPSK	12	13	21.86	21.93	21.86								
5	QPSK	25	0	21.81	21.75	21.72								
5	16QAM	1	0	21.69	21.68	21.63								
5	16QAM	1	12	21.86	21.75	21.70	23	1						
5	16QAM	1	24	21.73	21.82	21.73								
5	16QAM	12	0	21.08	21.03	21.01								
5	16QAM	12	7	20.84	20.96	21.01								
5	16QAM	12	13	21.01	21.03	21.03	22	2						
5	16QAM	25	0	21.05	21.05	20.78								
5	16QAM													

<WCDMA>

Band	WCDMA 8 Airt 1				Tune-up Limit (dBm)	WCDMA 8 Airt 1				Tune-up Limit (dBm)	WCDMA 8 Airt 1				Tune-up Limit (dBm)
	TX Channel	9262	9600	9638		1512	1513	1513	1513		4132	4182	4233	4233	
Rx Channel		9662	9600	9638	1537	1636	1738	1738	1738	4307	4407	4468	4468		
Frequency (MHz)		1822.4	1800	1807.6	1712.4	1727.6	1727.6	1727.6	1727.6	4204	4204	4204	4204		
3GPP Rel 99	AMR 12.2Kbps	19.17	19.32	19.21	20.00	21.61	21.75	21.78	22.50	20.91	21.03	20.95	22.00		
3GPP Rel 99	RMTC 12.2Kbps	19.20	19.36	19.28	20.00	21.74	21.88	21.84	22.50	20.92	21.09	21.05	22.00		
3GPP Rel 6	HS-PA Subtest-1	18.13	18.38	18.21	19.00	20.98	20.89	20.89	21.50	19.88	20.12	19.83	21.00		
3GPP Rel 6	HS-PA Subtest-2	18.27	18.35	18.34	19.00	20.73	20.69	20.67	21.50	19.79	19.89	19.84	21.00		
3GPP Rel 6	HS-PA Subtest-3	17.88	17.95	17.72	18.50	20.20	20.40	20.23	21.00	19.55	19.49	19.37	20.50		
3GPP Rel 6	HS-PA Subtest-4	17.87	17.74	17.81	18.50	20.21	20.37	19.97	21.00	19.47	19.44	19.39	20.50		
3GPP Rel 6	HS-PA Subtest-1	18.10	18.28	18.31	19.00	20.53	20.57	20.64	21.50	19.94	20.10	19.84	21.00		
3GPP Rel 6	HS-PA Subtest-2	18.28	18.26	18.24	17.00	18.74	18.72	18.67	19.50	17.79	18.07	17.77	19.00		
3GPP Rel 6	HS-PA Subtest-3	17.27	17.31	17.03	18.00	19.65	19.95	19.54	20.50	18.68	18.98	18.69	20.00		
3GPP Rel 6	HS-PA Subtest-4	18.22	18.20	18.32	17.00	18.56	18.71	18.57	19.50	17.95	18.16	17.96	19.00		
3GPP Rel 6	HS-PA Subtest-5	18.13	18.39	18.10	19.00	20.54	20.88	20.76	21.50	19.86	19.89	19.78	21.00		

LTE Band 2 Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Channel	Power Low (MHz)	Power Middle (MHz)	Power High (MHz)	Turn-up limit (dBm)	MPR (dB)	
Channel										
Frequency (MHz)										
20	QPSK	1	0	19.47	19.56	19.64		20.5	0	
20	QPSK	1	44	19.48	19.58	19.67				
20	QPSK	1	99	19.49	19.44	19.46				
20	QPSK	50	0	19.36	19.53	19.50		20.5	0	
20	QPSK	50	24	19.42	19.43	19.43				
20	QPSK	50	50	19.41	19.34	19.40				
20	QPSK	100	0	19.49	19.51	19.45				
20	16QAM	1	0	19.41	19.48	19.51		20.5	0	
20	16QAM	1	49	19.44	19.51	19.50				
20	16QAM	1	99	19.44	19.44	19.47				
20	16QAM	50	0	19.33	19.31	19.42		20.5	0	
20	16QAM	50	24	19.42	19.44	19.45				
20	16QAM	50	24	19.35	19.42	19.54				
20	16QAM	100	0	19.41	19.41	19.36				
20	64QAM	1	0	19.50	19.44	19.47		20.5	0	
20	64QAM	1	49	19.46	19.50	19.38				
20	64QAM	1	99	19.35	19.36	19.45				
20	64QAM	50	0	19.54	19.47	19.47		20.5	0	
20	64QAM	50	24	19.35	19.42	19.54				
20	64QAM	50	50	19.53	19.37	19.47				
20	64QAM	100	0	19.42	19.31	19.49				
20	256QAM	1	99	17.73	17.71	17.66		19	1.5	
20	256QAM	1	49	17.84	17.77	17.70				
20	256QAM	50	24	17.65	17.89	17.81		19	1.5	
20	256QAM	50	50	17.81	17.81	17.86				
20	256QAM	100	0	17.85	17.77	17.86				
Channel										
Frequency (MHz)										
15	QPSK	1	0	19.33	19.45	19.39		20.5	0	
15	QPSK	1	44	19.37	19.36	19.38				
15	QPSK	1	74	19.35	19.30	19.35				
15	QPSK	36	0	19.30	19.44	19.35		20.5	0	
15	QPSK	36	24	19.37	19.35	19.35				
15	QPSK	36	39	19.28	19.28	19.34				
15	QPSK	75	0	19.35	19.44	19.39		20.5	0	
15	16QAM	1	0	19.35	19.38	19.41		20.5	0	
15	16QAM	1	37	19.34	19.36	19.41				
15	16QAM	1	74	19.23	19.30	19.35				
15	16QAM	36	0	19.20	19.25	19.34		20.5	0	
15	16QAM	36	20	19.32	19.32	19.41				
15	16QAM	36	39	19.38	19.24	19.26				
15	16QAM	75	0	19.25	19.33	19.31				
15	64QAM	1	0	19.38	19.37	19.37		20.5	0	
15	64QAM	1	37	19.37	19.37	19.41				
15	64QAM	1	74	19.28	19.23	19.34				
15	64QAM	36	0	19.44	19.40	19.41		20.5	0	
15	64QAM	36	20	19.26	19.31	19.35				
15	64QAM	36	39	19.44	19.23	19.34				
15	64QAM	75	0	19.26	19.20	19.40				
15	256QAM	1	0	17.76	17.71	17.73		19	1.5	
15	256QAM	1	37	17.82	17.67	17.77				
15	256QAM	1	74	17.57	17.63	17.77				
15	256QAM	36	0	17.49	17.58	17.75		19	1.5	
15	256QAM	36	20	17.44	17.72	17.70				
15	256QAM	36	39	17.72	17.65	17.65				
15	256QAM	75	0	17.69	17.73	17.65				
Channel										
Frequency (MHz)										
10	QPSK	1	0	19.35	19.43	19.32		20.5	0	
10	QPSK	1	25	19.36	19.30	19.27				
10	QPSK	6	0	19.40	19.33	19.35				
10	QPSK	25	0	19.27	19.30	19.30		20.5	0	
10	QPSK	25	12	19.35	19.38	19.18				
10	QPSK	25	25	19.29	19.19	19.22				
10	QPSK	50	0	19.37	19.44	19.31		20.5	0	
10	QPSK	1	0	19.36	19.41	19.32		20.5	0	
10	16QAM	1	0	19.36	19.40	19.34				
10	16QAM	1	49	19.31	19.30	19.33				
10	16QAM	36	0	19.33	19.36	19.31		20.5	0	
10	16QAM	25	12	19.27	19.38	19.33				
10	16QAM	25	25	19.39	19.15	19.23				
10	16QAM	50	0	19.21	19.33	19.30				
10	64QAM	1	0	19.45	19.39	19.38		20.5	0	
10	64QAM	1	25	19.30	19.44	19.28				
10	64QAM	1	49	19.31	19.30	19.34				
10	64QAM	25	0	19.38	19.36	19.37		20.5	0	
10	64QAM	25	12	19.27	19.33	19.40				
10	64QAM	25	25	19.43	19.26	19.33				
10	64QAM	50	0	19.38	19.21	19.44				
10	256QAM	1	0	17.64	17.64	17.64		19	1.5	
10	256QAM	1	25	17.84	17.74	17.85				
10	256QAM	1	49	17.71	17.71	17.66				
10	256QAM	25	0	17.55	17.60	17.60		19	1.5	
10	256QAM	25	12	17.84	17.81	17.61				
10	256QAM	25	25	17.79	17.65	17.62				
10	256QAM	50	0	17.75	17.57	17.67				
Channel										
Frequency (MHz)										
5	QPSK	1	0	19.38	19.31	19.35		20.5	0	
5	QPSK	1	12	19.35	19.17	19.28				
5	QPSK	6	0	19.40	19.33	19.35				
5	QPSK	12	0	19.18	19.37	19.42		20.5	0	
5	QPSK	12	7	19.22	19.30	19.23				
5	QPSK	12	13	19.35	19.28	19.35				
5	QPSK	25	0	19.35	19.44	19.37				
5	16QAM	1	0	19.37	19.41	19.26		20.5	0	
5	16QAM	1	14	19.33	19.43	19.31				
5	16QAM	1	24	19.30	19.38	19.26				
5	16QAM	12	0	19.19	19.15	19.35		20.5	0	
5	16QAM	12	7	19.29	19.35	19.41				
5	16QAM	12	13	19.40	19.13	19.12				
5	16QAM	25	0	19.25	19.25	19.17				
5	64QAM	1	0	19.31	19.37	19.31		20.5	0	
5	64QAM	1	12	19.31	19.46	19.30				
5	64QAM	1	24	19.16	19.17	19.31				
5	64QAM	12	0	19.43	19.33	19.42		20.5	0	
5	64QAM	12	7	19.20	19.32	19.34				
5	64QAM	12	13	19.37	19.32	19.35				
5	64QAM	25	0	19.33	19.13	19.38				
5	256QAM	1	0	17.73	17.61	17.61		19	1.5	
5	256QAM	1	12	17.80	17.77	17.61				
5	256QAM	1	24	17.67	17.59	17.65				
5	256QAM	12	0	17.43	17.74	17.73		19	1.5	
5	256QAM	12	7	17.60	17.74	17.65				
5	256QAM	12	13	17.81	17.63	17.58				
5	256QAM	25	0	17.75	17.58	17.68				
Channel										
Frequency (MHz)										
3	QPSK	1	0	19.31	19.38	19.38		20.5	0	
3	QPSK	1	8	19.34	19.28	19.18				
3	QPSK	1	14	19.30	19.40	19.32				
3	QPSK	8	0	19.31	19.46	19.41		20.5	0	
3	QPSK	8	4	19.32	19.36	19.29				
3	QPSK	15	0	19.31	19.41	19.27				
3	16QAM	1	0	19.32	19.43	19.18		20.5	0	
3	16QAM	1	8	19.32	19.42	19.42				
3	16QAM	1	14	19.33	19.31	19.28				
3	16QAM	8	0	19.17	19.17	19.34		20.5	0	
3	16QAM	8	4	19.32	19.34	19.28				
3	16QAM	8	7	19.45	19.21	19.25				
3	16QAM	15	0	19.28	19.31	19.32		20.5	0	
3	64QAM	1	0	19.38	19.36	19.40		20.5	0	
3	64QAM	1	8	19.41	19.39	19.27				
3	64QAM	1	14	19.28	19.20	19.36				
3	64QAM	8	0	19.36	19.34	19.39		20.5	0	
3	64QAM	8	4	19.20	19.28	19.39				
3	64QAM	8	7	19.49	19.33	19.42				
3	64QAM	15	0	19.30	19.22	19.42				
3	256QAM	1	0	17.71	17.60	17.66		19	1.5	
3	256QAM	1	8	17.86	17.73	17.60				
3	256QAM	1	14	17.62	17.70	17.71				
3	256QAM	8	0	17.53	17.62	17.62		19	1.5	
3	256QAM	8	4	17.48	17.69	17.60				
3	256QAM	8	7	17.61	17.73	17.56				
3	256QAM	15	0	17.64	17.73	17.7				

LTE Band 7 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Channel	Low Ch. / Freq.	Mid Ch. / Freq.	High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel										
Frequency (MHz)										
20	QPSK	1	0	2510	2510	2510	2510	14.5	0	
20	QPSK	1	48	13.12	13.12	13.13	13.13			
20	QPSK	1	96	13.27	13.23	13.34	13.34			
20	QPSK	50	0	13.26	13.34	13.21	13.21			
20	QPSK	24	0	13.24	13.25	13.23	13.23			
20	QPSK	50	50	13.22	13.12	13.33	13.33			
20	QPSK	100	0	13.15	13.31	13.27	13.27			
20	16QAM	1	0	13.33	13.25	13.31	13.31			
20	16QAM	1	48	13.15	13.22	13.32	13.32	14.5	0	
20	16QAM	1	96	13.15	13.17	13.17	13.17			
20	16QAM	50	0	13.17	13.17	13.32	13.32			
20	16QAM	50	24	13.34	13.31	13.13	13.13	14.5	0	
20	16QAM	50	0	13.12	13.12	13.29	13.29			
20	16QAM	100	0	13.12	13.15	13.13	13.13			
20	64QAM	1	0	13.24	13.15	13.12	13.12			
20	64QAM	1	48	13.33	13.24	13.11	13.11	14.5	0	
20	64QAM	1	96	13.32	13.26	13.26	13.26			
20	64QAM	50	0	13.32	13.26	13.17	13.17			
20	64QAM	50	24	13.17	13.18	13.22	13.22			
20	64QAM	50	50	13.19	13.33	13.34	13.34	14.5	0	
20	64QAM	100	0	13.16	13.22	13.34	13.34			
20	256QAM	1	0	13.12	13.36	13.32	13.32			
20	256QAM	1	48	13.31	13.22	13.28	13.28	14.5	0	
20	256QAM	1	96	13.33	13.25	13.33	13.33			
20	256QAM	50	0	13.24	13.22	13.24	13.24			
20	256QAM	50	24	13.16	13.15	13.21	13.21	14.5	0	
20	256QAM	50	50	13.25	13.14	13.33	13.33			
20	256QAM	100	0	13.21	13.14	13.29	13.29			
Channel										
Frequency (MHz)										
15	QPSK	1	0	13.18	13.21	13.15	13.15	14.5	0	
15	QPSK	1	37	13.03	13.12	13.19	13.19			
15	QPSK	1	74	13.22	13.18	13.24	13.24			
15	QPSK	36	0	13.09	13.26	13.15	13.15			
15	QPSK	36	20	13.14	13.25	13.23	13.23			
15	QPSK	36	36	13.14	13.08	13.29	13.29	14.5	0	
15	QPSK	75	0	13.06	13.26	13.08	13.08			
15	16QAM	1	0	13.07	13.05	13.05	13.05			
15	16QAM	1	37	13.10	13.04	13.13	13.13	14.5	0	
15	16QAM	1	74	13.05	13.03	13.08	13.08			
15	16QAM	36	0	13.07	13.05	13.14	13.14			
15	16QAM	36	20	13.22	13.15	13.25	13.25	14.5	0	
15	16QAM	36	36	13.03	13.22	13.11	13.11			
15	16QAM	75	0	12.84	13.03	13.01	13.01			
15	64QAM	1	0	13.18	13.08	13.07	13.07	14.5	0	
15	64QAM	1	37	13.03	13.12	13.19	13.19			
15	64QAM	1	74	13.20	13.15	13.13	13.13			
15	64QAM	36	0	13.15	13.21	13.07	13.07	14.5	0	
15	64QAM	36	20	13.07	13.05	13.06	13.06			
15	64QAM	36	36	13.14	13.20	13.24	13.24			
15	64QAM	75	0	13.07	13.05	13.14	13.14			
15	256QAM	1	0	13.07	13.05	13.14	13.14	14.5	0	
15	256QAM	1	37	13.19	13.02	13.22	13.22			
15	256QAM	1	74	13.22	13.12	13.19	13.19			
15	256QAM	36	0	13.14	13.17	13.10	13.10			
15	256QAM	36	20	13.07	13.09	13.10	13.10			
15	256QAM	36	36	13.05	13.21	13.11	13.11	14.5	0	
15	256QAM	75	0	13.02	13.10	13.12	13.12			
Channel										
Frequency (MHz)										
10	QPSK	1	0	13.09	13.26	13.17	13.17	14.5	0	
10	QPSK	1	25	12.95	13.18	13.07	13.07			
10	QPSK	1	48	13.21	13.17	13.20	13.20			
10	QPSK	25	0	13.13	13.27	13.12	13.12			
10	QPSK	25	12	13.17	13.06	13.08	13.08	14.5	0	
10	QPSK	25	25	13.14	13.08	13.28	13.28			
10	QPSK	50	0	12.97	13.22	13.15	13.15			
10	16QAM	1	0	13.16	13.16	13.16	13.16			
10	16QAM	1	25	13.04	13.06	13.17	13.17	14.5	0	
10	16QAM	1	48	13.00	13.12	13.01	13.01			
10	16QAM	25	0	13.05	13.04	13.16	13.16			
10	16QAM	25	12	13.23	13.22	13.07	13.07	14.5	0	
10	16QAM	25	25	13.12	13.25	13.23	13.23			
10	16QAM	50	0	12.96	13.01	13.00	13.00			
10	64QAM	1	0	13.16	13.02	12.97	12.97	14.5	0	
10	64QAM	1	25	13.11	13.09	13.08	13.08			
10	64QAM	1	48	13.21	13.08	13.15	13.15			
10	64QAM	25	0	13.17	13.12	12.99	12.99	14.5	0	
10	64QAM	25	12	13.11	13.09	13.08	13.08			
10	64QAM	25	25	13.06	13.19	13.28	13.28			
10	64QAM	50	0	12.96	13.11	13.29	13.29			
10	256QAM	1	0	13.04	13.13	13.18	13.18	14.5	0	
10	256QAM	1	25	13.25	13.07	13.20	13.20			
10	256QAM	1	48	13.28	13.07	13.10	13.10			
10	256QAM	25	0	13.04	13.13	13.18	13.18			
10	256QAM	25	12	13.06	13.06	13.03	13.03	14.5	0	
10	256QAM	25	25	13.11	13.09	13.14	13.14			
10	256QAM	50	0	13.13	13.00	13.14	13.14			
Channel										
Frequency (MHz)										
5	QPSK	1	0	13.05	13.25	13.20	13.20	14.5	0	
5	QPSK	1	12	12.97	13.03	13.18	13.18			
5	QPSK	1	24	13.14	13.14	13.29	13.29			
5	QPSK	12	0	13.10	13.17	13.04	13.04			
5	QPSK	12	7	13.06	13.18	13.16	13.16	14.5	0	
5	QPSK	12	13	13.17	13.01	13.18	13.18			
5	QPSK	25	0	13.02	13.14	13.14	13.14			
5	16QAM	1	0	13.13	13.12	13.17	13.17	14.5	0	
5	16QAM	1	12	12.98	13.13	13.21	13.21			
5	16QAM	1	24	13.11	12.99	13.06	13.06			
5	16QAM	12	0	13.06	13.09	13.11	13.11			
5	16QAM	12	7	13.20	13.15	13.09	13.09	14.5	0	
5	16QAM	12	13	13.06	13.25	13.14	13.14			
5	16QAM	25	0	13.03	13.13	13.18	13.18			
5	16QAM	25	12	13.12	13.05	13.08	13.08	14.5	0	
5	16QAM	25	24	13.16	13.10	13.11	13.11			
5	16QAM	50	0	13.02	13.13	13.13	13.13			
5	64QAM	1	0	13.06	13.29	13.21	13.21	14.5	0	
5	64QAM	1	12	13.21	13.03	13.11	13.11			
5	64QAM	1	24	13.17	13.12	13.20	13.20			
5	64QAM	12	0	13.14	13.11	13.19	13.19	14.5	0	
5	64QAM	12	7	13.02	13.04	13.04	13.04			
5	64QAM	12	13	13.20	13.10	13.28	13.28			
5	64QAM	25	0	13.12	13.26	13.18	13.18			

LTE Band 12 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Channel	Low Ch. / Freq. (MHz)	Mid Ch. / Freq. (MHz)	High Ch. / Freq. (MHz)	Turn-up limit (dBm)	MPR (dB)	
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.54	22.67	22.64	22.64	23.5	0	
10	QPSK	1	25	22.47	22.71	22.43	22.43			
10	QPSK	1	48	22.62	22.52	22.58	22.58			
10	QPSK	25	0	22.61	22.64	22.56	22.56	23.5	0	
10	QPSK	25	12	22.41	22.54	22.55	22.55			
10	QPSK	25	25	22.45	22.48	22.47	22.47			
10	QPSK	50	0	22.59	22.61	22.56	22.56	23.5	0	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.25	22.57	22.13	22.13			
10	16QAM	25	12	22.16	22.12	22.24	22.24			
10	16QAM	25	25	22.31	22.15	22.33	22.33	20	3.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	20	3.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	20	3.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	20	3.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	20	3.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	20	3.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	20	3.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	20	3.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	20	3.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	20	3.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	20	3.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	20	3.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	20	3.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	20	3.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	20	3.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22	1.5	
10	16QAM	50	0	22.20	22.20	22.22	22.22			
10	16QAM	50	12	22.34	22.18	22.36	22.36			
10	16QAM	50	25	22.39	22.23	22.41	22.41	20	3.5	
10	16QAM	1	0	22.56	22.42	22.53	22.53			
10	16QAM	1	25	22.48	22.49	22.42	22.42			
10	16QAM	1	48	22.55	22.52	22.47	22.47	23	0.5	
10	16QAM	25	0	22.20	22.20	22.22	22.22			
10	16QAM	25	12	22.34	22.18	22.36	22.36			
10	16QAM	25	25	22.39	22.23	22.41	22.41	22		

LTE Band 17 Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Channel	Power Low Ch. / Antenna	Power Middle Ch. / Antenna	Power High Ch. / Antenna	Turn-up time (dB)	MPR (dB)	
Frequency (MHz)										
10	QPSK	1	0	22.44	22.56	22.63		23.5	0	
10	QPSK	1	26	22.62	22.68	22.67				
10	QPSK	1	49	22.54	22.44	22.38				
10	QPSK	25	0	22.42	22.61	22.45				
10	QPSK	25	12	22.35	22.34	22.41				
10	QPSK	25	26	22.46	22.37	22.49				
10	QPSK	50	0	22.46	22.49	22.34				
10	16QAM	1	0	22.40	22.36	22.38				
10	16QAM	1	26	22.42	22.37	22.49		23.5	0	
10	16QAM	1	49	22.65	22.46	22.37				
10	16QAM	25	0	22.15	22.25	22.07				
10	16QAM	25	12	22.18	22.19	22.29				
10	16QAM	25	26	22.83	22.84	22.84				
10	16QAM	50	0	22.13	22.38	22.04		23	0.5	
10	64QAM	1	0	22.19	22.18	22.19				
10	64QAM	1	26	22.32	22.38	22.04				
10	64QAM	1	49	22.37	22.29	22.09				
10	64QAM	25	0	21.03	20.81	21.07				
10	64QAM	25	12	20.81	20.83	20.84				
10	64QAM	25	26	21.01	21.02	20.89				
10	64QAM	50	0	21.09	20.87	21.03				
10	256QAM	1	0	19.32	19.21	19.21				
10	256QAM	1	26	19.24	19.18	18.84		20	3.5	
10	256QAM	1	49	19.05	19.12	18.89				
10	256QAM	25	0	19.19	19.10	19.04				
10	256QAM	25	12	19.19	19.16	18.83				
10	256QAM	25	26	19.16	19.03	18.82				
10	256QAM	50	0	18.99	19.21	19.22				
Channel										
Frequency (MHz)	Power	Power	Power	Power	Power	Power	Power	Power	Power	Power
5	QPSK	1	0	22.33	22.51	22.49		23.5	0	
5	QPSK	1	26	22.41	22.28	22.19				
5	QPSK	12	0	22.26	22.43	22.32				
5	QPSK	12	7	22.31	22.34	22.33				
5	QPSK	12	13	22.35	22.17	22.44				
5	QPSK	25	0	22.33	22.39	22.27				
5	16QAM	1	0	22.32	22.25	22.27				
5	16QAM	1	12	22.28	22.22	22.37		23.5	0	
5	16QAM	1	24	22.29	22.26	22.45				
5	16QAM	12	0	22.26	22.28	22.13				
5	16QAM	12	7	22.05	22.11	22.06				
5	16QAM	12	13	22.16	22.12	22.18				
5	16QAM	25	0	21.98	22.23	22.02				
5	64QAM	1	0	22.09	22.19	22.15				
5	64QAM	1	12	22.02	22.34	22.09				
5	64QAM	12	0	20.85	20.86	20.82				
5	64QAM	12	7	20.86	20.86	20.83				
5	64QAM	12	13	20.87	20.91	20.91				
5	64QAM	25	0	20.84	20.85	21.05				
5	256QAM	1	0	19.18	19.01	18.92				
5	256QAM	1	12	19.14	18.94	18.81		20	3.5	
5	256QAM	1	24	19.05	18.96	19.00				
5	256QAM	12	0	19.07	18.90	19.17				
5	256QAM	12	7	19.14	18.96	18.89				
5	256QAM	12	13	19.06	18.94	18.99				
5	256QAM	25	0	18.94	19.09	19.19				

LTE Band 25 Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Channel	Power Low Ch. / Antenna	Power Middle Ch. / Antenna	Power High Ch. / Antenna	Turn-up time (dB)	MPR (dB)	
Frequency (MHz)										
20	QPSK	1	0	19.56	19.69	19.64		20.5	0	
20	QPSK	1	49	19.67	19.52	19.56				
20	QPSK	1	99	19.60	19.56	19.45				
20	QPSK	50	0	19.59	19.65	19.62		20.5	0	
20	QPSK	50	24	19.64	19.46	19.45				
20	QPSK	50	50	19.52	19.65	19.48				
20	QPSK	100	0	19.62	19.63	19.58				
20	16QAM	1	0	19.67	19.54	19.60				
20	16QAM	1	49	19.44	19.61	19.65		20.5	0	
20	16QAM	1	99	19.56	19.51	19.45				
20	16QAM	50	0	19.55	19.49	19.47				
20	16QAM	50	24	19.60	19.46	19.68		20.5	0	
20	16QAM	50	50	19.48	19.53	19.51				
20	16QAM	100	0	19.56	19.50	19.56				
20	64QAM	1	0	19.44	19.56	19.49		20.5	0	
20	64QAM	1	49	19.64	19.56	19.49				
20	64QAM	1	99	19.67	19.49	19.49				
20	64QAM	50	0	19.60	19.65	19.60				
20	64QAM	50	24	19.55	19.56	19.57		20.5	0	
20	64QAM	50	50	19.46	19.65	19.45				
20	64QAM	100	0	19.47	19.61	19.55				
20	256QAM	1	0	17.72	17.77	17.79				
20	256QAM	1	49	17.93	17.84	17.85		19	1.5	
20	256QAM	1	99	17.77	17.86	17.86				
20	256QAM	50	0	17.84	17.84	17.79				
20	256QAM	50	24	17.86	17.88	17.85		19	1.5	
20	256QAM	50	50	17.87	17.85	17.81				
20	256QAM	100	0	17.87	17.97	17.91				
Channel										
Frequency (MHz)	Power	Power	Power	Power	Power	Power	Power	Power	Power	Power
19	QPSK	1	0	19.50	19.53	19.49		20.5	0	
19	QPSK	1	49	19.52	19.40	19.39				
19	QPSK	1	74	19.51	19.48	19.34				
19	QPSK	36	0	19.49	19.53	19.47				
19	QPSK	36	18	19.47	19.35	19.47				
19	QPSK	36	36	19.39	19.60	19.34		20.5	0	
19	QPSK	75	0	19.51	19.56	19.48				
19	16QAM	1	0	19.55	19.45	19.45				
19	16QAM	1	37	19.44	19.51	19.45		20.5	0	
19	16QAM	1	74	19.50	19.44	19.29				
19	16QAM	36	0	19.47	19.41	19.42				
19	16QAM	36	20	19.49	19.28	19.49		20.5	0	
19	16QAM	75	0	19.40	19.42	19.45				
19	16QAM	75	0	19.39	19.32	19.47				
19	64QAM	1	0	19.45	19.43	19.51				
19	64QAM	1	37	19.44	19.41	19.41		20.5	0	
19	64QAM	1	74	19.55	19.44	19.37				
19	64QAM	36	0	19.43	19.60	19.54				
19	64QAM	36	20	19.48	19.45	19.39		20.5	0	
19	64QAM	36	36	19.26	19.48	19.39				
19	64QAM	75	0	19.42	19.50	19.36				
19	256QAM	1	0	17.72	17.74	17.79				
19	256QAM	1	37	17.84	17.79	17.80		19	1.5	
19	256QAM	1	74	17.74	17.78	17.79				
19	256QAM	36	0	17.83	17.84	17.84				
19	256QAM	36	20	17.86	17.93	17.77		19	1.5	
19	256QAM	36	36	17.87	17.85	17.81				
19	256QAM	75	0	17.85	17.82	17.79				
Channel										
Frequency (MHz)	Power	Power	Power	Power	Power	Power	Power	Power	Power	Power
19	QPSK	1	0	19.40	19.50	19.50		20.5	0	
19	QPSK	1	25	19.54	19.47	19.51				
19	QPSK	1	49	19.52	19.45	19.35				
19	QPSK	25	0	19.42	19.55	19.48				
19	QPSK	25	12	19.53	19.35	19.42				
19	QPSK	25	26	19.47	19.59	19.39		20.5	0	
19	QPSK	50	0	19.45	19.54	19.48				
19	16QAM	1	0	19.51	19.45	19.51				
19	16QAM	1	26	19.35	19.56	19.46		20.5	0	
19	16QAM	1	49	19.46	19.46	19.31				
19	16QAM	25	0	19.46	19.38	19.37				
19	16QAM	25	12	19.53	19.37	19.52		20.5	0	
19	16QAM	25	26	19.41	19.28	19.41				
19	16QAM	50	0	19.43	19.35	19.40				
19	16QAM	50	12	19.54	19.46	19.41		20.5	0	
19	64QAM	1	0	19.49	19.43	19.44				
19	64QAM	1	24	19.51	19.48	19.47				
19	64QAM	25	0	19.51	19.48	19.47				
19	64QAM	25	12	19.36	19.38	19.37		20.5	0	
19	64QAM	25	26	19.39	19.48	19.27				
19	64QAM	50	0	19.32	19.47	19.43				
19	256QAM	1	0	17.72	17.75	17.75				
19	256QAM	1	25	17.78	17.75	17.75		19	1.5	
19	256QAM	1	49	17.86	17.83	17.80				
19	256QAM	1	74	17.77	17.81	17.72				
19	256QAM	25	0	17.78	17.80	17.78		19	1.5	
19	256QAM	25	12	17.79	17.76	17.76				
19	256QAM	25	26	17.76	17.78	17.75				
19	256QAM	50	0	17.83	17.68	17.81				
19	256QAM	50	12	17.77	17.80	17.79		19	1.5	
19	256QAM	50	26	17.78	17.79	17.76				
19	256QAM	100	0	17.72	17.94	17.84				
Channel										
Frequency (MHz)	Power	Power	Power	Power	Power	Power	Power	Power	Power	Power
3	QPSK	1	0	19.41	19.59	19.59		20.5	0	
3	QPSK	1	0	19.49	19.49	19.51				
3	QPSK	1	14	19.51	19.44	19.35				
3	QPSK	8	0	19.50	19.56	19.57				
3	QPSK	8	0	19.50	19.56	19.57				
3	QPSK	8	4	19.38	19.60	19.37		20.5	0	
3	16QAM	1	0	19.52	19.47	19.45				
3	16QAM	1	14	19.55	19.40	19.38				
3	16QAM	8	0	19.51	19.38	19.36				
3	16QAM	8	4	19.54	19.28	19.59		20.5	0	
3	64QAM	1	0	19.46	19.46	19.38				
3	64QAM	1	14	19.53	19.46	19.38		20.5	0	
3	64QAM	8	0	19.48	19.48	19.41				
3	64QAM	8	4	19.45	19.56	19.46				
3	64QAM	8	14	19.47	19.47	19.41		20.5	0	
3	64QAM	8	14	19.35	19.51	19.45				
3	16QAM	15	0	19.42	19.46	19.40				
3	16QAM	15	0	19.42	19.46	19.40				
3	256QAM	1	14	17.79	17.75	17.66		19	1.5	
3	256QAM	1	14	17.60	17.77	17.79				
3	256QAM	1	14	17.67	17.75	17.77				
3	256QAM	8	4	17.84	17.77	17.81		19	1.5	
3	256QAM	8	14	17.72	17.80	17.78				
3	256QAM	15	0	17.72	17.93	17.84				
Channel										
Frequency (MHz)	Power	Power	Power	Power	Power	Power	Power	Power	Power	Power
1.4	QPSK	1	0	19.21	19.45	19.43				
1.4	QPSK	1	3	19.30	19.34	19.43		20.5	0	
1.4	QPSK	3	0	19.22	19.28	19.35				
1.4	QPSK	3	3	19.40	19.50	19.53				
1.4	QPSK	6	0	19.31	19.39	19.47				
1.4	QPSK	6	3	19.27	19.52	19.32				
1.4	QPSK	6	6	19.42	19.42	19.34		20.5	0	
1.4	16QAM	1	0	19.35	19.38	19.36				
1.4	16QAM	1	3	19.43	19.29	19.32				
1.4	16QAM	3	0	19.48	19.48	19.41				
1.4	16QAM	3	3	19.23	19.31	19.23		20.5	0	
1.4	16QAM	6	0	19.33	19.33	19.33				
1.4	16QAM	6	3	19.36	19.39	19.34				
1.4	64QAM	1	0	19.49	19.36	19.23				
1.4	64QAM	1	3	19.23	19.33	19.23		20.5	0	
1.4	64QAM	3	0	19.36	19.39	19.30				
1.4	64QAM	3	3	19.22	19.39	19.30				
1.4	256QAM	1	0	17.69	17.73	17.73				
1.4	256QAM	1	3	17.79	17.79	17.79		19	1.5	
1.4	256QAM	1	6	17.87	17.69	17.69				
1.4	256QAM	1	6	17.75	17.75	17.75				
1.4	256QAM	3	0	17.77	17.97	17.95				
1.4	256QAM	3	3	17.79	17.81	17.82				

LTE Band 30 Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Channel	Power Low Ch. / High Ch. /	Power High Ch. /	Turn-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	15.62	15.62	15.62	16.5	0	
10	QPSK	1	20	15.62	15.62	15.62	16.5	0	
10	QPSK	1	40	15.62	15.62	15.62	16.5	0	
10	QPSK	25	0	15.62	15.62	15.62	16.5	0	
10	QPSK	25	12	15.62	15.62	15.62	16.5	0	
10	QPSK	25	25	15.62	15.62	15.62	16.5	0	
10	QPSK	50	0	15.62	15.62	15.62	16.5	0	
10	16QAM	1	0	15.62	15.62	15.62	16.5	0	
10	16QAM	1	20	15.62	15.62	15.62	16.5	0	
10	16QAM	1	40	15.62	15.62	15.62	16.5	0	
10	16QAM	25	0	15.62	15.62	15.62	16.5	0	
10	16QAM	25	12	15.62	15.62	15.62	16.5	0	
10	16QAM	25	25	15.62	15.62	15.62	16.5	0	
10	16QAM	50	0	15.62	15.62	15.62	16.5	0	
10	64QAM	1	0	15.62	15.62	15.62	16.5	0	
10	64QAM	1	20	15.62	15.62	15.62	16.5	0	
10	64QAM	1	40	15.62	15.62	15.62	16.5	0	
10	64QAM	25	0	15.62	15.62	15.62	16.5	0	
10	64QAM	25	12	15.62	15.62	15.62	16.5	0	
10	64QAM	25	25	15.62	15.62	15.62	16.5	0	
10	64QAM	50	0	15.62	15.62	15.62	16.5	0	
10	256QAM	1	0	15.62	15.62	15.62	16.5	0	
10	256QAM	1	20	15.62	15.62	15.62	16.5	0	
10	256QAM	1	40	15.62	15.62	15.62	16.5	0	
10	256QAM	25	0	15.62	15.62	15.62	16.5	0	
10	256QAM	25	12	15.62	15.62	15.62	16.5	0	
10	256QAM	25	25	15.62	15.62	15.62	16.5	0	
10	256QAM	50	0	15.62	15.62	15.62	16.5	0	
Channel									
Frequency (MHz)									
5	QPSK	1	0	15.55	15.55	15.55	16.5	0	
5	QPSK	1	20	15.55	15.55	15.55	16.5	0	
5	QPSK	1	40	15.55	15.55	15.55	16.5	0	
5	QPSK	12	0	15.55	15.55	15.55	16.5	0	
5	QPSK	12	13	15.55	15.55	15.55	16.5	0	
5	QPSK	25	0	15.55	15.55	15.55	16.5	0	
5	16QAM	1	0	15.43	15.43	15.43	16.5	0	
5	16QAM	1	12	15.38	15.38	15.38	16.5	0	
5	16QAM	1	24	15.42	15.38	15.38	16.5	0	
5	16QAM	12	0	15.33	15.41	15.29	16.5	0	
5	16QAM	12	7	15.36	15.25	15.32	16.5	0	
5	16QAM	12	13	15.27	15.29	15.27	16.5	0	
5	16QAM	25	0	15.48	15.47	15.45	16.5	0	
5	64QAM	1	0	15.32	15.44	15.37	16.5	0	
5	64QAM	1	12	15.37	15.36	15.27	16.5	0	
5	64QAM	1	24	15.43	15.35	15.35	16.5	0	
5	64QAM	12	0	15.37	15.40	15.44	16.5	0	
5	64QAM	12	13	15.39	15.37	15.41	16.5	0	
5	64QAM	25	0	15.41	15.32	15.31	16.5	0	
5	256QAM	1	0	15.33	15.38	15.35	16.5	0	
5	256QAM	1	12	15.31	15.49	15.49	16.5	0	
5	256QAM	1	24	15.47	15.48	15.48	16.5	0	
5	256QAM	12	0	15.44	15.43	15.35	16.5	0	
5	256QAM	12	7	15.27	15.29	15.27	16.5	0	
5	256QAM	12	13	15.35	15.27	15.29	16.5	0	
5	256QAM	25	0	15.41	15.50	15.38	16.5	0	

LTE Band 66 Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Channel	Power Low Ch. / High Ch. /	Power High Ch. /	Turn-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.13	22.21	22.18	23	0	
20	QPSK	1	40	22.16	22.01	22.18	23	0	
20	QPSK	1	80	22.14	22.03	22.10	23	0	
20	QPSK	50	0	22.00	22.18	22.04	23	0	
20	QPSK	50	24	22.15	22.17	22.03	23	0	
20	QPSK	50	50	22.00	22.10	22.00	23	0	
20	QPSK	100	0	21.99	22.14	21.99	23	0	
20	16QAM	1	0	21.99	22.12	22.11	23	0	
20	16QAM	1	40	21.96	22.06	22.06	23	0	
20	16QAM	1	80	22.01	22.01	22.01	23	0	
20	16QAM	50	0	20.90	21.01	20.95	22	1	
20	16QAM	50	24	20.98	21.06	20.99	22	1	
20	16QAM	50	50	20.92	21.01	20.95	22	1	
20	16QAM	100	0	20.90	20.98	20.95	22	1	
20	64QAM	1	0	20.90	20.86	20.86	22	1	
20	64QAM	1	40	21.04	21.04	20.95	22	1	
20	64QAM	1	80	20.93	20.96	20.98	22	1	
20	64QAM	50	0	19.98	19.99	19.94	21	2	
20	64QAM	50	24	19.97	19.97	19.94	21	2	
20	64QAM	50	50	19.94	19.91	19.95	21	2	
20	64QAM	100	0	19.99	19.97	19.95	21	2	
20	256QAM	1	0	17.84	17.88	17.88	19	4	
20	256QAM	1	40	18.01	17.95	17.88	19	4	
20	256QAM	1	80	17.97	17.95	17.95	19	4	
20	256QAM	50	0	17.97	17.97	17.95	19	4	
20	256QAM	50	24	17.93	17.99	18.08	19	4	
20	256QAM	50	50	17.93	17.95	17.95	19	4	
20	256QAM	100	0	18.08	17.94	17.93	19	4	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.06	22.16	22.06	23	0	
10	QPSK	1	40	22.07	21.92	22.07	23	0	
10	QPSK	1	74	22.03	21.99	22.07	23	0	
10	QPSK	36	0	21.93	22.05	21.87	23	0	
10	QPSK	36	20	22.03	22.05	21.87	23	0	
10	QPSK	36	36	21.89	21.93	21.89	23	0	
10	QPSK	75	0	21.91	22.05	21.89	23	0	
10	16QAM	1	0	21.81	21.92	21.87	23	0	
10	16QAM	1	37	21.83	21.98	21.98	23	0	
10	16QAM	1	74	21.97	21.89	22.02	23	0	
10	16QAM	36	0	20.82	20.88	20.88	22	1	
10	16QAM	36	20	20.78	21.03	20.89	22	1	
10	16QAM	36	36	20.82	20.79	20.79	22	1	
10	16QAM	75	0	20.69	20.78	20.88	22	1	
10	64QAM	1	0	20.77	20.69	20.70	22	1	
10	64QAM	1	37	20.82	20.85	20.85	22	1	
10	64QAM	1	74	20.74	20.92	20.95	22	1	
10	64QAM	36	0	19.98	19.96	19.79	21	2	
10	64QAM	36	20	19.98	19.76	19.88	21	2	
10	64QAM	36	36	19.98	19.74	19.88	21	2	
10	64QAM	75	0	19.98	19.80	19.93	21	2	
10	256QAM	1	0	17.75	17.87	17.87	19	4	
10	256QAM	1	37	18.03	17.80	17.88	19	4	
10	256QAM	1	74	17.76	17.91	17.88	19	4	
10	256QAM	36	0	17.77	17.91	17.88	19	4	
10	256QAM	36	20	17.72	17.83	18.00	19	4	
10	256QAM	36	36	17.74	17.83	17.88	19	4	
10	256QAM	75	0	17.96	17.75	17.81	19	4	
Channel									
Frequency (MHz)									
5	QPSK	1	0	21.97	22.15	22.04	23	0	
5	QPSK	1	25	21.96	21.92	22.11	23	0	
5	QPSK	1	40	22.01	21.88	22.07	23	0	
5	QPSK	25	0	21.87	22.10	21.91	23	0	
5	QPSK	25	12	22.05	22.11	21.93	23	0	
5	QPSK	25	25	21.89	21.92	21.87	23	0	
5	QPSK	50	0	21.81	21.85	21.85	23	0	
5	16QAM	1	0	21.75	21.88	21.92	23	0	
5	16QAM	1	40	21.99	21.83	21.99	23	0	
5	16QAM	1	80	21.96	21.84	21.96	23	0	
5	16QAM	25	0	20.78	20.99	20.80	22	1	
5	16QAM	25	12	20.84	20.76	20.91	22	1	
5	16QAM	25	25	20.86	20.77	20.99	22	1	
5	16QAM	50	0	20.86	20.74	20.85	22	1	
5	16QAM	50	24	21.05	20.98	20.89	22	1	
5	16QAM	50	40	20.76	20.94	20.99	22	1	
5	16QAM	25	0	19.81	19.77	19.78	21	2	
5	16QAM	25	12	19.82	19.92	19.94	21	2	
5	16QAM	25	25	19.88	19.91	19.82	21	2	
5	16QAM	50	0	19.76	19.88	19.76	21	2	
5	256QAM	1	0	17.60	17.73	17.67	19	4	
5	256QAM	1	37	17.88	17.65	17.73	19	4	
5	256QAM	1	74	17.61	17.77	17.77	19	4	
5	256QAM	36	0	17.61	17.77	17.77	19	4	
5	256QAM	36	20	17.56	17.67	17.88	19	4	
5	256QAM	36	36	17.58	17.67	17.73	19	4	
5	256QAM	75	0	17.80	17.54	17.61	19	4	
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.07	22.07	22.07	23	0	
1.4	QPSK	1	14	22.03	22.18	22.08	23	0	
1.4	QPSK	1	28	22.08	22.08	22.08	23	0	
1.4	QPSK	3	0	22.15	22.07	22.02	23	0	
1.4	QPSK	3	14	22.02	22.12	22.02	23	0	
1.4	QPSK	3	28	22.09	22.08	22.08	23	0	
1.4	QPSK	6	0	21.92	22.06	21.92	23	0	
1.4	16QAM	1	0	22.00	22.09	22.00	23	0	
1.4	16QAM	1	14	22.01	22.09	22.01	23	0	
1.4	16QAM	1	28	22.05	22.05	22.05	23	0	
1.4	16QAM	3	0	21.79	21.99	21.79	23	0	
1.4	16QAM	3	14	21.83	21.99	21.83	23	0	
1.4	16QAM	3	28	22.00	21.91	22.01	23	0	
1.4	16QAM	6	0	21.88	21.98	21.88	22	1	
1.4	16QAM	6	14	21.92	21.98	21.92	22	1	
1.4	16QAM	6	28	21.96	21.98	21.96	22	1	
1.4	16QAM	12	0	20.98	20.98	20.98	22	1	
1.4	16QAM	12	14	20.94	20.94	20.94	22	1	
1.4	16QAM	12	28	20.92	20.97	20.97	22	1	
1.4	64QAM	1	0	20.91	20.87	20.89	22	1	
1.4	64QAM	1	14	20.93	20.87	20.87	22	1	
1.4	64QAM	1	28	20.93	20.85	20.85	22	1	
1.4	64QAM	3	0	20.87	20.96	20.87	22	1	
1.4	64QAM	3	14	20.87	20.96	20.87	22	1	
1.4	64QAM	3	28	20.87	20.96	20.87	22	1	
1.4	64QAM	6	0	19.87	19.76	19.77	21	2	
1.4	256QAM	1	0	17.49	17.81	17.68	18	4	
1.4	256QAM	1	14	17.47	17.81	17.68	18	4	
1.4	256QAM	1	28	17.47	17.81	17.68	18	4	
1.4	256QAM	3	0	17.37	17.60	17.67	18	4	
1.4	256QAM	3	14	17.37	17.60	17.67	18	4	
1.4	256QAM	3	28	17.37	17.60	17.67	18	4	
1.4	256QAM	6	0	17.37	17.60	17.67	18	4	

LTE Band 38 Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Pmax	Power Mid Ch / Pmax	Power High Ch / Pmax	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	14.03	14.08	14.06				
20	QPSK	1	49	13.88	13.89	14.00	15.5	0		
20	QPSK	1	99	13.62	13.98	13.93				
20	QPSK	50	0	13.99	14.04	13.97				
20	QPSK	50	24	13.96	13.98	13.81				
20	QPSK	50	50	13.98	14.01	13.98	15.5	0		
20	QPSK	100	0	13.88	14.01	13.88				
20	16QAM	1	0	14.02	13.96	13.97				
20	16QAM	1	49	14.07	13.79	13.59	15.5	0		
20	16QAM	1	99	13.99	13.94	13.80				
20	16QAM	50	0	13.99	13.96	13.86				
20	16QAM	50	24	13.96	14.07	13.84	15.5	0		
20	16QAM	50	50	13.92	13.84	13.90				
20	16QAM	100	0	13.91	13.84	13.91				
20	64QAM	1	0	13.92	13.93	13.82				
20	64QAM	1	49	13.79	14.00	13.79	15.5	0		
20	64QAM	1	99	13.93	13.75	13.98				
20	64QAM	50	0	13.89	13.87	13.98				
20	64QAM	50	24	13.99	13.77	14.01	15.5	0		
20	64QAM	50	50	13.90	13.77	14.03				
20	64QAM	100	0	13.86	13.87	13.80				
20	256QAM	1	0	13.93	13.98	13.88				
20	256QAM	1	49	13.94	13.79	13.82	15.5	0		
20	256QAM	1	99	13.92	14.03	13.98				
20	256QAM	50	0	13.92	13.91	13.84				
20	256QAM	50	24	13.90	13.84	13.99	15.5	0		
20	256QAM	50	50	13.96	13.79	13.84				
20	256QAM	100	0	13.92	13.85	13.88				
Channel										
Frequency (MHz)										
15	QPSK	1	0	13.67	14.02	14.00				
15	QPSK	1	37	13.88	13.75	13.82	15.5	0		
15	QPSK	1	74	13.62	13.89	13.88				
15	QPSK	36	0	13.79	13.88	13.88				
15	QPSK	36	20	13.90	13.68	13.74	15.5	0		
15	QPSK	36	39	13.62	13.67	13.82				
15	QPSK	75	0	13.75	13.91	13.80				
15	16QAM	1	0	13.84	13.85	13.64				
15	16QAM	1	37	14.02	13.75	13.93	15.5	0		
15	16QAM	1	74	13.94	13.81	13.64				
15	16QAM	36	0	13.92	13.92	13.84				
15	16QAM	36	20	13.63	13.90	13.75	15.5	0		
15	16QAM	36	39	13.75	13.72	13.74				
15	16QAM	75	0	13.73	13.92	13.81				
15	64QAM	1	0	13.86	13.76	13.71				
15	64QAM	1	37	13.60	13.88	13.70	15.5	0		
15	64QAM	1	74	13.63	13.69	13.65				
15	64QAM	36	0	13.70	13.78	13.92				
15	64QAM	36	20	13.94	13.66	13.86	15.5	0		
15	64QAM	36	39	13.64	13.61	13.85				
15	64QAM	75	0	13.81	13.69	13.69				
15	256QAM	1	37	13.89	13.73	13.72	15.5	0		
15	256QAM	1	74	13.87	13.88	13.88				
15	256QAM	36	0	13.70	13.64	13.86				
15	256QAM	36	20	13.70	13.74	13.94	15.5	0		
15	256QAM	36	39	13.75	13.61	13.67				
15	256QAM	75	0	13.74	13.70	13.71				
Channel										
Frequency (MHz)										
10	QPSK	1	0	13.90	13.95	14.00				
10	QPSK	1	25	13.78	13.83	13.86	15.5	0		
10	QPSK	1	49	13.67	13.92	13.80				
10	QPSK	25	0	13.89	13.81	13.93				
10	QPSK	25	12	13.88	13.61	13.67	15.5	0		
10	QPSK	25	25	13.74	13.89	13.74				
10	16QAM	1	0	13.67	13.90	13.59				
10	16QAM	1	25	13.74	13.64	13.63	15.5	0		
10	16QAM	1	49	13.89	13.81	13.63				
10	16QAM	25	0	13.93	13.68	13.71				
10	16QAM	25	12	13.94	13.99	13.79	15.5	0		
10	16QAM	25	25	13.63	13.69	13.81				
10	16QAM	50	0	13.72	13.66	13.85				
10	16QAM	50	1	13.81	13.67	13.66	15.5	0		
10	64QAM	1	25	13.63	13.95	13.67				
10	64QAM	1	49	13.94	13.74	13.92				
10	64QAM	25	12	13.86	13.63	13.88	15.5	0		
10	64QAM	25	25	13.81	13.63	13.83				
10	64QAM	50	0	13.84	13.77	13.76				
10	256QAM	1	5	13.99	13.60	13.69	15.5	0		
10	256QAM	1	25	13.70	13.64	13.64				
10	256QAM	1	49	13.82	13.96	13.88				
10	256QAM	25	0	13.67	13.75	13.79	15.5	0		
10	256QAM	25	12	13.92	13.71	13.81				
10	256QAM	25	25	13.74	13.68	13.79				
10	256QAM	50	0	13.74	13.60	13.80				
Channel										
Frequency (MHz)										
5	QPSK	1	0	13.91	14.01	13.91				
5	QPSK	1	12	13.89	13.70	13.95	15.5	0		
5	QPSK	1	24	13.70	13.63	13.83				
5	QPSK	12	0	13.80	13.99	13.80				
5	QPSK	12	7	13.77	13.63	13.71	15.5	0		
5	QPSK	12	13	13.63	13.86	13.79				
5	QPSK	25	0	13.69	13.91	13.83				
5	16QAM	1	0	13.67	13.77	13.72				
5	16QAM	1	12	13.88	13.69	13.85	15.5	0		
5	16QAM	1	24	13.96	13.76	13.61				
5	16QAM	12	0	13.89	13.77	13.79				
5	16QAM	12	7	13.81	13.87	13.75	15.5	0		
5	16QAM	12	13	13.63	13.69	13.81				
5	16QAM	25	0	13.74	13.79	13.74				
5	16QAM	1	0	13.88	13.82	13.67				
5	64QAM	1	12	13.79	13.94	13.60	15.5	0		
5	64QAM	1	24	13.67	13.64	13.78				
5	64QAM	12	0	13.79	13.79	13.87				
5	64QAM	12	7	13.89	13.63	13.86	15.5	0		
5	64QAM	12	13	13.71	13.60	13.93				
5	256QAM	1	5	13.81	13.79	13.69				
5	256QAM	1	0	14.00	13.91	13.72	15.5	0		
5	256QAM	1	12	13.77	13.69	13.63				
5	256QAM	1	24	13.61	13.85	13.80				
5	256QAM	12	0	13.74	13.76	13.64				
5	256QAM	12	7	13.81	13.65	13.82	15.5	0		
5	256QAM	12	13	13.72	13.68	13.79				
5	256QAM	25	0	13.78	13.90	13.69				

LTE Band 41 Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Pmax	Power Low-Mid Ch / Pmax	Power Mid-High Ch / Pmax	Power High Ch / Pmax	Tune-up limit (dBm)	MPR (dB)	
Channel										
Frequency (MHz)										
20	QPSK	1	0	14.41	14.54	14.55	14.25			
20	QPSK	1	49	14.30	14.26	14.28	14.49	14.53	15.5	0
20	QPSK	1	99	14.27	14.25	14.53	14.53	14.52		
20	QPSK	50	0	14.43	14.48	14.53	14.48	14.38		
20	QPSK	50	24	14.34	14.32	14.49	14.30	14.40		
20	QPSK	50	50	14.45	14.41	14.44	14.50	14.25	15.5	0
20	QPSK	100	0	14.42	14.35	14.48	14.30	14.40		
20	16QAM	1	0	14.26	14.40	14.43	14.30	14.41		
20	16QAM	1	49	14.52	14.37	14.29	14.46	14.25	15.5	0
20	16QAM	1	99	14.26	14.26	14.44	14.33	14.25		
20	16QAM	50	0	14.33	14.41	14.27	14.42	14.43		
20	16QAM	50	24	14.40	14.46	14.46	14.42	14.53	15.5	0
20	16QAM	50	50	14.36	14.30	14.45	14.53	14.44		
20	16QAM	100	0	14.32	14.40	14.37	14.35	14.29		
20	64QAM	1	0	14.32	14.43	14.42	14.45	14.30		
20	64QAM	1	49	14.50	14.26	14.46	14.48	14.48	15.5	0
20	64QAM	1	99	14.29	14.34	14.52	14.39	14.30		
20	64QAM	50	0	14.42	14.24	14.33	14.30	14.53		
20	64QAM	50	24	14.27	14.42	14.37	14.53	14.26	15.5	0
20	64QAM	50	50	14.44	14.24	14.43	14.37	14.30		
20	256QAM	1	0	14.32	14.43	14.42	14.45	14.30		
20	256QAM	1	49	14.47	14.32	14.29	14.46	14.25	15.5	0
20	256QAM	1	99	14.44	14.46	14.41	14.53	14.44		
20	256QAM	50	0	14.46	14.50	14.39	14.24	14.36		
20	256QAM	50	24	14.53	14.52	14.54	14.48	14.59	15.5	0
20	256QAM	50	50	14.30	14.33	14.48	14.42	14.35		
20	256QAM	100	0	14.37	14.49	14.45	14.35	14.27		
Init										
15	QPSK	1	0	15.015	15.043	15.050	15.073	15.067		MPR (dB)
15	QPSK	1	0	14.31	14.36	14.38	14.08	14.16		
15	QPSK	1	49	14.15	14.13	14.14	14.41	14.38	15.50	0
15	QPSK	1	74	14.10	14.16	14.40	14.44	14.35		
15	QPSK	1	99	14.11	14.15	14.45	14.45	14.38		
15	QPSK	36	0	14.11	14.16	14.45	14.38	14.28		
15	QPSK	36	17	14.05	14.22	14.48	14.38	14.28	15.5	0
15	QPSK	36	36	14.38	14.22	14.28	14.34	14.11		
15	16QAM	1	0	14.17	14.17	14.41	14.16	14.25		
15	16QAM	1	0	14.10	14.32	14.45	14.20	14.28		
15	16QAM	1	37	14.33	14.24	14.12	14.38	14.12	15.5	0
15	16QAM	1	62	14.12	14.21	14.27	14.35	14.28		
15	16QAM	36	0	14.17	14.25	14.18	14.24	14.26		
15	16QAM	36	20	14.22	14.34	14.29	14.36	14.15	15.5	0
15	16QAM	36	37	14.17	14.21	14.27	14.35	14.28		
15	16QAM	72	0	14.19	14.22	14.30	14.17	14.11		
15	64QAM	1	0	14.21	14.26	14.23	14.08	14.21		
15	64QAM	1	49	14.18	14.20	14.29	14.30	14.28	15.5	0
15	64QAM	1	99	14.32	14.18	14.34	14.28	14.24		
15	64QAM	36	0	14.34	14.41	14.28	14.14	14.31		
15	64QAM	36	20	14.10	14.12	14.17	14.33	14.15	15.5	0
15	64QAM	36	37	14.17	14.16	14.20	14.40	14.28		
15	64QAM	72	0	14.21	14.13	14.30	14.20	14.22		
Init										
10	QPSK	1	0	14.090	14.090	14.090	14.090	14.090		MPR (dB)
10	QPSK	1	0	14.29	14.48	14.46	14.05	14.09		
10	QPSK	1	49	14.12	14.17	14.36	14.40	14.38	15.50	0
10	QPSK	1	99	14.20	14.16	14.42	14.43	14.41		
10	QPSK	25	0	14.26	14.34	14.45	14.41	14.31		
10	QPSK	25	12	14.29	14.37	14.36	14.38	14.36	15.5	0
10	QPSK	25	25	14.29	14.35	14.27	14.40	14.18		
10	QPSK	50	0	14.31	14.24	14.39	14.13	14.35		
10	QPSK	50	25	14.36	14.37	14.40	14.33	14.21	15.5	0
10	16QAM	1	26	14.46	14.24	14.10	14.30	14.16	15.5	0
10	16QAM	1	69	14.06	14.20	14.29	14.36	14.20		
10	16QAM	25	12	14.28	14.25	14.22	14.24	14.22	15.5	0
10	16QAM	25	25	14.29	14.28	14.35	14.34	14.22		
10	16QAM	50	25	14.18	14.11	14.31	14.41	14.26		
10	16QAM	50	50	14.19	14.20	14.21	14.20	14.21	15.5	0
10	64QAM	1	0	14.13	14.30	14.26	14.38	14.25		
10	64QAM	1	49	14.14	14.33	14.38	14.33	14.21	15.5	0
10	64QAM	1	99	14.20	14.25	14.34	14.31	14.28		
10	64QAM	25	0	14.36	14.04	14.20	14.15	14.38		
10	64QAM	25	12	14.25	14.25	14.25	14.25	14.25	15.5	0
10	64QAM	25	25	14.20	14.19	14.33	14.16	14.31		
10	64QAM	50	0	14.11	14.20	14.34	14.26	14.11		
10	256QAM	1	0	14.13	14.31	14.31	14.40	14.28	15.5	0
10	256QAM	1	25	14.32	14.24	14.14	14.46	14.34		
10	256QAM	25	12	14.29	14.29	14.26	14.34	14.24		
10	256QAM	25	25	14.26	14.31	14.26	14.31	14.26	15.5	0
10	256QAM	50	12	14.19	14.14	14.14	14.29	14.24		
10	256QAM	50	25	14.22	14.44	14.40	14.26	14.22	15.5	0
10	256QAM	100	0	14.22	14.18	14.31	14.23	14.23		
Channel										
5	QPSK	1	0	14.33	14.44	14.42	14.13	14.12		MPR (dB)
5	QPSK	1	12	14.21	14.20	14.23	14.42	14.44	15.50	0
5	QPSK	1	103	14.10	14.10	14.10	14.41	14.37		
5	QPSK	12	0	14.27	14.28	14.44	14.31	14.29		
5	QPSK	12	7	14.18	14.17	14.40	14.27	14.11	15.5	0
5	QPSK	12	103	14.12	14.12	14.12	14.43	14.33		
5	QPSK	25	0	14.24	14.20	14.39	14.29	14.23	15.5	0
5	16QAM	1	0	14.21	14.44	14.39	14.31	14.28		
5	16QAM	1	12	14.25	14.25	14.25	14.25	14.25	15.5	0
5	16QAM	1	103	14.13	14.13	14.33	14.38	14.34		
5	16QAM	12	0	14.25	14.25	14.25	14.25	14.25	15.5	0
5	16QAM	12	7	14.18	14.18	14.38	14.40	14.28		
5	16QAM	12	103	14.10	14.10	14.10	14.34	14.28		
5	256QAM	1	0	14.37	14.26	14.16	14.34	14.33	15.5	0
5	256QAM	1	12	14.25	14.36	14.36	14.26	14.28		
5	256QAM	12	0	14.38	14.38	14.23	14.38	14.28	15.5	0
5	256QAM	12	7	14.24	14.38	14.23	14.38	14.28		
5	256QAM	12	103	14.25	14.25	14.25	14.25	14.25	15.5	0
5	256QAM	12	13	14.24	14.35	14.27	14.28	14.27		

LTE Band 7 Other PA Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Low Ch. / 2010	Middle Ch. / 2035	High Ch. / 2100	Turn-up (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.93	22.97	23.05	24	0		
20	QPSK	1	49	22.94	22.98	23.03				
20	QPSK	1	99	22.87	22.90	22.91				
20	QPSK	50	0	21.86	22.05	22.01				
20	QPSK	50	24	21.82	21.97	21.91	23	1		
20	16QAM	1	0	22.92	23.01	23.08				
20	16QAM	1	49	21.84	21.97	21.90				
20	16QAM	1	99	22.71	22.88	22.96				
20	16QAM	50	0	20.94	21.00	21.01	22			
20	16QAM	50	24	21.01	20.86	20.93				
20	16QAM	50	50	20.97	20.99	20.98				
20	16QAM	100	0	20.95	20.99	20.98				
20	64QAM	1	0	21.05	21.05	20.99	22	2		
20	64QAM	1	49	21.00	20.99	20.98				
20	64QAM	50	0	20.03	19.97	19.98				
20	64QAM	50	24	19.98	19.95	19.98				
20	64QAM	50	50	19.87	19.89	19.85	21	3		
20	256QAM	1	0	17.84	17.87	17.84				
20	256QAM	1	49	17.80	17.75	17.76				
20	256QAM	1	99	17.91	17.91	17.75				
20	256QAM	50	0	17.83	17.75	17.82	19	5		
20	256QAM	50	24	17.85	17.81	17.83				
20	256QAM	50	50	17.71	17.75	17.87				
20	256QAM	100	0	17.74	17.82	17.84				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.72	22.88	23.05	24	0		
15	QPSK	1	37	22.72	22.84	22.94				
15	QPSK	1	74	22.74	22.83	22.83				
15	QPSK	36	0	21.78	22.01	21.80				
15	QPSK	36	39	21.63	21.95	21.89	23	1		
15	QPSK	75	0	21.91	21.87	21.96				
15	16QAM	1	0	22.73	22.73	22.73				
15	16QAM	1	37	21.64	21.79	21.79				
15	16QAM	1	74	21.95	21.89	21.85	23	1		
15	16QAM	36	0	20.83	20.84	20.95				
15	16QAM	36	39	20.81	20.78	20.80				
15	16QAM	36	75	20.70	20.83	20.85				
15	16QAM	75	0	20.70	20.98	20.79	22	2		
15	64QAM	1	0	20.84	20.99	20.88				
15	64QAM	1	37	20.83	20.92	20.79				
15	64QAM	1	74	20.71	20.57	20.51				
15	64QAM	36	0	19.98	19.83	19.83	21	3		
15	64QAM	36	20	19.98	19.75	19.64				
15	64QAM	36	39	19.78	19.60	19.74				
15	64QAM	75	0	19.85	19.74	19.89				
15	256QAM	1	0	17.73	17.77	17.67	19	5		
15	256QAM	1	37	17.78	17.83	17.73				
15	256QAM	1	74	17.85	17.78	17.71				
15	256QAM	36	0	17.80	17.57	17.72				
15	256QAM	36	20	17.79	17.73	17.78	19	5		
15	256QAM	36	39	17.68	17.67	17.68				
15	256QAM	75	0	17.53	17.81	17.69				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.80	22.90	22.95	24	0		
10	QPSK	1	25	22.67	22.67	22.97				
10	QPSK	1	49	22.67	22.73	22.68				
10	QPSK	25	0	21.80	22.03	21.80				
10	QPSK	25	12	21.81	21.77	21.93	23	1		
10	QPSK	25	25	21.80	21.88	21.89				
10	QPSK	50	0	21.84	21.78	21.82				
10	16QAM	1	0	22.01	21.75	21.89				
10	16QAM	1	25	21.75	21.67	21.70	23	1		
10	16QAM	1	49	22.00	21.86	21.78				
10	16QAM	25	0	20.95	20.91	20.95				
10	16QAM	25	12	20.95	20.81	20.88				
10	16QAM	25	25	20.92	20.96	20.86	22	2		
10	16QAM	50	0	20.75	20.67	20.67				
10	64QAM	1	0	20.98	20.84	20.69				
10	64QAM	1	25	21.02	20.76	20.79				
10	64QAM	1	49	20.87	20.74	20.91	22	2		
10	64QAM	25	0	20.03	19.79	19.98				
10	64QAM	25	12	19.87	19.85	19.83				
10	64QAM	25	25	19.87	19.86	19.86				
10	64QAM	50	0	19.72	19.77	19.74	21	3		
10	256QAM	1	0	17.25	17.22	17.83				
10	256QAM	1	25	17.70	17.84	17.76				
10	256QAM	1	49	17.80	17.80	17.75				
10	256QAM	25	0	17.73	17.62	17.65	19	5		
10	256QAM	25	12	17.77	17.66	17.81				
10	256QAM	25	25	17.76	17.80	17.70				
10	256QAM	50	0	17.68	17.75	17.76				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.85	22.98	23.05	24	0		
5	QPSK	1	12	22.85	22.69	22.94				
5	QPSK	1	24	22.95	22.78	22.85				
5	QPSK	12	0	21.84	21.50	21.69				
5	QPSK	12	7	21.63	21.91	21.86	23	1		
5	QPSK	12	13	21.72	22.01	21.82				
5	QPSK	25	0	21.78	21.87	21.85				
5	16QAM	1	0	21.93	21.82	21.70				
5	16QAM	1	12	21.63	21.98	21.89	23	1		
5	16QAM	1	24	21.80	21.79	21.87				
5	16QAM	12	0	20.73	20.80	20.82				
5	16QAM	12	7	20.80	20.70	20.84				
5	16QAM	12	13	20.93	20.79	20.80	22	2		
5	16QAM	25	0	20.81	20.94	20.88				
5	64QAM	1	0	20.96	20.91	20.71				
5	64QAM	1	12	20.85	20.75	20.80				
5	64QAM	1	24	20.95	20.81	20.86	22	2		
5	64QAM	12	0	19.80	19.95	19.77				
5	64QAM	12	7	19.73	19.81	19.78				
5	64QAM	12	13	19.65	19.74	19.84				
5	64QAM	25	0	19.77	19.86	19.91	21	3		
5	256QAM	1	0	17.84	17.75	17.69				
5	256QAM	1	12	17.69	17.79	17.62				
5	256QAM	1	24	17.91	17.70	17.71				
5	256QAM	12	0	17.81	17.66	17.71	19	5		
5	256QAM	12	7	17.65	17.67	17.70				
5	256QAM	12	13	17.67	17.51	17.67				
5	256QAM	25	0	17.62	17.68	17.77				

LTE Band 30 Other PA Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Low Ch. / Ch. 1	Middle Ch. / Ch. 2	High Ch. / Ch. 3	Tune-up limit (dBm)	MPR (dB)	
Channel				2310	2335	2360			
Frequency (MHz)				22.43	22.43	22.43			
10	QPSK	1	0	22.43	22.43	22.43	24	0	
10	QPSK	1	25	22.35	22.35	22.35			
10	QPSK	1	49	22.40	22.40	22.40			
10	QPSK	25	0	21.58	21.58	21.58			
10	QPSK	25	12	21.54	21.54	21.54	23	1	
10	QPSK	25	36	21.60	21.60	21.60			
10	QPSK	50	0	21.54	21.54	21.54			
10	QPSK	50	25	21.60	21.60	21.60			
10	16QAM	1	0	21.54	21.54	21.54	23	1	
10	16QAM	1	25	21.50	21.50	21.50			
10	16QAM	1	49	21.54	21.54	21.54			
10	16QAM	25	0	20.65	20.65	20.65			
10	16QAM	25	12	20.62	20.62	20.62	22	2	
10	16QAM	25	36	20.68	20.68	20.68			
10	16QAM	50	0	20.65	20.65	20.65			
10	16QAM	50	25	20.70	20.70	20.70			
10	64QAM	1	25	20.41	20.41	20.41	22	2	
10	64QAM	1	49	20.38	20.38	20.38			
10	64QAM	25	0	20.38	20.38	20.38			
10	64QAM	25	12	20.35	20.35	20.35			
10	64QAM	25	36	20.41	20.41	20.41	21	3	
10	64QAM	25	60	20.38	20.38	20.38			
10	64QAM	50	0	20.38	20.38	20.38			
10	64QAM	50	25	20.41	20.41	20.41			
10	256QAM	1	0	17.33	17.33	17.33	19	5	
10	256QAM	1	25	17.28	17.28	17.28			
10	256QAM	1	49	17.30	17.30	17.30			
10	256QAM	25	0	17.31	17.31	17.31			
10	256QAM	25	12	17.28	17.28	17.28	19	5	
10	256QAM	25	36	17.34	17.34	17.34			
10	256QAM	50	0	17.31	17.31	17.31			
10	256QAM	50	25	17.33	17.33	17.33			
10	256QAM	50	0	17.42	17.42	17.42			
Frequency (MHz)				21668	21710	21730		MPR (dB)	
				2307.5	2331	2332.5			
5	QPSK	1	0	22.25	22.32	22.32	24	0	
5	QPSK	1	12	22.10	22.29	22.29			
5	QPSK	1	24	22.33	22.39	22.35			
5	QPSK	12	0	21.46	21.38	21.59			
5	QPSK	12	12	21.52	21.51	21.51	23	1	
5	QPSK	12	36	21.48	21.43	21.46			
5	QPSK	12	60	21.44	21.44	21.43			
5	QPSK	25	0	21.51	21.34	21.43			
5	16QAM	1	12	21.38	21.33	21.38	23	1	
5	16QAM	1	24	21.41	21.41	21.41			
5	16QAM	1	48	21.45	21.51	21.48			
5	16QAM	12	0	20.35	20.35	20.35			
5	16QAM	12	7	20.14	20.27	20.33	22	2	
5	16QAM	12	19	20.48	20.42	20.52			
5	16QAM	25	0	20.51	20.41	20.43			
5	16QAM	25	1	20.41	20.41	20.43			
5	64QAM	1	0	20.33	20.42	20.39	22	2	
5	64QAM	1	12	20.30	20.30	20.30			
5	64QAM	1	24	20.30	20.32	20.30			
5	64QAM	12	0	19.23	19.37	19.38			
5	64QAM	12	13	19.26	19.26	19.26	21	3	
5	64QAM	12	35	19.18	19.20	19.31			
5	64QAM	25	0	19.44	19.45	19.42			
5	64QAM	25	11	17.18	17.16	17.20			
5	256QAM	1	12	17.45	17.47	17.48	19	5	
5	256QAM	1	24	17.14	17.30	17.30			
5	256QAM	12	0	17.25	17.25	17.23			
5	256QAM	12	7	17.25	17.41	17.31			
5	256QAM	12	7	17.21	17.26	17.21	19	5	
5	256QAM	12	19	17.25	17.25	17.25			
5	256QAM	25	0	17.25	17.25	17.25			
5	256QAM	25	0	17.25	17.25	17.25			

LTE Band 38 Other PA Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-on time (ms)	MPR (dB)		
Channel Frequency (MHz)										
10	QPSK	1	0	22.22	22.23	22.10				
20	QPSK	1	49	22.29	22.25	22.16			24	0
20	QPSK	1	89	22.21	22.50	22.21				
20	QPSK	50	0	21.54	21.58	21.38			23	1
20	QPSK	50	24	21.52	21.31	21.39				
20	QPSK	50	50	21.46	21.35	21.37				
20	QPSK	100	0	21.25	21.32	21.31				
20	16QAM	1	49	21.25	21.33	21.38			23	1
20	16QAM	1	89	21.38	21.46	21.40				
20	16QAM	50	0	20.31	20.43	20.51				
20	16QAM	50	24	20.32	20.20	20.20			22	2
20	16QAM	50	50	20.38	20.51	20.47				
20	16QAM	100	0	20.38	20.40	20.36				
20	64QAM	1	0	20.30	20.44	20.49				
20	64QAM	1	49	20.39	20.33	20.23			22	2
20	64QAM	1	89	20.30	20.39	20.24				
20	64QAM	50	0	19.23	19.27	19.30				
20	64QAM	50	24	19.24	19.42	19.33			21	3
20	64QAM	50	50	19.30	19.30	19.29				
20	64QAM	100	0	19.46	19.46	19.42				
20	256QAM	1	37	17.17	17.31	17.18			19	5
20	256QAM	1	74	17.43	17.43	17.44				
20	256QAM	1	89	17.19	17.17	17.31				
20	256QAM	50	0	17.22	17.30	17.33				
20	256QAM	50	24	17.40	17.20	17.34			19	5
20	256QAM	50	50	17.39	17.42	17.25				
20	256QAM	100	0	17.25	17.31	17.26				
Channel Frequency (MHz)										
15	QPSK	1	0	22.10	22.22	22.20				
15	QPSK	1	37	22.09	22.14	22.17			24	0
15	QPSK	1	89	22.11	22.10	22.13				
15	QPSK	36	0	21.36	21.54	21.21				
15	QPSK	36	20	21.40	21.33	21.18			23	1
15	QPSK	36	50	21.32	21.30	21.25				
15	16QAM	1	0	21.11	21.23	21.23				
15	16QAM	1	37	21.14	21.29	21.36			23	1
15	16QAM	1	74	21.33	21.34	21.39				
15	16QAM	36	0	20.35	20.38	20.43				
15	16QAM	36	20	20.23	20.18	20.08			22	2
15	16QAM	36	50	20.18	20.52	20.38				
15	16QAM	75	0	20.24	20.23	20.22				
15	64QAM	1	0	20.32	20.24	20.50				
15	64QAM	1	37	20.34	20.20	20.10			22	2
15	64QAM	1	74	20.15	20.20	20.19				
15	64QAM	36	0	19.23	19.08	19.15				
15	64QAM	36	20	19.24	19.22	19.30			21	3
15	64QAM	36	50	19.25	19.21	19.19				
15	64QAM	75	0	19.44	19.33	19.28				
15	256QAM	1	37	17.31	17.29	17.37			19	
15	256QAM	1	74	17.16	17.18	17.22				
15	256QAM	36	0	17.25	17.30	17.17				
15	256QAM	36	20	17.22	17.11	17.22			19	5
15	256QAM	36	50	17.31	17.25	17.11				
15	256QAM	75	0	17.15	17.13	17.12				
Channel Frequency (MHz)										
10	QPSK	1	0	22.04	22.49	22.23				
10	QPSK	1	25	22.17	22.22	22.16			24	0
10	QPSK	1	49	22.08	22.19	22.08				
10	QPSK	25	0	21.64	21.44	21.20				
10	QPSK	25	12	21.54	21.38	21.24			23	1
10	QPSK	25	24	21.57	21.42	21.25				
10	QPSK	50	0	21.21	21.17	21.21				
10	16QAM	1	0	21.07	21.33	21.30			23	1
10	16QAM	1	25	21.16	21.29	21.28				
10	16QAM	25	0	20.11	20.30	20.39				
10	16QAM	25	12	20.32	20.10	20.02			22	2
10	16QAM	25	25	20.31	20.37	20.29				
10	16QAM	50	0	20.19	20.22	20.35				
10	16QAM	1	0	20.33	20.23	20.43			22	2
10	16QAM	1	25	20.28	20.14	20.22				
10	16QAM	1	49	20.22	20.28	20.19				
10	16QAM	25	0	19.24	19.14	19.10			21	3
10	64QAM	25	12	19.03	19.38	19.28				
10	64QAM	25	25	19.34	19.11	19.15				
10	64QAM	50	0	19.28	19.48	19.43				
10	256QAM	1	0	17.06	17.15	17.14				
10	256QAM	1	25	17.47	17.30	17.31			19	5
10	256QAM	1	49	17.05	17.01	17.18				
10	256QAM	25	0	17.00	17.28	17.15				
10	256QAM	25	12	17.20	17.20	17.24			19	5
10	256QAM	25	25	17.33	17.40	17.11				
10	256QAM	50	0	17.16	17.16	17.12				
Channel Frequency (MHz)										
5	QPSK	1	0	22.12	22.04	22.24				
5	QPSK	1	12	22.12	22.03	22.13			24	0
5	QPSK	1	24	22.14	22.14	22.06				
5	QPSK	12	0	21.60	21.40	21.17				
5	QPSK	12	7	21.34	21.20	21.20			23	1
5	QPSK	12	13	21.37	21.20	21.19				
5	QPSK	25	0	21.15	21.31	21.30				
5	16QAM	1	0	21.11	21.34	21.36			23	1
5	16QAM	1	12	21.28	21.33	21.24				
5	16QAM	1	24	21.00	21.35	21.22				
5	16QAM	12	0	20.19	20.37	20.46				
5	16QAM	12	7	20.14	20.16	20.09			23	1
5	16QAM	12	13	20.28	20.31	20.26				
5	16QAM	25	0	20.23	20.29	20.25			22	2
5	16QAM	1	0	20.34	20.34	20.38				
5	64QAM	1	12	20.21	20.28	20.25				
5	64QAM	1	24	20.31	20.30	20.21				
5	64QAM	12	0	19.15	19.08	19.20				
5	64QAM	12	7	19.03	19.36	19.12			21	3
5	64QAM	12	13	19.17	19.20	19.16				
5	64QAM	25	0	19.26	19.46	19.26				
5	256QAM	1	0	17.33	17.27	17.07				
5	256QAM	1	12	17.40	17.38	17.44			19	5
5	256QAM	1	24	17.14	17.14	17.16				
5	256QAM	12	0	17.02	17.23	17.19				
5	256QAM	12	7	17.30	17.02	17.25			19	5
5	256QAM	12	13	17.32	17.38	17.14				
5	256QAM	25	0	17.21	17.13	17.05				

LTE Band 41 Other PA Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-on time (ms)	MPR (dB)		
Channel Frequency (MHz)										
20	QPSK	1	0	22.89	22.93	23.01	22.95	22.83	24	0
20	QPSK	1	49	22.74	22.90	23.00	22.89	22.84		
20	QPSK	1	89	22.60	22.93	22.72	22.72	22.83		
20	QPSK	50	0	21.88	21.91	22.06	21.90	21.87	23	1
20	QPSK	50	24	21.84	21.93	21.78	21.78	21.83		
20	QPSK	50	50	21.83	21.78	21.69	21.69	21.80		
20	16QAM	1	0	21.89	21.72	21.68	21.92	21.79	23	0
20	16QAM	1	49	21.74	21.65	21.66	21.70	21.75		
20	16QAM	1	89	21.68	21.98	21.76	21.71	21.50		
20	16QAM	50	0	20.91	20.95	20.98	20.90	20.74	22	0
20	16QAM	50	24	20.86	20.81	20.90	20.85	20.84		
20	16QAM	50	50	20.96	20.92	20.94	20.82	20.80		
20	16QAM	100	0	20.89	20.92	20.89	20.85	20.84	22	0
20	16QAM	100	24	20.84	20.83	20.82	20.79	20.77		
20	64QAM	1	0	20.68	20.83	20.93	20.70	20.59		
20	64QAM	1	49	20.75	20.98	20.75	20.96	20.56	21	3
20	64QAM	50	0	19.79	19.92	19.85	19.68	19.63		
20	64QAM	50	24	19.88	19.73	19.70	19.84	19.73		
20	64QAM	50	50	19.85	19.75	19.91	19.75	19.83	19	5
20	256QAM	1	0	17.88	17.70	17.79	17.68	17.86		
20	256QAM	1	49	17.85	17.73	17.71	17.65	17.73		
20	256QAM	1	89	17.78	17.68	17.62	17.68	17.76	19	5
20	256QAM	50	0	17.62	17.62	17.64	17.91	17.67		
20	256QAM	50	24	17.85	17.68	17.78	17.77	17.71		
20	256QAM	50	50	17.75	17.69	17.84	17.57	17.71	19	5
20	256QAM	100	0	17.63	17.63	17.69	17.65	17.73		
Channel Frequency (MHz)										
15	QPSK	1	0	22.65	22.65	22.69	22.67	22.62	24	0
15	QPSK	1	49	22.50	22.76	22.62	22.72	22.69		
15	QPSK	1	89	22.36	22.69	22.55	22.65	22.67		
15	QPSK	50	0	21.87	21.70	21.61	21.61	21.70	23	1
15	QPSK	50	24	21.70	21.73	21.64	21.55	21.70		
15	QPSK	50	50	21.64	21.64	21.55	21.46	21.67		
15	16QAM	1	0	21.83	21.67	21.60	21.65	21.72	23	0
15	16QAM	1	49	21.71	21.62	21.80	21.53	21.49		
15	16QAM	1	89	21.68	21.84	21.66	21.75	21.82		
15	16QAM	50	0	20.83	20.98	20.88	20.53	20.69	22	2
15	16QAM	50	24	20.59	20.72	20.83	20.51	20.40		
15	16QAM	50	50	20.86	20.83	20.90	20.62	20.75		
15	16QAM	100	0	20.78	20.62	20.61	20.54	20.76	22	2
15	16QAM	100	24	20.68	20.68	20.69	20.75	20.67		
15	16QAM	100	50	20.57	20.68	20.65	20.75	20.65		
15	64QAM	1	0	20.72	20.82	20.67	20.46	20.50	21	3
15	64QAM	1	49	20.65	20.81	20.65	20.43	20.58		
15	64QAM	36	26	19.66	19.61	19.75	19.83	19.56		
15	64QAM	36	39	19.79	19.63	19.62	19.91	19.65	19	5
15	64QAM	36	42	19.63	19.64	19.64	19.70	19.71		
15	256QAM	1	0	17.83	17.55	17.66	17.58	17.73		
15	256QAM	1	37	17.81	17.55	17.54	17.64	17.58	19	5
15	256QAM	1	49	17.78	17.63	17.63	17.50	17.61		
15	256QAM	36	26	17.48	17.75	17.83	17.80	17.36		
15	256QAM	36	29	17.68	17.63	17.63	17.68	17.61	19	5
15	256QAM	36	32	17.63	17.83	17.76	17.56	17.68		
15	256QAM	76	0	17.72	17.57	17.55	17.51	17.68		
Channel Frequency (MHz)										
10	QPSK	1	0	22.81	22.87	22.94	22.88	22.75	24	0
10	QPSK	1	49	22.66	22.92	22.88	22.92	22.89		
10	QPSK	1	89	22.50	22.71	22.60	22.68	22.44		
10	QPSK	25	0	21.74	21.81	21.96	21.53	21.68	23	1
10	QPSK	25	16	21.54	21.68	21.61	21.69	21.70		
10	QPSK	25	26	21.69	21.70	21.64	21.60	21.71		
10	QPSK	50	0	21.94	21.77	21.92	21.72	21.83	23	1
10	16QAM	25	0	21.81	21.66	21.81	21.59	21.70		
10	16QAM	1	26	21.75	21.62	21.78	21.54	21.57		
10	16QAM	50	0	21.21	21.87	20.84	21.67	21.41	22	2
10	16QAM	50	26	20.77	20.86	20.82	20.68	20.43		
10	16QAM	50	50	20.79	20.68	20.81	20.58	20.73		
10	16QAM	1	0	20.85	20.64	20.65	20.70	20.72	22	2
10	16QAM	1	49	20.76	20.73	20.84	20.66	20.72		
10	64QAM	1	0	20.72	20.75	20.65	20.81	20.73		
10	64QAM	25	0	19.80	19.81	19.82	19.96	19.59	21	0
10	64QAM	25	16	19.58	19.77	19.64	19.79	19.47		
10	64QAM	25	26	19.74	19.66	19.56	19.50	19.58		
10	64QAM	50	0	19.76	19.63	19.84	19.66	19.77	19	5
10	64QAM	50	16	19.56	19.62	19.69	19.78	19.69		
10	256QAM	1	0	17.82	17.55	17.58	17.58	17.62		
10	256QAM	1	49	17.81	17.63	17.63	17.54	17.65	19	5
10	256QAM	25	0	17.57	17.75	17.83	17.54	17.35		
10	256QAM	25	12	17.74	17.82	17.83	17.66	17.63		
10	256QAM	50	0	17.67	17.57	17.55	17.55	17.62	19	5
10	256QAM	50	16	17.57	17.75	17.83	17.54	17.35		
10	256QAM	50	26	17.74	17.82	17.83	17.66	17.63		
10	256QAM	100	0	17.61	17.53	17.55	17.54	17.55	19	5
10	256QAM	100	16	17.57	17.75	17.83	17.54	17.35		
10	256QAM	12	13	17.64	17.77	17.73	17.64	17.64		
Channel Frequency (MHz)										
5	QPSK	1	0	22.83	22.84	22.89	22.76	22.71	24	0
5	QPSK	1	12	22.64	22.80	22.89	22.59	22.59		
5	QPSK	1	24	22.45	22.83	22.82	22.47	22.47		
5	QPSK	12	0	21.79	21.78	21.93	21.57	21.76	23	1
5	QPSK	12	12	21.61	21.64	21.59	21.58	21.67		
5	QPSK	12	24	21.59	21.74	21.72	21.53	21.53		
5	QPSK	25	0	21.89	21.80	21.91	21.71	21.88	23	1
5	16QAM	12	0	21.81	21.66	21.81	21.57	21.67		
5	16QAM	1	12	21.78	21.63	21.73	21.55	21.50		
5	16QAM	1	24	21.54	21.90	21.67	21.65	21.45	22	2
5	16QAM	1	36	21.59	21.68	21.67	21.65	21.65		
5	16QAM	12	12	20.65	20.66	20.75	20.51	20.48		
5	16QAM	12	15	20.88	20.87	20.87	20.78	20.77	22	2
5	16QAM	12	24	20.79	20.80	20.80	20.78	20.78		
5	64QAM	1	0	20.82	20.69	20.63	20.74	20.61		
5	64QAM	1	12	20.60	20.73	20.80	20.63	20.49	21	3
5	64QAM	1	24	20.67	20.67	20.67	20.67	20.67		
5	64QAM	12	0	19.75	19.80	19.87	19.56	19.64		
5	64QAM	12	12	19.77	19.57	19.73	19.55	19.55	21	3
5	64QAM	12	15	19.76	19.59	19.55	19.60	19.62		
5	64QAM	25	0	19.70	19.64	19.76	19.67	19.72		
5	64QAM	25	12	19.68	19.68	19.73	19.73	19.76	19	5
5	256QAM	1	24	17.64	17.59	17.49	17.55	17.68		
5	256QAM	1	36	17.63	17.58	17.58	17.57	17.67		
5	256QAM	12	17	17.67	17.62	17.70	17.54	17.55	19	5
5	256QAM	12	19	17.64	17.77	17.73	17.64	17.64		
5	256QAM	12	21	17.64	17.77	17.73	17.64	17.64		

LTE Band 42 Part 96 Ant 2									
BW [MHz]	Modulatio n	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel Frequency (MHz)									
20 QPSK	1	0		22.66	22.68	22.80			
20 QPSK	1	49		22.30	22.60	22.46	24	0	
20 QPSK	1	99		22.47	22.55	22.51			
20 QPSK	50	0		22.44	22.64	22.44			
20 QPSK	50	24		22.50	22.62	22.49			
20 QPSK	50	50		22.45	22.57	22.51	24	0	
20 QPSK	100	0		22.51	22.63	22.58			
20 IQPSK	1	49		22.66	22.68	22.80			
20 IQPSK	1	99		22.62	22.50	22.53	24	0	
20 IQPSK	50	0		21.50	21.43	21.55			
20 IQPSK	50	24		21.53	21.54	21.82	23	1	
20 IQPSK	50	50		21.43	21.80	21.52			
20 IQPSK	100	0		21.53	21.54	21.56			
20 IQPSK	1	0		21.53	21.40	21.43			
20 IQPSK	1	49		21.52	21.59	21.60	23	1	
20 IQPSK	1	99		21.45	21.49	21.55			
20 IQPSK	50	0		20.43	20.45	20.50			
20 IQPSK	50	24		20.47	20.55	20.48			
20 IQPSK	50	50		20.63	20.56	20.46	22	2	
20 IQPSK	100	0		20.54	20.53	20.59			
20 IQPSK	1	49		18.66	18.72	18.75			
20 IQPSK	1	99		18.65	18.74	18.67	20	4	
20 IQPSK	1	99		18.67	18.68	18.71			
20 IQPSK	50	0		18.77	18.65	18.75			
20 IQPSK	50	24		18.71	18.77	18.63	20	4	
20 IQPSK	50	50		18.74	18.67	18.69			
20 IQPSK	100	0		18.64	18.67	18.65			
Channel Frequency (MHz)									
15 QPSK	1	0		22.50	22.60	22.52			
15 QPSK	1	37		22.44	22.53	22.31	24	0	
15 QPSK	1	74		22.41	22.51	22.31			
15 QPSK	36	0		22.30	22.57	22.36			
15 QPSK	36	20		22.55	22.40	22.52	24	0	
15 QPSK	36	40		22.49	22.46	22.44			
15 QPSK	75	0		22.41	22.57	22.52			
15 IQPSK	1	0		22.50	22.34	22.33			
15 IQPSK	1	37		22.44	22.35	22.40	24	0	
15 IQPSK	1	74		22.53	22.37	22.48			
15 IQPSK	36	0		21.48	21.31	21.37			
15 IQPSK	36	20		21.41	21.41	21.49	23	1	
15 IQPSK	36	39		21.29	21.52	21.42			
15 IQPSK	75	0		21.48	21.60	21.45			
15 IQPSK	1	0		21.41	21.31	21.31			
15 IQPSK	1	37		21.42	21.47	21.46	23	1	
15 IQPSK	1	74		21.33	21.42	21.56			
15 IQPSK	36	0		20.33	20.36	20.37			
15 IQPSK	36	20		20.38	20.40	20.43	22	2	
15 IQPSK	36	40		20.36	20.42	20.37			
15 IQPSK	75	0		20.47	20.43	20.45			
15 IQPSK	1	37		18.60	18.61	18.58	20	4	
15 IQPSK	1	74		18.60	18.49	18.54			
15 IQPSK	36	0		18.67	18.58	18.62			
15 IQPSK	36	20		18.62	18.71	18.55	20	4	
15 IQPSK	36	39		18.61	18.61	18.49			
15 IQPSK	75	0		18.51	18.72	18.55			
Channel Frequency (MHz)									
10 QPSK	1	0		22.50	22.58	22.51			
10 QPSK	1	25		22.36	22.60	22.36	24	0	
10 QPSK	1	49		22.30	22.42	22.42			
10 QPSK	25	0		22.56	22.55	22.32			
10 QPSK	25	12		22.55	22.36	22.48	24	0	
10 QPSK	25	24		22.47	22.47	22.38			
10 QPSK	50	0		22.42	22.52	22.47			
10 IQPSK	1	0		22.45	22.29	22.32			
10 IQPSK	1	49		22.46	22.30	22.38	24	0	
10 IQPSK	1	99		22.51	22.38	22.40			
10 IQPSK	25	0		21.45	21.28	21.59			
10 IQPSK	25	12		21.44	21.48	21.49	23	1	
10 IQPSK	25	25		21.38	21.52	21.40			
10 IQPSK	50	0		21.42	21.41	21.47			
10 IQPSK	50	12		21.34	21.42	21.56	23	1	
10 IQPSK	1	0		21.35	21.29	21.29			
10 IQPSK	1	25		21.41	21.28	21.53	23	1	
10 IQPSK	1	49		21.46	21.34	21.46			
10 IQPSK	25	0		20.37	20.31	20.39			
10 IQPSK	25	12		20.41	20.45	20.40	22	2	
10 IQPSK	25	25		20.37	20.42	20.36			
10 IQPSK	50	0		20.48	20.41	20.46			
10 IQPSK	1	0		18.55	18.66	18.63	20	4	
10 IQPSK	1	49		18.55	18.46	18.56			
10 IQPSK	25	0		18.68	18.56	18.67	20	4	
10 IQPSK	25	12		18.60	18.60	18.52			
10 IQPSK	25	25		18.62	18.57	18.46			
10 IQPSK	50	0		18.51	18.72	18.55			
Channel Frequency (MHz)									
5 QPSK	1	0		22.50	22.58	22.51			
5 QPSK	1	12		22.46	22.52	22.35	24	0	
5 QPSK	1	24		22.29	22.41	22.39			
5 QPSK	12	0		22.38	22.60	22.31			
5 QPSK	12	7		22.59	22.39	22.53	24	0	
5 QPSK	12	13		22.37	22.40	22.25			
5 QPSK	24	0		22.38	22.37	22.32			
5 IQPSK	1	0		22.25	22.14	22.24			
5 IQPSK	1	12		22.53	22.27	22.28	24	0	
5 IQPSK	1	24		22.40	21.35	21.35			
5 IQPSK	12	0		21.46	21.22	21.53	23	1	
5 IQPSK	12	7		21.42	21.38	21.57			
5 IQPSK	12	13		21.32	21.31	21.33	23	1	
5 IQPSK	24	0		21.37	21.27	21.39			
5 IQPSK	1	0		21.33	21.29	21.35			
5 IQPSK	1	12		21.40	21.33	21.43	23	1	
5 IQPSK	1	24		21.28	21.41	21.54			
5 IQPSK	12	7		20.37	20.30	20.38	22	2	
5 IQPSK	12	13		20.51	20.30	20.41			
5 IQPSK	24	0		20.45	20.45	20.39			
5 IQPSK	1	0		18.40	18.62	18.51	20	4	
5 IQPSK	1	12		18.36	18.59	18.49			
5 IQPSK	1	24		18.33	18.28	18.21	20	4	
5 IQPSK	12	0		18.74	18.39	18.40			
5 IQPSK	12	7		18.40	18.55	18.36	20	4	
5 IQPSK	12	13		18.64	18.55	18.59			
5 IQPSK	24	0		18.47	18.61	18.49			

LTE Band 42 Part 27Q Ant 2									
BW [MHz]	Modulatio n	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.57	22.60	22.63			
20	QPSK	1	49	22.56	22.60	22.46	24	0	
20	QPSK	1	99	22.43	22.54	22.46			
20	QPSK	50	0	22.37	22.63	22.29			
20	QPSK	50	24	22.50	22.62	22.49			
20	QPSK	50	50	22.58	22.57	22.47	24	0	
20	QPSK	100	0	22.46	22.47	22.46			
20	IQPSK	1	49	22.52	22.25	22.59	24	0	
20	IQPSK	1	99	22.61	22.40	22.40			
20	IQPSK	50	0	21.53	21.29	21.54			
20	IQPSK	50	24	21.55	21.36	21.41	23	1	
20	IQPSK	50	50	21.43	21.41	21.43			
20	IQPSK	100	0	21.59	21.49	21.59			
20	IQPSK	1	0	21.52	21.29	21.31			
20	IQPSK	1	49	21.47	21.37	21.39	23	1	
20	IQPSK	1	99	21.21	21.45	21.50			
20	IQPSK	50	0	20.37	20.33	20.51			
20	IQPSK	50	24	20.35	20.39	20.40	22	2	
20	IQPSK	50	50	20.52	20.35	20.47			
20	IQPSK	100	0	20.48	20.48	20.53			
20	IQPSK	1	49	18.52	18.64	18.52	20	4	
20	IQPSK	1	99	18.47	18.40	18.55			
20	IQPSK	50	0	18.70	18.57	18.54			
20	IQPSK	50	24	18.55	18.76	18.42	20	4	
20	IQPSK	50	50	18.72	18.62	18.58			
20	IQPSK	100	0	18.55	18.60	18.50			
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.46	22.60	22.50			
15	QPSK	1	37	22.37	22.53	22.35	24	0	
15	QPSK	1	74	22.31	22.51	22.52			
15	QPSK	36	0	22.18	22.52	22.25			
15	QPSK	36	20	22.50	22.22	22.47	24	0	
15	QPSK	36	40	22.28	22.48	22.44			
15	QPSK	75	0	22.44	22.37	22.24			
15	IQPSK	1	0	22.21	22.35	22.37			
15	IQPSK	1	37	22.44	22.35	22.40	24	0	
15	IQPSK	1	74	22.44	22.22	22.28			
15	IQPSK	36	0	21.33	21.10	21.37			
15	IQPSK	36	20	21.25	21.31	21.28	23	1	
15	IQPSK	75	0	21.27	21.31	21.28			
15	IQPSK	1	0	21.25	21.29	21.30			
15	IQPSK	1	37	21.33	21.26	21.24	23	1	
15	IQPSK	1	74	21.31	21.26	21.24			
15	IQPSK	36	0	20.43	20.43	20.43			
15	IQPSK	36	20	20.24	20.18	20.36	22	2	
15	IQPSK	36	40	20.32	20.30	20.20			
15	IQPSK	75	0	20.34	20.33	20.33			
15	IQPSK	1	0	18.31	18.61	18.31	20	4	
15	IQPSK	1	37	18.46	18.66	18.46			
15	IQPSK	1	74	18.28	18.22	18.42	20	4	
15	IQPSK	36	0	18.57	18.38	18.44			
15	IQPSK	36	20	18.62	18.51	18.42	20	4	
15	IQPSK	36	40	18.67	18.64	18.49			
15	IQPSK	75	0	18.34	18.48	18.20			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.50	22.63	22.51			
5	QPSK	1	25	22.50	22.63	22.51			
5	QPSK	1	50	22.29	22.42	22.29	24	0	
5	QPSK	25	0	22.27	22.42	22.13			
5	QPSK	25	12	22.24	22.34	22.24	24	0	
5	QPSK	25	25	22.08	22.43	22.30			
5	QPSK	50	0	22.42	22.42	22.42			
5	QPSK	50	25	22.27	22.34	22.34			
5	IQPSK	1	0	22.20	22.48	22.40	24	0	
5	IQPSK	1	25	22.20	22.48	22.40			
5	IQPSK	25	0	21.50	21.18	21.42			
5	IQPSK	25	12	21.48	21.23	21.28	23	1	
5	IQPSK	25	25	21.47	21.23	21.28			
5	IQPSK	50	0	21.33	21.30	21.28			
5	IQPSK	1	0	21.43	21.24	21.33			
5	IQPSK	1	25	21.47	21.29	21.33	23	1	
5	IQPSK	1	50	21.14	21.31	21.62			
5	IQPSK	25	0	20.17	20.31	20.34			
5	IQPSK	25	12	20.28	20.28	20.28	22	2	
5	IQPSK	25	25	20.43	20.23	20.47			
5	IQPSK	50	0	20.35	20.35	20.35			
5	IQPSK	1	0	18.39	18.65	18.43	20	4	
5	IQPSK	1	25	18.43	18.62	18.43			
5	IQPSK	1	50	18.65	18.65	18.45	20	4	
5	IQPSK	25	0	18.00	18.44	18.44			
5	IQPSK	25	12	18.42	18.73	18.77	20	4	
5	IQPSK	25	25	18.47	18.73	18.73			
5	IQPSK	50	0	18.45	18.44	18.36			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.50	22.63	22.57			
5	QPSK	1	25	22.47	22.60	22.60	24	0	
5	QPSK	1	50	22.26	22.42	22.42			
5	QPSK	12	0	22.39	22.31	22.10			
5	QPSK	12	7	22.37	22.37	22.37	24	0	
5	QPSK	12	13	22.37	22.40	22.25			
5	QPSK	25	0	22.38	22.37	22.32			
5	QPSK	25	12	22.34	22.34	22.34	24	0	
5	QPSK	25	12	22.63	22.27	22.28			
5	IQPSK	1	0	22.40	22.32	22.20			
5	IQPSK	1	25	22.43	22.32	22.23	23	1	
5	IQPSK	1	50	21.42	21.18	21.30			
5	IQPSK	12	13	21.32	21.31	21.33			
5	IQPSK	12	19	21.37	21.31	21.33	23	1	
5	IQPSK	12	25	21.33	21.29	21.15			
5	IQPSK	25	0	21.40	21.33	21.41			
5	IQPSK	25	12	21.16	21.27	21.33	23	1	
5	IQPSK	25	12	20.37	20.17	20.42			
5	IQPSK	25	25	20.37	20.17	20.42	22	2	
5	IQPSK	12	13	20.51	20.30	20.41			
5	IQPSK	25	0	20.35	20.47	20.39			
5	IQPSK	25	12	20.37	20.31	20.31	20	4	
5	IQPSK	1	0	18.33	18.26	18.41			
5	IQPSK	1	25	18.41	18.18	18.39	20	4	
5	IQPSK	1	50	18.45	18.05	18.49			
5	IQPSK	12	7	18.45	18.05	18.38	20	4	
5	IQPSK	12	13	18.44	18.05	18.08			

LTE Band 2 Other PA Ant 5											
BW [MHz]	Modulation	RB Size	RB Offset	Channel	Low Ch. Freq [MHz]	Mid Ch. Freq [MHz]	High Ch. Freq [MHz]	Turn-up time [min]	MPR [dB]		
Frequency (MHz)											
20	QPSK	1	0	1809	1817	1818	1820	19	0		
20	QPSK	1	49	1803	1810	1814	1820	19	0		
20	QPSK	50	0	1796	1813	1820	1820	19	0		
20	QPSK	24	0	1809	1817	1820	1820	19	0		
20	QPSK	100	0	1799	1812	1824	1824	19	0		
20	16QAM	1	49	1813	1818	1820	1820	19	0		
20	16QAM	1	99	1803	1810	1812	1820	19	0		
20	16QAM	50	24	1799	1806	1820	1820	19	0		
20	16QAM	50	50	1802	1810	1820	1820	19	0		
20	16QAM	100	0	1800	1796	1820	1820	19	0		
20	64QAM	1	0	1802	1809	1820	1820	19	0		
20	64QAM	1	49	1806	1814	1824	1824	19	0		
20	64QAM	50	0	1796	1796	1810	1820	19	0		
20	64QAM	50	24	1813	1796	1820	1820	19	0		
20	64QAM	50	50	1804	1812	1820	1820	19	0		
20	64QAM	100	0	1809	1797	1820	1820	19	0		
Channel											
15	QPSK	1	0	1792	1801	1804	1804	19	0		
15	QPSK	1	37	1792	1801	1804	1804	19	0		
15	QPSK	36	0	1780	1803	1804	1804	19	0		
15	QPSK	36	36	1792	1804	1804	1804	19	0		
15	QPSK	75	0	1792	1793	1804	1804	19	0		
15	16QAM	1	0	1787	1795	1804	1804	19	0		
15	16QAM	1	37	1809	1794	1804	1804	19	0		
15	16QAM	1	74	1783	1793	1804	1804	19	0		
15	16QAM	36	0	1787	1797	1804	1804	19	0		
15	16QAM	36	20	1792	1793	1804	1804	19	0		
15	16QAM	36	36	1786	1798	1804	1804	19	0		
15	16QAM	75	0	1782	1803	1804	1804	19	0		
15	64QAM	1	0	1782	1803	1804	1804	19	0		
15	64QAM	1	37	1809	1794	1804	1804	19	0		
15	64QAM	1	74	1783	1792	1804	1804	19	0		
15	64QAM	36	0	1783	1788	1804	1804	19	0		
15	64QAM	36	36	1786	1795	1804	1804	19	0		
15	64QAM	75	0	1785	1787	1804	1804	19	0		
15	256QAM	1	0	1786	1801	1804	1804	19	0		
15	256QAM	1	37	1790	1791	1804	1804	19	0		
15	256QAM	1	74	1791	1789	1804	1804	19	0		
15	256QAM	36	0	1787	1782	1804	1804	19	0		
15	256QAM	36	20	1793	1782	1804	1804	19	0		
15	256QAM	36	36	1789	1788	1804	1804	19	0		
15	256QAM	75	0	1803	1778	1804	1804	19	0		
Channel											
10	QPSK	1	0	1791	1798	1800	1800	19	0		
10	QPSK	1	25	1786	1796	1800	1800	19	0		
10	QPSK	1	49	1789	1791	1800	1800	19	0		
10	QPSK	25	0	1779	1789	1800	1800	19	0		
10	QPSK	25	12	1803	1778	1800	1800	19	0		
10	QPSK	50	0	1785	1803	1800	1800	19	0		
10	16QAM	1	0	1773	1784	1800	1800	19	0		
10	16QAM	1	25	1786	1797	1800	1800	19	0		
10	16QAM	1	49	1785	1796	1800	1800	19	0		
10	16QAM	25	0	1773	1789	1800	1800	19	0		
10	16QAM	25	12	1789	1787	1800	1800	19	0		
10	16QAM	25	25	1786	1789	1800	1800	19	0		
10	16QAM	50	0	1773	1804	1800	1800	19	0		
10	64QAM	1	0	1786	1794	1800	1800	19	0		
10	64QAM	1	25	1802	1785	1800	1800	19	0		
10	64QAM	1	49	1786	1795	1800	1800	19	0		
10	64QAM	25	12	1786	1796	1800	1800	19	0		
10	64QAM	25	25	1775	1796	1800	1800	19	0		
10	64QAM	50	0	1781	1798	1800	1800	19	0		
10	256QAM	1	0	1786	1794	1800	1800	19	0		
10	256QAM	1	25	1794	1785	1800	1800	19	0		
10	256QAM	1	49	1785	1783	1800	1800	19	0		
10	256QAM	25	12	1780	1773	1800	1800	19	0		
10	256QAM	25	25	1784	1782	1800	1800	19	0		
10	256QAM	50	0	1802	1790	1800	1800	19	0		
Channel											
5	QPSK	1	0	1792	1806	1807	1807	19	0		
5	QPSK	1	12	1799	1799	1807	1807	19	0		
5	QPSK	1	24	1797	1797	1807	1807	19	0		
5	QPSK	12	0	1784	1795	1807	1807	19	0		
5	QPSK	12	7	1791	1778	1807	1807	19	0		
5	QPSK	12	13	1803	1785	1807	1807	19	0		
5	QPSK	25	0	1789	1802	1807	1807	19	0		
5	16QAM	1	0	1773	1784	1807	1807	19	0		
5	16QAM	12	0	1801	1793	1807	1807	19	0		
5	16QAM	1	24	1788	1791	1807	1807	19	0		
5	16QAM	12	0	1783	1796	1807	1807	19	0		
5	16QAM	12	7	1795	1780	1807	1807	19	0		
5	16QAM	12	13	1777	1804	1807	1807	19	0		
5	16QAM	25	0	1787	1783	1807	1807	19	0		
5	256QAM	1	0	1791	1791	1807	1807	19	0		
5	256QAM	1	12	1784	1787	1807	1807	19	0		
5	256QAM	1	24	1794	1791	1807	1807	19	0		
5	256QAM	12	0	1786	1786	1807	1807	19	0		
5	256QAM	12	13	1807	1783	1807	1807	19	0		
5	256QAM	25	0	1786	1786	1807	1807	19	0		
Channel											
3	QPSK	1	0	1805	1800	1805	1805	19	0		
3	QPSK	1	6	1798	1791	1805	1805	19	0		
3	QPSK	1	14	1790	1789	1805	1805	19	0		
3	QPSK	6	0	1777	1800	1805	1805	19	0		
3	QPSK	6	4	1804	1779	1805	1805	19	0		
3	QPSK	6	7	1784	1798	1805	1805	19	0		
3	QPSK	15	0	1784	1793	1805	1805	19	0		
3	16QAM	1	0	1772	1784	1805	1805	19	0		
3	16QAM	6	0	1784	1793	1805	1805	19	0		
3	16QAM	1	14	1784	1794	1805	1805	19	0		
3	16QAM	6	0	1788	1784	1805	1805	19	0		
3	16QAM	6	4	1783	1791	1805	1805	19	0		
3	16QAM	8	0	1780	1793	1805	1805	19	0		
3	64QAM	1	0	1786	1796	1805	1805	19	0		
3	64QAM	1	8	1800	1788	1805	1805	19	0		
3	64QAM	1	14	1788	1793	1805	1805	19	0		
3	64QAM	6	0	1784	1782	1805	1805	19	0		
3	64QAM	6	4	1783	1782	1805	1805	19	0		
3	64QAM	8	0	1782	1782	1805	1805	19	0		
3	64QAM	8	4	1782	1788	1805	1805	19	0		
3	64QAM	1	0	1782	1782	1805	1805	19	0		
3	64QAM	1	8	1792	1788	1805	1805	19	0		
3	64QAM	1	14	1788	1787	1805	1805	19	0		
3	64QAM	6	0	1782	1782	1805	1805	19	0		
3	64QAM	6	4	1782	1788	1805	1805	19	0		
3	64QAM	8	0	1788	1787	1805	1805	19	0		
3	64QAM	8	4	1788	1788	1805	1805	19	0		
3	64QAM	3	0	1807	1785	1805	1805	19	0		
3	256QAM	3	3	1782	1782	1805	1805	19	0		

Hotspot on Power

<WCDMA>

Band		WCDMA II Rev 0			WCDMA IV Rev 0		
TX Channel		9262	9400	9538	Tune-up Limit		Tune-up Limit
RX Channel		9692	9800	9938	1312 1413 1513		1537 1638 1738
Frequency (MHz)		1852.4	1880	1907.6	1712.4 1732.6 1752.6		(dBm)
3GPP Rel 99	AMR 12.2Kbps	23.68	23.70	23.93	25.00	21.63	21.87
3GPP Rel 99	AMR 12.2Kbps	23.71	23.73	23.95	25.00	21.72	21.88
3GPP Rel 6	HSDPA Subtest-1	22.70	22.84	22.57	24.00	20.63	20.71
3GPP Rel 6	HSDPA Subtest-2	22.69	22.66	22.43	24.00	20.57	20.60
3GPP Rel 6	HSDPA Subtest-3	22.13	22.14	22.16	23.50	20.23	20.25
3GPP Rel 6	HSDPA Subtest-4	22.16	22.18	22.00	23.50	20.16	20.31
3GPP Rel 6	HSDPA Subtest-1	22.82	22.68	22.45	24.00	20.72	20.93
3GPP Rel 6	HSDPA Subtest-2	20.63	20.73	20.46	22.00	18.78	18.80
3GPP Rel 6	HSDPA Subtest-3	21.74	21.62	21.44	23.00	19.83	19.75
3GPP Rel 6	HSDPA Subtest-4	20.61	20.69	20.62	22.00	18.65	18.61
3GPP Rel 6	HSDPA Subtest-5	22.77	22.74	22.44	24.00	20.63	20.71

LTE Band 2 Ant 0												
BW (MHz)	Modulation	RB Size	RB Offset	Channel	Low Ch. / 18000	Middle Ch. / 19600	High Ch. / 19100	Turn-up Int. (dBm)	MPR (dB)			
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.12	23.15	23.12	24	0				
20	QPSK	1	49	23.05	22.98	23.08	24	0				
20	QPSK	1	99	22.97	22.99	23.00	24	0				
20	QPSK	50	0	22.00	22.10	22.04	23	1				
20	QPSK	50	24	22.03	22.10	22.10	23	1				
20	QPSK	50	50	22.02	22.05	22.10	23	1				
20	QPSK	100	0	21.98	22.12	21.98	23	1				
20	16QAM	1	0	21.92	21.97	22.03	23	1				
20	16QAM	1	49	21.96	21.90	22.11	23	1				
20	16QAM	1	99	21.95	22.05	21.99	23	1				
20	16QAM	50	0	21.21	21.07	21.11	22	2				
20	16QAM	50	24	21.09	21.24	21.25	22	2				
20	16QAM	50	50	21.10	21.16	21.29	22	2				
20	16QAM	100	0	21.22	21.14	21.12	22	2				
20	16QAM	1	0	21.26	21.25	21.14	22	2				
20	16QAM	1	49	21.13	21.19	21.11	22	2				
20	16QAM	1	99	21.24	21.13	21.17	22	2				
20	16QAM	50	0	20.30	20.38	20.29	21	3				
20	16QAM	50	24	20.17	20.32	20.38	21	3				
20	16QAM	50	50	20.26	20.27	20.37	21	3				
20	16QAM	100	0	20.37	20.26	20.26	21	3				
20	256QAM	1	0	17.90	18.01	17.91	19	5				
20	256QAM	1	49	18.01	17.92	18.02	19	5				
20	256QAM	1	99	18.06	18.08	17.98	19	5				
20	256QAM	50	0	17.89	17.95	17.93	19	5				
20	256QAM	50	24	17.94	17.87	18.07	19	5				
20	256QAM	50	50	18.00	17.95	18.07	19	5				
20	256QAM	100	0	18.01	17.94	18.00	19	5				
Channel												
Frequency (MHz)												
15	QPSK	1	0	23.01	23.09	23.03	24	0				
15	QPSK	1	99	22.94	22.93	23.03	24	0				
15	QPSK	74	0	22.81	22.82	23.04	23	0				
15	QPSK	36	0	21.92	22.16	21.94	23	1				
15	QPSK	36	24	21.87	22.17	22.00	23	1				
15	QPSK	36	39	21.97	21.98	22.09	23	1				
15	QPSK	75	0	21.99	22.00	21.89	23	1				
15	16QAM	1	0	21.74	21.81	21.74	23	1				
15	16QAM	1	37	21.74	21.88	21.94	23	1				
15	16QAM	1	74	21.89	21.84	21.99	23	1				
15	16QAM	36	0	21.20	21.08	21.09	22	2				
15	16QAM	36	20	20.99	21.05	21.14	22	2				
15	16QAM	36	29	20.92	21.05	21.22	22	2				
15	16QAM	75	0	21.11	21.01	21.13	22	2				
15	16QAM	1	0	21.21	21.11	21.12	22	2				
15	16QAM	1	37	21.20	21.11	21.12	22	2				
15	16QAM	36	0	20.12	20.37	20.25	21	3				
15	16QAM	36	36	20.05	20.06	20.20	21	3				
15	16QAM	36	39	20.20	20.09	20.20	21	3				
15	16QAM	75	0	20.31	20.12	20.23	21	3				
15	256QAM	1	0	17.75	17.88	17.77	19	5				
15	256QAM	1	37	17.97	17.73	17.88	19	5				
15	256QAM	1	74	18.00	17.95	17.91	19	5				
15	256QAM	36	0	17.76	17.85	17.83	19	5				
15	256QAM	36	20	17.84	17.87	17.80	19	5				
15	256QAM	36	39	17.84	17.82	17.85	19	5				
15	256QAM	75	0	17.88	17.85	17.80	19	5				
15	256QAM	75	0	17.88	17.85	17.80	19	5				
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.10	23.07	23.09	24	0				
10	QPSK	1	25	22.93	22.74	23.05	24	0				
10	QPSK	1	74	22.92	22.78	23.05	24	0				
10	QPSK	25	0	21.85	22.10	21.88	23	1				
10	QPSK	25	12	21.82	22.07	21.88	23	1				
10	QPSK	25	25	22.03	21.99	22.09	23	1				
10	QPSK	50	0	21.85	21.88	21.89	23	1				
10	16QAM	1	0	21.79	21.90	21.88	23	1				
10	16QAM	1	25	21.87	21.73	21.92	23	1				
10	16QAM	1	49	21.87	21.91	21.85	23	1				
10	16QAM	1	74	21.85	21.89	21.85	23	1				
10	16QAM	25	0	21.20	21.17	21.19	22	2				
10	16QAM	25	12	20.94	21.17	21.19	22	2				
10	16QAM	25	25	21.05	21.06	21.15	22	2				
10	16QAM	1	0	21.16	21.11	21.04	22	2				
10	16QAM	1	25	21.06	21.04	21.07	22	2				
10	16QAM	1	49	21.16	20.97	21.03	22	2				
10	16QAM	25	0	20.22	20.40	20.15	21	3				
10	16QAM	25	12	20.14	20.11	20.27	21	3				
10	16QAM	25	25	20.13	20.06	20.20	21	3				
10	16QAM	50	0	20.30	20.05	20.05	21	3				
10	256QAM	1	0	17.86	17.85	17.85	19	5				
10	256QAM	1	25	18.01	17.90	17.93	19	5				
10	256QAM	1	49	17.86	17.88	17.91	19	5				
10	256QAM	25	0	17.85	17.82	17.85	19	5				
10	256QAM	25	12	17.85	17.75	17.89	19	5				
10	256QAM	25	25	18.03	17.97	18.07	19	5				
10	256QAM	50	0	18.00	17.84	18.00	19	5				
10	256QAM	50	0	18.00	17.84	18.00	19	5				
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.95	22.96	22.95	24	0				
5	QPSK	1	12	22.92	22.85	23.09	24	0				
5	QPSK	1	24	22.93	22.90	23.03	24	0				
5	QPSK	12	0	22.00	22.12	21.91	23	1				
5	QPSK	12	7	21.89	22.09	22.03	23	1				
5	QPSK	12	14	21.85	22.07	22.03	23	1				
5	QPSK	25	0	21.78	22.12	21.77	23	1				
5	16QAM	1	0	21.74	21.95	22.05	23	1				
5	16QAM	1	12	21.79	21.80	21.89	23	1				
5	16QAM	1	24	21.85	22.05	21.89	23	1				
5	16QAM	12	0	21.14	20.86	20.96	22	2				
5	16QAM	12	7	21.04	21.22	21.12	22	2				
5	16QAM	12	13	21.09	20.95	21.14	22	2				
5	16QAM	25	0	21.24	21.23	21.13	22	2				
5	16QAM	1	0	21.25	21.11	21.09	22	2				
5	16QAM	1	12	21.08	21.10	21.13	22	2				
5	16QAM	12	0	20.26	20.31	20.14	21	3				
5	16QAM	12	7	20.02	20.31	20.17	21	3				
5	16QAM	12	13	20.05	20.28	20.23	21	3				
5	16QAM	25	0	20.27	20.03	20.03	21	3				
5	256QAM	1	0	17.71	17.81	17.77	19	5				
5	256QAM	1	12	18.01	17.77	18.00	19	5				
5	256QAM	1	24	17.85	17.88	17.91	19	5				
5	256QAM	12	0	17.69	17.80	17.81	19	5				
5	256QAM	12	7	17.87	17.89	17.96	19	5				
5	256QAM	12	13	17.89	17.85	17.95	19	5				
5	256QAM	25	0	17.98	17.88	17.87	19	5				
5	256QAM	25	0	17.98	17.88	17.87	19	5				
Channel												
Frequency (MHz)												
3	QPSK	1	0	23.11	23.14	23.01	24	0				
3	QPSK	1	14	22.92	22.77	22.98	24	0				
3	QPSK	8	0	21.97	22.16	21.93	23	1				
3	QPSK	8	7	21.88	22.18	22.08	23	1				
3	QPSK	8	14	21.95	22.02	22.14	23	1				
3	16QAM	1	0	21.76	21.94	21.94	23	1				
3	16QAM	1	14	21.83	21.97	21.77	23	1				
3	16QAM	8	0	21.88	21.80	21.96	23	1				
3	16QAM	8	7	21.88	21.97	21.77	23	1				
3	16QAM	8	14	20.89	21.14	21.04	22	2				
3	16QAM	1	0	21.19	21.16	21.12	22	2				
3	16QAM	1	14	21.11	21.06	21.04	22	2				
3	16QAM	8	0	21.19	21.16	21.12	22	2				
3	16QAM	8	7	21.12	21.03	21.07	22	2				
3	16QAM	8	14	21.24	21.03	20.98	22	2				
3	16QAM	8	0	20.14	20.38	20.29	21	3				
3	16QAM	8	7	20.13	20.35	20.30	21	3				
3	16QAM	8	14	20.27	20.09	20.33	21	3				
3	256QAM	1	0	17.86	17.93	17.93	19	5				
3	256QAM	1	14	17.86	18.00	17.86	19	5				
3	256QAM	8	0	17.78	17.89	17.89	19	5				
3	256QAM	8	7	17.89	17.85	17.93	19	5				
3	256QAM	8	14	17.85	17.75	17.89	19	5				
3	256QAM	1	0	17.72	17.82	17.80	19	5				
3	256QAM	1	0	17.76	17.87	17.92	19	5				
3	256QAM	1	0	17.76	17.87	17.92	19	5				
3	256QAM	1	0	17.76	17.87	17.92	19	5				
3	256QAM	1	0	17.76	17.87	17.92	19	5				
3	256QAM	1	0	17.76	17.87	17.92	19	5				
3	256QAM	1	0	17.76	17.87	17.92	19	5				
3	256QAM	1	0	17.76	17.87	17.92	19	5				
3	256QAM	1	0	17.76	17.87	17.92	19	5				
3	256QAM	1	0	17.76	17.87	17.92	19	5				
3	256QAM	1	0	17.76</								

LTE Band 25 Ant 0											
BW [MHz]	Modulation	n	RB Size	RB Offset	From Low Ch. [MHz]	From Middle Ch. [MHz]	From High Ch. [MHz]	Tune-up limit (dBm)	MPR (dB)		
Channel											
Frequency (MHz)											
20	QPSK	1	0	0	23.10	23.17	22.98	24	0		
20	QPSK	1	48	22.98	23.03	22.83	22.91				
20	QPSK	1	96	22.81	22.99	22.98	22.99				
20	QPSK	50	0	21.91	22.13	21.87	22.04				
20	QPSK	50	24	21.87	22.11	22.04	22.04				
20	QPSK	50	50	21.91	21.97	21.85	21.92	23	1		
20	16QAM	1	0	0	21.71	21.86	21.63				
20	16QAM	1	48	21.87	21.91	21.92	21.92				
20	16QAM	50	0	21.76	21.86	21.79	21.83				
20	16QAM	50	50	21.07	21.13	21.13					
20	16QAM	50	24	20.98	21.04	20.92	21.00	22	2		
20	16QAM	50	50	21.08	21.04	20.92	21.00				
20	16QAM	100	0	21.08	21.04	20.92	21.00				
20	16QAM	1	48	21.01	21.05	20.90	21.00				
20	16QAM	1	99	21.08	21.05	20.90	21.00				
20	64QAM	1	99	21.08	21.05	20.90	21.00	21	3		
20	64QAM	50	0	20.28	20.15	20.23	20.23				
20	256QAM	1	0	17.91	17.83	17.81	17.81				
20	256QAM	1	48	17.84	17.88	18.02	17.86				
20	256QAM	1	96	18.02	17.82	17.82	17.82				
20	256QAM	50	0	17.83	17.75	17.89	17.89	19	5		
20	256QAM	50	24	17.82	17.85	18.00	17.85				
20	256QAM	50	50	17.84	17.86	18.03	17.86				
20	256QAM	100	0	17.84	17.86	18.03	17.86				
20	256QAM	100	50	17.84	17.86	18.03	17.86				
Channel											
Frequency (MHz)											
15	QPSK	1	0	0	22.94	23.07	22.84	24	0		
15	QPSK	1	48	22.79	22.91	22.87	22.87				
15	QPSK	1	96	22.65	22.74	22.83	22.83				
15	QPSK	36	0	21.76	21.92	21.63	21.82				
15	QPSK	36	36	21.93	21.79	22.07	21.92				
15	QPSK	36	72	21.87	21.87	21.92	21.92	23	1		
15	16QAM	1	0	0	21.50	21.64	21.41				
15	16QAM	1	37	21.77	21.93	21.77	21.77				
15	16QAM	1	74	21.57	21.67	21.66	21.66				
15	16QAM	36	0	20.96	20.98	20.95	20.95				
15	16QAM	36	20	20.70	21.20	21.11	21.11	22	2		
15	16QAM	36	36	20.95	20.99	21.13	21.13				
15	16QAM	75	0	21.05	20.91	20.76	20.76				
15	16QAM	1	0	21.03	20.95	21.11	21.11				
15	64QAM	1	37	20.91	20.84	20.70	20.70				
15	64QAM	1	74	21.02	20.94	21.10	21.10	22	2		
15	64QAM	36	0	20.19	20.54	20.25	20.25				
15	64QAM	36	20	20.18	20.60	20.66	20.66				
15	64QAM	36	36	20.18	20.60	20.66	20.66				
15	64QAM	75	0	20.12	20.51	20.52	20.52				
15	64QAM	1	0	20.10	20.50	20.50	20.50	21	3		
15	64QAM	36	0	20.19	20.26	20.31	20.31				
15	64QAM	36	20	20.18	20.20	20.20	20.20				
15	64QAM	36	36	20.18	20.20	20.20	20.20				
15	64QAM	75	0	20.12	20.12	20.12	20.12				
15	256QAM	1	0	17.81	17.71	17.68	17.68	19	5		
15	256QAM	1	37	17.75	17.81	17.96	17.96				
15	256QAM	1	74	18.02	17.92	17.81	17.81				
15	256QAM	36	0	17.78	17.79	17.79	17.79				
15	256QAM	36	20	17.63	17.87	17.82	17.82				
15	256QAM	36	36	17.71	17.85	17.91	17.91	19	5		
15	256QAM	75	0	17.62	17.71	17.90	17.90				
15	256QAM	75	20	17.62	17.71	17.90	17.90				
15	256QAM	75	40	17.62	17.71	17.90	17.90				
15	256QAM	75	60	17.62	17.71	17.90	17.90				
Channel											
Frequency (MHz)											
10	QPSK	1	0	0	23.02	23.06	22.86	24	0		
10	QPSK	1	25	22.84	22.83	22.82	22.82				
10	QPSK	1	48	22.62	22.84	22.84	22.84				
10	QPSK	25	0	21.81	22.07	21.66	21.66				
10	QPSK	25	12	21.80	21.95	21.90	21.90				
10	QPSK	25	24	21.76	21.88	21.81	21.81	23	1		
10	16QAM	1	0	0	21.56	21.78	21.63				
10	16QAM	1	25	21.74	21.85	21.80	21.80				
10	16QAM	1	48	21.85	21.74	21.80	21.80				
10	16QAM	25	0	20.95	21.02	21.08	21.08				
10	16QAM	25	12	20.69	21.12	21.05	21.05	22	2		
10	16QAM	25	24	21.04	21.13	20.94	20.94				
10	16QAM	50	0	21.05	20.97	20.93	20.93				
10	16QAM	50	12	20.92	21.02	21.02	21.02				
10	16QAM	50	24	21.04	21.05	21.05	21.05				
10	64QAM	1	0	0	21.05	20.97	20.93	20.93	22	2	
10	64QAM	1	25	21.03	21.06	20.69	20.69				
10	64QAM	1	48	21.05	20.91	21.10	21.10				
10	64QAM	25	0	20.98	20.12	20.20	20.20				
10	64QAM	25	12	20.91	20.13	20.20	20.20				
10	64QAM	25	24	20.95	20.94	20.95	20.95	21	3		
10	64QAM	50	0	20.24	20.07	20.17	20.17				
10	256QAM	1	0	17.81	17.80	17.82	17.82				
10	256QAM	1	25	17.69	17.71	17.91	17.91				
10	256QAM	1	49	17.82	18.11	17.63	17.63				
10	256QAM	25	0	17.68	17.72	17.87	17.87	19	5		
10	256QAM	25	12	17.78	17.83	17.86	17.86				
10	256QAM	25	24	17.72	17.85	17.85	17.85				
10	256QAM	25	25	17.73	17.69	18.00	18.00				
10	256QAM	50	0	17.67	17.67	17.69	17.69				
Channel											
Frequency (MHz)											
5	QPSK	1	0	0	22.98	23.02	22.92	24	0		
5	QPSK	1	12	22.77	22.72	22.77	22.77				
5	QPSK	1	24	22.55	22.76	22.85	22.85				
5	QPSK	12	0	21.85	22.01	21.69	21.69				
5	QPSK	12	7	21.87	21.94	21.87	21.87				
5	QPSK	12	13	21.82	21.73	21.72	21.72	23	1		
5	QPSK	25	0	21.81	21.75	21.72	21.72				
5	16QAM	1	0	0	21.69	21.68	21.63				
5	16QAM	1	12	21.86	21.75	21.70	21.70				
5	16QAM	1	24	21.73	21.82	21.73	21.73				
5	16QAM	12	0	21.08	21.03	21.01	21.01	22	2		
5	16QAM	12	13	20.84	20.96	21.01	21.01				
5	16QAM	12	25	21.05	21.05	20.78	20.78				
5	16QAM	25	0	20.88	20.98	21.14	21.14				
5	64QAM	1	12	20.95	21.03	20.87	20.87				
5	64QAM	1	24	21.04	20.94	21.08	21.08	22	2		
5	64QAM	12	0	20.23	20.01	19.98	19.98				
5	64QAM	12	7	20.10	20.10	20.24	20.24				
5	64QAM	12	13	20.10	20.04	20.21	20.21				
5	64QAM	25	0	20.27	20.09	20.26	20.26	21	3		
5	64QAM	25	12	20.17	20.17	20.21	20.21				
5	64QAM	25	12	20.17	20.17	20.21	20.21				
5	64QAM	25	12	20.17	20.17	20.21	20.21				
5	64QAM	25	12	20.17	20.17	20.21	20.21				
5	256QAM	1	0	17.65	17.65	17.67	17.67	19	5		
5	256QAM	1	12	17.65	17.67	17.82	17.82				
5	256QAM	1	24	17.65	17.67	17.82	17.82				
5	256QAM	12	0	17.83	17.63	17.72	17.72				
5	256QAM	12	7	17.69	17.91	17.82	17.82				
5	256QAM	12	13	17.78	17.83	17.86	17.86	19	5		
5	256QAM	12	25	17.72	17.85	17.85	17.85				
5	256QAM	25	0	17.64	17.67	17.89	17.89				
5	256QAM	25	12	17.64	17.67	17.89	17.89				
5	256QAM	25	24	17.64	17.67	17.89	17.89				
Channel											
Frequency (MHz)											
3	QPSK	1	0	0	22.91	22.97	22.98	24	0		
3	QPSK	1	8	22.83	22.73	22.92	22.92				
3	QPSK	1	16	22.75	22.72	22.90	22.90				
3	QPSK	8	0	21.86	22.01	21.69	21.69				
3	QPSK	8	8	21.76	21.79	21.72	21.72				
3	QPSK	8	16	21.76	21.79	21.72	21.72	23	1		
3	16QAM	1	0	0	21.59	21.74	21.66				
3	16QAM	1	8	21.76	21.79	21.72	21.72				
3	16QAM	8	0	21.70	21.85	21.63	21.63				
3	16QAM	8	8	21.70	21.85	21.63	21.63				
3	16QAM	1	16	21.05	21.08	21.00	21.00	22	2		
3	16QAM	8	7	20.95	21.12	21.08	21.08				
3	16QAM	8	16	20.95	21.12	21.08	21.08				
3	16QAM	16	0	20.87	21.15	21.08	21.08				
3	16QAM	16	8	20.87	21.15	21.08	21.08				
3	64QAM	1	0	20.87	21.04	20.73	20.73	22	2		
3	64QAM	1	8	20.91	21.04	20.73	20.73				
3	64QAM	1	16	21.01	21.01	20.69	20.69				
3	64QAM	8	0	20.29	20.02	20.02	20.02				
3	64QAM	8	8	20.29	20.02	20.02	20.02				
3	64QAM	8	16	20.29	20.02	20.02	20.02	21	3		
3	64QAM	16	0	20.06	20.23	20.23	20.23				
3	64QAM	16	8	20.06	20.23	20.23	20.23				
3	64QAM	16	16	20.06	20.23	20.23	20.23				
3	64QAM	16	24	20.06	20.23	20.23	20.23				
3	256QAM	1	0	17.80	17.80	17.82	17.82	19	5		
3	256QAM	1	8	17.74	17.78	17.82	17.82				
3	256QAM	1	16	17.81	17.91	17.69	17.69				
3	256QAM	8	0	17.75	17.83	17.83	17.83				
3	256QAM	8	8	17.75	17.83	17.83	17.83				
3	256QAM	8	16	17.75	17.83	17.83	17.83	19	5		
3	256QAM	16	0	17.68	17.68						

LTE Band 38 Ant 0										
BW (MHz)	Modulation n	RB Size	RB Offset	Power Low Ch / Pmax	Power Middle Ch / Pmax	Power High Ch / Pmax	Turn-up time (s)	MPR (dB)		
Channel Frequency (MHz)										
20	QPSK	1	0	22.12	22.13	22.09				
20	QPSK	1	49	21.88	22.06	22.07	23	0		
20	QPSK	1	99	21.86	21.99	21.83				
20	QPSK	50	0	21.18	21.21	21.03				
20	QPSK	50	24	21.05	21.16	21.15	22	1		
20	QPSK	50	50	20.84	20.89	20.84				
20	QPSK	100	0	20.93	21.24	20.96				
20	16QAM	1	0	21.23	21.23	21.23				
20	16QAM	1	49	20.93	21.02	20.98	22	1		
20	16QAM	1	99	20.96	20.86	21.23				
20	16QAM	50	0	20.98	20.12	20.20				
20	16QAM	50	24	20.28	20.28	20.35	21	2		
20	16QAM	50	50	20.28	20.12	20.21				
20	16QAM	100	0	20.07	19.97	19.93				
20	64QAM	1	0	20.17	20.04	20.14				
20	16QAM	1	49	19.99	19.97	20.04	21	2		
20	16QAM	1	99	19.93	19.87	20.12				
20	16QAM	50	0	19.92	19.87	19.47				
20	16QAM	50	24	19.23	19.26	19.44	20	3		
20	16QAM	50	50	19.12	19.06	19.01				
20	256QAM	1	0	19.25	19.36	19.35				
20	256QAM	1	49	16.94	17.13	17.09	18	5		
20	256QAM	1	99	17.17	17.21	17.04				
20	256QAM	50	0	16.72	16.72	16.78				
20	256QAM	50	24	16.93	16.91	16.84				
20	256QAM	50	50	17.05	16.92	16.83	18	5		
20	256QAM	100	0	16.92	16.82	17.02				
Channel Frequency (MHz)										
15	QPSK	1	0	22.00	22.05	22.02				
15	QPSK	1	37	21.78	21.84	22.09	23	0		
15	QPSK	1	74	21.89	21.91	21.82				
15	QPSK	36	0	21.12	21.22	21.05				
15	QPSK	36	20	20.92	21.10	21.00	22	1		
15	QPSK	36	39	20.85	20.78	20.98				
15	QPSK	75	0	20.88	21.24	20.79				
15	16QAM	1	0	21.09	21.03	20.98				
15	16QAM	1	37	20.62	20.91	20.87	22	1		
15	16QAM	1	74	20.81	20.74	21.05				
15	16QAM	36	0	20.73	20.73	20.92				
15	16QAM	36	20	20.29	20.12	20.21	21	2		
15	16QAM	36	39	20.14	20.08	20.19				
15	16QAM	75	0	19.93	19.87	19.81				
15	64QAM	1	0	19.99	19.99	20.12				
15	64QAM	1	37	19.84	19.77	19.94	21	2		
15	64QAM	1	74	19.74	19.79	19.92				
15	64QAM	36	0	19.21	19.16	19.33				
15	64QAM	36	20	19.03	18.87	18.93	20	3		
15	64QAM	75	0	19.21	19.26	19.34				
15	256QAM	1	0	19.84	19.85	19.85				
15	256QAM	1	37	17.04	17.09	17.04	18	5		
15	256QAM	1	74	16.92	16.92	17.02				
15	256QAM	36	20	16.97	16.93	17.02				
15	256QAM	36	39	16.85	16.75	16.87				
15	256QAM	75	0	16.93	16.66	17.03				
Channel Frequency (MHz)										
10	QPSK	1	0	22.10	22.10	22.10				
10	QPSK	1	25	21.86	21.86	22.02	23	0		
10	QPSK	1	49	21.86	21.86	21.69				
10	QPSK	25	0	21.01	21.01	21.01				
10	QPSK	25	12	21.01	21.01	21.21				
10	QPSK	50	0	20.92	21.16	20.78	22	1		
10	16QAM	1	0	21.07	21.09	20.82				
10	16QAM	1	25	20.92	21.03	20.91				
10	16QAM	1	49	20.88	20.75	21.21	22	1		
10	16QAM	25	0	19.92	20.09	20.13				
10	16QAM	25	12	20.37	20.06	20.36				
10	16QAM	25	25	20.20	20.07	20.20	21	2		
10	16QAM	50	0	19.91	19.82	19.99				
10	16QAM	50	12	20.12	20.03	20.01				
10	64QAM	1	25	19.95	19.88	19.84	21	2		
10	64QAM	1	49	19.88	19.80	19.97				
10	64QAM	25	0	19.16	19.15	19.31				
10	64QAM	25	12	19.04	19.23	19.39	20	3		
10	64QAM	25	25	19.03	18.88	19.05				
10	64QAM	50	0	19.26	19.19	19.14				
10	256QAM	1	0	16.91	17.10	16.95	18	5		
10	256QAM	1	25	16.87	16.71	16.84				
10	256QAM	1	49	17.13	17.06	16.93				
10	256QAM	25	0	16.85	16.83	16.72				
10	256QAM	25	12	17.03	16.75	17.03				
10	256QAM	25	25	16.87	16.79	16.82				
10	256QAM	50	0	16.90	16.74	16.84				
Channel Frequency (MHz)										
5	QPSK	1	0	22.10	22.10	22.10				
5	QPSK	1	12	21.70	22.06	21.94	23	0		
5	QPSK	1	24	21.77	21.80	21.80				
5	QPSK	12	0	21.14	21.19	20.94				
5	QPSK	12	7	20.99	20.98	21.14				
5	QPSK	12	13	20.71	20.88	20.73				
5	QPSK	25	0	20.82	21.21	20.83				
5	16QAM	1	0	21.12	20.98	20.95	22	1		
5	16QAM	1	12	20.77	20.85	20.81				
5	16QAM	1	24	20.95	20.74	21.02				
5	16QAM	12	0	19.84	19.97	20.10				
5	16QAM	12	7	20.10	20.18	20.14				
5	16QAM	12	13	20.00	20.09	20.07	21	2		
5	16QAM	25	0	19.94	19.97	19.83				
5	16QAM	25	12	19.82	19.77	19.83	21	2		
5	16QAM	1	24	19.77	19.80	20.13				
5	16QAM	12	0	19.17	19.12	19.26				
5	64QAM	1	12	19.14	19.25	19.31	20	3		
5	64QAM	12	13	18.90	18.89	18.91				
5	64QAM	25	0	19.15	19.35	19.18				
5	256QAM	1	0	16.93	16.95	17.04				
5	256QAM	1	12	16.91	16.90	16.84				
5	256QAM	1	24	17.02	17.00	16.93	18	5		
5	256QAM	12	0	16.83	16.72	16.82				
5	256QAM	12	7	17.10	16.86	17.12				
5	256QAM	12	13	16.96	16.93	16.81				
5	256QAM	25	0	16.78	16.67	16.86				

LTE Band 41 Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Pmax	Power Low Middle Ch / Pmax	Power Middle Ch / Pmax	Power High Middle Ch / Pmax	Power High Ch / Pmax	Turn-up time (s)	MPR (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.34	22.43	22.43	22.33	22.26		
20	QPSK	1	49	22.18	22.35	22.26	22.31	22.35	23	0
20	QPSK	1	99	22.08	22.13	22.21	22.15	21.99		
20	QPSK	50	0	21.42	21.19	21.46	21.33	21.12		
20	QPSK	50	24	21.02	20.92	21.31	21.30	21.25		
20	QPSK	50	50	21.00	21.11	21.05	21.13	21.10	22	1
20	QPSK	100	0	21.40	21.24	21.43	21.42	21.34		
20	16QAM	1	0	21.45	21.20	21.41	21.25	21.39		
20	16QAM	1	49	21.02	21.20	21.09	20.99	21.25	22	1
20	16QAM	1	99	21.23	21.24	21.07	21.05	21.39		
20	16QAM	50	0	20.35	20.40	20.35	20.36	20.48		
20	16QAM	50	24	20.60	20.48	20.67	20.41	20.58		
20	16QAM	50	50	20.43	20.51	20.47	20.44	20.58	21	2
20	16QAM	100	0	20.30	20.35	20.23	20.15	20.25		
20	64QAM	1	0	20.25	20.51	20.46	20.23	20.44		
20	64QAM	1	49	20.19	20.20	20.23	20.18	20.29	21	2
20	64QAM	1	99	20.14	20.41	20.13	20.31	20.34		
20	64QAM	50	0	19.87	19.49	19.86	19.54	19.51	21	2
20	64QAM	50	24	19.53	19.49	19.26	19.50	19.31		
20	64QAM	50	50	19.20	19.21	19.17	19.19	19.07	20	3
20	64QAM	100	0	19.45	19.42	19.41	19.47	19.54		
20	256QAM	1	0	17.43	17.42	17.42	17.20	17.57		
20	256QAM	1	49	17.13	17.01	17.20	17.14	16.97	18	5
20	256QAM	1	99	17.38	17.31	17.29	17.13	17.16		
20	256QAM	50	0	16.92	16.81	16.82	17.03	16.94		
20	256QAM	50	24	17.16	17.22	17.27	17.10	17.24		
20	256QAM	50	50	17.13	17.13	17.20	17.16	17.05	18	5
20	256QAM	100	0	17.26	17.16	17.20	17.09	17.22		
Frequency (MHz)										
15	QPSK	1	0	22.513	22.443	22.493	22.573	22.623	Init	MPR (dB)
15	QPSK	1	49	22.31	22.29	22.29	22.28	22.09		
15	QPSK	1	99	22.17	22.30	22.29	22.29	22.10	23.00	0
15	QPSK	1	74	21.99	21.92	21.92	22.03	21.99		
15	QPSK	50	0	21.44	21.06	21.40	21.17	21.10		
15	QPSK	50	24	21.06	21.40	21.17	21.17	21.06		
15	QPSK	50	50	21.06	21.17	21.06	21.17	21.10	22	1
15	QPSK	36	38	21.01	21.11	20.87	21.07	21.01		
15	QPSK	36	38	21.06	21.06	21.23	21.06	21.06		
15	16QAM	1	0	21.28	21.25	21.11	21.15	21.11		
15	16QAM	1	37	20.91	21.19	20.95	20.83	21.04	22	1
15	16QAM	1	74	20.98	21.01	20.98	20.98	20.98		
15	16QAM	36	38	20.30	20.40	20.34	20.17	20.28		
15	16QAM	36	38	20.46	20.33	20.52	20.43	20.58		
15	16QAM	36	38	20.28	20.41	20.40	20.28	20.39	21	2
15	16QAM	75	0	20.12	20.09	20.11	20.11	20.20		
15	16QAM	1	0	20.13	20.20	20.38	20.19	20.20		
15	16QAM	1	37	20.13	20.13	20.07	20.13	20.13	21	2
15	16QAM	1	74	20.02	20.36	20.36	20.20	20.20		
15	16QAM	36	38	19.56	19.36	19.56	19.36	19.36		
15	16QAM	36	20	19.03	19.24	19.09	19.38	19.32		
15	16QAM	36	38	19.17	19.11	19.08	19.04	19.05		
15	16QAM	36	38	19.32	19.32	19.32	19.32	19.32		
15	16QAM	36	38	17.26	17.29	16.83	17.02	17.05		
15	256QAM	1	37	17.01	16.83	17.12	16.97	16.95	18	1
15	256QAM	1	74	17.11	17.28	17.11	17.11	17.11		
15	256QAM	36	38	17.17	17.23	17.11	16.95	16.82		
15	256QAM	36	38	17.02	17.02	17.18	16.99	17.02		
15	256QAM	36	38	17.10	17.80	17.17	17.19	17.19	18	5
15	256QAM	75	0	17.10	17.02	17.21	17.08	17.20		
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.50	22.460	22.460	22.460	22.460	Init	MPR (dB)
10	QPSK	1	0	22.12	22.31	22.16	22.27	21.98		
10	QPSK	1	12	21.85	22.21	21.88	22.21	22.21	23.00	0
10	QPSK	1	49	21.69	21.88	21.69	21.88	21.88		
10	QPSK	12	0	21.26	20.89	21.19	21.01	20.89		
10	QPSK	12	7	21.20	21.23	21.16	21.22	21.08		
10	QPSK	12	19	21.08	21.12	21.09	21.12	21.04	22	1
10	QPSK	25	0	21.26	21.05	20.99	21.05	21.05		
10	16QAM	1	0	20.76	21.11	20.87	20.80	21.05	22	1
10	16QAM	1	49	21.12	20.94	20.95	20.86	21.06		
10	16QAM	1	99	20.98	21.00	20.98	20.98	20.98		
10	16QAM	25	12	20.26	20.36	20.50	20.42	20.50	21	2
10	16QAM	25	25	20.14	20.26	20.23	20.13	20.27		
10	16QAM	25	25	20.14	20.26	20.23	20.13	20.27		
10	64QAM	1	0	19.97	20.27	20.31	20.14	20.08		
10	64QAM	1	49	19.86	19.88	19.86	19.86	19.86	21	2
10	64QAM	1	49	20.03	20.25	19.91	20.05	20.18		
10	64QAM	25	0	19.24	19.40	19.17	19.28	19.03		
10	64QAM	25	12	19.03	19.34	19.03	19.03	19.03	20	3
10	64QAM	25	25	18.96	19.07	18.90	18.92	18.84		
10	64QAM	50	0	19.27	19.17	19.08	19.35	19.35		
10	256QAM	1	0	17.12	17.12	17.12	17.12	17.12		
10	256QAM	1	25	16.86	17.15	17.00	17.00	17.26	18	5
10	256QAM	1	25	17.13	17.19	16.94	17.21	17.07		
10	256QAM	25	12	16.96	16.85	17.19	16.85	17.02		
10	256QAM	25	25	16.96	16.85	17.19	16.85	17.02	18	5
10	256QAM	50	0	16.84	16.84	16.88	17.05	16.88		
10	256QAM	50	12	17.11	17.11	17.11	17.11	17.11		
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.12	22.31	22.16	22.27	21.98		
5	QPSK	1	12	21.85	22.21	21.88	22.21	22.21	23.00	0
5	QPSK	12	0	21.26	20.89	21.19	21.01	20.89		
5	QPSK	12	7	21.20	21.23	21.16	21.22	21.08		
5	QPSK	12	19	21.08	21.12	21.09	21.12	21.04	22	1
5	QPSK	25	0	21.26	21.05	20.99	21.05	21.05		
5	16QAM	1	0	21.16	21.11	21.07	21.16	21.09		
5	16QAM	1	49	21.08	21.08	21.07	21.07	21.07	22	1
5	16QAM	1	24	21.15	20.98	20.93	20.95	21.02		
5	16QAM	12	0	20.87	20.98	20.98	20.98	20.98		
5	16QAM	12	7	20.42	20.35	20.39	20.22	20.38		
5	16QAM	12	13	20.10	20.43	20.24	20.36	20.43		
5	16QAM	12	19	20.13	20.11	20.13	20.13	20.13	21	2
5	16QAM	12	0	20.08	20.34	20.13	20.10	20.19		
5	64QAM	1	12	19.84	20.04	19.95	19.88	19.99		
5	64QAM	12	0	19.82	19.82	19.82	19.82	19.82	20	3
5	64QAM	12	0	19.16	19.32	19.11	19.24	19.07		
5	64QAM	12	7	19.23	19.02	18.95	19.30	19.22		
5	64QAM	12	19	19.02	19.19	18.87	19.07	19.05		
5	64QAM	25	0	18.98	19.23	19.05	18.98	19.20		
5	256QAM	1	0	17.00	17.21	16.94	16.96	17.02		
5	256QAM	1	25	16.94	17.18	16.78	16.78	17.00	18	5
5	256QAM	1	24	17.23	17.16	16.98	17.20	17.01		
5	256QAM	12	0	17.07	17.07	17.07	17.07	17.07		
5	256QAM	12	13	17.08	16.94	17.17	17.25	17.08		
5	256QAM	12	13	16.84	16.84	16.88	17.06	16.89		

<WCDMA>												
Band		WCDMA 8 Airt 1			WCDMA 4 Airt 1			WCDMA 5 Airt 1			Tune-up	
TX Channel		9262	9600	9638	Limit		1312	1413	1513	Limit		
Rx Channel		9662	9600	9638	(dBm)		1537	1638	1738	(dBm)		
Frequency (MHz)		1824	1800	1807.6			1712.4	1724	1727.6			
3GPP Rel 99		AMR 12.2Kbps	23.17	23.21	23.11	24.00	23.09	23.15	23.01	24.00	23.16	23.91
3GPP Rel 99		RMC 12.2Kbps	23.21	23.25	23.16	24.00	23.14	23.20	23.06	24.00	23.81	23.96
3GPP Rel 6		HSUPA Subtest-1	22.19	22.26	22.27	23.00	22.13	22.15	22.21	23.00	22.87	23.04
3GPP Rel 6		HSUPA Subtest-2	22.25	22.35	22.34	23.00	22.24	22.30	22.11	23.00	22.90	22.85
3GPP Rel 6		HSUPA Subtest-3	21.79	21.83	21.85	22.50	21.81	21.84	21.73	22.50	22.28	22.44
3GPP Rel 6		HSUPA Subtest-4	21.68	21.77	21.77	22.50	21.70	21.86	21.69	22.50	22.40	22.41
3GPP Rel 6		HSUPA Subtest-1	22.20	22.20	22.21	23.00	22.11	22.17	22.11	23.00	22.89	22.99
3GPP Rel 6		HSUPA Subtest-2	20.31	20.23	20.15	21.00	20.32	20.18	20.10	21.00	20.84	21.07
3GPP Rel 6		HSUPA Subtest-3	21.30	21.21	21.11	22.00	21.27	21.14	22.00	21.10	21.88	21.81
3GPP Rel 6		HSUPA Subtest-4	20.19	20.14	20.27	21.00	20.11	20.19	20.14	21.00	20.84	21.06
3GPP Rel 6		HSUPA Subtest-5	22.11	22.35	22.13	23.00	22.15	22.27	22.25	23.00	22.81	22.96

LTE Band 2 Ant 1													
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch / 1800	Mid Ch / 1800	High Ch / 1800	Turn-up limit [dBm]	MPR [dB]					
Channel Frequency [MHz]	Channel	RB Size	RB Offset	Low Ch / 1800	Mid Ch / 1800	High Ch / 1800	Turn-up limit [dBm]	MPR [dB]					
20 QPSK	1	0	22.63	22.29	22.71								
20 QPSK	48	0	22.63	22.29	22.71								
20 QPSK	1	99	22.63	22.29	22.71								
20 QPSK	50	0	21.89	21.88	21.84								
20 QPSK	24	0	21.89	21.88	21.84								
20 QPSK	50	50	21.88	21.76	21.61								
20 QPSK	100	0	21.71	21.81	21.78								
20 QPSK	1	99	21.71	21.81	21.78								
20 QPSK	50	0	20.88	20.78	20.79								
20 QPSK	50	24	20.79	20.78	20.79								
20 QPSK	100	0	20.51	20.56	20.77								
20 QPSK	1	0	20.54	20.77	20.75								
20 QPSK	1	99	20.74	20.86	20.76								
20 QPSK	50	0	19.85	19.76	19.84								
20 QPSK	50	24	19.76	19.85	19.75								
20 QPSK	100	0	19.71	19.83	19.87								
20 QPSK	1	0	17.81	17.71	17.66								
20 QPSK	1	99	17.86	17.78	17.84								
20 QPSK	1	99	17.73	17.71	17.83								
20 QPSK	50	0	17.64	17.77	17.75								
20 QPSK	50	24	17.65	17.88	17.81								
20 QPSK	100	0	17.55	17.77	17.67								
20 QPSK	100	0	17.55	17.77	17.67								
Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel
Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]
15 QPSK	1	0	22.63	22.27	22.56								
15 QPSK	1	97	22.63	22.27	22.67								
15 QPSK	74	0	22.63	22.27	22.49								
15 QPSK	36	0	21.67	21.97	21.78								
15 QPSK	36	20	21.71	21.72	21.52								
15 QPSK	39	0	21.68	21.77	21.59								
15 QPSK	75	0	21.53	21.81	21.67								
15 QPSK	1	0	21.44	21.72	21.58								
15 QPSK	1	37	21.56	21.71	21.68								
15 QPSK	1	74	21.59	21.53	21.77								
15 QPSK	36	0	20.65	20.81	20.68								
15 QPSK	36	20	20.67	20.56	20.71								
15 QPSK	36	39	20.64	20.46	20.80								
15 QPSK	75	0	20.14	20.47	20.37								
15 QPSK	1	0	20.87	20.77	20.74								
15 QPSK	1	37	20.53	20.61	20.68								
15 QPSK	1	74	20.62	20.81	20.57								
15 QPSK	36	0	19.65	19.61	19.81								
15 QPSK	36	20	19.65	19.61	19.81								
15 QPSK	36	39	19.53	19.54	19.35								
15 QPSK	75	0	19.52	19.95	19.89								
15 QPSK	1	0	17.52	17.57	17.52								
15 QPSK	1	74	17.57	17.63	17.77								
15 QPSK	36	0	17.45	17.48	17.23								
15 QPSK	36	20	17.44	17.72	17.70								
15 QPSK	36	39	17.77	17.67	17.57								
15 QPSK	75	0	17.69	17.73	17.45								
Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel
Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]
10 QPSK	1	0	22.67	22.81	22.84								
10 QPSK	1	25	22.67	22.73	22.70								
10 QPSK	48	0	22.67	22.73	22.70								
10 QPSK	25	0	21.81	21.89	21.77								
10 QPSK	25	12	21.82	21.75	21.69								
10 QPSK	50	0	21.49	21.85	21.68								
10 QPSK	1	0	21.62	21.78	21.87								
10 QPSK	1	99	21.62	21.81	21.72								
10 QPSK	1	49	21.69	21.69	21.85								
10 QPSK	1	25	20.80	20.80	20.80								
10 QPSK	25	12	20.69	20.65	20.51								
10 QPSK	25	25	20.45	20.45	20.85								
10 QPSK	50	0	20.62	20.75	20.82								
10 QPSK	1	0	20.72	20.76	20.53								
10 QPSK	1	25	20.49	20.84	20.56								
10 QPSK	1	99	20.62	20.73	20.63								
10 QPSK	25	0	19.73	19.85	19.73								
10 QPSK	25	12	19.71	19.83	19.71								
10 QPSK	25	25	19.75	19.84	19.52								
10 QPSK	50	0	19.59	19.84	19.85								
10 QPSK	1	0	17.64	17.73	17.67								
10 QPSK	1	49	17.71	17.71	17.66								
10 QPSK	1	25	17.65	17.75	17.72								
10 QPSK	25	12	17.54	17.81	17.61								
10 QPSK	25	25	17.79	17.68	17.62								
10 QPSK	50	0	17.69	17.73	17.45								
Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel
Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]	Frequency [MHz]
5 QPSK	1	0	22.63	22.73	22.73								
5 QPSK	1	12	22.63	22.83	22.67								
5 QPSK	1	24	22.61	22.67	22.55								
5 QPSK	12	0	21.89	21.90	21.78								
5 QPSK	12	7	21.68	21.76	21.73								
5 QPSK	12	13	21.77	21.66	21.53								
5 QPSK	1	0	21.56	21.75	21.67								
5 QPSK	1	0	21.72	21.83	21.81								
5 QPSK	12	0	21.47	21.82	21.62								
5 QPSK	1	24	21.69	21.84	21.88								
5 QPSK	12	0	20.79	20.77	20.73								
5 QPSK	12	13	20.75	20.73	20.68								
5 QPSK	12	13	20.46	20.45	20.88								
5 QPSK	25	0	20.78	20.65	20.77								
5 QPSK	25	0	20.86	20.75	20.85								
5 QPSK	1	0	20.72	20.80	20.54								
5 QPSK	1	49	20.71	20.85	20.75								
5 QPSK	12	0	19.75	19.82	19.83								
5 QPSK	12	7	19.57	19.71	19.69								
5 QPSK	1	0	19.77	19.85	19.84								

LTE Band 38 Other PA Ant 2											
Band	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-on time (ms)	MPR (dB)			
Channel Frequency (MHz)	Channel Bandwidth (MHz)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)
20	QPSK	1	0	22.22	22.22	22.24	24	0			
20	QPSK	1	49	22.22	22.22	22.16					
20	QPSK	1	89	22.21	22.20	22.21					
20	QPSK	50	0	21.54	21.58	21.38	23	1			
20	QPSK	50	24	21.52	21.52	21.38					
20	QPSK	50	50	21.45	21.35	21.37					
20	QPSK	100	0	21.25	21.32	21.31	23	1			
20	QPSK	100	24	21.26	21.31	21.38					
20	QPSK	100	49	21.41	21.38	21.40	23	1			
20	QPSK	100	74	21.31	21.45	21.43					
20	QPSK	100	99	20.31	20.43	20.51					
20	QPSK	50	24	20.32	20.20	20.20	22	2			
20	QPSK	50	50	20.39	20.51	20.47					
20	QPSK	100	0	20.38	20.30	20.34					
20	QPSK	100	24	20.30	20.44	20.49					
20	QPSK	100	49	20.39	20.33	20.53	22	2			
20	QPSK	100	74	20.30	20.39	20.24					
20	QPSK	50	0	19.23	19.27	19.30					
20	QPSK	50	24	19.24	19.42	19.33					
20	QPSK	50	50	19.30	19.30	19.29	21	3			
20	QPSK	100	0	19.46	19.47	19.42					
20	QPSK	100	24	19.42	19.31	19.18					
20	QPSK	100	49	17.52	17.45	17.43	19	5			
20	QPSK	100	74	17.19	17.17	17.31					
20	QPSK	100	99	17.22	17.30	17.33					
20	QPSK	50	24	17.40	17.20	17.34	19	5			
20	QPSK	50	50	17.39	17.42	17.25					
20	QPSK	100	0	17.25	17.21	17.26					
Channel Frequency (MHz)	Channel Bandwidth (MHz)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)
15	QPSK	1	0	22.10	22.22	22.20					
15	QPSK	1	37	22.09	22.14	22.17	24	0			
15	QPSK	1	74	22.09	22.14	22.17					
15	QPSK	36	0	21.36	21.54	21.21					
15	QPSK	36	20	21.40	21.33	21.18	23	1			
15	QPSK	36	36	21.32	21.28	21.25					
15	QPSK	75	0	21.13	21.22	21.13					
15	QPSK	75	1	21.11	21.23	21.23					
15	QPSK	100	0	21.24	21.29	21.38	23	1			
15	QPSK	100	14	21.33	21.34	21.39					
15	QPSK	100	37	21.34	21.32	21.36					
15	QPSK	36	20	20.23	20.18	20.08	22	2			
15	QPSK	36	36	20.18	20.52	20.38					
15	QPSK	75	0	20.52	20.45	20.22					
15	QPSK	75	1	20.32	20.24	20.50					
15	QPSK	100	0	20.34	20.20	20.10	22	2			
15	QPSK	100	14	20.15	20.20	20.19					
15	QPSK	36	0	19.23	19.08	19.15					
15	QPSK	36	20	19.24	19.22	19.30	21	3			
15	QPSK	36	36	19.25	19.21	19.19					
15	QPSK	75	0	19.44	19.33	19.28					
15	QPSK	75	1	19.55	19.45	19.35					
15	QPSK	100	0	17.31	17.29	17.37	19	5			
15	QPSK	100	14	17.16	17.18	17.22					
15	QPSK	100	37	17.25	17.25	17.17					
15	QPSK	36	20	17.22	17.11	17.22	19	5			
15	QPSK	36	36	17.31	17.25	17.11					
15	QPSK	75	0	17.15	17.12	17.12					
Channel Frequency (MHz)	Channel Bandwidth (MHz)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)
10	QPSK	1	0	22.41	22.41	22.41	24	0			
10	QPSK	1	25	22.17	22.22	22.16					
10	QPSK	49	0	22.08	22.19	22.08					
10	QPSK	25	0	21.46	21.46	21.20					
10	QPSK	25	12	21.54	21.38	21.24	23	1			
10	QPSK	25	24	21.57	21.42	21.28					
10	QPSK	50	0	21.21	21.17	21.21					
10	QPSK	100	0	21.07	21.33	21.30	23	1			
10	QPSK	100	24	21.06	21.29	21.28					
10	QPSK	100	49	21.16	21.29	21.28					
10	QPSK	25	0	20.11	20.36	20.39					
10	QPSK	25	12	20.32	20.15	20.02	22	2			
10	QPSK	25	25	20.31	20.37	20.29					
10	QPSK	50	0	20.19	20.22	20.35					
10	QPSK	50	12	20.33	20.23	20.43					
10	QPSK	100	0	20.28	20.14	20.22	22	2			
10	QPSK	100	24	20.22	20.26	20.19					
10	QPSK	25	0	19.24	19.14	19.10					
10	QPSK	25	12	19.03	19.38	19.26	21	3			
10	QPSK	25	25	19.04	19.11	19.15					
10	QPSK	50	0	18.28	18.48	18.43					
10	QPSK	50	12	17.06	17.15	17.14					
10	QPSK	25	0	17.47	17.30	17.31	19	5			
10	QPSK	25	12	17.05	17.01	17.18					
10	QPSK	25	25	17.00	17.28	17.15					
10	QPSK	50	0	17.20	17.20	17.24					
10	QPSK	50	12	17.30	17.40	17.11					
10	QPSK	50	25	17.35	17.40	17.11					
10	QPSK	100	0	17.16	17.13	17.12					
Channel Frequency (MHz)	Channel Bandwidth (MHz)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)
5	QPSK	1	0	22.73	22.74	22.74	24	0			
5	QPSK	1	12	22.12	22.03	22.13					
5	QPSK	1	24	22.14	22.14	22.06					
5	QPSK	12	0	21.46	21.46	21.17					
5	QPSK	12	7	21.34	21.20	21.20	23	1			
5	QPSK	12	13	21.37	21.20	21.19					
5	QPSK	25	0	21.15	21.31	21.30					
5	QPSK	100	0	21.11	21.34	21.36	23	1			
5	QPSK	100	12	21.28	21.33	21.24					
5	QPSK	100	24	21.00	21.35	21.22					
5	QPSK	12	0	20.14	20.16	20.09					
5	QPSK	12	13	20.28	20.31	20.26	22	2			
5	QPSK	25	0	20.23	20.29	20.15					
5	QPSK	25	12	20.34	20.34	20.38					
5	QPSK	100	0	20.21	20.28	20.25	22	2			
5	QPSK	100	12	20.31	20.30	20.21					
5	QPSK	100	24	19.15	19.08	19.20					
5	QPSK	12	7	19.03	19.36	19.12	21	3			
5	QPSK	12	13	19.17	19.20	19.16					
5	QPSK	25	0	18.26	18.40	18.26					
5	QPSK	25	12	17.33	17.27	17.07	19	5			
5	QPSK	25	25	17.40	17.38	17.44					
5	QPSK	100	0	17.40	17.38	17.44					
5	QPSK	100	12	17.32	17.32	17.25					
5	QPSK	100	24	17.32	17.38	17.14	19	5			
5	QPSK	25	0	17.21	17.13	17.05					

LTE Band 41 Other PA Ant 2											
Band	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-on time (ms)	MPR (dB)			
Channel Frequency (MHz)	Channel Bandwidth (MHz)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)	Channel Power (dBm)
20	QPSK	1	0	22.89	22.98	23.01	22.80	22.83			
20	QPSK	1	49	22.74	22.90	23.00	22.89	22.94	24	0	
20	QPSK	1	99	22.60	22.96	23.03	22.72	22.83			
20	QPSK	50	0	21.88	21.91	22.06	21.83	21.83			
20	QPSK	50	24	21.82	21.91	22.01	21.79	21.89			
20	QPSK	50	50	21.84	21.83	21.78	21.69	21.82	23	1	
20	QPSK	100	0	21.99	21.90	22.01	21.81	21.86			
20	QPSK	100	24	21.90	21.82	21.88	21.74	21.84			
20	QPSK	100	49	21.85	21.85	21.86	21.63	21.63	23	1	
20	QPSK	100	74	21.68	21.98	21.76	21.76	21.50			
20	QPSK	100	99	20.91	20.95	20.98	20.60	20.74			
20	QPSK	50	24	20.86	20.81	20.90	20.81	20.51	22	2	
20	QPSK	50	50	20.96	20.92	20.94	20.82	20.86			
20	QPSK	100	0	20.89	20.92	20.99	20.95	20.94			
20	QPSK	100	24	20.90	20.79	20.73	20.84	20.70			
20	QPSK	100	49	20.88	20.83	20.93	20.70	20.59			
20	QPSK	100	74	20.79	20.88	20.76	20.36	20.58			
20	QPSK	100	99	20.90	20.80	20.81	20.74	20.70			
20	QPSK	50	24	19.79	19.79	19.85	19.68	19.71	21	3	
20	QPSK	50	50	19.88	19.72	19.70	19.84	19.73			
20	QPSK	100	0	19.88	19.72	19.71	19.71	19.64			
20	QPSK	100	24	17.88	17.70	17.79	17.88	17.86			
20	QPSK	100	49	17.88	17.70	17.79	17.88	17.86	19	5	
20	QPSK	100	74	17.88	17.68	17.62	17.68	17.76			
20	QPSK	100	99	17.88	17.68	17.62	17.68	17.76			
20	QPSK	50	0	17.62	17.82	17.94	17.91	17.47			
20	QPSK	50	24	17.62	17.82	17.94	17.91	17.47	19	5	
20	QPSK	50	50	17.62	17.82	17.94	17.91	17.47			
20	QPSK	100	0	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	24	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	49	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	74	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	99	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	124	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	149	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	174	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	199	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	224	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	249	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	274	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	299	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	324	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	349	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	374	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	399	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	424	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	449	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	474	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	499	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	524	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	549	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	574	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	599	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	624	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	649	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	674	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	699	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	724	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	749	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	774	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	799	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	824	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	849	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	874	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	899	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	924	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	949	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	974	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	999	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1024	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1049	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1074	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1099	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1124	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1149	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1174	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1199	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1224	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1249	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1274	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1299	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1324	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1349	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1374	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1399	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1424	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1449	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1474	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1499	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1524	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1549	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1574	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1599	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1624	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1649	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1674	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1699	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1724	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1749	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1774	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1799	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1824	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1849	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1874	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1899	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1924	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1949	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1974	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	1999	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2024	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2049	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2074	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2099	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2124	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2149	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2174	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2199	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2224	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2249	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2274	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2299	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2324	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2349	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2374	17.78	17.63	17.63	17.78	17.63			
20	QPSK	100	2399	17.78	17.63	17.63	17.78	17.63			

LTE Band 42 Part 96 Ant 2										
BW (MHz)	Modulation	n	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-use limit (dBm)	MPR (dB)	
Channel										
Frequency (MHz)										
20	QPSK	1	0	0	18.55	18.59	18.48			
20	QPSK	1	49	18.43	18.36	18.51	20	0		
20	QPSK	1	99	18.54	18.43	18.49				
20	QPSK	50	0	18.47	18.56	18.52				
20	QPSK	50	24	18.42	18.54	18.48				0
20	QPSK	50	49	18.58	18.37	18.41				
20	QPSK	100	0	18.37	18.54	18.52				
20	16QAM	1	0	18.46	18.48	18.44				
20	16QAM	1	49	18.51	18.42	18.53				
20	16QAM	1	99	18.53	18.48	18.51				
20	16QAM	50	0	18.44	18.48	18.49				
20	16QAM	50	24	18.50	18.39	18.37				
20	16QAM	50	50	18.53	18.39	18.42				
20	16QAM	100	0	18.37	18.44	18.41				
20	64QAM	1	0	18.45	18.52	18.49				
20	64QAM	1	49	18.42	18.41	18.38				
20	64QAM	1	99	18.53	18.58	18.52				
20	64QAM	50	0	18.48	18.47	18.37				
20	64QAM	50	24	18.45	18.52	18.38				
20	64QAM	50	50	18.48	18.49	18.37				
20	64QAM	100	0	18.51	18.41	18.53				
20	256QAM	1	0	18.36	18.52	18.50				
20	256QAM	1	49	18.42	18.40	18.44				
20	256QAM	1	99	18.52	18.46	18.51				
20	256QAM	50	0	18.41	18.41	18.34				
20	256QAM	50	24	18.48	18.45	18.58				
20	256QAM	50	50	18.50	18.49	18.36				
20	256QAM	100	0	18.38	18.45	18.50				
Channel										
Frequency (MHz)										
16	QPSK	1	0	0	18.57	18.57	18.67.5	limit		MPR (dB)
16	QPSK	1	0	0	18.50	18.53	18.33			
16	QPSK	1	37	18.26	18.18	18.37	20	0		
16	QPSK	1	74	18.43	18.43	18.33				
16	QPSK	36	0	18.40	18.41	18.42				
16	QPSK	36	20	18.29	18.34	18.27				
16	QPSK	36	39	18.50	18.30	18.33	20	0		
16	QPSK	75	0	18.26	18.37	18.49				
16	16QAM	1	0	18.41	18.34	18.37				
16	16QAM	1	37	18.41	18.31	18.37	20	0		
16	16QAM	1	74	18.43	18.42	18.32				
16	16QAM	36	0	18.36	18.39	18.37				
16	16QAM	36	20	18.32	18.27	18.18				
16	16QAM	36	39	18.36	18.30	18.28				
16	16QAM	75	0	18.26	18.35	18.32				
16	64QAM	1	0	18.34	18.35	18.32				
16	64QAM	1	37	18.33	18.28	18.25				
16	64QAM	1	74	18.43	18.40	18.30				
16	64QAM	36	0	18.41	18.33	18.19				
16	64QAM	36	20	18.40	18.44	18.22				
16	64QAM	36	39	18.40	18.39	18.25				
16	64QAM	75	0	18.46	18.25	18.36				
16	256QAM	1	0	18.26	18.44	18.36				
16	256QAM	1	37	18.38	18.28	18.25				
16	256QAM	1	74	18.47	18.39	18.45				
16	256QAM	36	0	18.35	18.37	18.27				
16	256QAM	36	20	18.35	18.31	18.36				
16	256QAM	36	39	18.43	18.38	18.23				
16	256QAM	75	0	18.48	18.28	18.25				
Channel										
Frequency (MHz)										
10	QPSK	1	0	0	18.37	18.44	18.39			
10	QPSK	1	25	18.38	18.27	18.48				
10	QPSK	49	0	18.35	18.33	18.44				
10	QPSK	25	0	18.38	18.42	18.35				
10	QPSK	25	12	18.33	18.43	18.35				
10	QPSK	25	37	18.38	18.28	18.35				
10	QPSK	50	0	18.22	18.42	18.44				
10	16QAM	1	0	18.33	18.40	18.41				
10	16QAM	1	25	18.37	18.32	18.41				
10	16QAM	1	49	18.42	18.35	18.41				
10	16QAM	25	0	18.36	18.34	18.34				
10	16QAM	25	12	18.31	18.29	18.30				
10	16QAM	25	37	18.39	18.24	18.25				
10	16QAM	50	0	18.40	18.24	18.21				
10	64QAM	1	0	18.38	18.44	18.36				
10	64QAM	1	25	18.31	18.29	18.30				
10	64QAM	25	0	18.40	18.32	18.22				
10	64QAM	25	12	18.41	18.45	18.33				
10	64QAM	50	0	18.31	18.34	18.44				
10	256QAM	1	0	18.16	18.41	18.30				
10	256QAM	1	25	18.26	18.30	18.30				
10	256QAM	1	49	18.45	18.37	18.32				
10	256QAM	25	0	18.31	18.25	18.36				
10	256QAM	25	12	18.34	18.39	18.39				
10	256QAM	25	37	18.43	18.30	18.31				
10	256QAM	50	0	18.45	18.36	18.20				
Channel										
Frequency (MHz)										
5	QPSK	1	0	0	18.43	18.47	18.39			
5	QPSK	1	12	18.23	18.16	18.38	20	0		
5	QPSK	1	24	18.39	18.35	18.38				
5	QPSK	12	0	18.34	18.52	18.32				
5	QPSK	12	7	18.35	18.39	18.31				
5	QPSK	12	13	18.42	18.19	18.31				
5	QPSK	25	0	18.26	18.42	18.37				
5	16QAM	1	0	18.33	18.41	18.45				
5	16QAM	1	12	18.32	18.29	18.34				
5	16QAM	1	24	18.48	18.40	18.33				
5	16QAM	12	0	18.36	18.31	18.43				
5	16QAM	12	7	18.36	18.34	18.29				
5	16QAM	12	13	18.38	18.21	18.24				
5	16QAM	25	0	18.50	18.38	18.31				
5	64QAM	1	0	18.36	18.32	18.41				
5	64QAM	1	12	18.28	18.34	18.29	20	0		
5	64QAM	1	24	18.42	18.38	18.27				
5	64QAM	12	0	18.32	18.37	18.29				
5	64QAM	12	7	18.29	18.40	18.28				
5	64QAM	12	13	18.43	18.41	18.25				
5	64QAM	25	0	18.41	18.34	18.30				
5	256QAM	1	0	18.30	18.45	18.39				
5	256QAM	1	12	18.23	18.23	18.30				
5	256QAM	1	24	18.47	18.35	18.42				
5	256QAM	12	0	18.34	18.35	18.42				
5	256QAM	12	7	18.31	18.34	18.35				
5	256QAM	12	13	18.40	18.41	18.17				
5	256QAM	25	0	18.47	18.30	18.41				

LTE Band 42 Part 27Q Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-use limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	18.46	18.50	18.48				
20	QPSK	1	49	18.34	18.32	18.50			20	0
20	QPSK	1	99	18.52	18.30	18.47				
20	QPSK	50	0	18.40	18.52	18.42				
20	QPSK	50	24	18.33	18.44	18.40				
20	QPSK	50	50	18.44	18.35	18.35				
20	QPSK	100	0	18.36	18.48	18.31				
20	16QAM	1	0	18.43	18.44	18.44				
20	16QAM	1	49	18.44	18.29	18.45				
20	16QAM	1	99	18.38	18.34	18.42				
20	16QAM	50	0	18.37	18.38	18.40				
20	16QAM	50	24	18.34	18.37	18.32				
20	16QAM	50	50	18.45	18.34	18.36				
20	16QAM	100	0	18.50	18.42	18.25				
20	64QAM	1	0	18.43	18.42	18.46				
20	64QAM	1	49	18.28	18.35	18.23				
20	64QAM	1	99	18.42	18.49	18.25				
20	64QAM	50	0	18.38	18.48	18.31				
20	64QAM	50	24	18.46	18.40	18.34				
20	64QAM	50	50	18.41	18.48	18.27				
20	64QAM	100	0	18.42	18.30	18.42				
20	256QAM	1	0	18.22	18.40	18.33				
20	256QAM	1	49	18.31	18.35	18.41				
20	256QAM	1	99	18.48	18.31	18.32				
20	256QAM	50	0	18.45	18.38	18.25				
20	256QAM	100	0	18.48	18.42	18.35				
Channel										
Frequency (MHz)										
15	QPSK	1	0	18.31	18.25	18.33			15	0
15	QPSK	1	49	18.13	18.12	18.22				
15	QPSK	1	74	18.33	18.23	18.34				
15	QPSK	1	99	18.28	18.41	18.37				
15	QPSK	50	0	18.28	18.41	18.21				
15	QPSK	50	24	18.27	18.30	18.25				
15	QPSK	50	50	18.27	18.27	18.19				
15	QPSK	100	0	18.28	18.36	18.27				
15	16QAM	1	0	18.35	18.35	18.35				
15	16QAM	1	49	18.28	18.10	18.27				
15	16QAM	1	74	18.28	18.14	18.21				
15	16QAM	1	99	18.27	18.31	18.36				
15	16QAM	50	0	18.27	18.31	18.36				
15	16QAM	50	24	18.20	18.28	18.22				
15	16QAM	50	50	18.27	18.14	18.21				
15	16QAM	100	0	18.43	18.28	18.17				
15	64QAM	1	0	18.32	18.30	18.30				
15	64QAM	1	49	18.26	18.10	18.27				
15	64QAM	1	74	18.26	18.35	18.16				
15	64QAM	1	99	18.26	18.19	18.29				
15	64QAM	50	0	18.12	18.18	18.28				
15	64QAM	50	24	18.43	18.23	18.41				
15	64QAM	50	50	18.40	18.24	18.40				
15	64QAM	100	0	18.35	18.28	18.22				
Channel										
Frequency (MHz)										
10	QPSK	1	0	18.41	18.37	18.36				
10	QPSK	1	49	18.20	18.18	18.22				
10	QPSK	1	99	18.40	18.15	18.38				
10	QPSK	25	0	18.36	18.39	18.35				
10	QPSK	25	12	18.37	18.28	18.39				
10	QPSK	25	25	18.38	18.29	18.34				
10	QPSK	50	0	18.17	18.30	18.14				
10	16QAM	1	0	18.33	18.32	18.32				
10	16QAM	1	25	18.27	18.14	18.29				
10	16QAM	1	49	18.33	18.18	18.25				
10	16QAM	25	0	18.31	18.39	18.27				
10	16QAM	25	12	18.15	18.24	18.15				
10	16QAM	25	25	18.39	18.22	18.31				
10	16QAM	50	0	18.42	18.28	18.39				
10	64QAM	1	0	18.30	18.24	18.31				
10	64QAM	1	25	18.19	18.29	18.22				
10	64QAM	1	49	18.35	18.29	18.12				
10	64QAM	25	0	18.22	18.33	18.13				
10	64QAM	25	12	18.33	18.35	18.16				
10	64QAM	25	25	18.36	18.20	18.13				
10	64QAM	50	0	18.26	18.29	18.30				
10	64QAM	50	12	18.42	18.28	18.39				
10	256QAM	1	0	18.26	18.13	18.35				
10	256QAM	25	0	18.11	18.22	18.22				
10	256QAM	25	12	18.32	18.19	18.35				
10	256QAM	50	0	18.28	18.14	18.37				
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.31	18.40	18.33				
5	QPSK	1	12	18.15	18.24	18.40				
5	QPSK	1	25	18.31	18.15	18.16				
5	QPSK	12	7	18.21	18.47	18.34				
5	QPSK	12	7	18.24	18.37	18.19				
5	QPSK	12	19	18.24	18.24	18.24				
5	QPSK	25	0	18.18	18.41	18.22				
5	QPSK	25	12	18.27	18.26	18.39				
5	QPSK	25	25	18.40	18.14	18.14				
5	16QAM	1	0	18.33	18.25	18.38				
5	16QAM	1	12	18.19	18.29	18.22				
5	16QAM	1	25	18.28	18.31	18.14				
5	16QAM	12	13	18.35	18.16	18.21				
5	16QAM	12	25	18.39	18.22	18.32				
5	16QAM	25	0	18.39	18.24	18.21				
5	64QAM	1	12	18.34	18.28	18.13				
5	64QAM	1	25	18.33	18.31	18.17				
5	64QAM	12	13	18.30	18.41	18.33				
5	64QAM	12	25	18.34	18.24	18.17				
5	64QAM	25	0	18.16	18.38	18.26				
5	64QAM	25	12	18.24	18.32	18.22				
5	64QAM	25	25	18.29	18.27	18.42				
5	64QAM	12	13	18.35	18.11	18.25				
5	256QAM	12	13	18.28	18.23	18.15				

LTE Band 48 Part 96 Ant 2											
BW [MHz]	Modulatio n	RB Size	RB Offset	Power Low Ch. / Power Mid	Power Low Mid	Power High Mid	Power High Ch. / Power Mid	Power High Ch. / Power Mid	Power High Ch. / Power Mid	Power High Ch. / Power Mid	Power High Ch. / Power Mid
Channel				5330	5330	5330	5330	5330	5330	5330	5330
Frequency (MHz)				3540	3540	3540	3540	3540	3540	3540	3540
20	QPSK	1	0	18.94	19.05	19.05	19.05	19.05	19.05	19.05	19.05
20	QPSK	1	49	18.99	18.84	18.84	18.84	18.84	18.84	18.84	18.84
20	QPSK	1	99	19.05	18.85	18.85	18.85	18.85	18.85	18.85	18.85
20	QPSK	50	0	18.98	19.04	19.04	19.04	19.04	19.04	19.04	19.04
20	QPSK	50	24	18.97	18.96	18.96	18.96	18.96	18.96	18.96	18.96
20	QPSK	50	50	18.91	19.01	19.01	19.01	19.01	19.01	19.01	19.01
20	QPSK	100	0	18.94	19.01	19.01	19.01	19.01	19.01	19.01	19.01
20	16QAM	1	0	18.97	18.85	18.85	18.85	18.85	18.85	18.85	18.85
20	16QAM	1	49	18.98	19.04	19.04	19.04	19.04	19.04	19.04	19.04
20	16QAM	1	99	18.97	18.84	18.84	18.84	18.84	18.84	18.84	18.84
20	16QAM	50	0	18.81	19.04	19.04	19.04	19.04	19.04	19.04	19.04
20	16QAM	50	24	18.88	19.00	19.00	19.00	19.00	19.00	19.00	19.00
20	16QAM	50	50	18.97	19.03	19.03	19.03	19.03	19.03	19.03	19.03
20	16QAM	100	0	19.01	18.99	18.99	18.99	18.99	18.99	18.99	18.99
20	64QAM	1	0	18.84	18.87	18.87	18.87	18.87	18.87	18.87	18.87
20	64QAM	1	49	18.87	18.96	18.96	18.96	18.96	18.96	18.96	18.96
20	64QAM	1	99	18.85	18.99	18.99	18.99	18.99	18.99	18.99	18.99
20	64QAM	50	0	18.85	19.00	19.00	19.00	19.00	19.00	19.00	19.00
20	64QAM	50	24	18.89	18.96	18.96	18.96	18.96	18.96	18.96	18.96
20	64QAM	50	50	18.92	19.00	19.00	19.00	19.00	19.00	19.00	19.00
20	64QAM	100	0	19.00	18.90	18.90	18.90	18.90	18.90	18.90	18.90
20	256QAM	1	0	18.96	19.04	19.04	19.04	19.04	19.04	19.04	19.04
20	256QAM	1	49	19.04	18.86	18.86	18.86	18.86	18.86	18.86	18.86
20	256QAM	1	99	18.98	18.99	18.99	18.99	18.99	18.99	18.99	18.99
20	256QAM	50	0	18.82	18.96	18.96	18.96	18.96	18.96	18.96	18.96
20	256QAM	50	24	19.01	18.99	18.99	18.99	18.99	18.99	18.99	18.99
20	256QAM	50	50	18.95	18.95	18.95	18.95	18.95	18.95	18.95	18.95
20	256QAM	100	0	18.85	19.00	19.00	19.00	19.00	19.00	19.00	19.00
Channel				5335	5335	5335	5335	5335	5335	5335	5335
Frequency (MHz)				3545	3545	3545	3545	3545	3545	3545	3545
15	QPSK	1	0	18.87	19.01	19.01	19.01	19.01	19.01	19.01	19.01
15	QPSK	1	37	18.92	18.72	18.72	18.72	18.72	18.72	18.72	18.72
15	QPSK	1	74	18.98	18.79	18.79	18.79	18.79	18.79	18.79	18.79
15	QPSK	36	0	18.88	18.97	18.97	18.97	18.97	18.97	18.97	18.97
15	QPSK	36	20	18.81	18.87	18.87	18.87	18.87	18.87	18.87	18.87
15	QPSK	36	39	18.80	18.84	18.84	18.84	18.84	18.84	18.84	18.84
15	QPSK	75	0	18.85	18.93	18.93	18.93	18.93	18.93	18.93	18.93
15	16QAM	1	0	18.84	18.75	18.75	18.75	18.75	18.75	18.75	18.75
15	16QAM	1	37	18.89	18.86	18.86	18.86	18.86	18.86	18.86	18.86
15	16QAM	1	74	18.89	18.86	18.86	18.86	18.86	18.86	18.86	18.86
15	16QAM	36	0	18.77	18.95	18.95	18.95	18.95	18.95	18.95	18.95
15	16QAM	36	20	18.73	18.95	18.95	18.95	18.95	18.95	18.95	18.95
15	16QAM	36	39	18.90	18.95	18.95	18.95	18.95	18.95	18.95	18.95
15	16QAM	75	0	18.88	18.84	18.84	18.84	18.84	18.84	18.84	18.84
15	64QAM	1	0	18.70	18.82	18.82	18.82	18.82	18.82	18.82	18.82
15	64QAM	1	37	18.82	18.81	18.81	18.81	18.81	18.81	18.81	18.81
15	64QAM	1	74	18.75	18.87	18.87	18.87	18.87	18.87	18.87	18.87
15	64QAM	36	0	18.68	18.86	18.86	18.86	18.86	18.86	18.86	18.86
15	64QAM	36	20	18.82	18.84	18.84	18.84	18.84	18.84	18.84	18.84
15	64QAM	36	39	18.72	18.72	18.72	18.72	18.72	18.72	18.72	18.72
15	64QAM	75	0	18.92	18.80	18.80	18.80	18.80	18.80	18.80	18.80
15	256QAM	1	0	18.92	18.80	18.80	18.80	18.80	18.80	18.80	18.80
15	256QAM	1	37	18.85	18.88	18.88	18.88	18.88	18.88	18.88	18.88
15	256QAM	1	74	18.90	18.93	18.93	18.93	18.93	18.93	18.93	18.93
15	256QAM	36	0	18.72	18.86	18.86	18.86	18.86	18.86	18.86	18.86
15	256QAM	36	20	18.85	18.92	18.92	18.92	18.92	18.92	18.92	18.92
15	256QAM	36	39	18.81	18.88	18.88	18.88	18.88	18.88	18.88	18.88
15	256QAM	75	0	18.75	18.95	18.95	18.95	18.95	18.95	18.95	18.95
Channel				5340	5340	5340	5340	5340	5340	5340	5340
Frequency (MHz)				3550	3550	3550	3550	3550	3550	3550	3550
10	QPSK	1	0	18.83	18.91	18.91	18.91	18.91	18.91	18.91	18.91
10	QPSK	1	25	18.94	18.68	18.68	18.68	18.68	18.68	18.68	18.68
10	QPSK	1	49	18.84	18.67	18.67	18.67	18.67	18.67	18.67	18.67
10	QPSK	25	0	18.83	18.94	18.94	18.94	18.94	18.94	18.94	18.94
10	QPSK	25	12	18.81	18.68	18.68	18.68	18.68	18.68	18.68	18.68
10	QPSK	25	25	18.73	18.63	18.63	18.63	18.63	18.63	18.63	18.63
10	QPSK	50	0	18.75	18.62	18.62	18.62	18.62	18.62	18.62	18.62
10	16QAM	1	0	18.84	18.67	18.67	18.67	18.67	18.67	18.67	18.67
10	16QAM	1	24	18.82	18.65	18.65	18.65	18.65	18.65	18.65	18.65
10	16QAM	1	49	18.88	18.74	18.74	18.74	18.74	18.74	18.74	18.74
10	16QAM	25	0	18.62	18.86	18.86	18.86	18.86	18.86	18.86	18.86
10	16QAM	25	12	18.69	18.90	18.90	18.90	18.90	18.90	18.90	18.90
10	16QAM	25	25	18.78	18.97	18.97	18.97	18.97	18.97	18.97	18.97
10	16QAM	50	0	18.97	18.81	18.81	18.81	18.81	18.81	18.81	18.81
10	16QAM	1	0	18.73	18.72	18.72	18.72	18.72	18.72	18.72	18.72
10	64QAM	1	25	18.75	18.82	18.82	18.82	18.82	18.82	18.82	18.82
10	64QAM	1	49	18.74	18.79	18.79	18.79	18.79	18.79	18.79	18.79
10	64QAM	25	0	18.68	18.62	18.62	18.62	18.62	18.62	18.62	18.62
10	64QAM	25	12	18.74	18.81	18.81	18.81	18.81	18.81	18.81	18.81
10	64QAM	25	25	18.78	18.82	18.82	18.82	18.82	18.82	18.82	18.82
10	64QAM	50	0	18.90	18.71	18.71	18.71	18.71	18.71	18.71	18.71
10	256QAM	1	0	18.85	18.95	18.95	18.95	18.95	18.95	18.95	18.95
10	256QAM	1	25	18.92	18.85	18.85	18.85	18.85	18.85	18.85	18.85
10	256QAM	1	49	18.90	18.94	18.94	18.94	18.94	18.94	18.94	18.94
10	256QAM	25	0	18.75	18.91	18.91	18.91	18.91	18.91	18.91	18.91
10	256QAM	25	12	18.86	18.86	18.86	18.86	18.86	18.86	18.86	18.86
10	256QAM	25	25	18.85	18.78	18.78	18.78	18.78	18.78	18.78	18.78
10	256QAM	50	0	18.70	18.91	18.91	18.91	18.91	18.91	18.91	18.91
Channel				5345	5345	5345	5345	5345	5345	5345	5345
Frequency (MHz)				3555	3555	3555	3555	3555	3555	3555	3555
5	QPSK	1	0	18.82	19.00	19.00	19.00	19.00	19.00	19.00	19.00
5	QPSK	1	12	18.83	18.73	18.73	18.73	18.73	18.73	18.73	18.73
5	QPSK	1	24	18.90	18.69	18.69	18.69	18.69	18.69	18.69	18.69
5	QPSK	12	0	18.83	18.85	18.85	18.85	18.85	18.85	18.85	18.85
5	QPSK	12	7	18.85	18.68	18.68	18.68	18.68	18.68	18.68	18.68
5	QPSK	12	13	18.84	18.90	18.90	18.90	18.90	18.90	18.90	18.90
5	QPSK	25	0	18.80	18.88	18.88	18.88	18.88	18.88	18.88	18.88
5	16QAM	1	0	18.81	18.78	18.78	18.78	18.78	18.78	18.78	18.78
5	16QAM	1	12	18.87	18.66	18.66	18.66	18.66	18.66	18.66	18.66
5	16QAM	1	24	18.84	18.65	18.65	18.65	18.65	18.65	18.65	18.65
5	16QAM	12	0	18.71	18.87	18.87	18.87	18.87	18.87	18.87	18.87
5	16QAM	12	7	18.69	18.90	18.90	18.90	18.90	18.90	18.90	18.90
5	16QAM	12	13	18.83	18.89	18.89	18.89	18.89	18.89	18.89	18.89
5	16QAM	25	0								

LTE Band 2 Other PA Ant 5												
BW (MHz)	Module ID	RB Set	RB Offset	Channel Frequency (MHz)	Low Ch / 190K	Midle Ch / 190K	High Ch / 190K	Time-slot (ms)	MPR (dB)			
20	QPSK	1	0	19.19	19.20	19.69	19.70	20	0			
20	QPSK	1	49	19.86	19.87	20.32	20.32	20	0			
20	QPSK	50	0	19.86	19.87	20.32	20.32	20	0			
20	QPSK	50	49	19.19	19.20	19.69	19.70	20	0			
20	QPSK	100	0	19.86	19.87	20.32	20.32	20	0			
20	QPSK	100	49	19.19	19.20	19.69	19.70	20	0			
20	16QAM	1	49	19.87	19.18	19.13	19.13	20	0			
20	16QAM	1	99	19.16	19.16	19.16	19.16	20	0			
20	16QAM	50	0	19.16	19.16	19.16	19.16	20	0			
20	16QAM	50	24	19.11	19.88	19.18	19.18	20	0			
20	16QAM	50	50	19.16	19.16	19.16	19.16	20	0			
20	16QAM	100	0	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	49	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	99	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	0	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	49	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	99	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	0	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	49	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	99	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	0	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	24	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	50	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	99	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	0	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	49	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	99	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	0	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	24	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	50	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	99	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	0	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	49	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	99	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	0	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	24	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	50	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	99	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	0	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	49	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	99	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	0	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	24	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	50	19.16	19.07	19.19	19.19	20	0			
20	16QAM	50	99	19.16	19.07	19.19	19.19	20	0			
20	16QAM	100	0	19.16	19.07	19.19	1					

LTE Band 4 Other PA Ant 5												
BW (MHz)	Modulation	RB Size	RB Offset	Low Ch. / High Ch.	200500	201700	203000	Time-slot (sub)	MPR (dB)			
Channel												
Frequency (MHz)												
20	QPSK	1	0	19.21	19.20	19.23						
20	QPSK	1	49	19.09	19.05	19.23	20	0				
20	QPSK	50	0	19.15	19.25	19.23						
20	QPSK	50	49	19.05	19.05	19.23	20	0				
20	QPSK	100	0	19.20	19.22	19.20						
20	QPSK	100	49	19.10	19.10	19.22	20	0				
20	HQAM	1	49	19.08	19.15	19.24						
20	HQAM	1	99	19.13	19.24	19.18						
20	HQAM	50	0	19.03	19.22	19.18						
20	HQAM	50	24	19.22	19.03	19.06	20	0				
20	HQAM	50	50	19.16	19.17	19.12						
20	HQAM	1	99	19.04	19.23	19.06						
20	HQAM	1	0	19.07	19.23	19.11						
20	HQAM	1	49	19.17	19.06	19.06						
20	HQAM	1	99	19.04	19.23	19.06						
20	HQAM	50	0	19.07	19.20	19.09						
20	HQAM	50	49	19.07	19.20	19.09						
20	HQAM	50	50	19.12	19.14	19.12						
20	HQAM	100	0	19.01	19.04	19.08						
20	HQAM	100	49	19.03	19.05	19.02						
20	256QAM	1	49	19.20	19.23	19.14						
20	256QAM	1	99	19.20	19.20	19.23						
20	256QAM	50	0	19.04	19.11	19.22						
20	256QAM	50	24	19.04	19.11	19.22						
20	256QAM	50	50	19.09	19.19	19.07						
20	256QAM	100	0	19.02	19.04	19.07						
20	256QAM	100	49	19.02	19.04	19.07						
Channel												
Frequency (MHz)												
15	QPSK	1	0	19.13	19.22	19.23						
15	QPSK	1	37	19.07	19.07	19.08						
15	QPSK	1	49	19.05	19.05	19.08	20	0				
15	QPSK	30	0	19.06	19.13	19.05						
15	QPSK	30	20	19.05	19.05	19.01						
15	QPSK	30	49	19.11	19.08	19.01	20	0				
15	QPSK	70	0	19.14	19.05	19.10						
15	HQAM	1	0	19.03	19.07	19.02						
15	HQAM	1	49	19.03	19.07	19.02						
15	HQAM	1	74	19.03	19.14	19.01						
15	HQAM	30	0	19.13	19.02	19.04						
15	HQAM	30	20	19.13	19.03	19.02						
15	HQAM	30	30	19.10	19.01	19.04						
15	HQAM	30	49	19.08	19.06	19.01						
15	HQAM	1	0	19.05	19.14	19.09						
15	HQAM	1	37	19.13	19.05	19.04						
15	HQAM	30	0	19.03	19.07	19.02						
15	HQAM	30	20	19.03	19.07	19.02						
15	HQAM	30	49	19.05	19.04	19.07						
15	HQAM	70	0	19.05	19.07	19.07						
15	256QAM	1	0	19.03	19.07	19.07						
15	256QAM	1	49	19.01	19.12	19.01	20	0				
15	256QAM	1	74	19.05	19.04	19.17						
15	256QAM	30	0	19.08	19.05	19.03						
15	256QAM	30	20	19.08	19.03	19.03	20	0				
15	256Q											

LTE Band 66 Other PA Ant 5										
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch	Mid Ch	High Ch	Time-up slot (ms)	MPR (dB)		
Channel										
Frequency (MHz)				130192	132322	132512			Intf	MPR
				1710.1	1722.1	1724.1			Intf	MPR
20	QPSK	1	0	19.29	19.32	19.24				
20	QPSK	1	49	19.12	19.16	19.20	20	0		
20	QPSK	1	99	19.12	19.22	19.27				
20	QPSK	50	0	19.21	19.30	19.25				
20	QPSK	50	49	19.22	19.14	19.14				
20	QPSK	50	99	19.27	19.12	19.12	20	0		
20	QPSK	100	0	19.25	19.28	19.11				
20	QPSK	100	49	19.27	19.22	19.22				
20	16QAM	1	49	19.24	19.09	19.09				
20	16QAM	1	99	19.18	19.14	19.18				
20	16QAM	50	0	19.24	19.20	19.24				
20	16QAM	50	24	19.22	19.14	19.09				
20	16QAM	50	99	19.19	19.24	19.24				
20	16QAM	100	0	19.20	19.20	19.20				
20	16QAM	100	49	19.07	19.02	19.15				
20	64QAM	1	0	19.15	19.16	19.16				
20	64QAM	1	99	19.12	19.11	19.11				
20	64QAM	50	0	19.12	19.29	19.15				
20	64QAM	50	49	19.12	19.12	19.12				
20	64QAM	50	99	19.15	19.09	19.09				
20	64QAM	100	0	19.09	19.21	19.30				
20	64QAM	100	49	19.14	19.19	19.19				
20	256QAM	1	99	19.17	19.15	19.21				
20	256QAM	50	0	19.30	19.19	19.07				
20	256QAM	50	24	19.14	19.12	19.25				
20	256QAM	50	99	19.24	19.19	19.07				
20	256QAM	100	0	19.27	19.27	19.27				
Channel										
Frequency (MHz)				130407	132322	132699			Intf	MPR
				1710.1	1723.2	1726.9			Intf	MPR
15	QPSK	1	0	19.17	19.17	19.17				
15	QPSK	1	37	19.05	18.97	19.19	20	0		
15	QPSK	1	75	19.05	19.05	19.05				
15	QPSK	36	0	19.13	19.12	19.14				
15	QPSK	36	20	19.18	18.97	18.95				
15	QPSK	36	50	19.12	19.12	19.12	20	0		
15	QPSK	75	0	19.11	19.08	18.95				
15	16QAM	1	0	19.09	19.10	19.14				
15	16QAM	1	37	19.09	19.09	19.09				
15	16QAM	1	74	19.09	18.94	19.03				
15	16QAM	36	0	19.05	19.10	19.17				
15	16QAM	36	20	19.10	19.07	19.08				
15	16QAM	36	50	19.14	19.09	19.17				
15	16QAM	75	0	19.03	19.03	19.03				
15	64QAM	1	0	19.04	19.08	19.06				
15	64QAM	1	37	18.97	19.06	19.09	20	0		
15	64QAM	1	74	19.03	18.95	19.05				
15	64QAM	36	0	19.03	19.21	19.05				
15	64QAM	36	20	19.02	18.99	19.05				
15	64QAM									

Sensor on Power

<WCDMA>

Band	WCDMA I AMI 0				Tune-up Limit (dBm)	WCDMA IV AMI 0				Tune-up Limit (dBm)
	TX Channel	9262	9400	9538		1312	1413	1513		
RX Channel		9662	9800	9938	1597	1698	1798			
Frequency (MHz)		1852.4	1880	1907.6	1712.4	1732.6	1762.8			
3GPP Rel 99	AMR 12.2Kbps	23.68	23.70	23.53	25.00	21.63	21.87	21.77	23.00	
3GPP Rel 99	RM 12.2Kbps	23.71	23.73	23.56	25.00	21.72	21.88	21.85	23.00	
3GPP Rel 6	HSUPA Subtest-1	22.70	22.84	22.57	24.00	20.63	20.71	20.90	22.00	
3GPP Rel 6	HSUPA Subtest-2	22.69	22.68	22.43	24.00	20.57	20.60	20.60	22.00	
3GPP Rel 6	HSUPA Subtest-3	22.13	22.14	22.16	23.50	20.23	20.25	20.02	21.50	
3GPP Rel 6	HSUPA Subtest-4	22.16	22.18	22.00	23.50	20.18	20.31	20.03	21.50	
3GPP Rel 6	HSUPA Subtest-5	22.82	22.68	22.45	24.00	20.72	20.93	20.46	22.00	
3GPP Rel 6	HSUPA Subtest-6	20.63	20.73	20.46	22.00	18.76	18.80	18.71	20.00	
3GPP Rel 6	HSUPA Subtest-7	21.74	21.62	21.44	23.00	19.83	19.75	19.40	21.00	
3GPP Rel 6	HSUPA Subtest-8	20.61	20.69	20.62	22.00	18.65	18.61	18.78	20.00	
3GPP Rel 6	HSUPA Subtest-9	22.77	22.14	22.44	24.00	20.63	20.71	20.98	22.00	

WCDMA

Band	WCDMA R Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			Tune-up Limit (dBm)
	Tx Channel	9602	9600		9638	1312	1413		1513	4132	4142	
Rx Channel	9602	9600	9638		1537	1638	1738	4357	4407	4458		
Frequency (MHz)	1822.4	1860	1907.6		1712.4	1752.6	1792.6	826.4	836.4	846.6		
SCPP Rel 99	AMA 12.2Kbps	23.17	23.21	23.11	24.00	23.09	23.15	23.01	24.00	23.71	23.91	23.85
SCPP Rel 99	RMC 12.2Kbps	23.21	23.25	23.16	24.00	23.14	23.20	23.06	24.00	23.81	23.98	23.88
SCPP Rel 6	HSDPA Subtest-1	22.19	22.29	22.27	23.00	22.13	22.15	22.21	23.00	22.87	23.04	22.76
SCPP Rel 6	HSDPA Subtest-2	22.25	22.35	22.34	23.00	22.28	22.30	22.11	23.00	22.90	22.85	22.92
SCPP Rel 6	HSDPA Subtest-3	21.79	21.83	21.65	22.50	21.81	21.84	21.73	22.50	22.26	22.44	22.36
SCPP Rel 6	HSDPA Subtest-4	21.68	21.77	21.77	22.50	21.70	21.86	21.59	22.50	22.40	22.41	22.37
SCPP Rel 6	HSUPA Subtest-1	22.20	22.20	22.21	23.00	22.11	22.17	22.11	23.00	22.89	22.98	22.80
SCPP Rel 6	HSUPA Subtest-2	20.31	20.23	20.15	21.00	20.32	20.18	20.10	21.00	20.84	21.07	20.88
SCPP Rel 6	HSUPA Subtest-3	21.30	21.21	21.11	22.00	21.27	21.37	21.14	22.00	21.70	21.89	21.81
SCPP Rel 6	HSUPA Subtest-4	20.15	20.14	20.27	21.00	20.11	20.19	20.14	21.00	20.84	21.06	20.88
SCPP Rel 6	HSUPA Subtest-5	22.11	22.35	22.13	23.00	22.15	22.27	22.25	23.00	22.81	22.96	22.89

LTE Band 30 Ant 1									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch./ MHz	Power Middle Ch./ MHz	Power High Ch./ MHz	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
2717.0									
10	QPSK	1	0	21.95	23.10	23.92	23	0	
10	QPSK	1	25	21.83	23.17	23.85			
10	QPSK	1	49	21.77	22.93	23.80			
10	QPSK	25	0	20.65	22.03	22.98	22	1	
10	QPSK	25	12	20.72	22.03	22.93			
10	QPSK	25	25	20.83	22.01	22.91			
10	QPSK	50	0	20.90	22.04	21.89	22	1	
10	16QAM	1	0	20.86	22.11	22.07			
10	16QAM	1	25	20.69	22.11	22.05			
10	16QAM	1	49	20.78	22.06	21.94	21	2	
10	16QAM	25	0	19.85	21.01	20.99			
10	16QAM	25	12	19.70	20.98	21.08			
10	16QAM	25	25	19.77	21.00	20.99	21	2	
10	16QAM	50	0	19.76	20.98	20.95			
10	16QAM	50	0	19.86	20.98	20.86			
10	64QAM	1	25	19.74	21.04	21.04	21	2	
10	64QAM	1	49	19.74	21.04	20.99			
10	64QAM	25	0	18.83	20.98	20.98			
10	64QAM	25	0	18.83	20.98	19.84	20	3	
10	64QAM	25	12	18.83	20.98	19.94			
10	64QAM	25	25	18.72	20.98	19.95			
10	64QAM	50	0	18.74	19.97	19.99	18	5	
10	256QAM	1	0	18.92	17.88	17.88			
10	256QAM	1	25	18.73	17.88	17.88			
10	256QAM	1	49	18.94	17.97	17.95	18	5	
10	256QAM	25	0	18.88	17.87	17.89			
10	256QAM	25	12	18.90	17.99	17.98			
10	256QAM	25	25	18.90	18.10	17.92	18	5	
10	256QAM	50	0	18.82	17.84	17.93			
10	256QAM	50	0	18.82	17.84	17.93			

LTE Band 66 Ant 1									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch./ MHz	Power Middle Ch./ MHz	Power High Ch./ MHz	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
13207.2									
20	QPSK	1	0	22.97	23.03	22.92	24	0	
20	QPSK	1	49	22.87	22.94	22.78			
20	QPSK	1	99	22.93	23.02	22.90			
20	QPSK	50	0	22.03	22.05	21.95	23	1	
20	QPSK	50	24	21.88	21.92	22.03			
20	QPSK	50	49	22.01	21.91	22.01			
20	QPSK	100	0	22.00	22.04	21.89	23	1	
20	16QAM	1	0	22.09	22.08	22.07			
20	16QAM	1	49	22.01	22.04	22.05			
20	16QAM	1	99	22.06	21.94	22.13	22	2	
20	16QAM	50	0	20.90	21.01	20.99			
20	16QAM	50	24	20.98	21.08	20.99			
20	16QAM	50	50	20.82	20.97	21.00	22	2	
20	16QAM	100	0	20.90	20.98	20.95			
20	16QAM	100	0	20.90	20.98	20.86			
20	64QAM	1	49	21.04	21.04	20.99	22	2	
20	64QAM	1	99	20.93	20.98	20.98			
20	64QAM	1	99	20.93	20.98	19.84			
20	64QAM	50	24	19.97	19.97	19.94	21	3	
20	64QAM	50	49	19.97	19.97	19.95			
20	64QAM	100	0	19.89	19.97	19.99			
20	256QAM	1	0	17.84	17.88	17.88	19	5	
20	256QAM	1	49	18.01	17.88	17.88			
20	256QAM	1	99	17.97	17.95	17.88			
20	256QAM	50	0	17.87	17.87	17.89	19	5	
20	256QAM	50	24	17.89	17.88	17.88			
20	256QAM	50	50	17.93	18.10	17.92			
20	256QAM	100	0	18.08	17.84	17.93	19	5	
20	256QAM	100	0	18.08	17.84	17.93			
20	256QAM	100	0	18.08	17.84	17.93			

LTE Band 71 Ant 1									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch./ MHz	Power Middle Ch./ MHz	Power High Ch./ MHz	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
13322.2									
20	QPSK	1	0	23.85	23.96	23.92	25	0	
20	QPSK	1	49	23.74	23.85	23.85			
20	QPSK	1	99	23.79	23.80	23.91			
20	QPSK	50	0	22.92	23.03	22.98	24	1	
20	QPSK	50	24	22.86	22.89	22.93			
20	QPSK	50	49	22.96	23.02	22.95			
20	QPSK	100	0	22.87	23.00	22.98	24	1	
20	16QAM	1	0	22.85	22.89	23.01			
20	16QAM	1	49	23.02	22.98	22.97			
20	16QAM	1	99	22.95	22.93	22.79	23	2	
20	16QAM	50	0	21.88	21.92	21.73			
20	16QAM	50	24	21.88	21.72	21.65			
20	16QAM	50	50	21.93	21.72	21.76	23	2	
20	16QAM	100	0	21.79	21.94	21.77			
20	16QAM	100	0	21.85	21.79	21.83			
20	64QAM	1	49	21.89	21.87	21.71	23	2	
20	64QAM	1	99	21.90	21.94	21.76			
20	64QAM	50	0	20.78	20.87	20.78			
20	64QAM	50	24	20.77	20.81	20.84	22	3	
20	64QAM	50	50	20.73	20.84	20.75			
20	64QAM	100	0	20.81	20.87	20.87			
20	256QAM	1	0	18.88	18.99	18.98	20	5	
20	256QAM	1	49	18.88	18.87	18.87			
20	256QAM	1	99	18.85	19.04	18.89			
20	256QAM	50	0	18.87	18.83	18.89	20	5	
20	256QAM	50	24	18.84	18.95	18.85			
20	256QAM	50	50	19.03	18.88	18.96			
20	256QAM	100	0	18.85	18.96	18.98	19	5	
20	256QAM	100	0	18.85	18.96	18.98			
20	256QAM	100	0	18.85	18.96	18.98			

FR1 n2 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 372000	Power Middle Ch. / Freq. 376000	Power High Ch. / Freq. 380000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	PI/2 BPSK	1	1	22.90	22.91	22.87	24.0	0.0
20	PI/2 BPSK	1	53	22.85	22.68	22.57	24.0	0.0
20	PI/2 BPSK	1	104	22.76	22.79	22.69	24.0	0.0
20	PI/2 BPSK	50	0	22.64	22.81	22.82	24.0	0.0
20	PI/2 BPSK	50	28	22.64	22.82	22.82	24.0	0.0
20	PI/2 BPSK	50	56	22.80	22.90	22.80	24.0	0.0
20	PI/2 BPSK	100	0	22.75	22.85	22.92	24.0	0.0
20	QPSK	1	1	22.97	23.04	23.02	24.0	0.0
20	QPSK	1	53	22.87	22.89	22.75	24.0	0.0
20	QPSK	1	104	22.85	22.88	22.82	24.0	0.0
20	QPSK	50	0	22.85	22.88	22.92	24.0	0.0
20	QPSK	50	28	22.86	22.92	22.90	24.0	0.0
20	QPSK	50	56	22.86	22.91	22.82	24.0	0.0
20	QPSK	100	0	22.76	22.85	22.92	24.0	0.0
20	16QAM	1	1	22.92	23.02	23.01	24.0	0.0
20	64QAM	1	1	21.55	21.72	21.70	22.5	1.5
20	256QAM	1	1	19.64	19.70	19.66	20.5	3.5
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.93	22.98	23.02	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.76	22.88	22.83	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.83	22.89	22.81	24.0	0.0

Full & Default Power								
FR1 n7 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 504000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 510000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI/2 BPSK	1	1	22.55	22.72	22.75	24.0	0.0
40	PI/2 BPSK	1	108	22.44	22.77	22.69	24.0	0.0
40	PI/2 BPSK	1	214	22.72	22.62	22.53	24.0	0.0
40	PI/2 BPSK	108	0	22.73	22.70	22.61	24.0	0.0
40	PI/2 BPSK	108	54	22.45	22.67	22.52	24.0	0.0
40	PI/2 BPSK	108	108	22.33	22.82	22.81	24.0	0.0
40	PI/2 BPSK	216	0	22.56	22.75	22.61	24.0	0.0
40	QPSK	1	1	22.73	22.84	22.81	24.0	0.0
40	QPSK	1	108	22.61	22.78	22.69	24.0	0.0
40	QPSK	1	214	22.72	22.76	22.58	24.0	0.0
40	QPSK	108	0	22.73	22.70	22.60	24.0	0.0
40	QPSK	108	54	22.55	22.83	22.52	24.0	0.0
40	QPSK	108	108	22.52	22.79	22.70	24.0	0.0
40	QPSK	216	0	22.56	22.81	22.67	24.0	0.0
40	16QAM	1	1	22.86	22.67	22.62	24.0	0.0
40	64QAM	1	1	21.32	21.31	21.31	22.5	1.5
40	256QAM	1	1	19.22	19.28	19.22	20.5	3.5
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.72	22.79	22.77	24.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	22.59	22.67	22.71	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.52	22.66	22.75	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.58	22.79	22.69	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.59	22.68	22.60	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.61	22.75	22.71	24.0	0.0

FR1 n25 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 374000	Power Middle Ch. / Freq. 376500	Power High Ch. / Freq. 379000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI/2 BPSK	1	1	22.96	22.97	22.74	24.0	0.0
40	PI/2 BPSK	1	108	22.87	22.80	22.65	24.0	0.0
40	PI/2 BPSK	1	214	22.75	22.82	22.79	24.0	0.0
40	PI/2 BPSK	108	0	22.82	22.87	22.76	24.0	0.0
40	PI/2 BPSK	108	54	22.80	22.80	22.79	24.0	0.0
40	PI/2 BPSK	108	108	22.74	22.69	22.80	24.0	0.0
40	PI/2 BPSK	216	0	22.67	22.98	22.65	24.0	0.0
40	QPSK	1	1	22.97	23.02	22.95	24.0	0.0
40	QPSK	1	108	22.95	22.86	22.81	24.0	0.0
40	QPSK	1	214	22.84	22.81	22.78	24.0	0.0
40	QPSK	108	0	22.80	22.94	22.80	24.0	0.0
40	QPSK	108	54	22.88	22.95	22.83	24.0	0.0
40	QPSK	108	108	22.93	22.81	22.84	24.0	0.0
40	QPSK	216	0	22.76	22.99	22.78	24.0	0.0
40	16QAM	1	1	22.95	22.78	22.77	24.0	0.0
40	64QAM	1	1	21.41	21.48	21.20	22.5	1.5
40	256QAM	1	1	19.54	19.42	19.27	20.5	3.5
Channel								
Frequency (MHz)								
35	QPSK	1	1	22.90	22.89	22.94	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.76	22.98	22.74	24.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	22.81	22.99	22.94	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.94	22.87	22.95	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.95	23.01	22.84	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.98	22.91	22.74	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.89	22.94	22.87	24.0	0.0

FR1 n30 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				2310				
Frequency (MHz)								
10	PI/2 BPSK	1	1	22.62			24.0	0.0
10	PI/2 BPSK	1	26	22.62				
10	PI/2 BPSK	1	50	22.56				
10	PI/2 BPSK	25	0	22.80			24.0	0.0
10	PI/2 BPSK	25	14	22.70			24.0	0.0
10	PI/2 BPSK	25	27	22.51			24.0	0.0
10	PI/2 BPSK	50	0	22.66			24.0	0.0
10	QPSK	1	1	22.63				
10	QPSK	1	26	22.65				
10	QPSK	1	50	22.76			24.0	0.0
10	QPSK	25	0	22.75			24.0	0.0
10	QPSK	25	14	22.81			24.0	0.0
10	QPSK	25	27	22.69			24.0	0.0
10	QPSK	50	0	22.72			24.0	0.0
10	16QAM	1	1	22.78			24.0	0.0
10	64QAM	1	1	21.52			22.5	1.5
10	256QAM	1	1	19.35			20.5	3.5
Channel				461500	462000	462500		
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dB)	MPR (dB)
5	QPSK	1	1	22.79	22.75	22.77	24.0	0.0

FR1 n66 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000				
Frequency (MHz)				1720				
40	PI/2 BPSK	1	1	23.13	22.97	23.01	24.0	0.0
40	PI/2 BPSK	1	108	22.77	22.79	22.80		
40	PI/2 BPSK	1	214	22.61	22.81	22.77		
40	PI/2 BPSK	108	0	23.06	22.84	22.82	24.0	0.0
40	PI/2 BPSK	108	54	22.69	22.84	22.82	24.0	0.0
40	PI/2 BPSK	108	108	22.53	22.75	22.52	24.0	0.0
40	PI/2 BPSK	216	0	22.58	22.75	22.50	24.0	0.0
40	QPSK	1	1	23.12	23.15	23.11		
40	QPSK	1	108	22.84	23.00	22.79		
40	QPSK	1	214	22.81	22.93	22.88	24.0	0.0
40	QPSK	108	0	23.11	23.13	22.97	24.0	0.0
40	QPSK	108	54	22.96	23.15	22.84	24.0	0.0
40	QPSK	108	108	22.74	22.88	22.66	24.0	0.0
40	QPSK	216	0	22.64	22.73	22.59	24.0	0.0
40	16QAM	1	1	22.91	23.11	22.97	24.0	0.0
40	64QAM	1	1	21.84	21.88	21.85	22.5	1.5
40	256QAM	1	1	19.87	20.06	20.05	20.5	3.5
Channel				345500	346000	346500		
Frequency (MHz)				1727.5	1745	1762.5	Tune-up limit (dB)	MPR (dB)
35	QPSK	1	1	23.14	23.01	22.96	24.0	0.0
Channel				345000	346000	346000		
Frequency (MHz)				1725	1745	1765	Tune-up limit (dB)	MPR (dB)
30	QPSK	1	1	23.02	23.04	22.92	24.0	0.0
Channel				344500	346000	346500		
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dB)	MPR (dB)
25	QPSK	1	1	23.02	23.01	22.89	24.0	0.0
Channel				344000	346000	346000		
Frequency (MHz)				1720	1745	1760	Tune-up limit (dB)	MPR (dB)
20	QPSK	1	1	23.13	23.10	23.07	24.0	0.0
Channel				343500	346000	346500		
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dB)	MPR (dB)
15	QPSK	1	1	22.63	22.59	23.03	24.0	0.0
Channel				343000	346000	346500		
Frequency (MHz)				1715	1745	1775	Tune-up limit (dB)	MPR (dB)
10	QPSK	1	1	23.04	23.04	23.00	24.0	0.0
Channel				342500	346000	346500		
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dB)	MPR (dB)
5	QPSK	1	1	23.07	22.97	23.09	24.0	0.0

FR1 n12 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq. 141300	Middle Ch. / Freq. 141500	High Ch. / Freq. 141700			
Channel Frequency (MHz)				705.5	707.5	709.5			
15	PI/2 BPSK	1	1	23.08	23.15	23.12	24.0	0.0	
15	PI/2 BPSK	1	40	22.79	23.02	23.05			
15	PI/2 BPSK	1	77	23.25	23.20	23.33			
15	PI/2 BPSK	36	0	23.12	22.93	23.03	24.0	0.0	
15	PI/2 BPSK	36	22	22.85	22.90	23.00	24.0	0.0	
15	PI/2 BPSK	36	43	22.93	22.97	23.10	24.0	0.0	
15	PI/2 BPSK	75	0	23.30	23.25	22.98	24.0	0.0	
15	QPSK	1	1	23.31	23.39	23.24	24.0	0.0	
15	QPSK	1	40	23.07	23.20	23.13			
15	QPSK	1	77	23.09	23.13	22.96			
15	QPSK	36	0	23.03	23.18	23.18	24.0	0.0	
15	QPSK	36	22	22.91	23.19	23.10	24.0	0.0	
15	QPSK	36	43	22.97	23.07	23.09	24.0	0.0	
15	QPSK	75	0	23.25	23.27	22.97	24.0	0.0	
15	16QAM	1	1	23.30	23.29	23.10	24.0	0.0	
15	64QAM	1	1	22.01	21.87	21.82	22.5	1.5	
15	256QAM	1	1	19.81	20.00	19.82	20.5	3.5	
Channel				140800	141500	142200	limit	MPR	
Frequency (MHz)				704	707.5	711	limit	(dB)	
10	QPSK	1	1	23.13	23.31	23.08	24.0	0.0	
Channel				140300	141500	142700	limit	MPR	
Frequency (MHz)				701.5	707.5	713.5	limit	(dB)	
5	QPSK	1	1	23.12	23.28	23.23	24.0	0.0	

FR1 n13 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				752	156400				
10	PI/2 BPSK	1	1		23.00		24.0	0.0	
10	PI/2 BPSK	1	26		23.07				
10	PI/2 BPSK	1	50		22.98				
10	PI/2 BPSK	25	0		22.97		24.0	0.0	
10	PI/2 BPSK	25	14		22.87		24.0	0.0	
10	PI/2 BPSK	25	27		22.82		24.0	0.0	
10	PI/2 BPSK	50	0		22.98		24.0	0.0	
10	QPSK	1	1		23.12		24.0	0.0	
10	QPSK	1	26		23.11				
10	QPSK	1	50		23.09				
10	QPSK	25	0		23.00		24.0	0.0	
10	QPSK	25	14		23.05		24.0	0.0	
10	QPSK	25	27		23.03		24.0	0.0	
10	QPSK	50	0		23.10		24.0	0.0	
10	16QAM	1	1		23.11		24.0	0.0	
10	64QAM	1	1		21.85		22.5	1.5	
10	256QAM	1	1		19.82		20.5	3.5	
Channel				156900	156400	156900	Tune-up limit	MPR	
Frequency (MHz)				779.5	782	784.5	limit	(dB)	
5	QPSK	1	1	23.07	22.91	22.92	24.0	0.0	

FR1 n14 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power		Power		Tune-up limit (dbm)	MPR (db)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				793		158600			
Frequency (Mhz)									
10	PI/2 BPSK	1	1		23.13		24.0	0.0	
10	PI/2 BPSK	1	26		23.09				
10	PI/2 BPSK	1	50		23.02				
10	PI/2 BPSK	25	0		23.18		24.0	0.0	
10	PI/2 BPSK	25	14		23.18		24.0	0.0	
10	PI/2 BPSK	25	27		23.15		24.0	0.0	
10	PI/2 BPSK	50	0		23.08		24.0	0.0	
10	QPSK	1	1		23.31		24.0	0.0	
10	QPSK	1	26		23.30				
10	QPSK	1	50		23.22				
10	QPSK	25	0		23.21		24.0	0.0	
10	QPSK	25	14		23.27		24.0	0.0	
10	QPSK	25	27		23.24		24.0	0.0	
10	QPSK	50	0		23.30		24.0	0.0	
10	16QAM	1	1		23.29		24.0	0.0	
10	64QAM	1	1		21.88		22.5	1.5	
10	256QAM	1	1		19.76		20.5	3.5	
Channel				158100	158600	159100	Tune-up	MPR	
Frequency (MHz)				790.5	793	795.5	limit	(db)	
5	QPSK	1	1	23.30	23.14	23.23	24.0	0.0	

FR1 n25 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 374000	Power Middle Ch. / Freq. 376500	Power High Ch. / Freq. 379000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI/2 BPSK	1	1	22.16	22.32	22.22			
40	PI/2 BPSK	1	108	22.16	22.29	22.27	24.0	0.0	
40	PI/2 BPSK	1	214	22.11	22.06	22.27			
40	PI/2 BPSK	108	0	22.08	22.14	22.09	24.0	0.0	
40	PI/2 BPSK	108	54	22.13	22.06	22.27	24.0	0.0	
40	PI/2 BPSK	108	108	22.22	22.20	22.19	24.0	0.0	
40	PI/2 BPSK	216	0	22.24	22.38	22.21			
40	QPSK	1	1	22.38	22.49	22.44			
40	QPSK	1	108	22.21	22.34	22.35	24.0	0.0	
40	QPSK	1	214	22.12	22.32	22.26			
40	QPSK	108	0	22.18	22.27	22.09	24.0	0.0	
40	QPSK	108	54	22.09	22.29	22.18	24.0	0.0	
40	QPSK	108	108	22.05	22.26	22.25	24.0	0.0	
40	QPSK	216	0	22.25	22.39	22.29	24.0	0.0	
40	16QAM	1	1	22.21	22.39	22.27	24.0	0.0	
40	64QAM	1	1	20.94	21.03	21.00	22.5	1.5	
40	256QAM	1	1	18.99	19.08	18.87	20.5	3.5	
Channel									
Frequency (MHz)									
35	QPSK	1	1	22.19	22.45	22.23	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.18	22.42	22.42	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.19	22.40	22.28	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.28	22.43	22.33	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.34	22.42	22.36	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.26	22.36	22.27	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.38	22.49	22.28	24.0	0.0	

FR1 n26 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164800	Power Middle Ch. / Freq. 166300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI/2 BPSK	1	1	23.11	22.93	22.94			
20	PI/2 BPSK	1	53	23.09	23.17	23.24	24.0	0.0	
20	PI/2 BPSK	1	104	23.23	23.10	23.10			
20	PI/2 BPSK	50	0	23.13	23.09	23.14	24.0	0.0	
20	PI/2 BPSK	50	28	23.19	23.14	23.29	24.0	0.0	
20	PI/2 BPSK	50	56	23.21	23.16	23.15	24.0	0.0	
20	PI/2 BPSK	100	0	23.14	23.22	23.26			
20	QPSK	1	1	23.22	23.34	23.23			
20	QPSK	1	53	22.96	23.14	23.12	24.0	0.0	
20	QPSK	1	104	23.06	23.24	23.25			
20	QPSK	50	0	23.08	23.23	23.01	24.0	0.0	
20	QPSK	50	28	23.23	23.31	23.11	24.0	0.0	
20	QPSK	50	56	23.11	23.29	23.19			
20	QPSK	100	0	23.16	23.30	23.15	24.0	0.0	
20	16QAM	1	1	23.32	23.32	23.18	24.0	0.0	
20	64QAM	1	1	21.84	21.92	21.91	22.5	1.5	
20	256QAM	1	1	19.86	19.91	19.70	20.5	3.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.15	23.16	23.24	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.12	23.25	23.17	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	23.17	23.22	23.13	24.0	0.0	

FR1 n30 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	PI/2 BPSK	1	1		22.21				
10	PI/2 BPSK	1	26		22.15		23.0	0.0	
10	PI/2 BPSK	1	50		22.07				
10	PI/2 BPSK	25	0		21.92		23.0	0.0	
10	PI/2 BPSK	25	14		21.81		23.0	0.0	
10	PI/2 BPSK	25	27		21.96		23.0	0.0	
10	PI/2 BPSK	50	0		22.01				
10	QPSK	1	1		22.25				
10	QPSK	1	26		22.22		23.0	0.0	
10	QPSK	1	50		22.23				
10	QPSK	25	0		22.03		23.0	0.0	
10	QPSK	25	14		22.10		23.0	0.0	
10	QPSK	25	27		22.09		23.0	0.0	
10	QPSK	50	0		22.01		23.0	0.0	
10	16QAM	1	1		22.12		23.0	0.0	
10	64QAM	1	1		20.84		21.5	1.5	
10	256QAM	1	1		18.65		19.5	3.5	
Channel									
Frequency (MHz)									
5	QPSK	1	1	23.07.5	23.10	23.12.5	22.09	23.0	0.0

FR1 n66 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1720	1745	1760			
Frequency (MHz)				1720	1745	1760			
40	PI/2 BPSK	1	1	22.03	22.08	22.03			
40	PI/2 BPSK	1	108	22.01	22.09	22.07	24.0	0.0	
40	PI/2 BPSK	1	214	22.32	22.39	22.36			
40	PI/2 BPSK	108	0	22.20	22.23	22.18	24.0	0.0	
40	PI/2 BPSK	108	54	22.09	22.11	22.12	24.0	0.0	
40	PI/2 BPSK	108	108	22.11	22.32	22.33	24.0	0.0	
40	PI/2 BPSK	216	0	22.37	22.24	22.29			
40	QPSK	1	1	22.44	22.45	22.24			
40	QPSK	1	108	22.20	22.19	22.05	24.0	0.0	
40	QPSK	1	214	22.02	22.15	22.03			
40	QPSK	108	0	22.27	22.24	22.37	24.0	0.0	
40	QPSK	108	54	22.25	22.35	22.25	24.0	0.0	
40	QPSK	108	108	22.12	22.22	22.13	24.0	0.0	
40	QPSK	216	0	22.26	22.32	22.28			
40	16QAM	1	1	22.35	22.44	22.41	24.0	0.0	
40	64QAM	1	1	21.06	21.11	21.02	22.5	1.5	
40	256QAM	1	1	19.08	19.23	19.18	20.5	3.5	
Channel				345500	349000	352500	Tune-up	MPR	
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)	
35	QPSK	1	1	22.23	22.40	22.05	24.0	0.0	
Channel				345000	349000	353000	Tune-up	MPR	
Frequency (MHz)				1725	1745	1765	limit	(dB)	
30	QPSK	1	1	22.44	22.25	22.07	24.0	0.0	
Channel				344500	349000	353500	Tune-up	MPR	
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)	
25	QPSK	1	1	22.30	22.37	22.15	24.0	0.0	
Channel				344000	349000	354000	Tune-up	MPR	
Frequency (MHz)				1720	1745	1770	limit	(dB)	
20	QPSK	1	1	22.30	22.26	22.07	24.0	0.0	
Channel				343500	349000	354500	Tune-up	MPR	
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)	
15	QPSK	1	1	22.30	22.26	22.21	24.0	0.0	
Channel				343000	349000	355000	Tune-up	MPR	
Frequency (MHz)				1715	1745	1775	limit	(dB)	
10	QPSK	1	1	22.43	22.25	22.21	24.0	0.0	
Channel				342500	349000	355500	Tune-up	MPR	
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)	
5	QPSK	1	1	22.22	22.43	22.16	24.0	0.0	

FR1 n71 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	PI/2 BPSK	1	1	22.88	22.92	23.03			
20	PI/2 BPSK	1	53	22.49	22.75	22.84	24.0	0.0	
20	PI/2 BPSK	1	104	22.97	22.94	23.12			
20	PI/2 BPSK	50	0	22.82	22.77	22.81	24.0	0.0	
20	PI/2 BPSK	50	28	22.54	22.81	22.74	24.0	0.0	
20	PI/2 BPSK	50	56	22.82	22.74	22.89	24.0	0.0	
20	PI/2 BPSK	100	0	23.04	22.96	22.82			
20	QPSK	1	1	23.17	23.22	23.18			
20	QPSK	1	53	23.07	23.01	23.10	24.0	0.0	
20	QPSK	1	104	23.10	22.82	22.81			
20	QPSK	50	0	23.04	23.05	23.10	24.0	0.0	
20	QPSK	50	28	22.81	23.12	22.81	24.0	0.0	
20	QPSK	50	56	22.78	23.07	23.00	24.0	0.0	
20	QPSK	100	0	23.14	23.15	22.97			
20	16QAM	1	1	23.17	23.21	22.99	24.0	0.0	
20	64QAM	1	1	22.02	21.82	21.71	22.5	1.5	
20	256QAM	1	1	19.63	20.08	19.68	20.5	3.5	
Channel				134100	135100	136100	Tune-up	MPR	
Frequency (MHz)				670.5	680.5	690.5	limit	(dB)	
15	QPSK	1	1	23.00	23.08	23.03	24.0	0.0	
Channel				133500	135100	136600	Tune-up	MPR	
Frequency (MHz)				665	680.5	693	limit	(dB)	
10	QPSK	1	1	22.99	22.94	23.09	24.0	0.0	
Channel				133100	136100	139100	Tune-up	MPR	
Frequency (MHz)				660.5	680.5	695.5	limit	(dB)	
5	QPSK	1	1	22.92	23.04	23.06	24.0	0.0	

FR1 n30 Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				462000			24.0	0.0
Frequency (MHz)				2310				
10	PI/2 BPSK	1	1	23.01				
10	PI/2 BPSK	1	26	22.79				
10	PI/2 BPSK	1	50	22.84				
10	PI/2 BPSK	25	0	22.87				
10	PI/2 BPSK	25	14	22.86				
10	PI/2 BPSK	25	27	22.70				
10	PI/2 BPSK	50	0	22.77				
10	QPSK	1	1	23.08				
10	QPSK	1	26	22.94				
10	QPSK	1	50	23.05				
10	QPSK	25	0	22.87				
10	QPSK	25	14	22.87				
10	QPSK	25	27	22.87				
10	QPSK	50	0	22.92				
10	16QAM	1	1	23.05				
10	64QAM	1	1	21.79				
10	256QAM	1	1	19.55				
Channel				461500	462000	462500	Tune-up limit	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	22.88	23.00	23.07	24.0	0.0

FR1 n2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1850	1880	1900			
Frequency (MHz)				1850	1880	1900			
20	PI/2 BPSK	1	1	22.91	22.89	22.97			
20	PI/2 BPSK	1	53	22.82	23.08	22.91	24.0	0.0	
20	PI/2 BPSK	1	104	22.58	22.82	22.88			
20	PI/2 BPSK	50	0	22.69	22.81	22.88	24.0	0.0	
20	PI/2 BPSK	50	28	22.82	23.03	23.08	24.0	0.0	
20	PI/2 BPSK	50	56	22.88	23.03	22.89			
20	PI/2 BPSK	100	0	22.79	22.95	22.91	24.0	0.0	
20	QPSK	1	1	23.08	23.10	23.00			
20	QPSK	1	53	22.93	23.08	23.00	24.0	0.0	
20	QPSK	1	104	22.80	22.89	22.87			
20	QPSK	50	0	22.85	23.00	22.83	24.0	0.0	
20	QPSK	50	28	22.98	23.09	23.08	24.0	0.0	
20	QPSK	50	56	22.87	23.07	23.03			
20	QPSK	100	0	22.88	23.06	22.95	24.0	0.0	
20	16QAM	1	1	22.84	23.02	23.01	24.0	0.0	
20	64QAM	1	1	21.74	21.86	21.76	22.5	1.5	
20	256QAM	1	1	19.64	19.80	19.58	20.5	3.5	
Channel				314500	316200	318050	Tune-up	MPR	
Frequency (MHz)				1857.5	1880	1902.5	limit		
15	QPSK	1	1	22.98	23.00	22.91	24.0	0.0	
Channel				317000	319000	321000	Tune-up	MPR	
Frequency (MHz)				1855	1880	1905	limit		
10	QPSK	1	1	22.95	23.05	22.89	24.0	0.0	
Channel				370500	376000	381500	Tune-up	MPR	
Frequency (MHz)				1852.5	1880	1907.5	limit		
5	QPSK	1	1	23.00	23.07	22.94	24.0	0.0	

FR1 n25 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1870	1892.5	1895			
Frequency (MHz)				1870	1892.5	1895			
40	PI/2 BPSK	1	1	23.18	23.20	23.29			
40	PI/2 BPSK	1	108	23.27	23.26	23.11	24.0	0.0	
40	PI/2 BPSK	1	214	23.10	23.24	23.16			
40	PI/2 BPSK	108	0	23.19	23.16	23.20	24.0	0.0	
40	PI/2 BPSK	108	54	23.05	23.03	23.07	24.0	0.0	
40	PI/2 BPSK	108	108	23.21	23.17	23.10			
40	PI/2 BPSK	216	0	23.26	23.21	23.12	24.0	0.0	
40	QPSK	1	1	23.30	23.33	23.31			
40	QPSK	1	108	23.27	23.27	23.27	24.0	0.0	
40	QPSK	1	214	23.25	23.25	23.25			
40	QPSK	108	0	23.22	23.22	23.22	24.0	0.0	
40	QPSK	108	54	23.21	23.28	23.21	24.0	0.0	
40	QPSK	108	108	23.21	23.27	23.18	24.0	0.0	
40	QPSK	216	0	23.21	23.26	23.23			
40	16QAM	1	1	23.15	23.24	23.18	24.0	0.0	
40	64QAM	1	1	21.97	21.95	21.88	22.5	1.5	
40	256QAM	1	1	19.95	20.08	19.98	20.5	3.5	
Channel				3163500	316500	316550	Tune-up	MPR	
Frequency (MHz)				1887.5	1892.5	1897.5	limit		
35	QPSK	1	1	23.09	23.28	23.19	24.0	0.0	
Channel				3173000	318500	320000	Tune-up	MPR	
Frequency (MHz)				1885	1892.5	1900	limit		
30	QPSK	1	1	23.27	23.19	23.31	24.0	0.0	
Channel				372500	376500	380500	Tune-up	MPR	
Frequency (MHz)				1892.5	1892.5	1902.5	limit		
25	QPSK	1	1	23.19	23.27	23.17	24.0	0.0	
Channel				372000	376500	381000	Tune-up	MPR	
Frequency (MHz)				1890	1892.5	1905	limit		
20	QPSK	1	1	23.18	23.23	23.09	24.0	0.0	
Channel				371600	376500	381500	Tune-up	MPR	
Frequency (MHz)				1887.5	1892.5	1907.5	limit		
15	QPSK	1	1	23.25	23.13	23.10	24.0	0.0	
Channel				371000	376500	382000	Tune-up	MPR	
Frequency (MHz)				1885	1882.5	1910	limit		
10	QPSK	1	1	23.29	23.30	23.26	24.0	0.0	
Channel				370250	376500	382500	Tune-up	MPR	
Frequency (MHz)				1882.5	1892.5	1912.5	limit		
5	QPSK	1	1	23.08	23.24	23.28	24.0	0.0	

FR1 n66 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1730	1745	1760			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	23.03	23.16	22.99			
40	PI/2 BPSK	1	108	23.16	22.95	22.94	24.0	0.0	
40	PI/2 BPSK	1	214	22.79	23.12	22.79			
40	PI/2 BPSK	108	0	22.92	23.17	22.83	24.0	0.0	
40	PI/2 BPSK	108	54	22.97	23.02	22.93	24.0	0.0	
40	PI/2 BPSK	108	108	22.75	23.06	22.73			
40	PI/2 BPSK	216	0	23.12	23.05	22.97	24.0	0.0	
40	QPSK	1	1	23.21	23.22	23.15			
40	QPSK	1	108	23.14	23.12	23.11	24.0	0.0	
40	QPSK	1	214	22.91	23.10	22.91			
40	QPSK	108	0	22.95	23.15	22.87	24.0	0.0	
40	QPSK	108	54	23.01	23.17	22.97	24.0	0.0	
40	QPSK	108	108	22.80	23.10	22.82			
40	QPSK	216	0	23.02	23.18	23.17	24.0	0.0	
40	16QAM	1	1	23.07	23.20	23.02	24.0	0.0	
40	64QAM	1	1	21.82	21.95	21.84	22.5	1.5	
40	256QAM	1	1	20.13	20.12	20.03	20.5	3.5	
Channel				343500	349000	355000	Tune-up	MPR	
Frequency (MHz)				1727.5	1745	1762.5	limit		
35	QPSK	1	1	23.06	23.02	23.17	24.0	0.0	
Channel				343000	349000	353000	Tune-up	MPR	
Frequency (MHz)				1725	1745	1765	limit		
30	QPSK	1	1	23.13	23.02	23.08	24.0	0.0	
Channel				344500	349000	353500	Tune-up	MPR	
Frequency (MHz)				1722.5	1745	1767.5	limit		
25	QPSK	1	1	23.15	23.03	23.05	24.0	0.0	
Channel				344000	349000	354000	Tune-up	MPR	
Frequency (MHz)				1720	1745	1770	limit		
20	QPSK	1	1	23.10	23.02	23.11	24.0	0.0	
Channel				343500	349000	354500	Tune-up	MPR	
Frequency (MHz)				1717.5	1745	1772.5	limit		
15	QPSK	1	1	23.05	23.05	22.95	24.0	0.0	
Channel				343000	349000	355000	Tune-up	MPR	
Frequency (MHz)				1715	1745	1775	limit		
10	QPSK	1	1	23.18	23.03	23.06	24.0	0.0	
Channel				342500	349000	355500	Tune-up	MPR	
Frequency (MHz)				1712.5	1745	1777.5	limit		
5	QPSK	1	1	23.16	23.17	23.14	24.0	0.0	

FR1 n38 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518000	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 520000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2590	2595	2600			
40	PI/2 BPSK	1	1	22.91	22.94	22.85			
40	PI/2 BPSK	1	53	22.70	22.83	22.75	24.0	0.0	
40	PI/2 BPSK	1	104	22.70	22.84	22.82			
40	PI/2 BPSK	50	0	22.21	22.42	22.21	23.5	0.5	
40	PI/2 BPSK	50	28	22.68	22.89	22.51	24.0	0.0	
40	PI/2 BPSK	50	56	22.23	22.32	22.36	23.5	0.5	
40	PI/2 BPSK	100	0	22.39	22.41	22.31			
40	QPSK	1	1	22.86	22.95	22.91			
40	QPSK	1	53	22.83	22.88	22.74	24.0	0.0	
40	QPSK	1	104	22.86	22.78	22.89			
40	QPSK	50	0	21.67	21.87	21.66	23.0	1.0	
40	QPSK	50	28	22.71	22.85	22.79	24.0	0.0	
40	QPSK	50	56	21.58	21.90	21.66	23.0	1.0	
40	QPSK	100	0	21.75	21.82	21.60	23.0	1.0	
40	16QAM	1	1	22.19	22.02	22.06	23.0	1.0	
40	64QAM	1	1	20.81	20.77	20.62	21.5	2.5	
40	256QAM	1	1	18.45	18.54	18.44	19.5	4.5	
Channel				517000	519000	521000	Tune-up	MPR	
Frequency (MHz)				2585	2595	2605	limit	(dB)	
30	QPSK	1	1	22.83	22.83	22.76	24.0	0.0	
Channel				516000	519000	520000	Tune-up	MPR	
Frequency (MHz)				2580	2595	2610	limit	(dB)	
20	QPSK	1	1	22.64	22.93	22.70	24.0	0.0	
Channel				515500	519000	525500	Tune-up	MPR	
Frequency (MHz)				2577.5	2595	2612.5	limit	(dB)	
15	QPSK	1	1	22.75	22.86	22.73	24.0	0.0	
Channel				515000	519000	523000	Tune-up	MPR	
Frequency (MHz)				2575	2595	2615	limit	(dB)	
10	QPSK	1	1	22.82	22.80	22.83	24.0	0.0	

FR1 n41 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 509202	Power Middle Ch. / Freq. 518598	Power High Ch. / Freq. 528000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2544.91	2592.99	2640			
100	PI/2 BPSK	1	1	22.26	22.40	22.35			
100	PI/2 BPSK	1	137	22.46	22.38	22.42	24.0	0.0	
100	PI/2 BPSK	1	271	22.44	22.45	22.37			
100	PI/2 BPSK	135	0	22.32	22.46	22.30	24.0	0.0	
100	PI/2 BPSK	135	69	22.17	22.01	22.16	24.0	0.0	
100	PI/2 BPSK	135	138	22.14	22.25	22.06	24.0	0.0	
100	PI/2 BPSK	270	0	22.20	22.51	22.15			
100	QPSK	1	1	22.20	22.53	22.38			
100	QPSK	1	137	22.05	22.25	22.41	24.0	0.0	
100	QPSK	1	271	22.28	22.39	22.26			
100	QPSK	135	0	22.25	22.21	22.15	24.0	0.0	
100	QPSK	135	69	22.19	22.23	22.17	24.0	0.0	
100	QPSK	135	138	22.23	22.27	22.22	24.0	0.0	
100	QPSK	270	0	22.25	22.44	22.22			
100	16QAM	1	1	22.36	22.35	22.18	24.0	0.0	
100	64QAM	1	1	22.22	22.42	22.32	24.0	0.0	
100	256QAM	1	1	20.81	20.92	20.74	22.5	1.5	
Channel				508200	518598	528000	Tune-up	MPR	
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)	
90	QPSK	1	1	22.18	22.38	22.21	24.0	0.0	
Channel				507204	518598	527995	Tune-up	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	limit	(dB)	
80	QPSK	1	1	22.11	22.39	22.34	24.0	0.0	
Channel				506202	518598	531000	Tune-up	MPR	
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)	
70	QPSK	1	1	22.01	22.46	22.26	24.0	0.0	
Channel				505200	518598	531996	Tune-up	MPR	
Frequency (MHz)				2526	2592.99	2659.96	limit	(dB)	
60	QPSK	1	1	22.19	22.39	22.30	24.0	0.0	
Channel				504204	518598	532998	Tune-up	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)	
50	QPSK	1	1	22.08	22.38	22.17	24.0	0.0	
Channel				503202	518598	534000	Tune-up	MPR	
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)	
40	QPSK	1	1	22.02	22.47	22.27	24.0	0.0	
Channel				502200	518598	534995	Tune-up	MPR	
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)	
30	QPSK	1	1	22.05	22.47	22.30	24.0	0.0	
Channel				501204	518598	535996	Tune-up	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	limit	(dB)	
20	QPSK	1	1	22.09	22.36	22.15	24.0	0.0	
Channel				500700	518598	535995	Tune-up	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)	
15	QPSK	1	1	22.05	22.44	22.36	24.0	0.0	
Channel				500202	518598	537000	Tune-up	MPR	
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)	
10	QPSK	1	1	22.21	22.47	22.16	24.0	0.0	

FR1 n41_HPUE Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 509202	Power Mid Ch. / Freq. 518598	Power High Ch. / Freq. 528000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.91	2592.99	2640			
100	PI/2 BPSK	1	1	25.21	25.16	25.14			
100	PI/2 BPSK	1	137	25.34	25.34	25.31	27.0	0.0	
100	PI/2 BPSK	1	271	25.13	25.17	25.13			
100	PI/2 BPSK	135	0	24.72	24.77	24.64	26.5	0.5	
100	PI/2 BPSK	135	69	25.70	25.70	25.56	27.0	0.0	
100	PI/2 BPSK	135	138	24.70	24.86	24.82	26.5	0.5	
100	PI/2 BPSK	270	0	24.62	24.61	24.70			
100	QPSK	1	1	25.46	25.72	25.55			
100	QPSK	1	137	25.15	25.21	25.02	27.0	0.0	
100	QPSK	1	271	25.43	25.65	25.45			
100	QPSK	135	0	24.40	24.40	24.39	26.0	1.0	
100	QPSK	135	69	25.15	25.42	25.26	27.0	0.0	
100	QPSK	135	138	24.55	24.63	24.65	26.0	1.0	
100	QPSK	270	0	24.30	24.31	24.14			
100	16QAM	1	1	24.41	24.50	24.45	26.0	1.0	
100	64QAM	1	1	22.95	23.14	23.03	24.5	2.5	
100	256QAM	1	1	20.99	21.06	21.06	22.5	4.5	
Channel				530203	518598	528000	Tune-up	MPR	
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)	
90	QPSK	1	1	25.38	25.54	25.57	27.0	0.0	
Channel				507204	518598	529995	Tune-up	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	limit	(dB)	
80	QPSK	1	1	25.28	25.65	25.53	27.0	0.0	
Channel				506202	518598	531000	Tune-up	MPR	
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)	
70	QPSK	1	1	25.33	25.68	25.47	27.0	0.0	
Channel				505200	518598	531996	Tune-up	MPR	
Frequency (MHz)				2526	2592.99	2659.96	limit	(dB)	
60	QPSK	1	1	25.25	25.60	25.44	27.0	0.0	
Channel				504204	518598	532998	Tune-up	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)	
50	QPSK	1	1	25.24	25.57	25.41	27.0	0.0	
Channel				503202	518598	534000	Tune-up	MPR	
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)	
40	QPSK	1	1	25.36	25.65	25.49	27.0	0.0	
Channel				502203	518598	534996	Tune-up	MPR	
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)	
30	QPSK	1	1	25.27	25.50	25.44	27.0	0.0	
Channel				501204	518598	535998	Tune-up	MPR	
Frequency (MHz)				2506	2592.99	2679.99	limit	(dB)	
20	QPSK	1	1	25.33	25.53	25.39	27.0	0.0	
Channel				500200	518598	536996	Tune-up	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)	
15	QPSK	1	1	25.43	25.54	25.44	27.0	0.0	
Channel				500202	518598	537000	Tune-up	MPR	
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)	
10	QPSK	1	1	25.32	25.63	25.48	27.0	0.0	

FR1 n38 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2500	2505	2600			
Frequency (MHz)									
40	PI/2 BPSK	1	1	21.65	21.80	21.75			
40	PI/2 BPSK	1	53	21.94	21.94	21.89	23.0	0.0	
40	PI/2 BPSK	1	104	22.03	22.09	21.90			
40	PI/2 BPSK	50	0	21.21	21.36	21.34	22.5	0.5	
40	PI/2 BPSK	50	28	21.62	21.79	21.81	23.0	0.0	
40	PI/2 BPSK	50	56	21.49	21.58	21.54	22.5	0.5	
40	PI/2 BPSK	100	0	21.37	21.51	21.32			
40	QPSK	1	1	22.11	22.16	22.12			
40	QPSK	1	53	21.94	22.10	21.98	23.0	0.0	
40	QPSK	1	104	21.66	21.89	21.84			
40	QPSK	50	0	20.94	20.93	20.81	22.0	1.0	
40	QPSK	50	28	21.73	21.80	21.74	23.0	0.0	
40	QPSK	50	56	21.02	21.14	21.01	22.0	1.0	
40	QPSK	100	0	20.77	20.89	20.79			
40	16QAM	1	1	20.82	20.87	20.70	22.0	1.0	
40	64QAM	1	1	19.22	19.23	19.12	20.5	2.5	
40	256QAM	1	1	17.33	17.37	17.32	18.5	4.5	
Channel				511000	511000	521000	Tune-up	MPR	
Frequency (MHz)				2585	2595	2605	limit	(dB)	
30	QPSK	1	1	22.01	22.09	21.91	23.0	0.0	
Channel				516000	516000	522000	Tune-up	MPR	
Frequency (MHz)				2590	2595	2610	limit	(dB)	
20	QPSK	1	1	22.11	22.12	22.02	23.0	0.0	
Channel				515500	516000	525500	Tune-up	MPR	
Frequency (MHz)				2571.5	2595	2612.5	limit	(dB)	
15	QPSK	1	1	22.08	22.13	22.13	23.0	0.0	
Channel				515000	516000	523000	Tune-up	MPR	
Frequency (MHz)				2575	2595	2615	limit	(dB)	
10	QPSK	1	1	22.06	22.10	22.10	23.0	0.0	

FR1 n41 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				250202	518598	528000			
Frequency (MHz)				2544.01	2592.99	2640			
100	PI/2 BPSK	1	1	21.37	21.48	21.49			
100	PI/2 BPSK	1	137	21.34	21.38	21.29	23.0	0.0	
100	PI/2 BPSK	1	271	21.33	21.45	21.26			
100	PI/2 BPSK	135	0	21.28	21.37	21.16	23.0	0.0	
100	PI/2 BPSK	135	69	21.17	21.33	21.15	23.0	0.0	
100	PI/2 BPSK	135	138	21.19	21.34	21.31	23.0	0.0	
100	PI/2 BPSK	270	0	21.26	21.33	21.15			
100	QPSK	1	1	21.45	21.56	21.52			
100	QPSK	1	137	21.34	21.42	21.34	23.0	0.0	
100	QPSK	1	271	21.24	21.44	21.44			
100	QPSK	135	0	21.15	21.31	21.24	23.0	0.0	
100	QPSK	135	69	21.42	21.45	21.45	23.0	0.0	
100	QPSK	135	138	21.38	21.37	21.16	23.0	0.0	
100	QPSK	270	0	21.13	21.29	21.08			
100	16QAM	1	1	21.21	21.38	21.24	23.0	0.0	
100	64QAM	1	1	21.44	21.51	21.50	23.0	0.0	
100	256QAM	1	1	19.96	19.94	19.90	21.5	1.5	
Channel				538200	518598	528996	Tune-up	MPR	
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)	
90	QPSK	1	1	21.34	21.39	21.31	23.0	0.0	
Channel				507204	518598	529996	Tune-up	MPR	
Frequency (MHz)				2636.02	2592.99	2649.99	limit	(dB)	
80	QPSK	1	1	21.23	21.47	21.44	23.0	0.0	
Channel				506202	518598	531000	Tune-up	MPR	
Frequency (MHz)				2631.01	2592.99	2655	limit	(dB)	
70	QPSK	1	1	21.31	21.50	21.39	23.0	0.0	
Channel				505200	518598	531996	Tune-up	MPR	
Frequency (MHz)				2598	2592.99	2659.98	limit	(dB)	
60	QPSK	1	1	21.28	21.35	21.34	23.0	0.0	
Channel				504204	518598	532998	Tune-up	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)	
50	QPSK	1	1	21.12	21.43	21.33	23.0	0.0	
Channel				503202	518598	534000	Tune-up	MPR	
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)	
40	QPSK	1	1	21.24	21.48	21.43	23.0	0.0	
Channel				502200	518598	534996	Tune-up	MPR	
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)	
30	QPSK	1	1	21.38	21.44	21.32	23.0	0.0	
Channel				2508.02	2592.99	2679.99	limit	(dB)	
20	QPSK	1	1	21.35	21.48	21.31	23.0	0.0	
Channel				500700	518598	535996	Tune-up	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)	
15	QPSK	1	1	21.24	21.43	21.37	23.0	0.0	
Channel				500202	518598	537000	Tune-up	MPR	
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)	
10	QPSK	1	1	21.28	21.38	21.35	23.0	0.0	

FR1 n41_HPUE Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2546.01	2592.99	2640			
Frequency (MHz)									
100	PI/2 BPSK	1	1	24.45	24.59	24.21			
100	PI/2 BPSK	1	137	24.37	24.61	24.34	26.0	0.0	
100	PI/2 BPSK	1	271	24.48	24.63	24.14			
100	PI/2 BPSK	135	0	24.12	24.31	23.84	25.5	0.5	
100	PI/2 BPSK	135	69	24.50	24.58	24.27	26.0	0.0	
100	PI/2 BPSK	135	138	24.00	24.23	23.78	25.5	0.5	
100	PI/2 BPSK	270	0	23.95	24.21	23.73			
100	QPSK	1	1	24.53	24.71	24.33			
100	QPSK	1	137	24.32	24.59	24.35	26.0	0.0	
100	QPSK	1	271	24.32	24.53	24.20			
100	QPSK	135	0	23.48	23.63	23.32	25.0	1.0	
100	QPSK	135	69	24.43	24.61	24.34	26.0	0.0	
100	QPSK	135	138	23.58	23.72	23.31	25.0	1.0	
100	QPSK	270	0	23.54	23.71	23.36			
100	16QAM	1	1	23.61	23.66	23.40	25.0	1.0	
100	64QAM	1	1	22.04	22.24	21.72	23.5	2.5	
100	256QAM	1	1	19.96	20.22	19.94	21.5	4.5	
Channel				538200	518598	528996	Tune-up	MPR	
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)	
90	QPSK	1	1	24.51	24.62	24.29	26.0	0.0	
Channel				507204	518598	529996	Tune-up	MPR	
Frequency (MHz)				2636.02	2592.99	2649.99	limit	(dB)	
80	QPSK	1	1	24.44	24.66	24.25	26.0	0.0	
Channel				506202	518598	531000	Tune-up	MPR	
Frequency (MHz)				2631.01	2592.99	2655	limit	(dB)	
70	QPSK	1	1	24.38	24.61	24.28	26.0	0.0	
Channel				505200	518598	531996	Tune-up	MPR	
Frequency (MHz)				2598	2592.99	2659.98	limit	(dB)	
60	QPSK	1	1	24.38	24.59	24.12	26.0	0.0	
Channel				504204	518598	532998	Tune-up	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)	
50	QPSK	1	1	24.45	24.49	24.33	26.0	0.0	
Channel				503202	518598	534000	Tune-up	MPR	
Frequency (MHz)				2518.01	2592.99	2670	limit	(dB)	
40	QPSK	1	1	24.43	24.61	24.15	26.0	0.0	
Channel				502200	518598	534996	Tune-up	MPR	
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)	
30	QPSK	1	1	24.49	24.59	24.18	26.0	0.0	
Channel				501200	518598	535996	Tune-up	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	limit	(dB)	
20	QPSK	1	1	24.08	24.66	24.14	26.0	0.0	
Channel				500200	518598	536996	Tune-up	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)	
15	QPSK	1	1	24.33	24.70	24.22	26.0	0.0	
Channel				500202	518598	537000	Tune-up	MPR	
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)	
10	QPSK	1	1	24.37	24.58	24.18	26.0	0.0	

FR1 n38 Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518000	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 520000	Tune-up limit [dBm]	MPR (dB)	
Channel									
Frequency (MHz)									
40	PV2 BPSK	1	1	22.85	22.97	22.83	24.0	0.0	
40	PV2 BPSK	1	53	22.79	23.00	22.91			
40	PV2 BPSK	1	104	22.97	23.06	22.91			
40	PV2 BPSK	50	0	22.30	22.44	22.42			
40	PV2 BPSK	50	26	22.91	22.96	22.82	24.0	0.0	
40	PV2 BPSK	50	96	22.46	22.50	22.46	23.5	0.5	
40	PV2 BPSK	100	0	22.34	22.41	22.29	23.5	0.5	
40	QPSK	1	1	23.06	23.09	23.01	24.0	0.0	
40	QPSK	1	53	23.06	23.06	23.06			
40	QPSK	1	104	22.89	22.99	22.86			
40	QPSK	50	0	21.82	21.98	21.75			
40	QPSK	50	26	22.78	23.00	22.93	24.0	0.0	
40	QPSK	50	96	21.89	21.87	21.84	23.0	1.0	
40	QPSK	100	0	21.87	21.84	21.87	23.0	1.0	
40	16QAM	1	1	22.04	22.16	22.17	23.0	1.0	
40	16QAM	1	1	20.63	20.72	20.73			
40	256QAM	1	1	18.62	18.62	18.54	19.5	4.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.59	22.95	22.91	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.96	22.89	22.88	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.55	22.65	22.61	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.04	22.99	22.80	24.0	0.0	
Channel									
Frequency (MHz)									

FR1 n41 Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 509202	Power Middle Ch. / Freq. 518098	Power High Ch. / Freq. 528000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	22.01	22.50	22.56	24.0	0.0	0.0
100	PV2 BPSK	1	137	22.54	22.63	22.52			
100	PV2 BPSK	1	271	22.49	22.60	22.72			
100	PV2 BPSK	135	0	22.49	22.41	22.40	24.0	0.0	0.0
100	PV2 BPSK	135	69	22.44	22.55	22.45			
100	PV2 BPSK	135	138	22.51	22.60	22.58			
100	PV2 BPSK	270	0	22.60	22.59	22.49	24.0	0.0	0.0
100	QPSK	1	1	22.78	22.80	22.83			
100	QPSK	1	137	22.52	22.80	22.78			
100	QPSK	1	271	22.74	22.68	22.79	24.0	0.0	0.0
100	QPSK	135	0	22.48	22.48	22.37			
100	QPSK	135	69	22.72	22.85	22.81			
100	QPSK	135	138	22.59	22.59	22.87	24.0	0.0	0.0
100	QPSK	270	0	22.63	22.81	22.85			
100	16QAM	1	1	22.78	22.86	22.82			
100	16QAM	1	1	22.75	22.70	22.75	24.0	0.0	0.0
100	256QAM	1	1	21.17	21.36	21.28			
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.58	22.77	22.67	Tune-up	MPR	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.70	22.87	22.85	Tune-up	MPR	
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.68	22.70	22.74	Tune-up	MPR	
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.60	22.82	22.70	Tune-up	MPR	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.07	22.70	22.63	Tune-up	MPR	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.69	22.81	22.65	Tune-up	MPR	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.65	22.72	22.64	Tune-up	MPR	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.69	22.79	22.68	Tune-up	MPR	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.57	22.70	22.68	Tune-up	MPR	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.64	22.77	22.73	Tune-up	MPR	

FR1 n41 HPUE Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq. 505002	Power Middle Ch. 1 Freq. 518598	Power High Ch. 1 Freq. 528000	Tune-up lim (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	23.81	23.99	23.82			
100	PV2 BPSK	1	137	23.97	23.93	24.05	25.0	0.0	0.0
100	PV2 BPSK	1	271	23.94	23.98	23.94			
100	PV2 BPSK	136	0	23.97	23.81	23.81	25.0	0.0	0.0
100	PV2 BPSK	136	69	24.06	23.83	24.02	25.0	0.0	0.0
100	PV2 BPSK	136	136	23.81	23.94	23.99			
100	PV2 BPSK	270	0	23.94	24.01	23.81	25.0	0.0	0.0
100	QPSK	1	1	23.90	24.07	24.03			
100	QPSK	1	137	23.95	23.94	23.93	25.0		
100	QPSK	1	271	23.84	24.04	23.83			
100	QPSK	136	0	23.91	23.83	23.98	25.0	0.0	0.0
100	QPSK	136	69	23.94	24.05	24.01	25.0	0.0	0.0
100	QPSK	136	136	23.84	24.04	23.82	25.0	0.0	0.0
100	QPSK	270	0	23.85	23.96	23.91			
100	16QAM	1	1	23.94	23.97	23.94	25.0	0.0	0.0
100	64QAM	1	1	23.95	23.95	23.94	24.0	1.0	1.0
100	256QAM	1	1	23.95	23.95	23.93	22.0	3.0	3.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.95	23.88	23.98	25.0	0.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.90	23.97	23.86	25.0	0.0	0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	23.81	24.01	23.98	25.0	0.0	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.90	23.99	23.99	25.0	0.0	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.82	23.99	23.91	25.0	0.0	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.84	23.98	23.91	25.0	0.0	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.84	23.98	23.91	25.0	0.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.90	24.00	23.97	25.0	0.0	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.84	23.88	23.85	25.0	0.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.84	23.99	23.94	25.0	0.0	0.0

FR1 n48 Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq. 638000	Power Middle Ch. 1 Freq. 641666	Power High Ch. 1 Freq. 645332	Tune-up lim (dbm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PV2 BPSK	1	1	22.77	22.87	22.85			
40	PV2 BPSK	1	53	22.65	22.72	22.84	24.0	0.0	
40	PV2 BPSK	1	104	22.77	22.66	22.75			
40	PV2 BPSK	50	0	22.54	22.63	22.59	24.0	0.0	
40	PV2 BPSK	50	26	22.56	22.57	22.57	24.0	0.0	
40	PV2 BPSK	50	56	22.70	22.69	22.48	24.0	0.0	
40	PV2 BPSK	100	0	22.75	22.85	22.84			
40	QPSK	1	1	22.83	22.78	22.79			
40	QPSK	1	53	22.74	22.80	22.82	24.0	0.0	
40	QPSK	1	104	22.65	22.85	22.68			
40	QPSK	50	0	22.70	22.65	22.65			
40	QPSK	50	26	22.73	22.75	22.63	24.0	0.0	
40	QPSK	50	56	22.57	22.65	22.63			
40	QPSK	100	0	22.51	22.70	22.66	24.0	0.0	
40	16QAM	1	1	22.76	22.85	22.87	24.0	0.0	
40	64QAM	1	1	21.98	21.97	21.93	23.5	1.5	
40	256QAM	1	1	19.42	19.54	19.53	20.5	3.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.65	22.77	22.76	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.82	22.82	22.80	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.77	22.77	22.82	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.84	22.80	22.80	24.0	0.0	

FR1 n77 Part 270 Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low 650000 Ch./Freq.	Power Middle 656000 Ch./Freq.	Power High 660000 Ch./Freq.	Tune-up (min./dB)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	22.57	22.65	22.59			
100	PV2 BPSK	1	137	22.69	22.78	22.71	24.0	0.0	
100	PV2 BPSK	1	271	22.85	22.95	22.92			
100	PV2 BPSK	135	0	22.65	22.70	22.62	24.0	0.0	
100	PV2 BPSK	135	69	22.67	22.73	22.67	24.0	0.0	
100	PV2 BPSK	135	135	22.49	22.56	22.51	24.0	0.0	
100	PV2 BPSK	270	0	22.57	22.64	22.59			
100	QPSK	1	1	22.74	22.77	22.74			
100	QPSK	1	137	22.47	22.52	22.45	24.0	0.0	
100	QPSK	1	271	22.63	22.67	22.66			
100	QPSK	135	0	22.32	22.40	22.32	24.0	0.0	
100	QPSK	135	69	22.35	22.41	22.38	24.0	0.0	
100	QPSK	135	135	22.30	22.35	22.29	24.0	0.0	
100	QPSK	270	0	22.36	22.41	22.37			
100	16QAM	1	1	22.54	22.61	22.56	24.0	0.0	
100	16QAM	1	1	22.58	22.65	22.59	24.0	0.0	
100	256QAM	1	1	20.54	20.59	20.52	22.5	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.41	22.48	22.38	24.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.43	22.45	22.40	24.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.42	22.45	22.40	24.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.41	22.44	22.37	24.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.42	22.45	22.37	24.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.41	22.45	22.38	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.43	22.48	22.40	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.40	22.46	22.39	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.41	22.48	22.40	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.42	22.45	22.41	24.0	0.0	

FR1 n77 HPUE Part 270 Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 656000	Power High Ch. / Freq. 660000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	25.32	25.27	25.26			
100	PV2 BPSK	1	137	25.06	25.01	24.98	26.0	0.0	
100	PV2 BPSK	1	271	24.94	24.89	24.89			
100	PV2 BPSK	135	0	24.69	24.61	24.64	25.5	0.5	
100	PV2 BPSK	135	69	25.02	24.97	24.98	26.0	0.0	
100	PV2 BPSK	135	135	24.33	24.25	24.27	25.5	0.5	
100	PV2 BPSK	270	0	24.58	24.51	24.53			
100	QPSK	1	1	25.28	25.22	25.02			
100	QPSK	1	137	25.27	25.41	25.22	26.0	0.0	
100	QPSK	1	271	25.33	25.26	25.29			
100	QPSK	135	0	24.16	24.10	24.08	25.0	1.0	
100	QPSK	135	69	25.15	25.21	25.00	26.0	0.0	
100	QPSK	135	135	23.87	23.81	23.79	25.0	1.0	
100	QPSK	270	0	24.09	24.14	24.02			
100	16QAM	1	1	24.36	24.29	24.31	26.0	1.0	
100	16QAM	1	1	22.69	22.62	22.64	20.5	2.5	
100	256QAM	1	1	21.04	20.99	21.00	21.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	25.18	25.12	25.15	26.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	25.19	25.15	25.15	26.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	25.20	25.12	25.16	26.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	25.20	25.12	25.17	26.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	25.19	25.13	25.15	26.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	25.19	25.13	25.16	26.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	25.22	25.13	25.15	26.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	25.20	25.13	25.17	26.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	25.20	25.14	25.15	26.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	25.19	25.12	25.16	26.0	0.0	

FR1 n77 Part 27Q Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PB2 BPSK	1	1	22.77			24.0	0.0
100	PB2 BPSK	1	137	22.80				
100	PB2 BPSK	1	271	22.77				
100	PB2 BPSK	135	0	22.74			24.0	0.0
100	PB2 BPSK	135	69	22.76			24.0	0.0
100	PB2 BPSK	135	138	22.77			24.0	0.0
100	PB2 BPSK	270	0	22.78			24.0	0.0
100	QPSK	1	1	22.80			24.0	0.0
100	QPSK	1	137	22.81				
100	QPSK	1	271	22.83				
100	QPSK	135	0	22.72			24.0	0.0
100	QPSK	135	69	22.83			24.0	0.0
100	QPSK	135	138	22.89			24.0	0.0
100	QPSK	270	0	22.78			24.0	0.0
100	HQAM	1	1	22.86			24.0	0.0
100	8QAM	1	1	22.87			24.0	0.0
100	28QAM	1	1	20.97	22.5	1.5		
Channel								
Frequency (MHz)								
90	QPSK	1	1	22.71	22.73	22.73	24.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.73	22.76	22.76	24.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	22.74	22.75	22.74	24.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.74	22.73	22.72	24.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	22.76	22.72	22.73	24.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.75	22.74	22.75	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.69	22.73	22.77	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.79	22.72	22.78	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.74	22.70	22.76	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.73	22.79	22.72	24.0	0.0

FR1 n77 HPUE Part 27Q Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PB2 BPSK	1	1	25.36			26.0	0.0
100	PB2 BPSK	1	137	25.27				
100	PB2 BPSK	1	271	25.34				
100	PB2 BPSK	135	0	24.22			25.5	0.6
100	PB2 BPSK	135	69	25.20			26.0	0.0
100	PB2 BPSK	135	138	24.09			25.5	0.5
100	PB2 BPSK	270	0	24.22			26.0	0.0
100	QPSK	1	1	25.47				
100	QPSK	1	137	25.38				
100	QPSK	1	271	25.44			25.0	1.0
100	QPSK	135	0	25.23			26.0	0.0
100	QPSK	135	69	25.27			25.0	1.0
100	QPSK	135	138	24.13			26.0	0.0
100	QPSK	270	0	25.27			25.0	1.0
100	HQAM	1	1	24.48			26.0	1.0
100	8QAM	1	1	22.98			22.5	2.5
100	28QAM	1	1	20.98			21.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	25.42	25.38	25.37	26.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	25.39	25.35	25.43	26.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	25.34	25.34	25.41	26.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	25.39	25.40	25.34	26.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	25.37	25.44	25.43	26.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	25.39	25.35	25.43	26.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	25.40	25.37	25.37	26.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	25.38	25.42	25.34	26.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	25.38	25.37	25.38	26.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	25.40	25.40	25.37	26.0	0.0

FR1 n78 Part 270 Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	22.37	22.42		24.0	0.0	
100	PV2 BPSK	1	137	22.42	22.47				
100	PV2 BPSK	1	271	22.17	22.22				
100	PV2 BPSK	135	0	22.28	22.33		24.0	0.0	
100	PV2 BPSK	135	69	22.32	22.37		24.0	0.0	
100	PV2 BPSK	135	138	22.14	22.19		24.0	0.0	
100	PV2 BPSK	270	0	22.28	22.33		24.0	0.0	
100	QPSK	1	1	22.37	22.42				
100	QPSK	1	137	22.48	22.53		24.0	0.0	
100	QPSK	1	271	22.22	22.27				
100	QPSK	135	0	22.33	22.38		24.0	0.0	
100	QPSK	135	69	22.31	22.36		24.0	0.0	
100	QPSK	135	138	22.18	22.23		24.0	0.0	
100	QPSK	270	0	22.28	22.33		24.0	0.0	
100	16QAM	1	1	22.47	22.52		24.0	0.0	
100	64QAM	1	1	22.43	22.48		24.0	0.0	
100	256QAM	1	1	21.02	22.5	22.5	1.5		
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.35	22.37	22.39	24.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.39	22.39	22.36	24.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.42	22.42	22.35	24.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.39	22.39	22.33	24.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.41	22.41	22.37	24.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.34	22.34	22.30	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.34	22.40	22.35	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.38	22.39	22.41	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.38	22.37	22.36	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.35	22.40	22.39	24.0	0.0	

FR1 n78_HPUE Part 270 Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	25.32	25.32		26.0	0.0	
100	PV2 BPSK	1	137	25.32	25.36				
100	PV2 BPSK	1	271	25.13	25.13				
100	PV2 BPSK	135	0	24.86	24.86		25.5	0.5	
100	PV2 BPSK	135	69	25.36	25.36		26.0	0.0	
100	PV2 BPSK	135	138	24.65	24.65		25.5	0.5	
100	PV2 BPSK	270	0	24.78	24.78				
100	QPSK	1	1	25.42	25.42		26.0	0.0	
100	QPSK	1	137	25.45	25.45				
100	QPSK	1	271	25.28	25.28				
100	QPSK	135	0	24.23	24.23		25.0	1.0	
100	QPSK	135	69	25.33	25.33		26.0	0.0	
100	QPSK	135	138	24.11	24.11		25.0	1.0	
100	QPSK	270	0	24.25	24.25		26.0	1.0	
100	16QAM	1	1	24.58	24.58		26.0	1.0	
100	64QAM	1	1	23.05	23.05		22.5	2.5	
100	256QAM	1	1	21.07	21.07		21.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	25.27	25.32	25.31	26.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	25.34	25.26	25.30	26.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	25.33	25.27	25.29	26.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	25.29	25.24	25.32	26.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	25.33	25.27	25.30	26.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	25.24	25.34	25.31	26.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	25.32	25.27	25.29	26.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	25.33	25.28	25.26	26.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	25.33	25.28	25.27	26.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	25.25	25.32	25.33	26.0	0.0	

FR1 n78 Part 27Q Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel							
Frequency (MHz)							
100	PV2 BPSK	1	1	22.71			24.0
100	PV2 BPSK	1	137	22.69			24.0
100	PV2 BPSK	1	271	22.60			24.0
100	PV2 BPSK	135	0	22.63			24.0
100	PV2 BPSK	135	69	22.66			24.0
100	PV2 BPSK	135	138	22.69			24.0
100	PV2 BPSK	270	0	22.74			24.0
100	QPSK	1	1	22.64			24.0
100	QPSK	1	137	22.62			24.0
100	QPSK	1	271	22.71			24.0
100	QPSK	135	0	22.74			24.0
100	QPSK	135	69	22.77			24.0
100	QPSK	135	138	22.81			24.0
100	QPSK	270	0	22.78			24.0
100	HQAM	1	1	22.81			24.0
100	HQAM	1	1	22.82			24.0
100	256QAM	1	1	20.86	22.5	1.5	
Channel							
Frequency (MHz)							
90	QPSK	1	1	22.72	22.73	22.67	24.0
Channel							
Frequency (MHz)							
80	QPSK	1	1	22.68	22.68	22.67	24.0
Channel							
Frequency (MHz)							
70	QPSK	1	1	22.61	22.59	22.54	24.0
Channel							
Frequency (MHz)							
60	QPSK	1	1	22.61	22.59	22.54	24.0
Channel							
Frequency (MHz)							
50	QPSK	1	1	22.65	22.61	22.60	24.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	22.67	22.64	22.60	24.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	22.67	22.64	22.60	24.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	22.67	22.61	22.62	24.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.63	22.58	22.63	24.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.62	22.58	22.62	24.0

FR1 n78_HPUE Part 27Q Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel							
Frequency (MHz)							
100	PV2 BPSK	1	1	25.35			26.0
100	PV2 BPSK	1	137	25.32			26.0
100	PV2 BPSK	1	271	25.27			26.0
100	PV2 BPSK	135	0	24.64			25.5
100	PV2 BPSK	135	69	25.16			26.0
100	PV2 BPSK	135	138	24.56			25.5
100	PV2 BPSK	270	0	24.73			26.0
100	QPSK	1	1	25.41			26.0
100	QPSK	1	137	25.45			26.0
100	QPSK	1	271	25.35			26.0
100	QPSK	135	0	25.31			26.0
100	QPSK	135	69	25.31			26.0
100	QPSK	135	138	24.16			25.0
100	QPSK	270	0	24.27			26.0
100	HQAM	1	1	24.58			26.0
100	HQAM	1	1	23.03			22.5
100	256QAM	1	1	20.94			21.5
Channel							
Frequency (MHz)							
90	QPSK	1	1	25.27	25.28	25.32	26.0
Channel							
Frequency (MHz)							
80	QPSK	1	1	25.31	25.25	25.25	26.0
Channel							
Frequency (MHz)							
70	QPSK	1	1	25.33	25.29	25.25	26.0
Channel							
Frequency (MHz)							
60	QPSK	1	1	25.29	25.27	25.25	26.0
Channel							
Frequency (MHz)							
50	QPSK	1	1	25.32	25.31	25.33	26.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	25.32	25.27	25.25	26.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	25.32	25.24	25.26	26.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	25.30	25.26	25.28	26.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	25.24	25.24	25.32	26.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	25.25	25.31	25.27	26.0

FR1 n38 Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518000	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 520000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI/2 BPSK	1	1	21.05	21.02	21.56			
40	PI/2 BPSK	1	53	21.47	21.72	21.51	23.0	0.0	
40	PI/2 BPSK	1	104	21.40	21.08	21.49			
40	PI/2 BPSK	50	0	21.02	21.29	21.04	22.5	0.5	
40	PI/2 BPSK	50	26	21.45	21.73	21.48	23.0	0.0	
40	PI/2 BPSK	50	96	20.85	21.12	20.86	22.5	0.5	
40	PI/2 BPSK	100	0	21.04	21.26	21.01			
40	QPSK	1	1	21.89	21.83	21.82			
40	QPSK	1	53	21.49	21.79	21.53	23.0	0.0	
40	QPSK	1	104	21.63	21.85	21.60			
40	QPSK	50	0	20.54	20.80	20.52	22.0	1.0	
40	QPSK	50	26	21.43	21.71	21.42	23.0	0.0	
40	QPSK	50	96	20.43	20.63	20.42	22.0	1.0	
40	QPSK	100	0	20.41	20.68	20.44			
40	16QAM	1	1	20.73	20.96	20.74	22.0	1.0	
40	16QAM	1	1	19.28	19.35	19.25	20.5	2.5	
40	256QAM	1	1	17.11	17.39	17.15	18.5	4.5	
Channel									
517000				519000	521000		Tune-up	MPR	
Frequency (MHz)									
30	QPSK	1	1	21.76	21.80	21.79	23.0	0.0	
Channel									
516000				519000	522000		Tune-up	MPR	
Frequency (MHz)									
20	QPSK	1	1	21.79	21.81	21.74	23.0	0.0	
Channel									
515000				519000	522000		Tune-up	MPR	
Frequency (MHz)									
15	QPSK	1	1	21.72	21.73	21.74	23.0	0.0	
Channel									
515000				516000	515000		Tune-up	MPR	
Frequency (MHz)									
10	QPSK	1	1	21.75	21.86	21.71	23.0	0.0	

FR1 n41 Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 509202	Power Middle Ch. / Freq. 518098	Power High Ch. / Freq. 528000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI/2 BPSK	1	1	21.37	21.61	21.38			
100	PI/2 BPSK	1	137	21.44	21.69	21.43	23.0	0.0	
100	PI/2 BPSK	1	271	21.37	21.58	21.31			
100	PI/2 BPSK	135	0	21.32	21.53	21.28	23.0	0.0	
100	PI/2 BPSK	135	69	21.29	21.57	21.36	23.0	0.0	
100	PI/2 BPSK	135	138	21.35	21.55	21.27	23.0	0.0	
100	PI/2 BPSK	270	0	21.38	21.60	21.33			
100	QPSK	1	1	21.38	21.73	21.62			
100	QPSK	1	137	21.52	21.72	21.52	23.0	0.0	
100	QPSK	1	271	21.51	21.74	21.46			
100	QPSK	135	0	21.26	21.54	21.29	23.0	0.0	
100	QPSK	135	69	21.54	21.59	21.58	23.0	0.0	
100	QPSK	135	138	21.26	21.54	21.34	23.0	0.0	
100	QPSK	270	0	21.37	21.56	21.33			
100	16QAM	1	1	21.39	21.67	21.39	23.0	0.0	
100	16QAM	1	1	21.54	21.74	21.51	20.0	0.0	
100	256QAM	1	1	19.94	20.17	19.90	21.5	1.5	
Channel									
508200				518098	528998		Tune-up	MPR	
Frequency (MHz)									
90	QPSK	1	1	21.52	21.65	21.54	23.0	0.0	
Channel									
507204				518098	528998		Tune-up	MPR	
Frequency (MHz)									
80	QPSK	1	1	21.40	21.69	21.49	23.0	0.0	
Channel									
505002				518098	530000		Tune-up	MPR	
Frequency (MHz)									
70	QPSK	1	1	21.43	21.69	21.51	23.0	0.0	
Channel									
502000				518098	531000		Tune-up	MPR	
Frequency (MHz)									
60	QPSK	1	1	21.41	21.63	21.59	23.0	0.0	
Channel									
504204				518098	530998		Tune-up	MPR	
Frequency (MHz)									
50	QPSK	1	1	21.51	21.62	21.42	23.0	0.0	
Channel									
503202				518098	538000		Tune-up	MPR	
Frequency (MHz)									
40	QPSK	1	1	21.42	21.67	21.49	23.0	0.0	
Channel									
502000				518098	534998		Tune-up	MPR	
Frequency (MHz)									
30	QPSK	1	1	21.39	21.60	21.54	23.0	0.0	
Channel									
501204				518098	535998		Tune-up	MPR	
Frequency (MHz)									
20	QPSK	1	1	21.52	21.66	21.56	23.0	0.0	
Channel									
500000				518098	544998		Tune-up	MPR	
Frequency (MHz)									
15	QPSK	1	1	21.41	21.58	21.49	23.0	0.0	
Channel									
500002				518098	530000		Tune-up	MPR	
Frequency (MHz)									
10	QPSK	1	1	21.44	21.55	21.56	23.0	0.0	

FR1 n41_HPUE Ant 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq. 505002	Power Middle Ch. 1 Freq. 518598	Power High Ch. 1 Freq. 528000	Tune-up lim1 (dBm)
Channel							
Frequency (MHz)							
100	PV2 BPSK	1	1	24.30	24.51	24.23	26.0
100	PV2 BPSK	1	137	24.13	24.39	24.14	26.0
100	PV2 BPSK	1	221	24.27	24.45	24.26	26.0
100	PV2 BPSK	136	0	23.88	24.09	23.83	25.5
100	PV2 BPSK	136	69	24.05	24.37	24.08	26.0
100	PV2 BPSK	136	136	23.89	24.11	23.88	25.5
100	PV2 BPSK	270	0	23.80	24.08	23.84	25.5
100	QPSK	1	1	24.37	24.59	24.46	26.0
100	QPSK	1	137	24.25	24.53	24.27	26.0
100	QPSK	1	271	24.08	24.08	24.12	26.0
100	QPSK	136	0	23.15	23.21	23.01	25.0
100	QPSK	136	69	24.25	24.47	24.18	26.0
100	QPSK	136	136	23.17	23.41	23.20	25.0
100	QPSK	270	0	22.95	23.38	22.92	25.0
100	16QAM	1	1	23.05	23.30	23.05	25.0
100	16QAM	1	1	21.66	21.86	21.62	23.5
100	256QAM	1	1	19.53	19.81	19.56	21.5
Channel							
Frequency (MHz)							
90	QPSK	1	1	24.25	24.50	24.35	26.0
Channel							
Frequency (MHz)							
80	QPSK	1	1	24.25	24.50	24.35	26.0
Channel							
Frequency (MHz)							
70	QPSK	1	1	24.25	24.48	24.30	26.0
Channel							
Frequency (MHz)							
60	QPSK	1	1	24.25	24.50	24.35	26.0
Channel							
Frequency (MHz)							
50	QPSK	1	1	24.25	24.50	24.35	26.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	24.25	24.50	24.35	26.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	24.25	24.48	24.31	26.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	24.30	24.36	24.30	26.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	24.31	24.40	24.33	26.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	24.30	24.36	24.41	26.0

FR1 n48 Ant 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq. 638000	Power Middle Ch. 1 Freq. 641666	Power High Ch. 1 Freq. 645332	Tune-up lim1 (dBm)
Channel							
Frequency (MHz)							
40	PV2 BPSK	1	1	21.56	21.76	21.49	23.0
40	PV2 BPSK	1	53	21.40	21.62	21.40	23.0
40	PV2 BPSK	1	104	21.30	21.56	21.32	23.0
40	PV2 BPSK	50	0	20.94	21.16	20.87	22.5
40	PV2 BPSK	50	26	21.45	21.66	21.40	23.0
40	PV2 BPSK	50	56	20.99	21.23	21.01	22.5
40	PV2 BPSK	100	0	20.90	21.19	20.98	23.0
40	QPSK	1	1	21.81	21.97	21.79	23.0
40	QPSK	1	53	21.55	21.76	21.50	23.0
40	QPSK	1	104	21.52	21.75	21.53	23.0
40	QPSK	50	0	21.40	21.62	21.34	22.0
40	QPSK	50	26	21.34	21.76	21.34	22.0
40	QPSK	50	56	21.38	21.63	21.46	22.0
40	QPSK	100	0	21.32	21.75	21.36	22.0
40	16QAM	1	1	21.56	21.85	21.66	22.0
40	16QAM	1	1	20.14	20.35	20.09	20.5
40	256QAM	1	1	18.19	18.43	18.22	18.5
Channel							
Frequency (MHz)							
30	QPSK	1	1	21.62	21.81	21.67	23.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	21.76	21.81	21.57	23.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	21.68	21.68	21.62	23.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	21.74	21.77	21.69	23.0

FR1 n77 Part 270 Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq. 650000	Power Middle Ch. 1 Freq. 656000	Power High Ch. 1 Freq. 662000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	21.11	21.33	21.08			
100	PV2 BPSK	1	137	21.02	21.26	21.03	22.0	0.0	0.0
100	PV2 BPSK	1	271	21.02	21.29	21.10			
100	PV2 BPSK	136	0	20.98	21.19	20.92	22.0	0.0	0.0
100	PV2 BPSK	136	69	20.94	21.14	20.90	22.0	0.0	0.0
100	PV2 BPSK	136	136	20.96	21.21	21.00			
100	PV2 BPSK	270	0	20.92	21.15	20.95	22.0	0.0	0.0
100	QPSK	1	1	21.33	21.57	21.32			
100	QPSK	1	137	20.95	21.20	20.97	22.0	0.0	0.0
100	QPSK	1	271	21.11	21.32	21.05			
100	QPSK	136	0	20.93	21.03	20.92	22.0	0.0	0.0
100	QPSK	136	69	21.09	21.23	21.19	22.0	0.0	0.0
100	QPSK	136	136	20.92	21.07	20.83	22.0	0.0	0.0
100	QPSK	270	0	21.13	21.18	21.08			
100	16QAM	1	1	20.96	21.24	21.01	22.0	0.0	0.0
100	64QAM	1	1	21.00	21.22	20.95	22.0	0.0	0.0
100	256QAM	1	1	18.96	19.20	19.00	20.5	1.5	1.5
Channel									
Frequency (MHz)									
90	QPSK	1	1	21.20	21.29	21.20	22.0	0.0	MPR
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.20	21.29	21.28	22.0	0.0	MPR
Channel									
Frequency (MHz)									
70	QPSK	1	1	21.17	21.28	21.24	22.0	0.0	MPR
Channel									
Frequency (MHz)									
60	QPSK	1	1	21.23	21.23	21.24	22.0	0.0	MPR
Channel									
Frequency (MHz)									
50	QPSK	1	1	21.23	21.30	21.12	22.0	0.0	MPR
Channel									
Frequency (MHz)									
40	QPSK	1	1	21.20	21.30	21.21	22.0	0.0	MPR
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.23	21.23	21.22	22.0	0.0	MPR
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.23	21.20	21.18	22.0	0.0	MPR
Channel									
Frequency (MHz)									
15	QPSK	1	1	21.28	21.21	21.21	22.0	0.0	MPR
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.27	21.28	21.19	22.0	0.0	MPR

FR1 n77 HPUE Part 270 Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq. 650000	Power Middle Ch. 1 Freq. 656000	Power High Ch. 1 Freq. 662000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	23.47	23.76	23.54			
100	PV2 BPSK	1	137	23.35	23.57	23.30	25.0		0.0
100	PV2 BPSK	1	271	23.35	23.63	23.37			
100	PV2 BPSK	136	0	23.00	23.24	23.02	24.5		0.5
100	PV2 BPSK	136	69	23.43	23.66	23.47	25.0		0.0
100	PV2 BPSK	136	136	23.11	23.33	23.06	24.5		0.5
100	PV2 BPSK	270	0	22.96	23.24	23.01			
100	QPSK	1	1	23.75	23.81	23.79			
100	QPSK	1	137	23.48	23.74	23.45	25.0		0.0
100	QPSK	1	271	23.48	23.77	23.53			
100	QPSK	136	0	22.36	22.57	22.31	24.0		1.0
100	QPSK	136	69	23.64	23.73	23.71	25.0		0.0
100	QPSK	136	136	22.33	22.69	22.36	24.0		1.0
100	QPSK	270	0	22.60	22.66	22.58			
100	16QAM	1	1	22.43	22.71	22.44	24.0		1.0
100	64QAM	1	1	21.84	21.97	21.69	23.5		2.5
100	256QAM	1	1	18.95	19.20	18.95	20.5		4.5
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.64	23.69	23.69	25.0		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.60	23.72	23.69	25.0		0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	23.68	23.61	23.65	25.0		0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.63	23.64	23.62	25.0		0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.67	23.69	23.69	25.0		0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.67	23.74	23.58	25.0		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.56	23.75	23.71	25.0		0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.69	23.67	23.70	25.0		0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.62	23.70	23.73	25.0		0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.57	23.68	23.68	25.0		0.0

FR1 n77 Part 27Q Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	21.05	63332 3469.98				
100	PV2 BPSK	1	137	21.68			22.0	0.0	
100	PV2 BPSK	1	271	21.54					
100	PV2 BPSK	136	0	21.36			22.0	0.0	
100	PV2 BPSK	136	69	21.41			22.0	0.0	
100	PV2 BPSK	136	136	21.49			22.0	0.0	
100	PV2 BPSK	270	0	21.33			22.0	0.0	
100	QPSK	1	1	21.73					
100	QPSK	1	137	21.62			22.0	0.0	
100	QPSK	1	271	21.63					
100	QPSK	136	0	21.63			22.0	0.0	
100	QPSK	136	69	21.68			22.0	0.0	
100	QPSK	136	136	21.49			22.0	0.0	
100	QPSK	270	0	21.63			22.0	0.0	
100	16QAM	1	1	21.71			22.0	0.0	
100	64QAM	1	1	21.70			22.0	0.0	
100	256QAM	1	1	19.74			20.5	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	63300 3469.98	63366 3469.98		Tune-up	MPR	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.69	21.54	21.62	22.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	21.64	21.58	21.57	22.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	21.65	21.69	21.64	22.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	21.53	21.63	21.57	22.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	21.54	21.58	21.57	22.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	63300 3469.98	63366 3469.98		Tune-up	MPR	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.63	21.55	21.59	22.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	63068 3469.98	63332 3469.98		Tune-up	MPR	
Channel									
Frequency (MHz)									
10	QPSK	1	1	63072 3469.98	63336 3469.98		Tune-up	MPR	
Channel									
Frequency (MHz)									
5	QPSK	1	1	63076 3469.98	63340 3469.98		Tune-up	MPR	
Channel									
Frequency (MHz)									
0	QPSK	1	1	21.56	21.57	21.59	22.0	0.0	

FR1 n77 HPUE Part 27Q Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	24.21	24.21		25.0		
100	PV2 BPSK	1	137	24.17	24.17				
100	PV2 BPSK	1	271	24.16	24.16				
100	PV2 BPSK	136	0	23.77	23.77		24.5	0.5	
100	PV2 BPSK	136	69	24.06	24.06		25.0	0.0	
100	PV2 BPSK	136	136	23.85	23.85		24.5	0.5	
100	PV2 BPSK	270	0	23.61	23.61				
100	QPSK	1	1	24.23	24.23		25.0		
100	QPSK	1	137	24.12	24.12				
100	QPSK	1	271	24.16	24.16				
100	QPSK	136	0	23.95	23.95		24.0	1.0	
100	QPSK	136	69	24.17	24.17		24.0	0.0	
100	QPSK	136	136	22.86	22.86		24.0	1.0	
100	QPSK	270	0	23.89	23.89		24.0	1.0	
100	16QAM	1	1	23.23	23.23		24.0	1.0	
100	64QAM	1	1	21.76	21.76		22.5	2.5	
100	256QAM	1	1	19.67	19.67		20.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	24.07	24.10	24.18	25.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	24.07	24.08	24.15	25.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	24.14	24.09	24.05	25.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	24.00	23.93	23.96	25.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	24.08	24.11	24.13	25.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	24.11	24.09	24.12	25.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	24.21	24.08	24.15	25.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	24.19	24.13	24.21	25.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	24.08	24.16	24.06	25.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	24.07	24.21	24.06	25.0	0.0	

FR1 n78 Part 270 Ant 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel							
Frequency (MHz)							
100	PV2 BPSK	1	1	21.33			22.0
100	PV2 BPSK	1	137	21.46			22.0
100	PV2 BPSK	1	271	21.38			22.0
100	PV2 BPSK	136	0	21.24			22.0
100	PV2 BPSK	136	69	21.42			22.0
100	PV2 BPSK	136	136	21.35			22.0
100	PV2 BPSK	270	0	21.44			22.0
100	QPSK	1	1	21.49			22.0
100	QPSK	1	137	21.34			22.0
100	QPSK	1	271	21.33			22.0
100	QPSK	136	0	21.18			22.0
100	QPSK	136	69	21.25			22.0
100	QPSK	136	136	21.15			22.0
100	QPSK	270	0	21.12			22.0
100	16QAM	1	1	21.44			22.0
100	64QAM	1	1	21.47			22.0
100	256QAM	1	1	19.48			20.5
Channel							
Frequency (MHz)							
90	QPSK	1	1	21.44	21.32	21.39	22.0
Channel							
Frequency (MHz)							
80	QPSK	1	1	21.33	21.32	21.32	22.0
Channel							
Frequency (MHz)							
70	QPSK	1	1	21.33	21.41	21.43	22.0
Channel							
Frequency (MHz)							
60	QPSK	1	1	21.33	21.41	21.52	22.0
Channel							
Frequency (MHz)							
50	QPSK	1	1	21.44	21.33	21.38	22.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	21.43	21.34	21.43	22.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	21.30	21.30	21.31	22.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	21.43	21.33	21.38	22.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	21.25	21.41	21.41	22.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	21.44	21.31	21.29	22.0

FR1 n78_HPUe Part 270 Ant 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel							
Frequency (MHz)							
100	PV2 BPSK	1	1	23.84			25.0
100	PV2 BPSK	1	137	23.86			25.0
100	PV2 BPSK	1	271	23.74			25.0
100	PV2 BPSK	136	0	23.25			24.5
100	PV2 BPSK	136	69	23.81			25.0
100	PV2 BPSK	136	136	23.43			24.5
100	PV2 BPSK	270	0	23.38			25.0
100	QPSK	1	1	23.81			25.0
100	QPSK	1	137	23.88			25.0
100	QPSK	1	271	23.88			25.0
100	QPSK	136	0	22.77			24.0
100	QPSK	136	69	23.73			24.0
100	QPSK	136	136	22.85			24.0
100	QPSK	270	0	22.88			24.0
100	16QAM	1	1	23.84			24.0
100	64QAM	1	1	21.36			22.5
100	256QAM	1	1	19.43			20.5
Channel							
Frequency (MHz)							
90	QPSK	1	1	23.77	23.87	23.81	25.0
Channel							
Frequency (MHz)							
80	QPSK	1	1	23.76	23.81	23.79	25.0
Channel							
Frequency (MHz)							
70	QPSK	1	1	23.80	23.75	23.83	25.0
Channel							
Frequency (MHz)							
60	QPSK	1	1	23.77	23.79	23.77	25.0
Channel							
Frequency (MHz)							
50	QPSK	1	1	23.72	23.72	23.73	25.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	23.76	23.76	23.74	25.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	23.76	23.85	23.77	25.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	23.79	23.80	23.72	25.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	23.79	23.73	23.75	25.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	23.81	23.85	23.71	25.0

FR1 n78 Part 27Q Ant 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel							
Frequency (MHz)							
100	PV2 BPSK	1	1	21.40	21.40		
100	PV2 BPSK	1	137	21.58	21.58		22.0
100	PV2 BPSK	1	271	21.54	21.54		
100	PV2 BPSK	136	0	21.28	21.28		22.0
100	PV2 BPSK	136	69	21.51	21.51		22.0
100	PV2 BPSK	136	136	21.58	21.58		22.0
100	PV2 BPSK	270	0	21.70	21.70		22.0
100	QPSK	1	1	21.57	21.57		
100	QPSK	1	137	21.63	21.63		22.0
100	QPSK	1	271	21.46	21.46		
100	QPSK	136	0	21.44	21.44		22.0
100	QPSK	136	69	21.56	21.56		22.0
100	QPSK	136	136	21.45	21.45		22.0
100	QPSK	270	0	21.46	21.46		22.0
100	16QAM	1	1	21.87	21.87		22.0
100	64QAM	1	1	21.70	21.70		22.0
100	256QAM	1	1	19.67	19.67		20.5
Channel							
				633000	633332	633666	Tune-up MPR
Frequency (MHz)							
90	QPSK	1	1	21.60	21.65	21.66	22.0
Channel							
				3450	3459.98	3469.98	Tune-up MPR
Frequency (MHz)							
80	QPSK	1	1	21.53	21.64	21.66	22.0
Channel							
				3485.01	3499.98	3514.98	Tune-up MPR
Frequency (MHz)							
70	QPSK	1	1	21.61	21.60	21.59	22.0
Channel							
				632000	633332	634666	Tune-up MPR
Frequency (MHz)							
60	QPSK	1	1	21.67	21.63	21.51	22.0
Channel							
				631668	633332	635000	Tune-up MPR
Frequency (MHz)							
50	QPSK	1	1	21.63	21.63	21.63	22.0
Channel							
				631334	633332	635332	Tune-up MPR
Frequency (MHz)							
40	QPSK	1	1	21.54	21.61	21.62	22.0
Channel							
				631000	633332	635666	Tune-up MPR
Frequency (MHz)							
30	QPSK	1	1	21.53	21.58	21.60	22.0
Channel							
				630668	633332	636000	Tune-up MPR
Frequency (MHz)							
20	QPSK	1	1	21.59	21.63	21.54	22.0
Channel							
				3450.02	3459.98	3469.98	Tune-up MPR
Frequency (MHz)							
15	QPSK	1	1	21.55	21.59	21.58	22.0
Channel							
				630334	633332	636332	Tune-up MPR
Frequency (MHz)							
10	QPSK	1	1	21.64	21.62	21.66	22.0

FR1 n78_HPUE Part 27Q Ant 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel							
Frequency (MHz)							
100	PV2 BPSK	1	1	24.19	24.19		
100	PV2 BPSK	1	137	24.05	24.05		25.0
100	PV2 BPSK	1	271	23.97	23.97		
100	PV2 BPSK	136	0	23.42	23.42		24.5
100	PV2 BPSK	136	69	23.96	23.96		25.0
100	PV2 BPSK	136	136	23.49	23.49		24.5
100	PV2 BPSK	270	0	23.60	23.60		25.0
100	QPSK	1	1	24.21	24.21		
100	QPSK	1	137	24.19	24.19		25.0
100	QPSK	1	271	24.01	24.01		
100	QPSK	136	0	23.11	23.11		24.0
100	QPSK	136	69	24.10	24.10		24.0
100	QPSK	136	136	22.86	22.86		24.0
100	QPSK	270	0	23.02	23.02		24.0
100	16QAM	1	1	23.24	23.24		24.0
100	64QAM	1	1	21.81	21.81		22.5
100	256QAM	1	1	19.85	19.85		20.5
Channel							
				633000	633332	633666	Tune-up MPR
Frequency (MHz)							
90	QPSK	1	1	24.07	24.13	24.02	25.0
Channel							
				630668	633332	636000	Tune-up MPR
Frequency (MHz)							
80	QPSK	1	1	24.02	24.04	24.12	25.0
Channel							
				3485.01	3499.98	3514.98	Tune-up MPR
Frequency (MHz)							
70	QPSK	1	1	24.16	24.04	24.17	25.0
Channel							
				632000	633332	634666	Tune-up MPR
Frequency (MHz)							
60	QPSK	1	1	24.13	24.05	24.10	25.0
Channel							
				631668	633332	635000	Tune-up MPR
Frequency (MHz)							
50	QPSK	1	1	24.11	24.08	24.06	25.0
Channel							
				631334	633332	635332	Tune-up MPR
Frequency (MHz)							
40	QPSK	1	1	24.14	24.13	24.13	25.0
Channel							
				631000	633332	635666	Tune-up MPR
Frequency (MHz)							
30	QPSK	1	1	24.04	24.07	24.09	25.0
Channel							
				630668	633332	636000	Tune-up MPR
Frequency (MHz)							
20	QPSK	1	1	24.09	24.14	24.10	25.0
Channel							
				3450.02	3459.98	3469.98	Tune-up MPR
Frequency (MHz)							
15	QPSK	1	1	24.03	24.18	24.14	25.0
Channel							
				630334	633332	636332	Tune-up MPR
Frequency (MHz)							
10	QPSK	1	1	24.13	24.04	24.08	25.0

FR1 n48 Ant 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				636000	641666	645332	
Frequency (MHz)				3670	3624.99	3679.98	
40	PV2 BPSK	1	1	22.56	22.99	23.00	
40	PV2 BPSK	1	53	22.51	22.80	22.82	24.0
40	PV2 BPSK	1	104	22.68	22.91	22.88	
40	PV2 BPSK	50	0	22.18	22.42	22.45	23.5
40	PV2 BPSK	50	26	22.54	22.76	22.86	24.0
40	PV2 BPSK	50	58	22.02	22.47	22.29	23.5
40	PV2 BPSK	100	0	22.68	22.97	22.93	
40	QPSK	1	1	22.73	23.02	23.01	
40	QPSK	1	53	22.73	22.81	22.78	24.0
40	QPSK	1	104	22.68	23.00	22.78	
40	QPSK	50	0	22.55	22.69	22.48	23.0
40	QPSK	50	26	22.67	22.78	22.74	24.0
40	QPSK	50	58	22.71	22.72	22.51	23.0
40	QPSK	100	0	22.57	22.77	22.65	
40	16QAM	1	1	22.83	22.88	22.84	23.0
40	16QAM	1	1	21.57	21.43	21.42	21.5
40	256QAM	1	1	19.36	19.42	19.33	19.5
Channel				637668	641666	645666	
Frequency (MHz)				3685.02	3624.99	3684.98	
30	QPSK	1	1	22.68	22.93	22.96	24.0
Channel				637334	641666	646000	
Frequency (MHz)				3680.01	3624.99	3690	
20	QPSK	1	1	22.54	22.90	22.85	24.0
Channel				637168	641666	646166	
Frequency (MHz)				3671.52	3624.99	3692.48	
15	QPSK	1	1	22.63	22.86	22.82	24.0
Channel				637000	641666	646332	
Frequency (MHz)				3655	3624.99	3694.98	
10	QPSK	1	1	22.67	22.83	22.89	24.0

FR1 n77 Part 270 Ant 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3760	3840	3920	
100	PV2 BPSK	1	1	22.40	22.71	22.38	
100	PV2 BPSK	1	137	22.52	22.63	22.33	24.0
100	PV2 BPSK	1	271	22.35	22.65	22.38	
100	PV2 BPSK	135	0	22.35	22.64	22.36	24.0
100	PV2 BPSK	135	69	22.43	22.64	22.53	24.0
100	PV2 BPSK	135	138	22.45	22.63	22.44	24.0
100	PV2 BPSK	270	0	22.50	22.65	22.37	
100	QPSK	1	1	22.53	22.73	22.44	
100	QPSK	1	137	22.28	22.46	22.23	24.0
100	QPSK	1	271	22.36	22.43	22.29	
100	QPSK	135	0	22.23	22.28	22.04	24.0
100	QPSK	135	69	22.57	22.60	22.53	24.0
100	QPSK	135	138	22.21	22.24	22.13	24.0
100	QPSK	270	0	22.51	22.52	22.29	
100	16QAM	1	1	22.34	22.48	22.27	24.0
100	16QAM	1	1	22.26	22.45	22.37	24.0
100	256QAM	1	1	21.32	21.38	21.17	22.5
Channel				649668	656000	662332	
Frequency (MHz)				3745.02	3840	3904.98	
90	QPSK	1	1	22.34	22.59	22.32	24.0
Channel				649334	656000	662666	
Frequency (MHz)				3740.01	3840	3908.99	
80	QPSK	1	1	22.44	22.64	22.39	24.0
Channel				649000	656000	663000	
Frequency (MHz)				3735	3840	3945	
70	QPSK	1	1	22.49	22.68	22.35	24.0
Channel				648668	656000	663332	
Frequency (MHz)				3730.02	3840	3904.98	
60	QPSK	1	1	22.34	22.68	22.31	24.0
Channel				648334	656000	663666	
Frequency (MHz)				3725.01	3840	3904.99	
50	QPSK	1	1	22.44	22.68	22.33	24.0
Channel				648000	656000	664000	
Frequency (MHz)				3720	3840	3960	
40	QPSK	1	1	22.38	22.65	22.30	24.0
Channel				647668	656000	664332	
Frequency (MHz)				3715.02	3840.00	3904.98	
30	QPSK	1	1	22.35	22.69	22.39	24.0
Channel				647334	656000	664666	
Frequency (MHz)				3710.01	3840	3909.99	
20	QPSK	1	1	22.34	22.65	22.32	24.0
Channel				647168	656000	664832	
Frequency (MHz)				3707.52	3840	3972.48	
15	QPSK	1	1	22.47	22.62	22.28	24.0
Channel				647000	656000	665000	
Frequency (MHz)				3705	3840	3975	
10	QPSK	1	1	22.48	22.57	22.28	24.0

FR1 n77 HPUE Part 270 Ant 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PV2 BPSK	1	1	25.10	25.14	24.80	
100	PV2 BPSK	1	137	24.95	25.28	24.96	26.0
100	PV2 BPSK	1	271	25.00	25.32	24.91	
100	PV2 BPSK	135	0	24.60	24.69	24.44	25.5
100	PV2 BPSK	135	69	25.04	25.31	24.81	26.0
100	PV2 BPSK	135	138	24.49	24.65	24.31	25.5
100	PV2 BPSK	270	0	25.12	25.32	24.68	
100	QPSK	1	1	25.15	25.35	24.88	
100	QPSK	1	137	24.96	25.00	24.76	26.0
100	QPSK	1	271	25.03	25.06	24.94	
100	QPSK	135	0	23.79	23.80	23.67	25.0
100	QPSK	135	69	24.75	24.78	24.75	26.0
100	QPSK	135	138	23.61	23.77	23.72	25.0
100	QPSK	270	0	23.66	23.77	23.68	
100	16QAM	1	1	23.91	23.96	23.94	25.0
100	16QAM	1	1	22.29	22.43	22.26	23.5
100	256QAM	1	1	20.33	20.39	20.26	21.5
Channel				649668	656000	662332	
Frequency (MHz)				3745.02	3840	3904.98	
90	QPSK	1	1	24.95	25.24	24.86	26.0
Channel				649334	656000	662666	
Frequency (MHz)				3740.01	3840	3908.99	
80	QPSK	1	1	24.98	25.24	24.83	26.0
Channel				649000	656000	663000	
Frequency (MHz)				3735	3840	3945	
70	QPSK	1	1	25.08	25.17	24.80	26.0
Channel				648668	656000	663332	
Frequency (MHz)				3730.02	3840	3904.98	
60	QPSK	1	1	24.96	25.30	24.85	26.0
Channel				648334	656000	663666	
Frequency (MHz)				3725.01	3840	3904.99	
50	QPSK	1	1	25.04	25.24	24.80	26.0
Channel				648000	656000	664000	
Frequency (MHz)				3720	3840	3960	
40	QPSK	1	1	25.08	25.16	24.83	26.0
Channel				647668	656000	664332	
Frequency (MHz)				3715.02	3840.00	3904.98	
30	QPSK	1	1	24.99	25.20	24.91	26.0
Channel				647334	656000	664666	
Frequency (MHz)				3710.01	3840	3909.99	
20	QPSK	1	1	25.08	25.18	24.91	26.0
Channel				647168	656000	664832	
Frequency (MHz)				3707.52	3840	3972.48	
15	QPSK	1	1	25.09	25.20	24.94	26.0
Channel				647000	656000	665000	
Frequency (MHz)				3705	3840	3975	
10	QPSK	1	1	25.00	25.18	24.81	26.0

FR1 n77 Part 27Q Ant 4							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332		3499.98	
Frequency (MHz)						22.84	
100	PI2 BPSK	1	1				
100	PI2 BPSK	1	137				
100	PI2 BPSK	1	271				
100	PI2 BPSK	135	0				24.0
100	PI2 BPSK	135	69				24.0
100	PI2 BPSK	135	138				24.0
100	PI2 BPSK	270	0				24.0
100	QPSK	1	1				
100	QPSK	1	137				24.0
100	QPSK	1	271				
100	QPSK	135	0				24.0
100	QPSK	135	69				24.0
100	QPSK	135	138				24.0
100	QPSK	270	0				24.0
100	16QAM	1	1				24.0
100	16QAM	1	1				24.0
100	256QAM	1	1				22.5
Channel				633000	633332	633666	Tune-up limit (dB)
Frequency (MHz)				3495	3499.98	3504.99	
90	QPSK	1	1				24.0
Channel				632668	633332	634000	Tune-up limit (dB)
Frequency (MHz)				3490.02	3499.98	3509.98	
80	QPSK	1	1				24.0
Channel				632334	633332	634332	Tune-up limit (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	QPSK	1	1				24.0
Channel				632000	633332	634666	Tune-up limit (dB)
Frequency (MHz)				3480	3499.98	3519.99	
60	QPSK	1	1				24.0
Channel				631668	633332	635000	Tune-up limit (dB)
Frequency (MHz)				3475.02	3499.98	3524.99	
50	QPSK	1	1				24.0
Channel				631334	633332	635332	Tune-up limit (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	QPSK	1	1				24.0
Channel				631000	633332	635666	Tune-up limit (dB)
Frequency (MHz)				3465	3499.98	3534.99	
30	QPSK	1	1				24.0
Channel				630668	633332	636000	Tune-up limit (dB)
Frequency (MHz)				3460.02	3499.98	3540.00	
20	QPSK	1	1				24.0
Channel				630334	633332	636332	Tune-up limit (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	QPSK	1	1				24.0
Channel				630000	633332	636666	Tune-up limit (dB)
Frequency (MHz)				3455.01	3499.98	3544.99	
10	QPSK	1	1				24.0

FR1 n77 HPUE Part 27Q Ant 4							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332		3499.98	
Frequency (MHz)						25.13	
100	PI2 BPSK	1	1				
100	PI2 BPSK	1	137				
100	PI2 BPSK	1	271				
100	PI2 BPSK	135	0				25.5
100	PI2 BPSK	135	69				26.0
100	PI2 BPSK	135	138				25.5
100	PI2 BPSK	270	0				25.5
100	QPSK	1	1				
100	QPSK	1	137				26.0
100	QPSK	1	271				
100	QPSK	135	0				25.0
100	QPSK	135	69				26.0
100	QPSK	135	138				25.0
100	QPSK	270	0				25.0
100	16QAM	1	1				25.0
100	16QAM	1	1				23.5
100	256QAM	1	1				21.5
Channel				633000	633332	633666	Tune-up limit (dB)
Frequency (MHz)				3495	3499.98	3504.99	
90	QPSK	1	1				26.0
Channel				632668	633332	634000	Tune-up limit (dB)
Frequency (MHz)				3490.02	3499.98	3509.98	
80	QPSK	1	1				26.0
Channel				632334	633332	634332	Tune-up limit (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	QPSK	1	1				26.0
Channel				632000	633332	634666	Tune-up limit (dB)
Frequency (MHz)				3480	3499.98	3519.99	
60	QPSK	1	1				26.0
Channel				631668	633332	635000	Tune-up limit (dB)
Frequency (MHz)				3475.02	3499.98	3524.99	
50	QPSK	1	1				26.0
Channel				631334	633332	635332	Tune-up limit (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	QPSK	1	1				26.0
Channel				631000	633332	635666	Tune-up limit (dB)
Frequency (MHz)				3465	3499.98	3534.99	
30	QPSK	1	1				26.0
Channel				630668	633332	636000	Tune-up limit (dB)
Frequency (MHz)				3460.02	3499.98	3540.00	
20	QPSK	1	1				26.0
Channel				630334	633332	636332	Tune-up limit (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	QPSK	1	1				26.0
Channel				630000	633332	636666	Tune-up limit (dB)
Frequency (MHz)				3455.01	3499.98	3544.99	
10	QPSK	1	1				26.0

FR1 n78 Part 270 Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	Plv2 BPSK	1	1	22.81	22.81	22.81	24.0	0.0
100	Plv2 BPSK	1	137	22.81	22.81	22.81		
100	Plv2 BPSK	1	271	22.72	22.72	22.72		
100	Plv2 BPSK	135	0	22.74	22.74	22.74		
100	Plv2 BPSK	135	89	22.76	22.76	22.76	24.0	0.0
100	Plv2 BPSK	135	138	22.71	22.71	22.71	24.0	0.0
100	Plv2 BPSK	270	0	22.71	22.71	22.71	24.0	0.0
100	QPSK	1	1	22.83	22.83	22.83		
100	QPSK	1	137	22.81	22.81	22.81		
100	QPSK	1	271	22.53	22.53	22.53		
100	QPSK	135	0	22.54	22.54	22.54	24.0	0.0
100	QPSK	135	89	22.77	22.77	22.77	24.0	0.0
100	QPSK	135	138	22.42	22.42	22.42	24.0	0.0
100	QPSK	270	0	22.86	22.86	22.86		
100	16QAM	1	1	22.71	22.71	22.71		
100	64QAM	1	1	22.82	22.82	22.82	24.0	0.0
100	256QAM	1	1	22.82	22.82	22.82	22.5	1.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	22.69	22.76	22.77	24.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.72	22.68	22.69	24.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	22.63	22.70	22.63	24.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.65	22.77	22.66	24.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	22.68	22.64	22.75	24.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.72	22.69	22.72	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.74	22.64	22.74	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.68	22.68	22.73	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.70	22.71	22.74	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.64	22.69	22.69	24.0	0.0

FR1 n78_HPUE Part 270 Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	Plv2 BPSK	1	1	25.31	25.31	25.31	26.0	0.0
100	Plv2 BPSK	1	137	25.32	25.32	25.32		
100	Plv2 BPSK	1	271	25.23	25.23	25.23		
100	Plv2 BPSK	135	0	24.74	24.74	24.74		
100	Plv2 BPSK	135	89	25.18	25.18	25.18	25.5	0.5
100	Plv2 BPSK	135	138	24.73	24.73	24.73	25.5	0.5
100	Plv2 BPSK	270	0	25.31	25.31	25.31	26.0	0.0
100	QPSK	1	1	25.34	25.34	25.34		
100	QPSK	1	137	24.89	24.89	24.89		
100	QPSK	1	271	24.54	24.54	24.54		
100	QPSK	135	0	24.10	24.10	24.10	25.0	1.0
100	QPSK	135	89	25.10	25.10	25.10	26.0	0.0
100	QPSK	135	138	24.91	24.91	24.91	25.0	1.0
100	QPSK	270	0	24.02	24.02	24.02		
100	16QAM	1	1	24.31	24.31	24.31		
100	64QAM	1	1	22.86	22.86	22.86	23.5	2.5
100	256QAM	1	1	20.82	20.82	20.82	21.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	25.27	25.18	25.21	26.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	25.24	25.24	25.29	26.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	25.24	25.18	25.24	26.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	25.28	25.18	25.25	26.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	25.24	25.15	25.16	26.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	25.30	25.26	25.26	26.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	25.22	25.21	25.29	26.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	25.26	25.29	25.15	26.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	25.20	25.23	25.24	26.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	25.26	25.29	25.28	26.0	0.0

FR1 n78 Part 27Q Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332	3499.98				
Frequency (MHz)					22.73				
100	Pl2 BPSK	1	1			22.66	24.0	0.0	
100	Pl2 BPSK	1	137			22.55			
100	Pl2 BPSK	1	271			22.55			
100	Pl2 BPSK	135	0			22.54	24.0	0.0	
100	Pl2 BPSK	135	89			22.70	24.0	0.0	
100	Pl2 BPSK	135	138			22.59			
100	Pl2 BPSK	270	0			22.67	24.0	0.0	
100	QPSK	1	1			22.75			
100	QPSK	1	137			22.55	24.0	0.0	
100	QPSK	1	271			22.51			
100	QPSK	135	0			22.51	24.0	0.0	
100	QPSK	135	89			22.68	24.0	0.0	
100	QPSK	135	138			22.56			
100	QPSK	270	0			22.85	24.0	0.0	
100	16QAM	1	1			22.89	24.0	0.0	
100	64QAM	1	1			22.46	24.0	0.0	
100	256QAM	1	1			20.68	22.5	1.5	
Channel				633000	633332	633666	Tune-up	MPR	
Frequency (MHz)				3495	3499.98	3504.98	lim.	(dB)	
90	QPSK	1	1	22.60	22.56	22.57	24.0	0.0	
Channel				632668	633332	634000	Tune-up	MPR	
Frequency (MHz)				3490.02	3499.98	3510	lim.	(dB)	
80	QPSK	1	1	22.68	22.67	22.62	24.0	0.0	
Channel				632334	633332	634332	Tune-up	MPR	
Frequency (MHz)				3485.01	3499.98	3514.98	lim.	(dB)	
70	QPSK	1	1	22.67	22.68	22.71	24.0	0.0	
Channel				632000	633332	634666	Tune-up	MPR	
Frequency (MHz)				3480	3499.98	3519.98	lim.	(dB)	
60	QPSK	1	1	22.62	22.69	22.68	24.0	0.0	
Channel				631666	633332	635000	Tune-up	MPR	
Frequency (MHz)				3475.02	3499.98	3525	lim.	(dB)	
50	QPSK	1	1	22.62	22.62	22.59	24.0	0.0	
Channel				631334	633332	635332	Tune-up	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	lim.	(dB)	
40	QPSK	1	1	22.64	22.64	22.71	24.0	0.0	
Channel				631000	633332	635666	Tune-up	MPR	
Frequency (MHz)				3465	3499.98	3534.98	lim.	(dB)	
30	QPSK	1	1	22.68	22.70	22.65	24.0	0.0	
Channel				630666	633332	636000	Tune-up	MPR	
Frequency (MHz)				3460.02	3499.98	3540	lim.	(dB)	
20	QPSK	1	1	22.59	22.63	22.59	24.0	0.0	
Channel				630300	633332	636166	Tune-up	MPR	
Frequency (MHz)				3457.5	3499.98	3542.49	lim.	(dB)	
15	QPSK	1	1	22.67	22.61	22.69	24.0	0.0	
Channel				630334	633332	636332	Tune-up	MPR	
Frequency (MHz)				3455.01	3499.98	3544.98	lim.	(dB)	
10	QPSK	1	1	22.69	22.71	22.63	24.0	0.0	

FR1 n78_HPUE Part 27Q Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332		3499.98			
Frequency (MHz)						25.17			
100	Pl2 BPSK	1	1			25.19	26.0	0.0	
100	Pl2 BPSK	1	137			25.23			
100	Pl2 BPSK	1	271			24.68	25.5	0.5	
100	Pl2 BPSK	135	0			25.25	26.0	0.0	
100	Pl2 BPSK	135	138			24.74	25.5	0.5	
100	Pl2 BPSK	270	0			25.19			
100	QPSK	1	1			25.35			
100	QPSK	1	137			24.84	26.0	0.0	
100	QPSK	1	271			24.52			
100	QPSK	135	0			24.00	25.0	1.0	
100	QPSK	135	89			24.82	26.0	0.0	
100	QPSK	135	138			23.81			
100	QPSK	270	0			23.83	25.0	1.0	
100	16QAM	1	1			24.27			
100	64QAM	1	1			22.71	23.5	2.5	
100	256QAM	1	1			20.62	21.5	4.5	
Channel				633000	633332	633666	Tune-up	MPR	
Frequency (MHz)				3495	3499.98	3504.98	lim.	(dB)	
90	QPSK	1	1	25.16	25.14	25.23	26.0	0.0	
Channel				632668	633332	634000	Tune-up	MPR	
Frequency (MHz)				3490.00	3499.98	3510	lim.	(dB)	
80	QPSK	1	1	25.26	25.26	25.27	26.0	0.0	
Channel				632334	633332	634332	Tune-up	MPR	
Frequency (MHz)				3485.01	3499.98	3514.98	lim.	(dB)	
70	QPSK	1	1	25.23	25.12	25.13	26.0	0.0	
Channel				632000	633332	634666	Tune-up	MPR	
Frequency (MHz)				3480	3499.98	3519.98	lim.	(dB)	
60	QPSK	1	1	25.26	25.23	25.21	26.0	0.0	
Channel				631666	633332	635000	Tune-up	MPR	
Frequency (MHz)				3475.02	3499.98	3525	lim.	(dB)	
50	QPSK	1	1	25.27	25.25	25.20	26.0	0.0	
Channel				631334	633332	635332	Tune-up	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	lim.	(dB)	
40	QPSK	1	1	25.18	25.12	25.23	26.0	0.0	
Channel				631000	633332	635666	Tune-up	MPR	
Frequency (MHz)				3465	3499.98	3534.98	lim.	(dB)	
30	QPSK	1	1	25.19	25.19	25.16	26.0	0.0	
Channel				630666	633332	636000	Tune-up	MPR	
Frequency (MHz)				3460.02	3499.98	3540	lim.	(dB)	
20	QPSK	1	1	25.14	25.17	25.15	26.0	0.0	
Channel				630300	633332	636166	Tune-up	MPR	
Frequency (MHz)				3457.5	3499.98	3542.49	lim.	(dB)	
15	QPSK	1	1	25.19	25.25	25.20	26.0	0.0	
Channel				630334	633332	636332	Tune-up	MPR	
Frequency (MHz)				3455.01	3499.98	3544.98	lim.	(dB)	
10	QPSK	1	1	25.24	25.16	25.23	26.0	0.0	

FR1 n48 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3670	3624.99	3679.98			
Frequency (MHz)				19.73	19.61	19.77			
40	PV2 BPSK	1	1	19.73	19.61	19.77			
40	PV2 BPSK	1	53	19.61	19.70	19.50	21.0	0.0	
40	PV2 BPSK	1	104	19.56	19.71	19.45			
40	PV2 BPSK	50	0	19.62	19.66	19.61	20.5	0.5	
40	PV2 BPSK	50	26	19.31	19.55	19.41	21.0	0.0	
40	PV2 BPSK	50	50	19.27	19.51	19.28	20.5	0.5	
40	PV2 BPSK	100	0	19.44	19.56	19.35			
40	QPSK	1	1	19.85	19.06	19.84			
40	QPSK	1	53	19.78	19.85	19.66	21.0	0.0	
40	QPSK	1	104	19.70	19.92	19.67			
40	QPSK	50	0	19.68	19.73	19.51	20.0	1.0	
40	QPSK	50	26	19.53	19.77	19.56	21.0	0.0	
40	QPSK	50	50	19.63	19.69	19.45	20.0	1.0	
40	QPSK	100	0	19.55	19.65	19.61			
40	ISQAM	1	1	19.81	19.91	19.67	20.0	1.0	
40	ISQAM	1	1	19.24	19.40	19.37	18.5	2.5	
40	SSQAM	1	1	19.37	19.47	19.42	18.5	4.5	
Channel				637668	641666	645666	Tune-up	MPR	
Frequency (MHz)				3651.02	3624.99	3624.98	limit	(dB)	
30	QPSK	1	1	19.80	19.93	19.79	21.0	0.0	
Channel				637334	641666	646000	Tune-up	MPR	
Frequency (MHz)				3661.01	3624.99	3660	limit	(dB)	
20	QPSK	1	1	19.87	19.90	19.79	21.0	0.0	
Channel				637168	641666	646166	Tune-up	MPR	
Frequency (MHz)				3657.52	3624.99	3659.48	limit	(dB)	
15	QPSK	1	1	19.82	19.88	19.78	21.0	0.0	
Channel				637000	641666	646332	Tune-up	MPR	
Frequency (MHz)				3655	3624.99	3654.98	limit	(dB)	
10	QPSK	1	1	19.81	19.97	19.71	21.0	0.0	

FR1 n77 Part 270 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3760	3840	3920			
100	PV2 BPSK	1	1	19.42	19.31	19.29			
100	PV2 BPSK	1	137	19.32	19.83	19.15	21.0	0.0	
100	PV2 BPSK	1	271	19.28	19.30	19.13			
100	PV2 BPSK	135	0	19.45	19.50	19.29	21.0	0.0	
100	PV2 BPSK	135	69	19.48	19.25	19.20	21.0	0.0	
100	PV2 BPSK	135	138	19.27	19.14	19.15	21.0	0.0	
100	PV2 BPSK	270	0	19.42	19.23	19.13			
100	QPSK	1	1	19.49	19.51	19.45			
100	QPSK	1	137	19.38	19.45	19.41	21.0	0.0	
100	QPSK	1	271	19.35	19.47	19.39			
100	QPSK	135	0	19.39	19.45	19.35	21.0	0.0	
100	QPSK	135	69	19.48	19.45	19.41	21.0	0.0	
100	QPSK	135	138	19.42	19.22	19.28	21.0	0.0	
100	QPSK	270	0	19.41	19.44	19.20			
100	ISQAM	1	1	19.42	19.50	19.48	21.0	0.0	
100	ISQAM	1	1	19.45	19.45	19.48	21.0	0.0	
100	SSQAM	1	1	17.52	17.56	17.57	19.0	2.0	
Channel				649668	656000	662332	Tune-up	MPR	
Frequency (MHz)				3745.02	3840	3924.98	limit	(dB)	
90	QPSK	1	1	19.30	19.20	19.29	21.0	0.0	
Channel				649334	656000	662666	Tune-up	MPR	
Frequency (MHz)				3740.01	3840	3920.99	limit	(dB)	
80	QPSK	1	1	19.41	19.36	19.21	21.0	0.0	
Channel				649000	656000	663000	Tune-up	MPR	
Frequency (MHz)				3735	3840	3945	limit	(dB)	
70	QPSK	1	1	19.45	19.26	19.29	21.0	0.0	
Channel				648668	656000	663332	Tune-up	MPR	
Frequency (MHz)				3730.02	3840	3940.98	limit	(dB)	
60	QPSK	1	1	19.40	19.22	19.23	21.0	0.0	
Channel				648334	656000	663666	Tune-up	MPR	
Frequency (MHz)				3725.01	3840	3944.99	limit	(dB)	
50	QPSK	1	1	19.36	19.31	19.17	21.0	0.0	
Channel				648000	656000	664000	Tune-up	MPR	
Frequency (MHz)				3720	3840	3960	limit	(dB)	
40	QPSK	1	1	19.40	19.20	19.21	21.0	0.0	
Channel				647668	656000	664332	Tune-up	MPR	
Frequency (MHz)				3715.02	3840.00	3964.98	limit	(dB)	
30	QPSK	1	1	19.32	19.33	19.17	21.0	0.0	
Channel				647334	656000	664666	Tune-up	MPR	
Frequency (MHz)				3710.01	3840	3969.99	limit	(dB)	
20	QPSK	1	1	19.32	19.30	19.17	21.0	0.0	
Channel				647000	656000	665000	Tune-up	MPR	
Frequency (MHz)				3707.52	3840	3972.48	limit	(dB)	
15	QPSK	1	1	19.37	19.28	19.30	21.0	0.0	
Channel				647000	656000	665000	Tune-up	MPR	
Frequency (MHz)				3705	3840	3975	limit	(dB)	
10	QPSK	1	1	19.40	19.38	19.28	21.0	0.0	

FR1 n77 HPUE Part 270 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	22.30	22.38	22.14			
100	PV2 BPSK	1	137	22.18	22.27	22.02	23.0	0.0	
100	PV2 BPSK	1	271	22.06	22.21	22.13			
100	PV2 BPSK	135	0	21.88	21.95	21.83	22.5	0.5	
100	PV2 BPSK	135	69	22.11	22.20	22.07	23.0	0.0	
100	PV2 BPSK	135	138	21.79	21.61	21.77	22.5	0.5	
100	PV2 BPSK	270	0	21.80	21.72	21.69			
100	QPSK	1	1	22.32	22.36	22.27			
100	QPSK	1	137	22.08	22.27	22.11	23.0	0.0	
100	QPSK	1	271	22.13	22.30	22.05			
100	QPSK	135	0	21.20	21.39	21.30	22.0	1.0	
100	QPSK	135	69	22.29	22.37	22.33	23.0	0.0	
100	QPSK	135	138	21.13	21.06	21.06	22.0	1.0	
100	QPSK	270	0	21.07	21.27	21.03			
100	ISQAM	1	1	21.42	21.66	21.54	22.0	1.0	
100	ISQAM	1	1	19.93	20.17	19.94	20.5	2.5	
100	SSQAM	1	1	17.80	18.07	17.83	18.5	4.5	
Channel				649668	656000	662332	Tune-up	MPR	
Frequency (MHz)				3745.02	3840	3934.98	limit	(dB)	
90	QPSK	1	1	22.20	22.51	22.14	23.0	0.0	
Channel				649334	656000	662666	Tune-up	MPR	
Frequency (MHz)				3740.01	3840	3930.99	limit	(dB)	
80	QPSK	1	1	22.15	22.53	22.07	23.0	0.0	
Channel				649000	656000	663000	Tune-up	MPR	
Frequency (MHz)				3735	3840	3945	limit	(dB)	
70	QPSK	1	1	22.21	22.42	22.16	23.0	0.0	
Channel				648668	656000	663332	Tune-up	MPR	
Frequency (MHz)				3730.02	3840	3940.98	limit	(dB)	
60	QPSK	1	1	22.20	22.43	22.09	23.0	0.0	
Channel				648334	656000	663666	Tune-up	MPR	
Frequency (MHz)				3725.01	3840	3944.99	limit	(dB)	
50	QPSK	1	1	22.17	22.48	22.19	23.0	0.0	
Channel				648000	656000	664000	Tune-up	MPR	
Frequency (MHz)				3720	3840	3950	limit	(dB)	
40	QPSK	1	1	22.14	22.43	22.12	23.0	0.0	
Channel				647668	656000	664332	Tune-up	MPR	
Frequency (MHz)				3715.02	3840	3944.98	limit	(dB)	
30	QPSK	1	1	22.24	22.46	22.22	23.0	0.0	
Channel				647334	656000	664666	Tune-up	MPR	
Frequency (MHz)				3710.01	3840	3939.99	limit	(dB)	
20	QPSK	1	1	22.23	22.46	22.22	23.0	0.0	
Channel				647168	656000	664832	Tune-up	MPR	
Frequency (MHz)				3707.52	3840	3927.48	limit	(dB)	
15	QPSK	1	1	22.22	22.50	22.12	23.0	0.0	
Channel				647000	656000	665000	Tune-up	MPR	
Frequency (MHz)				3705	3840	3925	limit	(dB)	
10	QPSK	1	1	22.14	22.46	22.22	23.0	0.0	

FR1 n77 Part 27Q Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332	633332	633332	MPR (dB)
Frequency (MHz)				3499.98	3499.98	3499.98	
100	PI2 BPSK	1	1	20.06	20.06	20.06	
100	PI2 BPSK	1	137	20.01	20.01	20.01	21.0
100	PI2 BPSK	1	271	19.88	19.88	19.88	0.0
100	PI2 BPSK	135	0	19.94	19.94	19.94	21.0
100	PI2 BPSK	135	69	19.88	19.88	19.88	0.0
100	PI2 BPSK	135	138	20.03	20.03	20.03	21.0
100	PI2 BPSK	270	0	19.91	19.91	19.91	0.0
100	QPSK	1	1	20.11	20.11	20.11	21.0
100	QPSK	1	137	20.06	20.06	20.06	0.0
100	QPSK	1	271	20.07	20.07	20.07	21.0
100	QPSK	135	0	19.91	19.91	19.91	0.0
100	QPSK	135	69	20.06	20.06	20.06	0.0
100	QPSK	135	138	19.89	19.89	19.89	21.0
100	QPSK	270	0	19.95	19.95	19.95	0.0
100	16QAM	1	1	20.08	20.08	20.08	21.0
100	16QAM	1	1	20.08	20.08	20.08	0.0
100	256QAM	1	1	17.58	17.58	17.58	19.0
Channel				633000	633332	633666	Tune-up limit (dB)
Frequency (MHz)				3495	3499.98	3504.99	MPR
90	QPSK	1	1	19.97	20.02	19.99	21.0
Channel				632668	633332	634000	Tune-up limit (dB)
Frequency (MHz)				3490.02	3499.98	3509.98	MPR
80	QPSK	1	1	19.94	19.94	19.97	21.0
Channel				632334	633332	634332	Tune-up limit (dB)
Frequency (MHz)				3484.01	3499.98	3514.98	MPR
70	QPSK	1	1	19.98	20.00	20.06	21.0
Channel				632000	633332	634666	Tune-up limit (dB)
Frequency (MHz)				3480	3499.98	3519.98	MPR
60	QPSK	1	1	19.92	19.93	20.05	21.0
Channel				631668	633332	635000	Tune-up limit (dB)
Frequency (MHz)				3475.02	3499.98	3525.98	MPR
50	QPSK	1	1	19.93	20.04	19.92	21.0
Channel				631334	633332	635332	Tune-up limit (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	MPR
40	QPSK	1	1	19.92	20.00	19.99	21.0
Channel				631000	633332	635666	Tune-up limit (dB)
Frequency (MHz)				3465	3499.98	3534.99	MPR
30	QPSK	1	1	19.96	19.98	19.93	21.0
Channel				630668	633332	636000	Tune-up limit (dB)
Frequency (MHz)				3460.02	3499.98	3549.98	MPR
20	QPSK	1	1	20.05	19.92	20.03	21.0
Channel				630300	633332	636300	Tune-up limit (dB)
Frequency (MHz)				3457.5	3499.98	3552.49	MPR
15	QPSK	1	1	20.07	19.97	19.97	21.0
Channel				630000	633332	636600	Tune-up limit (dB)
Frequency (MHz)				3455.01	3499.98	3554.98	MPR
10	QPSK	1	1	20.03	19.99	19.92	21.0

FR1 n77 HPUE Part 27Q Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332	633332	633332	MPR (dB)
Frequency (MHz)				3499.98	3499.98	3499.98	
100	PI2 BPSK	1	1	22.69	22.69	22.69	
100	PI2 BPSK	1	137	22.68	22.68	22.68	23.0
100	PI2 BPSK	1	271	22.62	22.62	22.62	0.0
100	PI2 BPSK	135	0	22.61	22.61	22.61	22.5
100	PI2 BPSK	135	69	22.60	22.60	22.60	0.0
100	PI2 BPSK	135	138	22.04	22.04	22.04	22.5
100	QPSK	1	1	22.75	22.75	22.75	0.0
100	QPSK	1	137	22.68	22.68	22.68	23.0
100	QPSK	1	271	22.71	22.71	22.71	22.0
100	QPSK	135	0	21.50	21.50	21.50	22.0
100	QPSK	135	69	22.65	22.65	22.65	0.0
100	QPSK	135	138	21.47	21.47	21.47	22.0
100	QPSK	270	0	21.54	21.54	21.54	1.0
100	16QAM	1	1	21.82	21.82	21.82	22.0
100	16QAM	1	1	20.13	20.13	20.13	2.5
100	256QAM	1	1	18.09	18.09	18.09	4.5
Channel				633000	633332	633666	Tune-up limit (dB)
Frequency (MHz)				3495	3499.98	3504.99	MPR
90	QPSK	1	1	22.64	22.57	22.67	23.0
Channel				632668	633332	634000	Tune-up limit (dB)
Frequency (MHz)				3490.02	3499.98	3509.98	MPR
80	QPSK	1	1	22.60	22.57	22.68	23.0
Channel				632334	633332	634332	Tune-up limit (dB)
Frequency (MHz)				3484.01	3499.98	3514.98	MPR
70	QPSK	1	1	22.67	22.69	22.70	23.0
Channel				632000	633332	634666	Tune-up limit (dB)
Frequency (MHz)				3480	3499.98	3519.98	MPR
60	QPSK	1	1	22.61	22.65	22.69	23.0
Channel				631668	633332	635000	Tune-up limit (dB)
Frequency (MHz)				3475.02	3499.98	3525.98	MPR
50	QPSK	1	1	22.57	22.70	22.69	23.0
Channel				631334	633332	635332	Tune-up limit (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	MPR
40	QPSK	1	1	22.63	22.64	22.69	23.0
Channel				631000	633332	635666	Tune-up limit (dB)
Frequency (MHz)				3465	3499.98	3534.99	MPR
30	QPSK	1	1	22.62	22.70	22.65	23.0
Channel				630668	633332	636000	Tune-up limit (dB)
Frequency (MHz)				3460.02	3499.98	3549.98	MPR
20	QPSK	1	1	22.59	22.62	22.65	23.0
Channel				630300	633332	636300	Tune-up limit (dB)
Frequency (MHz)				3457.5	3499.98	3552.49	MPR
15	QPSK	1	1	22.58	22.64	22.58	23.0
Channel				630000	633332	636600	Tune-up limit (dB)
Frequency (MHz)				3455.01	3499.98	3554.98	MPR
10	QPSK	1	1	22.63	22.62	22.60	23.0

FR1 n78 Part 270 Ant 5								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	Plv2 BPSK	1	1	19.31				
100	Plv2 BPSK	1	137	19.39			20.0	0.0
100	Plv2 BPSK	1	271	19.29				
100	Plv2 BPSK	135	0	19.41			20.0	0.0
100	Plv2 BPSK	135	89	19.38			20.0	0.0
100	Plv2 BPSK	135	138	19.33			20.0	0.0
100	Plv2 BPSK	270	0	19.29				
100	QPSK	1	1	19.42				
100	QPSK	1	137	18.79			20.0	0.0
100	QPSK	1	271	18.77				
100	QPSK	135	0	19.26			20.0	0.0
100	QPSK	135	89	19.32			20.0	0.0
100	QPSK	135	138	19.11			20.0	0.0
100	QPSK	270	0	19.10				
100	16QAM	1	1	19.35			20.0	0.0
100	64QAM	1	1	19.74			20.0	0.0
100	256QAM	1	1	17.47			18.0	2.0
Channel				649688	650000	650332	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3754.98	limit	(dB)
90	QPSK	1	1	19.28	19.26	19.28	20.0	0.0
Channel				649334	650000	650666	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3759.99	limit	(dB)
80	QPSK	1	1	19.29	19.37	19.24	20.0	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	19.33	19.28	19.25	20.0	0.0
Channel				648666	650000	651332	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3769.98	limit	(dB)
60	QPSK	1	1	19.25	19.34	19.26	20.0	0.0
Channel				648334	650000	651666	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3774.99	limit	(dB)
50	QPSK	1	1	19.34	19.27	19.30	20.0	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	19.25	19.32	19.33	20.0	0.0
Channel				647666	650000	652332	Tune-up	MPR
Frequency (MHz)				3715.02	3750.00	3784.98	limit	(dB)
30	QPSK	1	1	19.28	19.29	19.35	20.0	0.0
Channel				647334	650000	652666	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3789.99	limit	(dB)
20	QPSK	1	1	19.31	19.38	19.34	20.0	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.48	limit	(dB)
15	QPSK	1	1	19.23	19.30	19.35	20.0	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	19.24	19.29	19.25	20.0	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	Plv2 BPSK	1	1	22.35				
100	Plv2 BPSK	1	137	22.37			23.0	0.0
100	Plv2 BPSK	1	271	22.35				
100	Plv2 BPSK	135	0	21.78			22.5	0.5
100	Plv2 BPSK	135	89	22.40			23.0	0.0
100	Plv2 BPSK	135	138	21.91			22.5	0.5
100	Plv2 BPSK	270	0	22.46				
100	QPSK	1	1	22.41				
100	QPSK	1	137	22.34			23.0	0.0
100	QPSK	1	271	22.27				
100	QPSK	135	0	21.44			22.0	1.0
100	QPSK	135	89	22.43			23.0	0.0
100	QPSK	135	138	21.26			22.0	1.0
100	QPSK	270	0	21.35				
100	16QAM	1	1	21.19			22.0	1.0
100	64QAM	1	1	19.84			20.5	2.5
100	256QAM	1	1	17.85			18.5	4.5
Channel				649688	650000	650332	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3754.98	limit	(dB)
90	QPSK	1	1	22.30	22.41	22.41	23.0	0.0
Channel				649334	650000	650666	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3759.99	limit	(dB)
80	QPSK	1	1	22.30	22.33	22.30	23.0	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	22.30	22.28	22.35	23.0	0.0
Channel				648666	650000	651332	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3769.98	limit	(dB)
60	QPSK	1	1	22.33	22.32	22.29	23.0	0.0
Channel				648334	650000	651666	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3774.99	limit	(dB)
50	QPSK	1	1	22.41	22.29	22.36	23.0	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	22.37	22.29	22.35	23.0	0.0
Channel				647666	650000	652332	Tune-up	MPR
Frequency (MHz)				3715.02	3750.00	3784.98	limit	(dB)
30	QPSK	1	1	22.30	22.31	22.28	23.0	0.0
Channel				647334	650000	652666	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3789.99	limit	(dB)
20	QPSK	1	1	22.40	22.30	22.40	23.0	0.0
Channel				647168	650000	652832	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.48	limit	(dB)
15	QPSK	1	1	22.35	22.27	22.39	23.0	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	22.27	22.39	22.29	23.0	0.0

FR1 n78 Part 27Q Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332	3499.98				
Frequency (MHz)					19.84				
100	Plv2 BPSK	1	1			20.00	21.0	0.0	
100	Plv2 BPSK	1	137			20.01			
100	Plv2 BPSK	135	0			19.89	21.0	0.0	
100	Plv2 BPSK	135	89			19.95	21.0	0.0	
100	Plv2 BPSK	135	138			19.68	21.0	0.0	
100	Plv2 BPSK	270	0			19.88			
100	QPSK	1	1			20.05			
100	QPSK	1	137			19.93	21.0	0.0	
100	QPSK	1	271			19.93			
100	QPSK	135	0			19.85	21.0	0.0	
100	QPSK	135	89			19.87	21.0	0.0	
100	QPSK	135	138			19.83	21.0	0.0	
100	QPSK	270	0			19.85			
100	16QAM	1	1			19.83	21.0	0.0	
100	16QAM	1	1			20.04	21.0	0.0	
100	256QAM	1	1			17.49	19.0	2.0	
Channel				633000	633332	633666	Tune-up	MPR	
Frequency (MHz)				3495	3499.98	3504.98	lim.	(dB)	
90	QPSK	1	1	19.99	19.90	19.91	21.0	0.0	
Channel				632668	633332	634000	Tune-up	MPR	
Frequency (MHz)				3490.00	3499.98	3500	lim.	(dB)	
80	QPSK	1	1	20.01	19.98	19.87	21.0	0.0	
Channel				632334	633332	634332	Tune-up	MPR	
Frequency (MHz)				3485.01	3499.98	3514.98	lim.	(dB)	
70	QPSK	1	1	19.95	19.98	19.89	21.0	0.0	
Channel				632000	633332	634666	Tune-up	MPR	
Frequency (MHz)				3490	3499.98	3519.98	lim.	(dB)	
60	QPSK	1	1	19.98	19.93	19.94	21.0	0.0	
Channel				631666	633332	635000	Tune-up	MPR	
Frequency (MHz)				3475.00	3499.98	3525	lim.	(dB)	
50	QPSK	1	1	20.00	19.94	19.90	21.0	0.0	
Channel				631334	633332	635332	Tune-up	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	lim.	(dB)	
40	QPSK	1	1	19.91	19.93	19.98	21.0	0.0	
Channel				631000	633332	635666	Tune-up	MPR	
Frequency (MHz)				3465	3499.98	3534.98	lim.	(dB)	
30	QPSK	1	1	20.01	19.95	19.97	21.0	0.0	
Channel				630666	633332	636000	Tune-up	MPR	
Frequency (MHz)				3460.02	3499.98	3540	lim.	(dB)	
20	QPSK	1	1	19.86	19.89	20.00	21.0	0.0	
Channel				630330	633332	636166	Tune-up	MPR	
Frequency (MHz)				3457.5	3499.98	3562.49	lim.	(dB)	
15	QPSK	1	1	20.01	19.94	19.91	21.0	0.0	
Channel				630334	633332	636332	Tune-up	MPR	
Frequency (MHz)				3455.01	3499.98	3564.98	lim.	(dB)	
10	QPSK	1	1	20.01	19.87	19.94	21.0	0.0	

FR1 n78_HPUE Part 27Q Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332		3499.98			
Frequency (MHz)						22.33			
100	Plv2 BPSK	1	1			22.46	23.0	0.0	
100	Plv2 BPSK	1	137			22.43			
100	Plv2 BPSK	1	271			21.87	22.5	0.5	
100	Plv2 BPSK	135	0			22.49	23.0	0.0	
100	Plv2 BPSK	135	138			21.84	22.5	0.5	
100	Plv2 BPSK	270	0			22.47			
100	QPSK	1	1			22.55	23.0	0.0	
100	QPSK	1	137			22.51			
100	QPSK	1	271			22.51	22.0	1.0	
100	QPSK	135	0			22.42	23.0	0.0	
100	QPSK	135	69			21.36	22.0	1.0	
100	QPSK	135	138			21.35			
100	QPSK	270	0			21.35			
100	16QAM	1	1			21.58	22.0	1.0	
100	16QAM	1	1			20.09	20.5	2.5	
100	256QAM	1	1			17.98	18.5	4.5	
Channel				633000	633332	633666	Tune-up	MPR	
Frequency (MHz)				3495	3499.98	3504.98	lim.	(dB)	
90	QPSK	1	1	22.51	22.47	22.42	23.0	0.0	
Channel				632668	633332	634000	Tune-up	MPR	
Frequency (MHz)				3490.00	3499.98	3500	lim.	(dB)	
80	QPSK	1	1	22.49	22.44	22.35	23.0	0.0	
Channel				632334	633332	634332	Tune-up	MPR	
Frequency (MHz)				3485.01	3499.98	3514.98	lim.	(dB)	
70	QPSK	1	1	22.38	22.40	22.49	23.0	0.0	
Channel				632000	633332	634666	Tune-up	MPR	
Frequency (MHz)				3490	3499.98	3519.98	lim.	(dB)	
60	QPSK	1	1	22.43	22.41	22.50	23.0	0.0	
Channel				631666	633332	635000	Tune-up	MPR	
Frequency (MHz)				3475.00	3499.98	3525	lim.	(dB)	
50	QPSK	1	1	22.46	22.37	22.42	23.0	0.0	
Channel				631334	633332	635332	Tune-up	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	lim.	(dB)	
40	QPSK	1	1	22.44	22.50	22.40	23.0	0.0	
Channel				631000	633332	635666	Tune-up	MPR	
Frequency (MHz)				3465	3499.98	3534.98	lim.	(dB)	
30	QPSK	1	1	22.50	22.50	22.36	23.0	0.0	
Channel				630666	633332	636000	Tune-up	MPR	
Frequency (MHz)				3460.02	3499.98	3540	lim.	(dB)	
20	QPSK	1	1	22.47	22.42	22.42	23.0	0.0	
Channel				630330	633332	636166	Tune-up	MPR	
Frequency (MHz)				3457.5	3499.98	3562.49	lim.	(dB)	
15	QPSK	1	1	22.38	22.43	22.42	23.0	0.0	
Channel				630334	633332	636332	Tune-up	MPR	
Frequency (MHz)				3455.01	3499.98	3564.98	lim.	(dB)	
10	QPSK	1	1	22.45	22.39	22.38	23.0	0.0	

FR1 n2 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power		Power		Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq. 372000	Middle Ch. / Freq. 376000	High Ch. / Freq. 380000	1000		
Channel									
Frequency (MHz)									
20	PI/2 BPSK	1	1	22.90	22.91	22.87		24.0	0.0
20	PI/2 BPSK	1	53	22.85	22.68	22.57			
20	PI/2 BPSK	1	104	22.76	22.79	22.69			
20	PI/2 BPSK	50	0	22.64	22.81	22.82	24.0	0.0	
20	PI/2 BPSK	50	28	22.64	22.92	22.82	24.0	0.0	
20	PI/2 BPSK	50	56	22.80	22.90	22.80	24.0	0.0	
20	PI/2 BPSK	100	0	22.75	22.85	22.92	24.0	0.0	
20	QPSK	1	1	22.97	23.04	23.02			
20	QPSK	1	53	22.87	22.89	22.75	24.0	0.0	
20	QPSK	1	104	22.85	22.88	22.82			
20	QPSK	50	0	22.85	22.88	22.92	24.0	0.0	
20	QPSK	50	28	22.86	22.92	22.90	24.0	0.0	
20	QPSK	50	56	22.86	22.91	22.82			
20	QPSK	100	0	22.76	22.85	22.92	24.0	0.0	
20	16QAM	1	1	22.92	23.02	23.01	24.0	0.0	
20	64QAM	1	1	21.55	21.72	21.70	22.5	1.5	
20	256QAM	1	1	19.64	19.70	19.66	20.5	3.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.93	22.98	23.02	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.76	22.88	22.83	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.83	22.89	22.81	24.0	0.0	

Reduced Power Mode for Receiver on								
FR1 n7 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)
				Low Ch. Freq. 504000	Middle Ch. Freq. 507000	High Ch. Freq. 510000		
Channel								
Frequency (MHz)								
40	PI/2 BPSK	1	1	22.55	22.72	22.75	24.0	0.0
40	PI/2 BPSK	1	108	22.44	22.77	22.69		
40	PI/2 BPSK	1	214	22.72	22.62	22.53		
40	PI/2 BPSK	108	0	22.73	22.70	22.61	24.0	0.0
40	PI/2 BPSK	108	54	22.45	22.67	22.52	24.0	0.0
40	PI/2 BPSK	108	108	22.33	22.82	22.81	24.0	0.0
40	PI/2 BPSK	216	0	22.58	22.75	22.61	24.0	0.0
40	QPSK	1	1	22.73	22.84	22.81	24.0	0.0
40	QPSK	1	108	22.61	22.78	22.69		
40	QPSK	1	214	22.72	22.76	22.58		
40	QPSK	108	0	22.73	22.70	22.60	24.0	0.0
40	QPSK	108	54	22.55	22.83	22.52	24.0	0.0
40	QPSK	108	108	22.52	22.79	22.70	24.0	0.0
40	QPSK	216	0	22.56	22.81	22.67	24.0	0.0
40	16QAM	1	1	22.66	22.67	22.62	24.0	0.0
40	64QAM	1	1	21.32	21.31	21.31	22.5	1.5
40	256QAM	1	1	19.22	19.28	19.22	20.5	3.5
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.72	22.79	22.77	24.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	22.59	22.67	22.71	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.52	22.66	22.75	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.58	22.79	22.69	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.59	22.68	22.60	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.61	22.75	22.71	24.0	0.0

FR1 n25 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low 374000	Power Middle 376500	Power High 379000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI/2 BPSK	1	1	22.96	22.97	22.74	24.0	0.0
40	PI/2 BPSK	1	108	22.87	22.80	22.65	24.0	0.0
40	PI/2 BPSK	1	214	22.75	22.82	22.79	24.0	0.0
40	PI/2 BPSK	108	0	22.82	22.87	22.76	24.0	0.0
40	PI/2 BPSK	108	54	22.80	22.80	22.79	24.0	0.0
40	PI/2 BPSK	108	108	22.74	22.69	22.80	24.0	0.0
40	PI/2 BPSK	216	0	22.67	22.88	22.65	24.0	0.0
40	QPSK	1	1	22.97	23.02	22.95	24.0	0.0
40	QPSK	1	108	22.95	22.86	22.81	24.0	0.0
40	QPSK	1	214	22.84	22.81	22.78	24.0	0.0
40	QPSK	108	0	22.80	22.94	22.80	24.0	0.0
40	QPSK	108	54	22.88	22.95	22.83	24.0	0.0
40	QPSK	108	108	22.93	22.81	22.84	24.0	0.0
40	QPSK	216	0	22.76	22.99	22.78	24.0	0.0
40	16QAM	1	1	22.95	22.78	22.77	24.0	0.0
40	64QAM	1	1	21.41	21.48	21.20	22.5	1.5
40	256QAM	1	1	19.54	19.42	19.27	20.5	3.5
Channel								
Frequency (MHz)								
35	QPSK	1	1	22.90	22.89	22.94	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.76	22.98	22.74	24.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	22.81	22.99	22.94	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.94	22.87	22.95	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.95	23.01	22.84	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.98	22.91	22.74	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.89	22.94	22.87	24.0	0.0

FR1 n30 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				2310				
Frequency (MHz)				22.62				
10	PI/2 BPSK	1	1	22.62			24.0	0.0
10	PI/2 BPSK	1	26	22.62				
10	PI/2 BPSK	1	50	22.56				
10	PI/2 BPSK	25	0	22.80			24.0	0.0
10	PI/2 BPSK	25	14	22.70			24.0	0.0
10	PI/2 BPSK	25	27	22.51			24.0	0.0
10	PI/2 BPSK	50	0	22.66				
10	QPSK	1	1	22.63				
10	QPSK	1	26	22.65			24.0	0.0
10	QPSK	1	50	22.76				
10	QPSK	25	0	22.75			24.0	0.0
10	QPSK	25	14	22.81			24.0	0.0
10	QPSK	25	27	22.69			24.0	0.0
10	QPSK	50	0	22.72				
10	16QAM	1	1	22.78			24.0	0.0
10	64QAM	1	1	21.52			22.5	1.5
10	256QAM	1	1	19.35			20.5	3.5
Channel				461500	462000	462500	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	22.79	22.75	22.77	24.0	0.0

FR1 n66 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000				
Frequency (MHz)				23.01	23.01	23.01		
40	PI/2 BPSK	1	1	23.13	22.97	23.01		
40	PI/2 BPSK	1	108	22.77	22.79	22.80	24.0	0.0
40	PI/2 BPSK	1	214	22.61	22.81	22.77		
40	PI/2 BPSK	108	0	23.06	22.84	22.82	24.0	0.0
40	PI/2 BPSK	108	54	22.69	22.84	22.82		
40	PI/2 BPSK	108	108	22.53	22.75	22.52	24.0	0.0
40	PI/2 BPSK	216	0	22.58	22.75	22.50		
40	QPSK	1	1	23.12	23.15	23.11		
40	QPSK	1	108	22.84	23.00	22.79	24.0	0.0
40	QPSK	1	214	22.81	22.93	22.88		
40	QPSK	108	0	23.11	23.13	22.97	24.0	0.0
40	QPSK	108	54	22.96	23.15	22.84	24.0	0.0
40	QPSK	108	108	22.74	22.88	22.66	24.0	0.0
40	QPSK	216	0	22.64	22.73	22.59		
40	16QAM	1	1	22.91	23.11	22.97	24.0	0.0
40	64QAM	1	1	21.84	21.88	21.85	22.5	1.5
40	256QAM	1	1	19.87	20.06	20.05	20.5	3.5
Channel				345500	346000	346500	Tune-up limit	MPR
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.14	23.01	22.96	24.0	0.0
Channel				345000	346000	346000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.02	23.04	22.92	24.0	0.0
Channel				344500	346000	346500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.02	23.01	22.89	24.0	0.0
Channel				344000	346000	346000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1760		
20	QPSK	1	1	23.13	23.10	23.07	24.0	0.0
Channel				343500	346000	346500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.63	22.69	23.03	24.0	0.0
Channel				343000	346000	346500	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.04	23.04	23.00	24.0	0.0
Channel				342500	346000	346500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.07	22.97	23.09	24.0	0.0

FR1 n2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1850	1880	1900		
Frequency (MHz)								
20	PI/2 BPSK	1	1	19.72	19.85	19.76		
20	PI/2 BPSK	1	53	19.74	19.88	19.82	21.5	0.0
20	PI/2 BPSK	1	104	19.80	19.76	19.73		
20	PI/2 BPSK	50	0	19.87	19.92	19.88	21.5	0.0
20	PI/2 BPSK	50	28	19.89	19.88	19.75	21.5	0.0
20	PI/2 BPSK	50	56	19.86	19.73	19.74		
20	PI/2 BPSK	100	0	19.73	19.79	19.84	21.5	0.0
20	QPSK	1	1	19.94	20.01	19.97		
20	QPSK	1	53	19.77	19.75	19.71	21.5	0.0
20	QPSK	1	104	19.72	19.81	19.92		
20	QPSK	50	0	19.78	19.84	19.82	21.5	0.0
20	QPSK	50	28	19.82	19.98	19.90	21.5	0.0
20	QPSK	50	56	19.81	19.75	19.88		
20	QPSK	100	0	19.89	19.96	19.94	21.5	0.0
20	16QAM	1	1	19.74	19.88	19.78	21.5	0.0
20	64QAM	1	1	19.76	19.93	19.83	21.5	0.0
20	256QAM	1	1	19.89	19.18	19.02	20.5	1.0
Channel				371500	371000	380500	Tune-up	MPR
Frequency (MHz)				1857.5	1880	1902.5	limit	(dB)
15	QPSK	1	1	19.81	19.97	19.88	21.5	0.0
Channel				371600	370500	381000	Tune-up	MPR
Frequency (MHz)				1855	1880	1905	limit	(dB)
10	QPSK	1	1	19.83	19.84	19.84	21.5	0.0
Channel				370500	376000	381500	Tune-up	MPR
Frequency (MHz)				1852.5	1880	1907.5	limit	(dB)
5	QPSK	1	1	19.79	19.81	19.82	21.5	0.0

FR1 n5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				834	836.5	839		
Frequency (MHz)								
20	PI/2 BPSK	1	1	21.30	21.29	21.33		
20	PI/2 BPSK	1	53	21.34	21.27	21.15	22.0	0.0
20	PI/2 BPSK	1	104	21.10	21.21	21.29		
20	PI/2 BPSK	50	0	21.34	21.32	21.27	22.0	0.0
20	PI/2 BPSK	50	28	21.18	21.09	21.19	22.0	0.0
20	PI/2 BPSK	50	56	21.28	21.13	21.16		
20	PI/2 BPSK	100	0	21.26	21.22	21.17	22.0	0.0
20	QPSK	1	1	21.34	21.42	21.38		
20	QPSK	1	53	21.28	21.28	21.21	22.0	0.0
20	QPSK	1	104	21.31	21.17	21.30		
20	QPSK	50	0	21.17	21.10	21.32	22.0	0.0
20	QPSK	50	28	21.39	21.41	21.30	22.0	0.0
20	QPSK	50	56	21.09	21.27	21.13		
20	QPSK	100	0	21.31	21.36	21.23	22.0	0.0
20	16QAM	1	1	21.33	21.14	21.28	22.0	0.0
20	64QAM	1	1	21.30	21.10	21.13	22.0	0.0
20	256QAM	1	1	19.95	20.08	20.01	20.5	1.5
Channel				163300	163800	163300	Tune-up	MPR
Frequency (MHz)				831.5	836.5	841.5	limit	(dB)
15	QPSK	1	1	21.15	21.38	21.22	22.0	0.0
Channel				163800	161300	165800	Tune-up	MPR
Frequency (MHz)				839	836.5	844	limit	(dB)
10	QPSK	1	1	21.17	21.30	21.32	22.0	0.0
Channel				165300	167300	169300	Tune-up	MPR
Frequency (MHz)				824.5	836.5	848.5	limit	(dB)
5	QPSK	1	1	21.25	21.31	21.30	22.0	0.0

FR1 n7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				2530	2535	2550		
Frequency (MHz)								
40	PI/2 BPSK	1	1	13.89	13.74	13.74		
40	PI/2 BPSK	1	108	13.72	13.86	13.75	15.0	0.0
40	PI/2 BPSK	1	214	13.83	13.79	13.74		
40	PI/2 BPSK	108	0	13.79	13.70	13.88	15.0	0.0
40	PI/2 BPSK	108	54	13.83	13.71	13.78	15.0	0.0
40	PI/2 BPSK	108	108	13.92	13.73	13.89		
40	PI/2 BPSK	216	0	13.94	13.83	13.95	15.0	0.0
40	QPSK	1	1	13.97	14.07	13.94		
40	QPSK	1	108	13.76	13.86	13.88	15.0	0.0
40	QPSK	1	214	13.73	13.83	13.80		
40	QPSK	108	0	13.71	13.75	13.81	15.0	0.0
40	QPSK	108	54	13.82	14.05	13.92	15.0	0.0
40	QPSK	108	108	13.78	13.85	13.94		
40	QPSK	216	0	13.75	14.01	13.91	15.0	0.0
40	16QAM	1	1	13.85	13.74	13.93	15.0	0.0
40	64QAM	1	1	13.77	13.84	13.92	15.0	0.0
40	256QAM	1	1	13.72	13.75	13.79	15.0	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	13.82	13.90	13.75	15.0	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	13.91	13.94	13.88	15.0	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2550	limit	(dB)
20	QPSK	1	1	13.91	13.99	13.75	15.0	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	13.83	13.99	13.82	15.0	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	13.88	13.90	13.75	15.0	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	13.78	13.88	13.88	15.0	0.0

FR1 n12 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 141300	Power Middle Ch. / Freq. 141500	Power High Ch. / Freq. 141700	Tune-up limit (dbm)	MPR (db)	
Channel				705.5	707.5	709.5			
Frequency (MHz)									
15	PI/2 BPSK	1	1	23.08	23.15	23.12			
15	PI/2 BPSK	1	40	22.79	23.02	23.05	24.0	0.0	
15	PI/2 BPSK	1	77	23.25	23.20	23.33			
15	PI/2 BPSK	36	0	23.12	22.93	23.03	24.0	0.0	
15	PI/2 BPSK	36	22	22.85	22.90	23.00	24.0	0.0	
15	PI/2 BPSK	36	43	22.93	22.97	23.10			
15	PI/2 BPSK	75	0	23.30	23.25	22.98	24.0	0.0	
15	QPSK	1	1	23.31	23.39	23.24			
15	QPSK	1	40	23.07	23.20	23.13	24.0	0.0	
15	QPSK	1	77	23.09	23.13	22.96			
15	QPSK	36	0	23.03	23.18	23.18	24.0	0.0	
15	QPSK	36	22	22.91	23.19	23.10	24.0	0.0	
15	QPSK	36	43	22.97	23.07	23.09			
15	QPSK	75	0	23.25	23.27	22.97	24.0	0.0	
15	16QAM	1	1	23.30	23.29	23.10	24.0	0.0	
15	64QAM	1	1	22.01	21.87	21.82	22.5	1.5	
15	256QAM	1	1	19.81	20.00	19.82	20.5	3.5	
Channel				140800	141500	142200	Tune-up	MPR	
Frequency (MHz)				704	707.5	711	limit	(db)	
10	QPSK	1	1	23.13	23.31	23.08	24.0	0.0	
Channel				140300	141500	142700	Tune-up	MPR	
Frequency (MHz)				701.5	707.5	713.5	limit	(db)	
5	QPSK	1	1	23.12	23.28	23.23	24.0	0.0	

FR1 n13 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq. 156400	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				759					
Frequency (MHz)									
10	PI/2 BPSK	1	1		23.00				
10	PI/2 BPSK	1	26		23.07		24.0	0.0	
10	PI/2 BPSK	1	50		22.98				
10	PI/2 BPSK	25	0		22.97		24.0	0.0	
10	PI/2 BPSK	25	14		22.87		24.0	0.0	
10	PI/2 BPSK	25	27		22.82		24.0	0.0	
10	PI/2 BPSK	50	0		22.98				
10	QPSK	1	1		23.12				
10	QPSK	1	26		23.11		24.0	0.0	
10	QPSK	1	50		23.09				
10	QPSK	25	0		23.00		24.0	0.0	
10	QPSK	25	14		23.05		24.0	0.0	
10	QPSK	25	27		23.03		24.0	0.0	
10	QPSK	50	0		23.10				
10	16QAM	1	1		23.11		24.0	0.0	
10	64QAM	1	1		21.85		22.5	1.5	
10	256QAM	1	1		19.82		20.5	3.5	
Channel				155900	156400	156900	Tune-up	MPR	
Frequency (MHz)				779.5	782	784.5	limit	(dB)	
5	QPSK	1	1	23.07	22.91	22.92	24.0	0.0	

FR1 n14 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq 158600	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				793					
Frequency (Mhz)									
10	PI/2 BPSK	1	1		23.13		24.0	0.0	
10	PI/2 BPSK	1	26		23.09				
10	PI/2 BPSK	1	50		23.02				
10	PI/2 BPSK	25	0		23.18		24.0	0.0	
10	PI/2 BPSK	25	14		23.18		24.0	0.0	
10	PI/2 BPSK	25	27		23.15		24.0	0.0	
10	PI/2 BPSK	50	0		23.08				
10	QPSK	1	1		23.31		24.0	0.0	
10	QPSK	1	26		23.30				
10	QPSK	1	50		23.22				
10	QPSK	25	0		23.21		24.0	0.0	
10	QPSK	25	14		23.27		24.0	0.0	
10	QPSK	25	27		23.24		24.0	0.0	
10	QPSK	50	0		23.30				
10	16QAM	1	1		23.29		24.0	0.0	
10	64QAM	1	1		21.88		22.5	1.5	
10	256QAM	1	1		19.76		20.5	3.5	
Channel				158100	158600	159100	Tune-up	MPR	
Frequency (MHz)				790.5	793	795.5	limit	(db)	
5	QPSK	1	1	23.30	23.14	23.23	24.0	0.0	

FR1 n25 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1870	1882.5	1895			
Frequency (MHz)									
40	PI/2 BPSK	1	1	19.87	19.94	19.81			
40	PI/2 BPSK	1	108	19.77	19.99	19.84	21.5	0.0	
40	PI/2 BPSK	1	214	19.82	19.84	19.99			
40	PI/2 BPSK	108	0	19.86	19.90	19.89	21.5	0.0	
40	PI/2 BPSK	108	54	19.79	19.83	20.01	21.5	0.0	
40	PI/2 BPSK	108	108	19.90	19.82	19.86			
40	PI/2 BPSK	216	0	19.98	19.85	19.98	21.5	0.0	
40	QPSK	1	1	19.99	20.03	20.01			
40	QPSK	1	108	19.87	19.96	19.90	21.5	0.0	
40	QPSK	1	214	19.81	19.90	19.76			
40	QPSK	108	0	19.82	19.86	19.88	21.5	0.0	
40	QPSK	108	54	19.83	19.98	19.89	21.5	0.0	
40	QPSK	108	108	19.81	19.84	19.81			
40	QPSK	216	0	19.88	19.95	19.93	21.5	0.0	
40	16QAM	1	1	20.02	19.97	19.91	21.5	0.0	
40	64QAM	1	1	19.83	19.95	19.88	21.5	0.0	
40	256QAM	1	1	18.99	19.08	18.87	20.5	1.0	
Channel				373500	376500	379500	Tune-up	MPR	
Frequency (MHz)				1870.5	1882.5	1897.5	limit		
35	QPSK	1	1	19.87	19.84	19.92	21.5	0.0	
Channel				373000	376500	380000	Tune-up	MPR	
Frequency (MHz)				1870.3	1882.5	1902.5	limit		
30	QPSK	1	1	19.93	19.90	19.83	21.5	0.0	
Channel				372500	376500	380500	Tune-up	MPR	
Frequency (MHz)				1870.2	1882.5	1902.5	limit		
25	QPSK	1	1	19.91	19.91	19.95	21.5	0.0	
Channel				372000	376500	381000	Tune-up	MPR	
Frequency (MHz)				1870.0	1882.5	1905	limit		
20	QPSK	1	1	19.93	19.94	19.96	21.5	0.0	
Channel				371500	376500	381500	Tune-up	MPR	
Frequency (MHz)				1869.5	1882.5	1907.5	limit		
15	QPSK	1	1	19.92	19.95	19.92	21.5	0.0	
Channel				371000	376500	382000	Tune-up	MPR	
Frequency (MHz)				1869.3	1882.5	1910	limit		
10	QPSK	1	1	19.92	19.88	19.89	21.5	0.0	
Channel				370500	376500	382500	Tune-up	MPR	
Frequency (MHz)				1869.2	1882.5	1912.5	limit		
5	QPSK	1	1	19.93	19.94	19.91	21.5	0.0	

FR1 n26 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)									
20	PI/2 BPSK	1	1	21.31	21.39	21.42			
20	PI/2 BPSK	1	53	21.32	21.44	21.23	22.0	0.0	
20	PI/2 BPSK	1	104	21.25	21.41	21.40			
20	PI/2 BPSK	50	0	21.39	21.37	21.24	22.0	0.0	
20	PI/2 BPSK	50	28	21.30	21.38	21.39	22.0	0.0	
20	PI/2 BPSK	50	56	21.39	21.21	21.41			
20	PI/2 BPSK	100	0	21.21	21.20	21.43	22.0	0.0	
20	QPSK	1	1	21.38	21.46	21.37			
20	QPSK	1	53	21.25	21.26	21.39	22.0	0.0	
20	QPSK	1	104	21.19	21.41	21.45			
20	QPSK	50	0	21.34	21.38	21.22	22.0	0.0	
20	QPSK	50	28	21.41	21.43	21.32	22.0	0.0	
20	QPSK	50	56	21.31	21.40	21.29			
20	QPSK	100	0	21.30	21.39	21.31	22.0	0.0	
20	16QAM	1	1	21.24	21.34	21.38	22.0	0.0	
20	64QAM	1	1	21.24	21.29	21.22	22.0	0.0	
20	256QAM	1	1	19.86	19.91	19.70	20.5	1.5	
Channel				164300	166300	168300		MPR	
Frequency (MHz)									
15	QPSK	1	1	21.27	21.31	21.19	22.0	0.0	
Channel				163800	166300	168800		MPR	
Frequency (MHz)									
10	QPSK	1	1	21.16	21.28	21.19	22.0	0.0	
Channel				163300	166300	169300		MPR	
Frequency (MHz)									
5	QPSK	1	1	21.18	21.37	21.33	22.0	0.0	

FR1 n30 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2310	462000				
Frequency (MHz)									
10	PI/2 BPSK	1	1		17.90				
10	PI/2 BPSK	1	26		18.00		19.0	0.0	
10	PI/2 BPSK	1	50		17.89				
10	PI/2 BPSK	25	0		18.10		19.0	0.0	
10	PI/2 BPSK	25	14		17.93		19.0	0.0	
10	PI/2 BPSK	25	27		18.07		19.0	0.0	
10	PI/2 BPSK	50	0		18.02				
10	QPSK	1	1		18.22				
10	QPSK	1	26		17.90		19.0	0.0	
10	QPSK	1	50		17.84				
10	QPSK	25	0		17.98		19.0	0.0	
10	QPSK	25	14		18.20		19.0	0.0	
10	QPSK	25	27		18.12		19.0	0.0	
10	QPSK	50	0		18.16		19.0	0.0	
10	16QAM	1	1		18.01		19.0	0.0	
10	64QAM	1	1		18.02		19.0	0.0	
10	256QAM	1	1		17.98		19.0	0.0	
Channel				461500	462000	462500			
Frequency (MHz)									
5	QPSK	1	1	18.07	18.11	18.17	Tune-up limit	19.0	

FR1 n66 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq. 346000	Middle Ch. / Freq. 349000	Power High Ch. / Freq. 355000			
Channel									
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	22.03	22.08	22.03			
40	PI/2 BPSK	1	108	22.01	22.09	22.07	24.0	0.0	
40	PI/2 BPSK	1	214	22.32	22.39	22.36			
40	PI/2 BPSK	108	0	22.20	22.23	22.18	24.0	0.0	
40	PI/2 BPSK	108	54	22.09	22.11	22.12	24.0	0.0	
40	PI/2 BPSK	108	108	22.11	22.32	22.33	24.0	0.0	
40	QPSK	1	1	22.37	22.24	22.29			
40	QPSK	1	108	22.44	22.45	22.24			
40	QPSK	1	214	22.02	22.15	22.05	24.0	0.0	
40	QPSK	108	0	22.27	22.24	22.37	24.0	0.0	
40	QPSK	108	54	22.25	22.35	22.25	24.0	0.0	
40	QPSK	108	108	22.12	22.22	22.13	24.0	0.0	
40	QPSK	216	0	22.26	22.32	22.28			
40	16QAM	1	1	22.35	22.44	22.41	24.0	0.0	
40	64QAM	1	1	21.06	21.11	21.02	22.5	1.5	
40	256QAM	1	1	19.08	19.23	19.18	20.5	3.5	
Channel				345500	349000	352500	Tune-up	MPR	
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)	
35	QPSK	1	1	22.23	22.40	22.05	24.0	0.0	
Channel				345000	349000	353000	Tune-up	MPR	
Frequency (MHz)				1725	1745	1765	limit	(dB)	
30	QPSK	1	1	22.44	22.25	22.07	24.0	0.0	
Channel				344500	349000	353500	Tune-up	MPR	
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)	
25	QPSK	1	1	22.30	22.37	22.15	24.0	0.0	
Channel				344000	349000	354000	Tune-up	MPR	
Frequency (MHz)				1720	1745	1770	limit	(dB)	
20	QPSK	1	1	22.30	22.26	22.07	24.0	0.0	
Channel				343500	349000	354500	Tune-up	MPR	
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)	
15	QPSK	1	1	22.36	22.26	22.21	24.0	0.0	
Channel				343000	349000	355000	Tune-up	MPR	
Frequency (MHz)				1715	1745	1775	limit	(dB)	
10	QPSK	1	1	22.43	22.25	22.21	24.0	0.0	
Channel				342500	349000	355500	Tune-up	MPR	
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)	
5	QPSK	1	1	22.22	22.43	22.16	24.0	0.0	

FR1 n71 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq. 134600	Middle Ch. / Freq. 136100	High Ch. / Freq. 137600			
Channel				673	680.5	688			
Frequency (MHz)									
20	PI/2 BPSK	1	1	22.88	22.92	23.03			
20	PI/2 BPSK	1	53	22.49	22.75	22.84	24.0	0.0	
20	PI/2 BPSK	1	104	22.97	22.94	23.12			
20	PI/2 BPSK	50	0	22.82	22.77	22.81	24.0	0.0	
20	PI/2 BPSK	50	28	22.54	22.81	22.74	24.0	0.0	
20	PI/2 BPSK	50	56	22.82	22.74	22.89	24.0	0.0	
20	PI/2 BPSK	100	0	23.04	22.96	22.92			
20	QPSK	1	1	23.17	23.22	23.18			
20	QPSK	1	53	23.07	23.01	23.10	24.0	0.0	
20	QPSK	1	104	23.10	22.82	22.81			
20	QPSK	50	0	23.04	23.05	23.10	24.0	0.0	
20	QPSK	50	28	22.81	23.12	22.81	24.0	0.0	
20	QPSK	50	56	22.78	23.07	23.00	24.0	0.0	
20	QPSK	100	0	23.14	23.15	22.97			
20	16QAM	1	1	23.17	23.21	22.99	24.0	0.0	
20	64QAM	1	1	22.02	21.82	21.71	22.5	1.5	
20	256QAM	1	1	19.68	20.08	19.68	20.5	3.5	
Channel				134100	135100	136100	Tune-up	MPR	
Frequency (MHz)				670.5	680.5	690.5	limit	(dB)	
15	QPSK	1	1	23.00	23.08	23.03	24.0	0.0	
Channel				133500	135100	136600	Tune-up	MPR	
Frequency (MHz)				665	680.5	695	limit	(dB)	
10	QPSK	1	1	22.99	22.94	23.09	24.0	0.0	
Channel				133100	136100	139100	Tune-up	MPR	
Frequency (MHz)				665.5	680.5	695.5	limit	(dB)	
5	QPSK	1	1	22.92	23.04	23.06	24.0	0.0	

FR1 n30 Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				462000			24.0	0.0
Frequency (MHz)				2310				
10	PI/2 BPSK	1	1	23.01				
10	PI/2 BPSK	1	26	22.79				
10	PI/2 BPSK	1	50	22.84				
10	PI/2 BPSK	25	0	22.87			24.0	0.0
10	PI/2 BPSK	25	14	22.86			24.0	0.0
10	PI/2 BPSK	25	27	22.70			24.0	0.0
10	PI/2 BPSK	50	0	22.77				
10	QPSK	1	1	23.08			24.0	0.0
10	QPSK	1	26	22.94				
10	QPSK	1	50	23.05				
10	QPSK	25	0	22.87			24.0	0.0
10	QPSK	25	14	22.87			24.0	0.0
10	QPSK	25	27	22.87			24.0	0.0
10	QPSK	50	0	22.92				
10	16QAM	1	1	23.05			24.0	0.0
10	64QAM	1	1	21.79			22.5	1.5
10	256QAM	1	1	19.55			20.5	3.5
Channel				461500	462000	462500	Tune-up limit	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	22.98	23.00	23.07	24.0	0.0

FR1 n2 Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	PI/2 BPSK	1	1	18.10	18.21	18.07		
20	PI/2 BPSK	1	53	18.06	18.08	18.07	19.0	0.0
20	PI/2 BPSK	1	104	18.04	18.08	18.20		
20	PI/2 BPSK	50	0	18.12	18.19	18.04	19.0	0.0
20	PI/2 BPSK	50	28	18.04	18.18	18.07	19.0	0.0
20	PI/2 BPSK	50	56	18.19	18.15	18.11		
20	PI/2 BPSK	100	0	18.05	18.15	18.01	19.0	0.0
20	QPSK	1	1	18.24	18.28	18.22		
20	QPSK	1	53	18.05	18.06	18.15	19.0	0.0
20	QPSK	1	104	18.06	18.02	18.16		
20	QPSK	50	0	18.12	18.06	18.15	19.0	0.0
20	QPSK	50	28	18.19	18.23	18.17	19.0	0.0
20	QPSK	50	56	18.09	18.19	18.14		
20	QPSK	100	0	18.04	18.16	18.12	19.0	0.0
20	16QAM	1	1	18.21	18.20	18.02	19.0	0.0
20	64QAM	1	1	18.20	18.17	18.02	19.0	0.0
20	256QAM	1	1	18.18	18.11	18.08	19.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	18.17	18.14	18.12	19.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	18.12	18.11	18.05	19.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	18.11	18.15	18.13	19.0	0.0

FR1 n25 Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI/2 BPSK	1	1	18.30	18.34	18.37		
40	PI/2 BPSK	1	108	18.44	18.48	18.29	19.0	0.0
40	PI/2 BPSK	1	214	18.41	18.34	18.25		
40	PI/2 BPSK	108	0	18.34	18.28	18.28	19.0	0.0
40	PI/2 BPSK	108	54	18.37	18.31	18.31	19.0	0.0
40	PI/2 BPSK	108	108	18.37	18.33	18.34		
40	PI/2 BPSK	216	0	18.35	18.47	18.33	19.0	0.0
40	QPSK	1	1	18.46	18.49	18.41		
40	QPSK	1	108	18.46	18.43	18.32	19.0	0.0
40	QPSK	1	214	18.43	18.31	18.46		
40	QPSK	108	0	18.43	18.43	18.40	19.0	0.0
40	QPSK	108	54	18.37	18.47	18.43	19.0	0.0
40	QPSK	108	108	18.24	18.26	18.40	19.0	0.0
40	QPSK	216	0	18.36	18.40	18.27		
40	16QAM	1	1	18.48	18.43	18.44	19.0	0.0
40	64QAM	1	1	18.44	18.40	18.36	19.0	0.0
40	256QAM	1	1	18.31	18.45	18.37	19.0	0.0
Channel								
Frequency (MHz)								
35	QPSK	1	1	18.42	18.40	18.24	19.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.37	18.38	18.37	19.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	18.42	18.34	18.22	19.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.29	18.31	18.31	19.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	18.31	18.45	18.27	19.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	18.33	18.42	18.35	19.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	18.37	18.35	18.30	19.0	0.0

FR1 n66 Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI/2 BPSK	1	1	16.30	17.45	17.60		
40	PI/2 BPSK	1	108	16.35	16.19	16.28		
40	PI/2 BPSK	1	214	16.29	16.36	16.17	17.0	0.0
40	PI/2 BPSK	108	0	16.25	16.16	16.35	17.0	0.0
40	PI/2 BPSK	108	54	16.24	16.16	16.23	17.0	0.0
40	PI/2 BPSK	108	108	16.26	16.33	16.18		
40	PI/2 BPSK	216	0	16.16	16.21	16.12	17.0	0.0
40	QPSK	1	1	16.21	16.37	16.32		
40	QPSK	1	108	16.21	16.14	16.17	17.0	0.0
40	QPSK	1	214	16.17	16.22	16.25		
40	QPSK	108	0	16.23	16.20	16.28	17.0	0.0
40	QPSK	108	54	16.22	16.35	16.32	17.0	0.0
40	QPSK	108	108	16.32	16.22	16.17		
40	QPSK	216	0	16.20	16.32	16.30	17.0	0.0
40	16QAM	1	1	16.25	16.25	16.14	17.0	0.0
40	64QAM	1	1	16.31	16.26	16.29	17.0	0.0
40	256QAM	1	1	16.18	16.18	16.26	17.0	0.0
Channel								
Frequency (MHz)								
35	QPSK	1	1	16.05	16.24	16.22	17.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.02	16.20	16.24	17.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	16.15	16.20	16.16	17.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	16.06	16.25	16.24	17.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	16.10	16.31	16.15	17.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	16.17	16.28	16.16	17.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	16.13	16.31	16.23	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518000	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 520000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI/2 BPSK	1	1	22.91	22.94	22.85		
40	PI/2 BPSK	1	53	22.70	22.83	22.75	24.0	0.0
40	PI/2 BPSK	1	104	22.70	22.84	22.82		
40	PI/2 BPSK	50	0	22.21	22.42	22.21	23.5	0.5
40	PI/2 BPSK	50	28	22.68	22.89	22.51	24.0	0.0
40	PI/2 BPSK	50	56	22.23	22.32	22.36	23.5	0.5
40	PI/2 BPSK	100	0	22.39	22.41	22.31		
40	QPSK	1	1	22.86	22.95	22.91		
40	QPSK	1	53	22.83	22.88	22.74	24.0	0.0
40	QPSK	1	104	22.86	22.78	22.89		
40	QPSK	50	0	21.67	21.87	21.66	23.0	1.0
40	QPSK	50	28	22.71	22.85	22.79	24.0	0.0
40	QPSK	50	56	21.58	21.90	21.66	23.0	1.0
40	QPSK	100	0	21.75	21.62	21.60		
40	16QAM	1	1	22.19	22.02	22.06	23.0	1.0
40	64QAM	1	1	20.81	20.77	20.62	21.5	2.5
40	256QAM	1	1	18.45	18.54	18.44	19.5	4.5
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.83	22.83	22.76	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.64	22.93	22.70	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.75	22.86	22.73	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.82	22.80	22.83	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI/2 BPSK	1	1	22.26	22.40	22.35		
100	PI/2 BPSK	1	137	22.46	22.38	22.42	24.0	0.0
100	PI/2 BPSK	1	271	22.44	22.45	22.37		
100	PI/2 BPSK	135	0	22.32	22.46	22.30	24.0	0.0
100	PI/2 BPSK	135	69	22.17	22.01	22.16	24.0	0.0
100	PI/2 BPSK	135	138	22.14	22.25	22.06	24.0	0.0
100	PI/2 BPSK	270	0	22.20	22.51	22.15		
100	QPSK	1	1	22.20	22.53	22.38		
100	QPSK	1	137	22.05	22.25	22.41	24.0	0.0
100	QPSK	1	271	22.28	22.39	22.26		
100	QPSK	135	0	22.25	22.21	22.15	24.0	0.0
100	QPSK	135	69	22.19	22.23	22.17	24.0	0.0
100	QPSK	135	138	22.23	22.27	22.22	24.0	0.0
100	QPSK	270	0	22.25	22.44	22.22		
100	16QAM	1	1	22.36	22.35	22.18	24.0	0.0
100	64QAM	1	1	22.22	22.42	22.32	24.0	0.0
100	256QAM	1	1	20.81	20.92	20.74	22.5	1.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	22.18	22.38	22.21	24.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.11	22.39	22.34	24.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	22.01	22.46	22.26	24.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.19	22.39	22.30	24.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	22.08	22.38	22.17	24.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.02	22.47	22.27	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.05	22.47	22.30	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.09	22.36	22.15	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.05	22.44	22.36	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.21	22.47	22.16	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 509202	Power Middle Ch. / Freq. 518598	Power High Ch. / Freq. 528000	Tune-up time (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI/2 BPSK	1	1	25.21	25.16	25.14		
100	PI/2 BPSK	1	137	25.34	25.34	25.31	27.0	0.0
100	PI/2 BPSK	1	271	25.13	25.17	25.13		
100	PI/2 BPSK	135	0	24.72	24.77	24.64	26.5	0.5
100	PI/2 BPSK	135	69	25.70	25.70	25.56	27.0	0.0
100	PI/2 BPSK	135	138	24.70	24.86	24.82	26.5	0.5
100	PI/2 BPSK	270	0	24.62	24.61	24.70	26.5	0.5
100	QPSK	1	1	25.46	25.72	25.55		
100	QPSK	1	137	25.15	25.21	25.02	27.0	0.0
100	QPSK	1	271	25.43	25.65	25.45		
100	QPSK	135	0	24.40	24.40	24.39	26.0	1.0
100	QPSK	135	69	25.15	25.42	25.26	27.0	0.0
100	QPSK	135	138	24.55	24.63	24.65	26.0	1.0
100	QPSK	270	0	24.30	24.31	24.14	26.0	1.0
100	16QAM	1	1	24.41	24.50	24.45	26.0	1.0
100	64QAM	1	1	22.95	23.14	23.03	24.5	2.5
100	256QAM	1	1	20.99	21.06	21.06	22.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	25.38	25.54	25.57	27.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	25.28	25.65	25.53	27.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	25.33	25.68	25.47	27.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	25.25	25.60	25.44	27.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	25.24	25.57	25.41	27.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	25.36	25.65	25.49	27.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	25.27	25.50	25.44	27.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	25.33	25.53	25.39	27.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	25.43	25.54	25.44	27.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	25.32	25.63	25.48	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				2500	2595	2600		
Frequency (MHz)								
40	PI/2 BPSK	1	1	13.89	13.88	14.08		
40	PI/2 BPSK	1	53	14.10	14.04	13.93	15.0	0.0
40	PI/2 BPSK	1	104	14.08	13.88	13.95		
40	PI/2 BPSK	50	0	13.95	14.08	14.04	15.0	0.0
40	PI/2 BPSK	50	28	13.99	13.86	13.93	15.0	0.0
40	PI/2 BPSK	50	56	13.99	14.03	13.98	15.0	0.0
40	PI/2 BPSK	100	0	13.97	14.02	13.98		
40	QPSK	1	1	14.06	14.18	14.16		
40	QPSK	1	53	14.00	13.92	14.03	15.0	0.0
40	QPSK	1	104	14.08	13.92	14.06		
40	QPSK	50	0	13.89	13.95	14.05	15.0	0.0
40	QPSK	50	28	14.07	14.15	14.03	15.0	0.0
40	QPSK	50	56	13.87	13.84	13.95	15.0	0.0
40	QPSK	100	0	14.06	14.13	14.05		
40	16QAM	1	1	13.96	13.98	13.97	15.0	0.0
40	64QAM	1	1	14.00	14.00	14.01	15.0	0.0
40	256QAM	1	1	14.05	13.96	14.04	15.0	0.0
Channel				519000	519000	520000	Tune-up limit	MPR
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	13.95	13.99	14.05	15.0	0.0
Channel				519000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	1	13.94	14.04	14.04	15.0	0.0
Channel				519500	519000	522500	Tune-up limit	MPR
Frequency (MHz)				2597.5	2595	2612.5		
15	QPSK	1	1	13.96	14.00	14.07	15.0	0.0
Channel				519000	519000	523000	Tune-up limit	MPR
Frequency (MHz)				2615	2595	2615		
10	QPSK	1	1	13.90	14.03	14.02	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518596	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.00	14.08	14.04		
100	PI/2 BPSK	1	137	14.14	13.90	14.10	15.0	0.0
100	PI/2 BPSK	1	271	14.07	14.10	14.03		
100	PI/2 BPSK	135	0	14.08	13.91	14.01	15.0	0.0
100	PI/2 BPSK	135	69	13.95	13.92	14.02	15.0	0.0
100	PI/2 BPSK	135	138	13.89	13.89	14.14	15.0	0.0
100	PI/2 BPSK	270	0	13.89	14.13	14.09		
100	QPSK	1	1	14.15	14.21	14.19		
100	QPSK	1	137	13.92	14.10	14.09	15.0	0.0
100	QPSK	1	271	14.03	14.13	14.03		
100	QPSK	135	0	14.04	14.06	14.02	15.0	0.0
100	QPSK	135	69	14.10	14.18	14.12	15.0	0.0
100	QPSK	135	138	13.91	14.06	13.92	15.0	0.0
100	QPSK	270	0	14.13	14.16	14.08		
100	16QAM	1	1	13.95	13.98	13.98	15.0	0.0
100	64QAM	1	1	14.05	13.93	13.97	15.0	0.0
100	256QAM	1	1	13.89	14.11	13.91	15.0	0.0
Channel				532200	518596	536996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.00	14.13	14.14	15.0	0.0
Channel				507204	518596	539998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.06	14.01	14.10	15.0	0.0
Channel				506202	518596	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	13.97	14.03	14.04	15.0	0.0
Channel				505200	518596	531996	Tune-up limit	MPR
Frequency (MHz)				2524.02	2592.99	2659.98		
60	QPSK	1	1	13.96	14.04	14.12	15.0	0.0
Channel				504204	518596	532998	Tune-up limit	MPR
Frequency (MHz)				2524.02	2592.99	2664.99		
50	QPSK	1	1	14.09	14.04	14.01	15.0	0.0
Channel				503202	518596	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.08	14.10	14.00	15.0	0.0
Channel				502200	518596	534998	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.09	14.06	14.00	15.0	0.0
Channel				501204	518596	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.06	14.17	14.09	15.0	0.0
Channel				500700	518596	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.08	14.09	14.05	15.0	0.0
Channel				500202	518596	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.08	14.02	14.10	15.0	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	518000	520000		
Frequency (MHz)				2590	2595	2600		
40	PIQ2 BPSK	1	1	22.85	22.97	22.83		
40	PIQ2 BPSK	1	53	22.79	23.00	22.91	24.0	0.0
40	PIQ2 BPSK	1	104	22.97	23.06	22.91		
40	PIQ2 BPSK	50	0	22.30	22.44	22.42	23.5	0.5
40	PIQ2 BPSK	50	23	22.91	22.98	22.92	24.0	0.0
40	PIQ2 BPSK	50	56	22.46	22.50	22.48		
40	PIQ2 BPSK	100	0	22.34	22.41	22.29	23.5	0.5
40	QPSK	1	1	23.06	23.03	23.01		
40	QPSK	1	53	23.06	23.06	23.06	24.0	0.0
40	QPSK	1	104	22.99	22.99	22.98		
40	QPSK	50	0	21.82	21.98	21.79	23.0	1.0
40	QPSK	50	23	22.78	23.00	22.93	24.0	0.0
40	QPSK	50	56	21.88	21.97	21.84		
40	QPSK	100	0	21.87	21.94	21.87	23.0	1.0
40	16QAM	1	1	22.04	22.18	22.17	23.0	1.0
40	16QAM	1	1	20.63	20.72	20.73	21.5	2.5
40	256QAM	1	1	18.62	18.62	18.54	19.5	4.5
Channel				517000	518000	521000	Tune-up limit (dB)	MPR
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	22.99	22.95	22.91	24.0	0.0
Channel				516000	518000	520000	Tune-up limit (dB)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.96	22.88	22.88	24.0	0.0
Channel				515500	518000	522500	Tune-up limit (dB)	MPR
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	22.85	22.95	22.91	24.0	0.0
Channel				515000	518000	523000	Tune-up limit (dB)	MPR
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	23.04	22.99	22.80	24.0	0.0

FR1 n41 Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509000	518596	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PIQ2 BPSK	1	1	22.61	22.50	22.56		
100	PIQ2 BPSK	1	137	22.54	22.83	22.52	24.0	0.0
100	PIQ2 BPSK	1	271	22.49	22.80	22.72		
100	PIQ2 BPSK	135	0	22.49	22.41	22.40	24.0	0.0
100	PIQ2 BPSK	135	89	22.44	22.55	22.45	24.0	0.0
100	PIQ2 BPSK	135	138	22.51	22.80	22.58	24.0	0.0
100	PIQ2 BPSK	270	0	22.60	22.55	22.49		
100	QPSK	1	1	22.75	22.86	22.83		
100	QPSK	1	137	22.82	22.80	22.78	24.0	0.0
100	QPSK	1	271	22.74	22.68	22.78		
100	QPSK	135	0	22.48	22.48	22.37	24.0	0.0
100	QPSK	135	89	22.72	22.85	22.81	24.0	0.0
100	QPSK	135	138	22.50	22.56	22.67	24.0	0.0
100	QPSK	270	0	22.63	22.81	22.55		
100	16QAM	1	1	22.78	22.86	22.82	24.0	0.0
100	16QAM	1	1	22.70	22.70	22.75	24.0	0.0
100	256QAM	1	1	21.17	21.35	21.28	22.5	1.5
Channel				508000	518596	528996	Tune-up limit (dB)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.59	22.77	22.67	24.0	0.0
Channel				507000	518596	529996	Tune-up limit (dB)	MPR
Frequency (MHz)				2534.01	2592.99	2648.99		
80	QPSK	1	1	22.70	22.67	22.65	24.0	0.0
Channel				506000	518596	531000	Tune-up limit (dB)	MPR
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.66	22.70	22.74	24.0	0.0
Channel				505000	518596	531996	Tune-up limit (dB)	MPR
Frequency (MHz)				2529	2592.99	2659.98		
60	QPSK	1	1	22.60	22.82	22.70	24.0	0.0
Channel				504000	518596	532996	Tune-up limit (dB)	MPR
Frequency (MHz)				2521.02	2592.99	2664.98		
50	QPSK	1	1	22.67	22.70	22.66	24.0	0.0
Channel				503000	518596	534000	Tune-up limit (dB)	MPR
Frequency (MHz)				2519.01	2592.99	2670		
40	QPSK	1	1	22.69	22.81	22.65	24.0	0.0
Channel				502000	518596	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.65	22.72	22.64	24.0	0.0
Channel				501000	518596	535996	Tune-up limit (dB)	MPR
Frequency (MHz)				2508.02	2592.99	2679.98		
20	QPSK	1	1	22.69	22.79	22.68	24.0	0.0
Channel				500000	518596	536996	Tune-up limit (dB)	MPR
Frequency (MHz)				2503.05	2592.99	2682.48		
15	QPSK	1	1	22.57	22.70	22.68	24.0	0.0
Channel				500000	518596	537000	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.64	22.77	22.73	24.0	0.0

FR1 n41_HPUE Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)
Channel				505202	518586	530300	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI2 BPSK	1	1	23.81	23.99	23.82	
100	PI2 BPSK	1	137	23.97	23.93	24.05	25.0
100	PI2 BPSK	1	271	23.84	23.98	23.94	
100	PI2 BPSK	135	0	23.97	23.81	23.81	25.0
100	PI2 BPSK	135	69	24.06	23.83	24.02	25.0
100	PI2 BPSK	135	138	23.81	23.94	23.99	25.0
100	PI2 BPSK	270	0	23.84	24.01	23.81	
100	QPSK	1	1	24.00	24.07	24.03	
100	QPSK	1	137	23.99	23.94	23.93	25.0
100	QPSK	1	271	23.84	24.04	23.83	
100	QPSK	135	0	23.91	23.83	23.98	25.0
100	QPSK	135	69	23.84	24.05	24.01	25.0
100	QPSK	135	138	23.84	24.04	23.82	25.0
100	QPSK	270	0	23.89	23.95	23.91	
100	16QAM	1	1	23.84	23.97	23.84	25.0
100	16QAM	1	1	22.07	23.19	23.14	24.0
100	256QAM	1	1	21.06	21.15	20.93	22.0
Channel				508200	518586	529986	
Frequency (MHz)				2541	2592.99	2644.98	
90	QPSK	1	1	23.95	23.88	23.98	25.0
Channel				507204	518586	529986	
Frequency (MHz)				2536.102	2592.99	2648.99	
80	QPSK	1	1	23.90	23.97	23.86	25.0
Channel				506202	518586	531000	
Frequency (MHz)				2531.01	2592.99	2665	
70	QPSK	1	1	23.81	24.01	23.88	25.0
Channel				505200	518586	531996	
Frequency (MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	23.95	23.98	23.91	25.0
Channel				504204	518586	532986	
Frequency (MHz)				2521.02	2592.99	2664.99	
60	QPSK	1	1	23.81	23.91	23.90	25.0
Channel				503202	518586	534000	
Frequency (MHz)				2516.01	2592.99	2670	
40	QPSK	1	1	23.80	23.93	23.84	25.0
Channel				502200	518586	534996	
Frequency (MHz)				2511	2592.99	2674.98	
30	QPSK	1	1	23.84	23.98	23.91	25.0
Channel				501204	518586	535996	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	23.90	24.00	23.97	25.0
Channel				500200	518586	536996	
Frequency (MHz)				2501.5	2592.99	2682.48	
15	QPSK	1	1	23.84	23.88	23.85	25.0
Channel				500202	518586	537000	
Frequency (MHz)				2501.01	2592.99	2685	
10	QPSK	1	1	23.84	23.99	23.94	25.0

FR1 n48 Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)
Channel				636000	641666	646332	
Frequency (MHz)				3070	3624.99	3678.98	
40	PI2 BPSK	1	1	20.84	20.80	20.85	
40	PI2 BPSK	1	53	20.82	20.71	20.79	22.0
40	PI2 BPSK	1	104	20.83	20.84	20.82	
40	PI2 BPSK	50	0	20.74	20.72	20.80	22.0
40	PI2 BPSK	50	28	20.85	20.83	20.70	22.0
40	PI2 BPSK	50	56	20.70	20.86	20.76	22.0
40	PI2 BPSK	100	0	20.77	20.87	20.81	
40	QPSK	1	1	20.80	20.84	20.85	
40	QPSK	1	53	20.76	20.81	20.87	22.0
40	QPSK	1	104	20.89	20.76	20.74	
40	QPSK	50	0	20.81	20.89	20.77	
40	QPSK	50	28	20.88	20.82	20.87	22.0
40	QPSK	50	56	20.72	20.87	20.85	
40	QPSK	100	0	20.76	20.88	20.87	22.0
40	16QAM	1	1	20.70	20.88	20.78	22.0
40	16QAM	1	1	20.75	20.98	20.90	22.0
40	256QAM	1	1	19.42	19.54	19.53	20.0
Channel				637668	641666	645666	
Frequency (MHz)				3665.02	3634.99	3684.99	
30	QPSK	1	1	20.80	20.77	20.79	22.0
Channel				637334	641666	646000	
Frequency (MHz)				3661.01	3634.99	3690	
20	QPSK	1	1	20.77	20.87	20.84	22.0
Channel				637168	641666	648166	
Frequency (MHz)				3657.52	3634.99	3692.49	
15	QPSK	1	1	20.80	20.83	20.85	22.0
Channel				637000	641666	648332	
Frequency (MHz)				3655	3624.99	3694.98	
10	QPSK	1	1	20.82	20.81	20.75	22.0

FR1 n77 PC3/PC2 Part 270 Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	MPR (dB)
Channel							
Frequency (MHz)							
100	PI2 BPSK	1	1	18.79	18.96	18.83	
100	PI2 BPSK	1	137	18.80	18.80	18.75	19.5
100	PI2 BPSK	1	271	18.77	18.75	18.95	
100	PI2 BPSK	135	0	18.83	18.83	18.86	19.5
100	PI2 BPSK	135	69	18.90	18.85	18.78	19.5
100	PI2 BPSK	135	138	18.75	18.98	18.84	19.5
100	PI2 BPSK	270	0	18.85	18.78	18.92	
100	QPSK	1	1	18.92	18.97	19.04	
100	QPSK	1	137	18.79	18.89	18.98	19.5
100	QPSK	1	271	18.85	18.82	18.91	
100	QPSK	135	0	18.85	18.81	18.89	19.5
100	QPSK	135	69	18.90	18.95	19.01	19.5
100	QPSK	135	138	18.85	18.82	18.82	19.5
100	QPSK	270	0	18.98	19.03	19.01	19.5
100	16QAM	1	1	18.75	18.78	18.86	19.5
100	64QAM	1	1	18.98	18.94	18.74	19.5
100	256QAM	1	1	18.97	18.88	18.83	19.5
Channel							
Frequency (MHz)							
90	QPSK	1	1	18.90	18.91	18.87	19.5
Channel							
Frequency (MHz)							
80	QPSK	1	1	18.83	18.90	18.97	19.5
Channel							
Frequency (MHz)							
70	QPSK	1	1	18.84	18.92	18.97	19.5
Channel							
Frequency (MHz)							
60	QPSK	1	1	18.82	18.99	18.85	19.5
Channel							
Frequency (MHz)							
50	QPSK	1	1	18.94	18.93	18.87	19.5
Channel							
Frequency (MHz)							
40	QPSK	1	1	18.97	18.88	18.88	19.5
Channel							
Frequency (MHz)							
30	QPSK	1	1	18.95	18.92	18.89	19.5
Channel							
Frequency (MHz)							
20	QPSK	1	1	18.90	18.96	18.93	19.5
Channel							
Frequency (MHz)							
15	QPSK	1	1	18.97	19.00	18.96	19.5
Channel							
Frequency (MHz)							
10	QPSK	1	1	18.92	18.89	18.95	19.5

FR1 n77 PC3/PC2 Part 27Q Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 633332	Power Middle Ch. / Freq. 633332	Power High Ch. / Freq. 633332	MPR (dB)
Channel							
Frequency (MHz)							
100	PI2 BPSK	1	1		3499.98		
100	PI2 BPSK	1	137		18.83		19.5
100	PI2 BPSK	1	271		19.00		
100	PI2 BPSK	135	0		18.76		19.5
100	PI2 BPSK	135	69		18.85		19.5
100	PI2 BPSK	135	138		18.78		19.5
100	PI2 BPSK	270	0		18.88		
100	QPSK	1	1		19.02		
100	QPSK	1	137		18.85		19.5
100	QPSK	1	271		19.90		
100	QPSK	135	0		19.00		19.5
100	QPSK	135	69		19.05		19.5
100	QPSK	135	138		19.00		19.5
100	QPSK	270	0		19.02		19.5
100	16QAM	1	1		18.80		19.5
100	64QAM	1	1		18.95		19.5
100	256QAM	1	1		18.75		19.5
Channel							
Frequency (MHz)							
90	QPSK	1	1		18.94	18.98	18.91
Channel							
Frequency (MHz)							
80	QPSK	1	1		18.91	18.97	19.04
Channel							
Frequency (MHz)							
70	QPSK	1	1		18.95	19.01	19.05
Channel							
Frequency (MHz)							
60	QPSK	1	1		19.01	18.94	19.03
Channel							
Frequency (MHz)							
50	QPSK	1	1		18.94	19.02	19.02
Channel							
Frequency (MHz)							
40	QPSK	1	1		18.96	18.91	18.91
Channel							
Frequency (MHz)							
30	QPSK	1	1		18.99	18.90	18.98
Channel							
Frequency (MHz)							
20	QPSK	1	1		19.03	19.05	19.04
Channel							
Frequency (MHz)							
15	QPSK	1	1		18.95	18.96	18.91
Channel							
Frequency (MHz)							
10	QPSK	1	1		19.04	18.92	19.01

FR1 n78_PC3/PC2 Part 270 Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				650000			
Frequency (MHz)				3750			
100	PI2 BPSK	1	1	18.90			
100	PI2 BPSK	1	137	18.78			
100	PI2 BPSK	1	271	18.97			
100	PI2 BPSK	135	0	18.71		19.5	0.0
100	PI2 BPSK	135	69	18.90		19.5	0.0
100	PI2 BPSK	135	138	18.85		19.5	0.0
100	PI2 BPSK	270	0	18.88			
100	QPSK	1	1	18.15			
100	QPSK	1	137	18.82		19.5	0.0
100	QPSK	1	271	18.85			
100	QPSK	135	0	18.93		19.5	0.0
100	QPSK	135	69	18.13		19.5	0.0
100	QPSK	135	138	19.00		19.5	0.0
100	QPSK	270	0	19.11			
100	16QAM	1	1	18.75		19.5	0.0
100	64QAM	1	1	19.04		19.5	0.0
100	256QAM	1	1	18.65		19.5	0.0
Channel				649688	650000	650332	Tune-up
Frequency (MHz)				3745.02	3750	3754.98	limit (dB)
90	QPSK	1	1	19.07	19.10	19.00	19.5
Channel				649334	650000	650666	Tune-up
Frequency (MHz)				3749.01	3750	3750.99	limit (dB)
80	QPSK	1	1	18.99	18.99	19.02	19.5
Channel				649000	650000	651000	Tune-up
Frequency (MHz)				3746	3750	3754	limit (dB)
70	QPSK	1	1	19.01	18.99	19.06	19.5
Channel				648688	650000	651332	Tune-up
Frequency (MHz)				3743.02	3750	3756.98	limit (dB)
60	QPSK	1	1	19.00	18.97	18.99	19.5
Channel				648334	650000	651666	Tune-up
Frequency (MHz)				3740.01	3750	3759.99	limit (dB)
50	QPSK	1	1	19.12	19.01	19.07	19.5
Channel				648000	650000	652000	Tune-up
Frequency (MHz)				3736.01	3750	3763.99	limit (dB)
40	QPSK	1	1	19.11	19.03	19.01	19.5
Channel				647688	650000	652332	Tune-up
Frequency (MHz)				3733.02	3750.00	3765.98	limit (dB)
30	QPSK	1	1	18.99	19.00	19.11	19.5
Channel				647334	650000	652666	Tune-up
Frequency (MHz)				3730.01	3750	3769.99	limit (dB)
20	QPSK	1	1	19.02	19.04	19.05	19.5
Channel				647000	650000	652999	Tune-up
Frequency (MHz)				3727.52	3750	3772.48	limit (dB)
15	QPSK	1	1	19.05	19.02	18.99	19.5
Channel				646688	650000	653330	Tune-up
Frequency (MHz)				3725	3750	3775	limit (dB)
10	QPSK	1	1	18.99	19.03	19.06	19.5

FR1 n78_PC3/PC2 Part 27Q Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				633332			
Frequency (MHz)				3499.98			
100	PI2 BPSK	1	1	19.01			
100	PI2 BPSK	1	137	18.90			
100	PI2 BPSK	1	271	18.99			
100	PI2 BPSK	135	0	18.74		19.5	0.0
100	PI2 BPSK	135	69	18.82		19.5	0.0
100	PI2 BPSK	135	138	18.74		19.5	0.0
100	PI2 BPSK	270	0	18.82			
100	QPSK	1	1	18.11			
100	QPSK	1	137	18.88		19.5	0.0
100	QPSK	1	271	18.94			
100	QPSK	135	0	18.92		19.5	0.0
100	QPSK	135	69	18.98		19.5	0.0
100	QPSK	135	138	19.06		19.5	0.0
100	QPSK	270	0	19.02			
100	16QAM	1	1	18.77		19.5	0.0
100	64QAM	1	1	18.91		19.5	0.0
100	256QAM	1	1	18.88		19.5	0.0
Channel				633000	633332	633666	Tune-up
Frequency (MHz)				3495	3499.98	3504.99	limit (dB)
90	QPSK	1	1	18.97	19.07	19.06	19.5
Channel				632688	633332	634000	Tune-up
Frequency (MHz)				3491.02	3499.98	3509	limit (dB)
80	QPSK	1	1	18.95	19.04	19.03	19.5
Channel				632334	633332	634332	Tune-up
Frequency (MHz)				3486.01	3499.98	3514.98	limit (dB)
70	QPSK	1	1	19.01	18.93	18.92	19.5
Channel				632000	633332	634666	Tune-up
Frequency (MHz)				3480	3499.98	3519.99	limit (dB)
60	QPSK	1	1	18.95	18.95	19.00	19.5
Channel				631688	633332	635000	Tune-up
Frequency (MHz)				3475.02	3499.98	3505	limit (dB)
50	QPSK	1	1	19.05	18.91	18.94	19.5
Channel				631334	633332	635332	Tune-up
Frequency (MHz)				3470.01	3499.98	3523.98	limit (dB)
40	QPSK	1	1	18.99	18.92	19.00	19.5
Channel				631000	633332	635666	Tune-up
Frequency (MHz)				3465	3499.98	3534.99	limit (dB)
30	QPSK	1	1	18.92	18.95	18.95	19.5
Channel				630688	633332	636000	Tune-up
Frequency (MHz)				3460.02	3499.98	3540	limit (dB)
20	QPSK	1	1	19.03	18.94	18.93	19.5
Channel				630500	633332	636166	Tune-up
Frequency (MHz)				3457.5	3499.98	3542.49	limit (dB)
15	QPSK	1	1	18.91	18.93	19.05	19.5
Channel				630334	633332	636332	Tune-up
Frequency (MHz)				3455.01	3499.98	3544.98	limit (dB)
10	QPSK	1	1	18.99	18.95	18.96	19.5

FR1 n38 Ant 3									
BV (MHz)	Modulation	RB Size	RB Offset	Power Low C ₁ / F _{max}	Power Mid C ₂ / F _{max}	Power High C ₃ / F _{max}	Tune-up (dBm)	MPO	
Channel									
Frequency (MHz)									
40	PUSC	1	1	21.55	21.52	21.56			
40	PUSC	1	53	21.47	21.52	21.53	23.0	0.0	
40	PUSC	50	104	21.45	21.48	21.49			
40	PUSC	50	0	21.60	21.59	21.64	22.5	0.5	
40	PUSC	50	36	21.45	21.51	21.48	23.0	0.0	
40	PUSC	50	50	20.85	21.57	20.88	22.5	0.5	
40	PUSC	100	0	21.64	21.56	21.67			
40	QPSK	1	1	21.69	21.65	21.62			
40	QPSK	1	53	21.49	21.53	21.55	23.0	0.0	
40	QPSK	1	104	21.63	21.65	21.66			
40	QPSK	50	0	21.54	20.89	20.93	23.0	1.0	
40	QPSK	50	36	21.43	21.51	21.42	23.0	1.0	
40	QPSK	100	0	20.41	20.89	20.44	22.0	1.0	
40	BQAM	1	1	21.72	20.88	20.74	22.0	1.0	
40	BQAM	1	1	19.28	19.50	19.36	20.0	2.5	
40	BQAM	1	1	17.71	17.59	17.55	18.5		
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.70	21.60	21.75	23.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.70	21.61	21.74	20.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	21.72	21.70	21.74	23.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.75	21.68	21.71	23.0	0.0	

FR1 n41 Ant 3									
BV (MHz)	Modulation	RB Size	RB Offset	Power Low C ₁ / F _{max}	Power Mid C ₂ / F _{max}	Power High C ₃ / F _{max}	Tune-up (dBm)	MPO (dB)	
Channel									
Frequency (MHz)									
100	PUSC	1	1	21.37	21.61	21.38			
100	PUSC	1	57	21.44	21.60	21.43	23.0		0.0
100	PUSC	136	0	21.37	21.58	21.37			
100	PUSC	136	86	21.29	21.57	21.36	23.0		0.0
100	PUSC	136	136	21.35	21.60	21.27	23.0		0.0
100	PUSC	272	1	21.35	21.40	21.53			
100	QPSK	1	1	21.58	21.75	21.62			
100	QPSK	1	57	21.52	21.72	21.52	23.0		0.0
100	QPSK	1	271	21.51	21.74	21.46			
100	QPSK	136	0	21.36	21.54	21.35	23.0		0.0
100	QPSK	136	86	21.54	21.59	21.58	23.0		0.0
100	QPSK	136	136	21.56	21.64	21.54	23.0		0.0
100	QPSK	272	0	21.37	21.59	21.33			
100	BQAM	1	1	21.69	21.62	21.60	23.0		0.0
100	BQAM	1	1	21.54	21.74	21.51	23.0		0.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	21.52	21.65	21.54	23.0		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.40	21.69	21.49	23.0		0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	21.48	21.59	21.51	23.0		0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	21.41	21.57	21.56	23.0		0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	21.43	21.49	21.42	23.0		0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	21.42	21.57	21.49	23.0		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.50	21.66	21.54	23.0		0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.52	21.69	21.56	23.0		0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	21.41	21.58	21.49	23.0		0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.44	21.58	21.56	23.0		0.0

FR1 n41_HPUE Ant 3									
SV RefId	Modulation	RIS Size	RIS Offset	Power Low Ch./Frac.	Power Mid-Hi Ch./Frac.	Power High Ch./Frac.	Time-up Intvl (min)	MPE (dB)	
Channel									
Frequency (MHz)									
100	PI2-BPSK	1	1	24.30	24.51	24.23			
100	PI2-BPSK	1	137	24.13	24.38	24.50	20.0		0.0
100	PI2-BPSK	1	271	24.21	24.45	24.20			
100	PI2-BPSK	136	0	23.88	24.08	23.83	20.0		0.0
100	PI2-BPSK	136	64	24.00	24.37	24.00	20.0		0.0
100	PI2-BPSK	136	136	23.89	24.11	23.80	20.0		0.0
100	PI2-BPSK	270	0	23.80	24.08	23.81	20.0		0.0
100	QPSK	1	1	24.37	24.50	24.40			
100	QPSK	1	137	24.38	24.53	24.50	20.0		0.0
100	QPSK	1	271	24.08	24.08	24.50			
100	QPSK	136	0	23.19	23.21	23.01	20.0		1.0
100	QPSK	136	64	24.42	24.47	24.38	20.0		0.0
100	QPSK	136	136	23.17	23.41	23.00	20.0		1.0
100	QPSK	270	0	22.83	23.38	22.80	20.0		1.0
100	BQAM	1	1	23.80	23.80	23.80			
100	BQAM	1	1	23.88	23.88	23.80	20.0		2.5
100	BQAM	1	1	23.80	23.81	23.80	20.0		4.5
Channel									
Frequency (MHz)									
90	QPSK	1	1	24.25	24.50	24.25	20.0		0.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	24.25	24.50	24.25	20.0		0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	24.23	24.48	24.20	20.0		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	24.26	24.37	24.30	20.0		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	24.20	24.43	24.40	20.0		0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	24.31	24.38	24.34	20.0		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	24.10	24.48	24.21	20.0		0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	24.30	24.36	24.30	20.0		0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	24.11	24.40	24.31	20.0		0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	24.10	24.30	24.41	20.0		0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	24.01	24.28	24.27	20.0		0.0

FR1 n48 Ant 3									
SV RefId	Modulation	RIS Size	RIS Offset	Power Low Ch./Frac.	Power Mid-Hi Ch./Frac.	Power High Ch./Frac.	Time-up Intvl (min)	Light	
Channel									
Frequency (MHz)									
40	PI2-BPSK	1	1	21.68	21.76	21.48			
40	PI2-BPSK	1	53	21.40	21.62	21.40	23.0		0.0
40	PI2-BPSK	1	104	21.30	21.70	21.50			
40	PI2-BPSK	50	0	20.94	21.16	20.87	22.0		0.0
40	PI2-BPSK	50	24	21.45	21.60	21.40	22.0		0.0
40	PI2-BPSK	50	56	20.99	21.23	21.00	22.0		0.0
40	PI2-BPSK	100	0	20.90	21.10	20.90			
40	QPSK	1	1	21.81	21.87	21.50			
40	QPSK	1	53	21.55	21.70	21.50	23.0		0.0
40	QPSK	1	104	21.82	21.70	21.50			
40	QPSK	50	0	21.40	21.60	21.30	23.0		1.0
40	QPSK	50	24	21.84	21.78	21.50	22.0		0.0
40	QPSK	50	56	21.63	21.63	21.40			
40	QPSK	100	0	21.82	21.70	21.30	22.0		1.0
40	BQAM	1	1	21.50	21.50	21.50			
40	BQAM	1	1	20.74	20.83	20.80	20.0		2.5
40	BQAM	1	1	20.19	20.48	20.50	20.0		4.5
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.60	21.81	21.60	20.0		0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.76	21.81	21.60	20.0		0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	21.68	21.68	21.50	23.0		0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.74	21.77	21.60	23.0		0.0

FR1 n77 Part 270 Ant 3									
SV RefId	Modulation	RIS Size	RIS Offset	Power Low Ch./Frac.	Power Mid-Hi Ch./Frac.	Power High Ch./Frac.	Time-up Intvl (min)	Light (dB)	
Channel									
Frequency (MHz)									
100	PI2-BPSK	1	1	21.11	21.33	21.08			
100	PI2-BPSK	1	137	21.02	21.26	21.00	22.0		0.0
100	PI2-BPSK	1	271	21.02	21.20	21.00			
100	PI2-BPSK	136	0	20.94	21.14	20.90	22.0		0.0
100	PI2-BPSK	136	64	20.99	21.21	21.00	22.0		0.0
100	PI2-BPSK	136	136	20.90	21.07	20.80	22.0		0.0
100	PI2-BPSK	270	0	20.92	21.10	20.90			
100	QPSK	1	1	21.33	21.37	21.50			
100	QPSK	1	137	20.98	21.20	20.90	22.0		0.0
100	QPSK	1	271	21.11	21.32	21.00			
100	QPSK	136	0	20.80	21.00	20.80	20.0		0.0
100	QPSK	136	64	21.09	21.23	21.10	22.0		0.0
100	QPSK	136	136	20.90	21.07	20.80	22.0		0.0
100	QPSK	270	0	21.13	21.18	21.00	22.0		0.0
100	BQAM	1	1	20.90	20.90	21.00			
100	BQAM	1	1	21.00	21.22	20.90	20.0		0.0
100	BQAM	1	1	20.90	20.90	20.90	20.0		1.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	21.20	21.20	21.20	20.0		0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	21.20	21.20	21.20	20.0		0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	21.17	21.20	21.20	20.0		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.21	21.23	21.20	20.0		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.10	21.10	21.10	20.0		0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	21.17	21.26	21.27	20.0		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.13	21.23	21.20	20.0		1.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.23	21.20	21.10	20.0		0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.10	21.24	21.24	20.0		1.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.07	21.10	21.10	20.0		1.0

FR1 n77 HPUE Part 270 Ant 3									
SRF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Time-up Int. (min)	MTR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	23.47	23.76	23.54			
100	PV2 BPSK	1	137	23.35	23.67	23.30	25.0	0.0	
100	PV2 BPSK	1	271	23.35	23.63	23.37			
100	PV2 BPSK	135	0	23.60	23.24	23.62	24.5	0.5	
100	PV2 BPSK	135	86	23.43	23.66	23.47	25.0	0.5	
100	PV2 BPSK	135	136	23.17	23.63	23.26	24.5	0.5	
100	PV2 BPSK	230	0	23.36	23.24	23.67			
100	QPSK	1	1	23.70	23.61	23.78			
100	QPSK	1	137	23.45	23.74	23.46	25.0	0.0	
100	QPSK	1	271	23.48	23.77	23.53			
100	QPSK	135	0	23.36	23.27	23.31	24.0	1.0	
100	QPSK	135	86	23.64	23.13	23.71	25.0	0.0	
100	QPSK	135	136	23.35	23.23	23.36			
100	QPSK	230	0	22.60	22.66	22.58	24.0	1.0	
100	SGDM	1	1	23.02	23.01	23.04	25.0	1.0	
100	SGDM	1	1	23.02	23.07	23.02	22.5	2.5	
100	ZQSSM	1	1	18.96	19.00	18.96	25.0	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.84	23.66	23.88	25.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.80	23.72	23.69	25.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	23.88	23.74	23.65	25.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.83	23.84	23.85	25.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.81	23.69	23.67	25.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.67	23.74	23.58	25.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.50	23.79	23.71	25.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.60	23.67	23.70	25.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.74	23.71	23.73	23.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.53	23.68	23.68	23.0	0.0	

FR1 n77 Part 27Q Ant 3										
SRF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Time-up Int. (min)	MTR (dB)		
Channel										
Frequency (MHz)										
100	PV2 BPSK	1	1			23.58				
100	PV2 BPSK	1	137			21.69	22.0	0.0		
100	PV2 BPSK	1	271			21.74				
100	PV2 BPSK	135	0			21.36	22.0	0.0		
100	PV2 BPSK	135	86			21.71	22.0	0.0		
100	PV2 BPSK	135	136			21.69	22.0	0.0		
100	PV2 BPSK	230	0			21.73				
100	QPSK	1	1			21.73				
100	QPSK	1	137			21.62	22.0	0.0		
100	QPSK	1	271			21.63				
100	QPSK	135	0			21.69	22.0	0.0		
100	QPSK	135	86			21.68	22.0	0.0		
100	QPSK	135	136			21.69				
100	QPSK	230	0			21.68				
100	SGDM	1	1			21.73	22.0	0.0		
100	SGDM	1	1			21.70	22.0	0.0		
100	ZQSSM	1	1			19.74	23.0	1.5		
Channel										
Frequency (MHz)										
90	QPSK	1	1			21.69	21.54	21.69	22.0	0.0
Channel										
Frequency (MHz)										
80	QPSK	1	1			21.64	21.58	21.62	22.0	0.0
Channel										
Frequency (MHz)										
70	QPSK	1	1			21.55	21.54	21.55	22.0	0.0
Channel										
Frequency (MHz)										
60	QPSK	1	1			21.68	21.65	21.64	22.0	0.0
Channel										
Frequency (MHz)										
50	QPSK	1	1			21.63	21.63	21.63	22.0	0.0
Channel										
Frequency (MHz)										
40	QPSK	1	1			21.54	21.58	21.57	22.0	0.0
Channel										
Frequency (MHz)										
30	QPSK	1	1			21.53	21.53	21.53	22.0	0.0
Channel										
Frequency (MHz)										
20	QPSK	1	1			21.64	21.63	21.63	22.0	0.0
Channel										
Frequency (MHz)										
15	QPSK	1	1			21.63	21.63	21.63	22.0	0.0
Channel										
Frequency (MHz)										
10	QPSK	1	1			21.64	21.67	21.66	22.0	0.0

FR1 n77 HPUE Part 27Q Ant 3									
SV Freq	Modulation	RIS Size	RIS Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Time-up Int. (min)	ISMP (dB)	
Channel									
100	PL2 BPSK	1	1	24.21					
100	PL2 BPSK	1	137	24.17			25.0	0.0	
100	PL2 BPSK	1	271	24.15					
100	PL2 BPSK	135	0	23.77			24.5	0.5	
100	PL2 BPSK	135	64	24.05			25.0	0.0	
100	PL2 BPSK	135	136	23.65			24.5	0.5	
100	PL2 BPSK	270	0	23.61					
100	QPSK	1	1	23.25			25.0	0.0	
100	QPSK	1	137	23.12					
100	QPSK	1	271	23.18					
100	QPSK	135	0	23.69			26.0	1.0	
100	QPSK	135	64	23.17			25.0	0.0	
100	QPSK	135	136	23.58			24.0	1.0	
100	QPSK	270	0	23.02					
100	BQAM	1	1	23.22			25.5	2.5	
100	BQAM	1	1	23.28			25.5	2.5	
100	BQAM	1	1	23.67			25.5	4.5	
Channel									
90	QPSK	1	1	93300	93300	93300	Turn-up	MPR	
Frequency (MHz)									
90	QPSK	1	1	24.07	24.10	24.15	25.0	0.0	
Channel									
90	QPSK	1	1	24.07	24.08	24.15	25.0	0.0	
Frequency (MHz)									
70	QPSK	1	1	24.14	24.09	24.05	25.0	0.0	
Channel									
70	QPSK	1	1	24.14	24.09	24.05	25.0	0.0	
Frequency (MHz)									
80	QPSK	1	1	24.06	24.17	24.07	25.0	0.0	
Channel									
80	QPSK	1	1	24.06	24.17	24.07	25.0	0.0	
Frequency (MHz)									
50	QPSK	1	1	24.18	24.11	24.15	25.0	0.0	
Channel									
50	QPSK	1	1	24.18	24.09	24.12	25.0	0.0	
Frequency (MHz)									
40	QPSK	1	1	24.11	24.09	24.12	25.0	0.0	
Channel									
40	QPSK	1	1	24.11	24.09	24.12	25.0	0.0	
Frequency (MHz)									
30	QPSK	1	1	24.17	24.10	24.14	25.0	0.0	
Channel									
30	QPSK	1	1	24.17	24.10	24.14	25.0	0.0	
Frequency (MHz)									
20	QPSK	1	1	24.19	24.13	24.21	25.0	0.0	
Channel									
20	QPSK	1	1	24.19	24.13	24.21	25.0	0.0	
Frequency (MHz)									
10	QPSK	1	1	24.10	24.16	24.14	25.0	0.0	
Channel									
10	QPSK	1	1	24.10	24.16	24.14	25.0	0.0	
Frequency (MHz)									
10	QPSK	1	1	24.07	24.13	24.10	25.0	0.0	

FR1 n78 Part 27Q Ant 3									
SV Freq	Modulation	RIS Size	RIS Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Time-up Int. (min)	ISMP (dB)	
Channel									
100	PL2 BPSK	1	1	21.31					
100	PL2 BPSK	1	137	21.48			22.0	0.0	
100	PL2 BPSK	1	271	21.35					
100	PL2 BPSK	135	0	21.24			22.0	0.0	
100	PL2 BPSK	135	64	21.42			22.0	0.0	
100	PL2 BPSK	135	136	21.35			22.0	0.0	
100	PL2 BPSK	270	0	21.44					
100	QPSK	1	1	21.49			22.0	0.0	
100	QPSK	1	137	21.35					
100	QPSK	1	271	21.33					
100	QPSK	135	0	21.18			22.0	0.0	
100	QPSK	135	64	21.25			22.0	0.0	
100	QPSK	135	136	21.12			22.0	0.0	
100	QPSK	270	0	21.12					
100	BQAM	1	1	21.44			22.0	0.0	
100	BQAM	1	1	21.47			22.0	0.0	
100	BQAM	1	1	21.46			22.0	1.0	
Channel									
90	QPSK	1	1	94868	95000	95034	Turn-up	MPR	
Frequency (MHz)									
90	QPSK	1	1	21.44	21.32	21.35	22.0	0.0	
Channel									
90	QPSK	1	1	21.33	21.39	21.35	22.0	0.0	
Frequency (MHz)									
80	QPSK	1	1	21.35	21.30	21.32	22.0	0.0	
Channel									
80	QPSK	1	1	21.35	21.41	21.43	22.0	0.0	
Frequency (MHz)									
70	QPSK	1	1	21.35	21.30	21.32	22.0	0.0	
Channel									
70	QPSK	1	1	21.35	21.41	21.43	22.0	0.0	
Frequency (MHz)									
60	QPSK	1	1	21.35	21.41	21.43	22.0	0.0	
Channel									
60	QPSK	1	1	21.35	21.41	21.43	22.0	0.0	
Frequency (MHz)									
50	QPSK	1	1	21.44	21.30	21.33	22.0	0.0	
Channel									
50	QPSK	1	1	21.44	21.30	21.33	22.0	0.0	
Frequency (MHz)									
40	QPSK	1	1	21.45	21.34	21.40	22.0	0.0	
Channel									
40	QPSK	1	1	21.45	21.34	21.40	22.0	0.0	
Frequency (MHz)									
30	QPSK	1	1	21.50	21.30	21.33	22.0	0.0	
Channel									
30	QPSK	1	1	21.50	21.30	21.33	22.0	0.0	
Frequency (MHz)									
20	QPSK	1	1	21.43	21.33	21.35	22.0	0.0	
Channel									
20	QPSK	1	1	21.43	21.33	21.35	22.0	0.0	
Frequency (MHz)									
10	QPSK	1	1	21.49	21.44	21.44	22.0	0.0	
Channel									
10	QPSK	1	1	21.49	21.44	21.44	22.0	0.0	
Frequency (MHz)									
10	QPSK	1	1	21.44	21.31	21.35	22.0	0.0	

FR1 n78_HPUE Part 270 Ant 3									
SV Freq	Modulation	RIS Size	RIS Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-up Int. (min)	ISMP (dB)	
Channel									
100	PV2 BPSK	1	1	23.84					
100	PV2 BPSK	1	137	23.68			25.0	0.0	
100	PV2 BPSK	1	271	23.74					
100	PV2 BPSK	135	0	23.25			24.5	0.5	
100	PV2 BPSK	135	64	23.61			25.0	0.0	
100	PV2 BPSK	135	136	23.43			24.5	0.5	
100	PV2 BPSK	270	0	23.35					
100	QPSK	1	1	23.61			25.0	0.0	
100	QPSK	1	137	23.56					
100	QPSK	1	271	23.68					
100	QPSK	135	0	23.17			26.0	1.0	
100	QPSK	135	64	23.13			24.0	1.0	
100	QPSK	135	136	22.88					
100	QPSK	270	0	22.88					
100	BQAM	1	1	23.64			25.5	4.5	
100	BQAM	1	1	23.60			25.5	2.5	
100	BQAM	1	1	23.60			25.5	4.5	
Channel									
90	QPSK	1	1	94868	95000	95034	Turn-up	MPR	
Frequency (MHz)									
90	QPSK	1	1	23.77	23.87	23.81	25.0	0.0	
Channel									
90	QPSK	1	1	23.76	23.81	23.79	25.0	0.0	
Frequency (MHz)									
80	QPSK	1	1	23.85	23.75	23.78	25.0	0.0	
Channel									
80	QPSK	1	1	23.77	23.78	23.78	25.0	0.0	
Frequency (MHz)									
70	QPSK	1	1	23.78	23.73	23.73	25.0	0.0	
Channel									
70	QPSK	1	1	23.78	23.73	23.73	25.0	0.0	
Frequency (MHz)									
60	QPSK	1	1	23.77	23.78	23.78	25.0	0.0	
Frequency (MHz)									
50	QPSK	1	1	23.75	23.73	23.73	25.0	0.0	
Channel									
40	QPSK	1	1	84000	85000	85200	Turn-up	MPR	
Frequency (MHz)									
40	QPSK	1	1	23.78	23.78	23.78	25.0	0.0	
Channel									
40	QPSK	1	1	23.78	23.78	23.78	25.0	0.0	
Frequency (MHz)									
30	QPSK	1	1	23.76	23.76	23.76	25.0	0.0	
Channel									
30	QPSK	1	1	23.76	23.76	23.76	25.0	0.0	
Frequency (MHz)									
20	QPSK	1	1	23.75	23.75	23.75	25.0	0.0	
Channel									
20	QPSK	1	1	23.75	23.75	23.75	25.0	0.0	
Frequency (MHz)									
15	QPSK	1	1	23.73	23.73	23.73	25.0	0.0	
Frequency (MHz)									
10	QPSK	1	1	23.73	23.73	23.73	25.0	0.0	
Frequency (MHz)									
5	QPSK	1	1	23.73	23.73	23.73	25.0	0.0	
Frequency (MHz)									

FR1 n78 Part 27Q Ant 3									
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Main Ch. / Freq.	Power Hyp. Ch. / Freq.	Time-up Int. (min)	MTR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1		21.42				
100	PV2 BPSK	1	137		21.59		22.0	0.0	
100	PV2 BPSK	1	271		21.54				
100	PV2 BPSK	135	0		21.59		22.0	0.0	
100	PV2 BPSK	135	86		21.51		22.0	0.0	
100	PV2 BPSK	135	136		21.59		22.0	0.0	
100	PV2 BPSK	230	0		21.70				
100	QPSK	1	1		21.71				
100	QPSK	1	137		21.53		22.0	0.0	
100	QPSK	1	271		21.48				
100	QPSK	135	0		21.64		22.0	0.0	
100	QPSK	135	86		21.55		22.0	0.0	
100	QPSK	135	136		21.62		22.0	0.0	
100	QPSK	230	0		21.66		22.0	0.0	
100	SGDM	1	1		21.67		22.0	0.0	
100	SGDM	1	1		21.55		22.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1		21.50	21.55	21.58	22.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1		21.53	21.54	21.56	22.0	0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1		21.55	21.55	21.55	22.0	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1		21.61	21.63	21.61	22.0	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1		21.63	21.63	21.63	22.0	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1		21.68	21.61	21.62	22.0	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1		21.53	21.53	21.53	22.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1		21.60	21.63	21.64	22.0	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1		21.50	21.53	21.52	22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1		21.64	21.62	21.62	22.0	0.0

FR1 n78_HPUE Part 27Q Ant 3									
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Main Ch. / Freq.	Power Hyp. Ch. / Freq.	Time-up Int. (min)	MTR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1		24.79				
100	PV2 BPSK	1	137		24.69		26.0		
100	PV2 BPSK	1	271		23.97				
100	PV2 BPSK	135	0		23.42		24.5	0.0	
100	PV2 BPSK	135	86		23.96		25.5	0.0	
100	PV2 BPSK	135	136		23.69		24.5	0.0	
100	PV2 BPSK	230	0		23.90				
100	QPSK	1	1		24.71				
100	QPSK	1	137		24.78		26.0	0.0	
100	QPSK	1	271		24.61				
100	QPSK	135	0		23.71		26.0	1.0	
100	QPSK	135	86		24.13		26.0	0.0	
100	QPSK	135	136		23.92		24.0	1.0	
100	QPSK	230	0		23.88		25.5	1.0	
100	SGDM	1	1		23.82		26.0	0.0	
100	SGDM	1	1		21.67		25.5	2.0	
100	SGDM	1	1		19.55		25.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1		24.67	24.13	24.09	26.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1		24.60	24.04	24.12	26.0	0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1		24.78	24.04	24.17	26.0	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1		24.13	24.05	24.10	26.0	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1		24.11	24.18	24.16	26.0	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1		24.14	24.13	24.13	26.0	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1		24.06	24.07	24.06	26.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1		24.00	24.14	24.10	26.0	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1		24.10	24.13	24.14	25.5	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1		24.53	24.04	24.18	26.0	0.0

FR1 n48 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3670	3624.99	3679.98			
Frequency (MHz)				3670	3624.99	3679.98			
40	PV2 BPSK	1	1	17.29	17.23	17.30			
40	PV2 BPSK	1	53	17.29	17.44	17.42	18.5	0.0	
40	PV2 BPSK	1	104	17.35	17.39	17.42			
40	PV2 BPSK	50	0	17.27	17.39	17.45	18.5	0.0	
40	PV2 BPSK	50	26	17.35	17.29	17.28	18.5	0.0	
40	PV2 BPSK	50	50	17.36	17.30	17.42	18.5	0.0	
40	PV2 BPSK	100	0	17.44	17.41	17.40			
40	QPSK	1	1	17.43	17.47	17.44			
40	QPSK	1	53	17.35	17.38	17.39	18.5	0.0	
40	QPSK	1	104	17.38	17.44	17.44			
40	QPSK	50	0	17.39	17.40	17.32	18.5	0.0	
40	QPSK	50	26	17.42	17.45	17.38	18.5	0.0	
40	QPSK	50	50	17.34	17.44	17.35	18.5	0.0	
40	QPSK	100	0	17.31	17.41	17.35	18.5	0.0	
40	ISQAM	1	1	17.34	17.44	17.39	18.5	0.0	
40	ISQAM	1	1	17.27	17.35	17.38	18.5	0.0	
40	250QAM	1	1	17.24	17.39	17.45	18.5	0.0	
Channel				637668	641686	645686	Tune-up limit (dB)	MPR	
Frequency (MHz)				637668	641686	645686			
30	QPSK	1	1	17.30	17.28	17.25	18.5	0.0	
Channel				637334	641686	646000	Tune-up limit (dB)	MPR	
Frequency (MHz)				637334	641686	646000			
20	QPSK	1	1	17.28	17.29	17.29	18.5	0.0	
Channel				637168	641686	646166	Tune-up limit (dB)	MPR	
Frequency (MHz)				637168	641686	646166			
15	QPSK	1	1	17.36	17.32	17.39	18.5	0.0	
Channel				637000	641686	646332	Tune-up limit (dB)	MPR	
Frequency (MHz)				637000	641686	646332			
10	QPSK	1	1	17.37	17.38	17.37	18.5	0.0	

FR1 n77 PC3/PC2 Part 270 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				650000	656000	662000			
100	PV2 BPSK	1	1	17.08	17.09	17.00			
100	PV2 BPSK	1	137	16.97	17.06	17.01	17.5	0.0	
100	PV2 BPSK	1	271	17.06	17.06	16.98			
100	PV2 BPSK	135	0	16.94	16.91	16.98	17.5	0.0	
100	PV2 BPSK	135	69	16.98	16.95	16.94	17.5	0.0	
100	PV2 BPSK	135	138	16.93	17.03	17.04	17.5	0.0	
100	PV2 BPSK	270	0	17.02	17.04	17.05			
100	QPSK	1	1	17.09	17.12	17.08			
100	QPSK	1	137	17.09	16.87	16.97	17.5	0.0	
100	QPSK	1	271	16.91	16.87	17.03			
100	QPSK	135	0	17.01	16.93	16.88	17.5	0.0	
100	QPSK	135	69	17.04	17.09	16.93	17.5	0.0	
100	QPSK	135	138	17.03	16.99	16.98	17.5	0.0	
100	QPSK	270	0	16.95	17.06	17.02	17.5	0.0	
100	15QAM	1	1	16.91	17.03	16.98	17.5	0.0	
100	15QAM	1	1	16.99	16.98	16.99	17.5	0.0	
100	250QAM	1	1	17.07	17.06	16.98	17.5	0.0	
Channel				649668	656000	662332	Tune-up limit (dB)	MPR	
Frequency (MHz)				649668	656000	662332			
90	QPSK	1	1	16.92	17.02	16.92	17.5	0.0	
Channel				649334	656000	662666	Tune-up limit (dB)	MPR	
Frequency (MHz)				649334	656000	662666			
80	QPSK	1	1	16.99	17.07	16.90	17.5	0.0	
Channel				649000	656000	663000	Tune-up limit (dB)	MPR	
Frequency (MHz)				649000	656000	663000			
70	QPSK	1	1	17.01	16.98	16.96	17.5	0.0	
Channel				648668	656000	663332	Tune-up limit (dB)	MPR	
Frequency (MHz)				648668	656000	663332			
60	QPSK	1	1	17.01	17.01	16.96	17.5	0.0	
Channel				648334	656000	663666	Tune-up limit (dB)	MPR	
Frequency (MHz)				648334	656000	663666			
50	QPSK	1	1	16.98	16.94	17.00	17.5	0.0	
Channel				648000	656000	664000	Tune-up limit (dB)	MPR	
Frequency (MHz)				648000	656000	664000			
40	QPSK	1	1	16.95	16.97	17.01	17.5	0.0	
Channel				647668	656000	664332	Tune-up limit (dB)	MPR	
Frequency (MHz)				647668	656000	664332			
30	QPSK	1	1	16.95	16.98	16.93	17.5	0.0	
Channel				647334	656000	664666	Tune-up limit (dB)	MPR	
Frequency (MHz)				647334	656000	664666			
20	QPSK	1	1	17.01	16.96	16.95	17.5	0.0	
Channel				647000	656000	665000	Tune-up limit (dB)	MPR	
Frequency (MHz)				647000	656000	665000			
15	QPSK	1	1	16.96	16.93	17.00	17.5	0.0	
Channel				647000	656000	665000	Tune-up limit (dB)	MPR	
Frequency (MHz)				647000	656000	665000			
10	QPSK	1	1	16.91	17.06	16.93	17.5	0.0	

FR1 n77 PC3/PC2 Part 27Q Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel <td>633332</td> <td>633998</td> <td></td> <td></td> <td colspan="2"></td>				633332	633998				
Frequency (MHz)									
100	PV2 BPSK	1	1	17.11					
100	PV2 BPSK	1	137	17.13			17.5	0.0	
100	PV2 BPSK	1	271	17.09					
100	PV2 BPSK	135	0	16.97			17.5	0.0	
100	PV2 BPSK	135	69	16.98			17.5	0.0	
100	PV2 BPSK	135	138	16.95			17.5	0.0	
100	PV2 BPSK	270	0	17.07					
100	QPSK	1	1	17.14					
100	QPSK	1	137	16.91			17.5	0.0	
100	QPSK	1	271	16.94					
100	QPSK	135	0	16.96			17.5	0.0	
100	QPSK	135	69	17.11			17.5	0.0	
100	QPSK	135	138	16.96			17.5	0.0	
100	QPSK	270	0	17.06			17.5	0.0	
100	15QAM	1	1	16.97			17.5	0.0	
100	15QAM	1	1	17.01			17.5	0.0	
100	250QAM	1	1	16.99			17.5	0.0	
Channel				633000	633332	633666	Tune-up limit (dB)	MPR	
Frequency (MHz)				633000	633332	633666			
90	QPSK	1	1	17.05	17.03	17.03	17.5	0.0	
Channel				632668	633332	634000	Tune-up limit (dB)	MPR	
Frequency (MHz)				632668	633332	634000			
80	QPSK	1	1	17.00	17.07	17.07	17.5	0.0	
Channel				632334	633332	634332	Tune-up limit (dB)	MPR	
Frequency (MHz)				632334	633332	634332			
70	QPSK	1	1	17.07	17.10	17.01	17.5	0.0	
Channel				632000	633332	634666	Tune-up limit (dB)	MPR	
Frequency (MHz)				632000	633332	634666			
60	QPSK	1	1	17.08	16.98	16.96	17.5	0.0	
Channel				631668	633332	635000	Tune-up limit (dB)	MPR	
Frequency (MHz)				631668	633332	635000			
50	QPSK	1	1	16.99	17.00	16.98	17.5	0.0	
Channel				631334	633332	635332	Tune-up limit (dB)	MPR	
Frequency (MHz)				631334	633332	635332			
40	QPSK	1	1	17.01	16.99	16.98	17.5	0.0	
Channel				631000	633332	635666	Tune-up limit (dB)	MPR	
Frequency (MHz)				631000	633332	635666			
30	QPSK	1	1	17.02	17.04	17.05	17.5	0.0	
Channel				630668	633332	636000	Tune-up limit (dB)	MPR	
Frequency (MHz)				630668	633332	636000			
20	QPSK	1	1	17.01	16.96	16.94	17.5	0.0	
Channel				630334	633332	636336	Tune-up limit (dB)	MPR	
Frequency (MHz)				630334	633332	636336			
15	QPSK	1	1	17.05	16.98	16.93	17.5	0.0	
Channel				630000	633332	636666	Tune-up limit (dB)	MPR	
Frequency (MHz)				630000	633332	636666			
10	QPSK	1	1	17.10	17.06	17.07	17.5	0.0	

FR1 n78_PC3/PC2 Part 270 Ant 4							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				650000			
Frequency (MHz)				3750			
100	PI2 BPSK	1	1	17.05			
100	PI2 BPSK	1	137	17.04			
100	PI2 BPSK	1	271	16.94			
100	PI2 BPSK	135	0	16.90		17.5	0.0
100	PI2 BPSK	135	69	16.81		17.5	0.0
100	PI2 BPSK	135	138	16.86		17.5	0.0
100	PI2 BPSK	270	0	16.90		17.5	0.0
100	QPSK	1	1	17.08			
100	QPSK	1	137	16.88		17.5	0.0
100	QPSK	1	271	16.71			
100	QPSK	135	0	16.93		17.5	0.0
100	QPSK	135	69	17.04		17.5	0.0
100	QPSK	135	138	16.78		17.5	0.0
100	QPSK	270	0	16.97		17.5	0.0
100	16QAM	1	1	16.95		17.5	0.0
100	64QAM	1	1	16.88		17.5	0.0
100	256QAM	1	1	16.92		17.5	0.0
Channel				649668	650000	650332	Tune-up
Frequency (MHz)				3745.02	3750	3754.98	limit (dB)
90	QPSK	1	1	16.94	16.99	17.01	17.5 0.0
Channel				649334	650000	650666	Tune-up
Frequency (MHz)				3740.01	3750	3760.99	limit (dB)
80	QPSK	1	1	16.94	17.01	16.94	17.5 0.0
Channel				649000	650000	651000	Tune-up
Frequency (MHz)				3736	3750	3764	limit (dB)
70	QPSK	1	1	17.00	16.94	16.99	17.5 0.0
Channel				648668	650000	651332	Tune-up
Frequency (MHz)				3730.02	3750	3769.98	limit (dB)
60	QPSK	1	1	16.93	16.89	16.90	17.5 0.0
Channel				648334	650000	651666	Tune-up
Frequency (MHz)				3725.01	3750	3774.99	limit (dB)
50	QPSK	1	1	16.94	16.99	16.91	17.5 0.0
Channel				648000	650000	652000	Tune-up
Frequency (MHz)				3720	3750	3760	limit (dB)
40	QPSK	1	1	17.03	16.94	16.93	17.5 0.0
Channel				647668	650000	652332	Tune-up
Frequency (MHz)				3715.02	3750.00	3764.98	limit (dB)
30	QPSK	1	1	16.97	17.03	17.00	17.5 0.0
Channel				647334	650000	652666	Tune-up
Frequency (MHz)				3710.01	3750	3769.99	limit (dB)
20	QPSK	1	1	16.94	17.01	16.95	17.5 0.0
Channel				647000	650000	653000	Tune-up
Frequency (MHz)				3707.52	3750	3762.48	limit (dB)
15	QPSK	1	1	16.94	16.91	17.01	17.5 0.0
Channel				646668	650000	653332	Tune-up
Frequency (MHz)				3705	3750	3765	limit (dB)
10	QPSK	1	1	16.94	16.95	16.96	17.5 0.0

FR1 n78_PC3/PC2 Part 27Q Ant 4							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				633000			
Frequency (MHz)				3499.98			
100	PI2 BPSK	1	1	16.92			
100	PI2 BPSK	1	137	16.89			
100	PI2 BPSK	1	271	17.11			
100	PI2 BPSK	135	0	16.95		17.5	0.0
100	PI2 BPSK	135	69	16.87		17.5	0.0
100	PI2 BPSK	135	138	16.93		17.5	0.0
100	PI2 BPSK	270	0	16.93		17.5	0.0
100	QPSK	1	1	17.13			
100	QPSK	1	137	16.81		17.5	0.0
100	QPSK	1	271	16.74			
100	QPSK	135	0	16.92		17.5	0.0
100	QPSK	135	69	17.06		17.5	0.0
100	QPSK	135	138	16.76		17.5	0.0
100	QPSK	270	0	17.03		17.5	0.0
100	16QAM	1	1	16.88		17.5	0.0
100	64QAM	1	1	16.76		17.5	0.0
100	256QAM	1	1	16.92		17.5	0.0
Channel				633000	633332	633666	Tune-up
Frequency (MHz)				3495	3499.98	3504.99	limit (dB)
90	QPSK	1	1	16.97	17.05	17.08	17.5 0.0
Channel				632668	633332	634000	Tune-up
Frequency (MHz)				3490.02	3499.98	3509	limit (dB)
80	QPSK	1	1	16.96	17.04	17.06	17.5 0.0
Channel				632334	633332	634332	Tune-up
Frequency (MHz)				3485.01	3499.98	3514.98	limit (dB)
70	QPSK	1	1	16.98	17.00	16.96	17.5 0.0
Channel				632000	633332	634666	Tune-up
Frequency (MHz)				3480	3499.98	3519.99	limit (dB)
60	QPSK	1	1	17.06	16.98	16.99	17.5 0.0
Channel				631668	633332	635000	Tune-up
Frequency (MHz)				3475.02	3499.98	3505	limit (dB)
50	QPSK	1	1	17.03	17.08	17.03	17.5 0.0
Channel				631334	633332	635332	Tune-up
Frequency (MHz)				3470.01	3499.98	3509.98	limit (dB)
40	QPSK	1	1	16.94	17.01	16.96	17.5 0.0
Channel				631000	633332	635666	Tune-up
Frequency (MHz)				3465	3499.98	3504.99	limit (dB)
30	QPSK	1	1	17.03	17.01	17.07	17.5 0.0
Channel				630668	633332	636000	Tune-up
Frequency (MHz)				3460.02	3499.98	3509	limit (dB)
20	QPSK	1	1	17.03	17.08	16.98	17.5 0.0
Channel				630500	633332	636166	Tune-up
Frequency (MHz)				3457.5	3499.98	3502.49	limit (dB)
15	QPSK	1	1	17.00	17.08	17.05	17.5 0.0
Channel				630334	633332	636332	Tune-up
Frequency (MHz)				3455.01	3499.98	3504.98	limit (dB)
10	QPSK	1	1	16.99	17.00	17.03	17.5 0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				63000	64166	64632		63332	
Frequency (MHz)				3670	3624.99	3679.98			
40	PV2 BPSK	1	1	17.28	17.28	17.22			
40	PV2 BPSK	1	53	17.25	17.38	17.42	18.5	0.0	
40	PV2 BPSK	1	104	17.37	17.28	17.38			
40	PV2 BPSK	50	0	17.34	17.39	17.24	18.5	0.0	
40	PV2 BPSK	50	26	17.25	17.38	17.31	18.5	0.0	
40	PV2 BPSK	50	50	17.18	17.24	17.21	18.5	0.0	
40	PV2 BPSK	100	0	17.23	17.18	17.40			
40	QPSK	1	1	17.40	17.43	17.32			
40	QPSK	1	53	17.33	17.20	17.35	18.5	0.0	
40	QPSK	1	104	17.23	17.33	17.24			
40	QPSK	50	0	17.38	17.32	17.23	18.5	0.0	
40	QPSK	50	26	17.23	17.41	17.31	18.5	0.0	
40	QPSK	50	50	17.32	17.30	17.22	18.5	0.0	
40	QPSK	100	0	17.35	17.37	17.29	18.5	0.0	
40	16QAM	1	1	17.34	17.35	17.27	18.5	0.0	
40	64QAM	1	1	17.20	17.22	17.31	18.5	0.0	
40	256QAM	1	1	16.37	16.47	16.42	18.5	2.0	
Channel				63768	64166	64566	Tune-up	MPR	
Frequency (MHz)				3661.02	3624.99	3684.99	limit	(dB)	
30	QPSK	1	1	17.29	17.31	17.27	18.5	0.0	
Channel				637334	641666	646000	Tune-up	MPR	
Frequency (MHz)				3660.01	3624.99	3690	limit	(dB)	
20	QPSK	1	1	17.24	17.32	17.21	18.5	0.0	
Channel				637168	641666	646166	Tune-up	MPR	
Frequency (MHz)				3657.52	3624.99	3692.48	limit	(dB)	
15	QPSK	1	1	17.22	17.33	17.13	18.5	0.0	
Channel				637000	641666	646332	Tune-up	MPR	
Frequency (MHz)				3655	3624.99	3694.98	limit	(dB)	
10	QPSK	1	1	17.29	17.38	17.16	18.5	0.0	

FR1 n77 PC3/PC2 Part 270 Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				65000	65000	66200			
Frequency (MHz)				3760	3840	3920			
100	PV2 BPSK	1	1	15.93	15.95	16.04			
100	PV2 BPSK	1	137	15.89	15.89	15.91	16.5	0.0	
100	PV2 BPSK	1	271	16.05	16.04	16.08			
100	PV2 BPSK	135	0	16.01	15.99	15.95	16.5	0.0	
100	PV2 BPSK	135	69	15.98	16.03	16.08	16.5	0.0	
100	PV2 BPSK	135	138	16.08	15.93	16.08	16.5	0.0	
100	PV2 BPSK	270	0	16.06	16.10	16.00			
100	QPSK	1	1	16.09	16.12	16.08			
100	QPSK	1	137	16.04	15.87	15.89	16.5	0.0	
100	QPSK	1	271	16.09	15.99	15.90			
100	QPSK	135	0	15.93	16.05	16.08	16.5	0.0	
100	QPSK	135	69	16.01	16.10	16.03	16.5	0.0	
100	QPSK	135	138	15.97	15.98	15.87	16.5	0.0	
100	QPSK	270	0	15.93	15.97	15.93	16.5	0.0	
100	16QAM	1	1	15.84	15.95	16.08	16.5	0.0	
100	64QAM	1	1	16.04	15.94	15.98	16.5	0.0	
100	256QAM	1	1	16.08	15.95	15.94	16.5	0.0	
Channel				64968	65600	66232	Tune-up	MPR	
Frequency (MHz)				3745.02	3840	3924.98	limit	(dB)	
90	QPSK	1	1	15.92	16.07	16.02	16.5	0.0	
Channel				649334	656000	662666	Tune-up	MPR	
Frequency (MHz)				3740.01	3840	3930.99	limit	(dB)	
80	QPSK	1	1	16.07	16.00	15.90	16.5	0.0	
Channel				649000	656000	663000	Tune-up	MPR	
Frequency (MHz)				3735	3840	3945	limit	(dB)	
70	QPSK	1	1	16.06	16.00	15.94	16.5	0.0	
Channel				648668	656000	663332	Tune-up	MPR	
Frequency (MHz)				3730.02	3840	3940.98	limit	(dB)	
60	QPSK	1	1	15.93	16.00	16.03	16.5	0.0	
Channel				648334	656000	663666	Tune-up	MPR	
Frequency (MHz)				3725.01	3840	3954.99	limit	(dB)	
50	QPSK	1	1	15.92	16.00	15.92	16.5	0.0	
Channel				648000	656000	664000	Tune-up	MPR	
Frequency (MHz)				3720	3840	3960	limit	(dB)	
40	QPSK	1	1	15.91	16.10	15.94	16.5	0.0	
Channel				647668	656000	664332	Tune-up	MPR	
Frequency (MHz)				3715.02	3840	3964.98	limit	(dB)	
30	QPSK	1	1	15.99	16.09	16.02	16.5	0.0	
Channel				647334	656000	664666	Tune-up	MPR	
Frequency (MHz)				3710.01	3840	3969.99	limit	(dB)	
20	QPSK	1	1	16.02	15.98	15.94	16.5	0.0	
Channel				647000	656000	665000	Tune-up	MPR	
Frequency (MHz)				3707.52	3840	3972.48	limit	(dB)	
15	QPSK	1	1	15.90	15.95	15.95	16.5	0.0	
Channel				647000	656000	665000	Tune-up	MPR	
Frequency (MHz)				3705	3840	3975	limit	(dB)	
10	QPSK	1	1	16.03	15.91	15.98	16.5	0.0	

FR1 n77 PC3/PC2 Part 27Q Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	16.18	16.18				
100	PV2 BPSK	1	137	16.02	16.02		16.5	0.0	
100	PV2 BPSK	1	271	16.10	16.10				
100	PV2 BPSK	135	0	16.02	16.02		16.5	0.0	
100	PV2 BPSK	135	69	16.00	16.00		16.5	0.0	
100	PV2 BPSK	135	138	16.10	16.10		16.5	0.0	
100	PV2 BPSK	270	0	16.14	16.14				
100	QPSK	1	1	16.21	16.21				
100	QPSK	1	137	16.07	16.07		16.5	0.0	
100	QPSK	1	271	16.08	16.08				
100	QPSK	135	0	16.04	16.04		16.5	0.0	
100	QPSK	135	69	16.18	16.18		16.5	0.0	
100	QPSK	135	138	16.05	16.05		16.5	0.0	
100	QPSK	270	0	16.14	16.14				
100	16QAM	1	1	15.99	15.99		16.5	0.0	
100	64QAM	1	1	16.20	16.20		16.5	0.0	
100	256QAM	1	1	16.09	16.09		16.5	0.0	
Channel				633000	633332	633666	Tune-up	MPR	
Frequency (MHz)				3465	3469.98	3474.98	limit	(dB)	
90	QPSK	1	1	16.14	16.10	16.11	16.5		
Channel				632668	633332	634000	Tune-up	MPR	
Frequency (MHz)				3460.02	3469.98	3470	limit	(dB)	
80	QPSK	1	1	16.15	16.11	16.01	16.5		
Channel				632334	633332	634332	Tune-up	MPR	
Frequency (MHz)				3455.01	3469.98	3474.98	limit	(dB)	
70	QPSK	1	1	16.00	16.09	16.18	16.5		
Channel				632000	633332	634666	Tune-up	MPR	
Frequency (MHz)				3450	3469.98	3479.98	limit	(dB)	
60	QPSK	1	1	16.13	16.00	16.02	16.5		
Channel				631668	633332	635000	Tune-up	MPR	
Frequency (MHz)				3445.02	3469.98	3475	limit	(dB)	
50	QPSK	1	1	16.05	16.13	16.13	16.5		
Channel				631332	633332	635332	Tune-up	MPR	
Frequency (MHz)				3440.01	3469.98	3473.98	limit	(dB)	
40	QPSK	1	1	16.17	16.10	16.10	16.5		
Channel				631000	633332	635666	Tune-up	MPR	
Frequency (MHz)				3440	3469.98	3473.98	limit	(dB)	
30	QPSK	1	1	16.17	16.10	16.01	16.5		
Channel				630668	633332	636000	Tune-up	MPR	
Frequency (MHz)				3435.02	3469.98	3473.98	limit	(dB)	
20	QPSK	1	1	16.00	16.11	16.13	16.5		
Channel				630300	633332	636166	Tune-up	MPR	
Frequency (MHz)				3435.75	3469.98	3472.49	limit	(dB)	
15	QPSK	1	1	16.22	16.10	16.05	16.5		
Channel				630034	633332	636332	Tune-up	MPR	
Frequency (MHz)				3435.65	3469.98	3474.65	limit	(dB)	
10	QPSK	1	1	16.11	16.05	16.17	16.5		

FR1 n78_PC3/PC2 Part 270 Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel							
Frequency (MHz)							
100	PI2 BPSK	1	1		3790		
100	PI2 BPSK	1	137		15.98		
100	PI2 BPSK	1	271		15.95		
100	PI2 BPSK	1	271		15.89		
100	PI2 BPSK	135	0		15.99		16.5 0.0
100	PI2 BPSK	135	69		15.82		16.5 0.0
100	PI2 BPSK	135	138		15.93		16.5 0.0
100	PI2 BPSK	270	0		15.90		16.5 0.0
100	QPSK	1	1		16.01		
100	QPSK	1	137		15.81		16.5 0.0
100	QPSK	1	271		15.59		
100	QPSK	135	0		15.83		16.5 0.0
100	QPSK	135	69		15.89		16.5 0.0
100	QPSK	135	138		15.87		16.5 0.0
100	QPSK	270	0		15.91		16.5 0.0
100	16QAM	1	1		15.87		16.5 0.0
100	64QAM	1	1		15.84		16.5 0.0
100	256QAM	1	1		15.98		16.5 0.0
Channel							
Frequency (MHz)							
90	QPSK	1	1	649688	650000	650332	Tune-up MPR
Channel							
Frequency (MHz)							
80	QPSK	1	1	649334	650000	650666	Tune-up MPR
Channel							
Frequency (MHz)							
70	QPSK	1	1	649000	650000	651000	Tune-up MPR
Channel							
Frequency (MHz)							
60	QPSK	1	1	648668	650000	651332	Tune-up MPR
Channel							
Frequency (MHz)							
50	QPSK	1	1	648334	650000	651666	Tune-up MPR
Channel							
Frequency (MHz)							
40	QPSK	1	1	648000	650000	652000	Tune-up MPR
Channel							
Frequency (MHz)							
30	QPSK	1	1	647668	650000	652332	Tune-up MPR
Channel							
Frequency (MHz)							
20	QPSK	1	1	647334	650000	652666	Tune-up MPR
Channel							
Frequency (MHz)							
15	QPSK	1	1	647000	650000	653000	Tune-up MPR
Channel							
Frequency (MHz)							
10	QPSK	1	1	646668	650000	653332	Tune-up MPR

FR1 n78_PC3/PC2 Part 27Q Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel							
Frequency (MHz)							
100	PI2 BPSK	1	1		3499.98		
100	PI2 BPSK	1	137		15.99		
100	PI2 BPSK	1	271		16.05		16.5 0.0
100	PI2 BPSK	135	0		16.04		16.5 0.0
100	PI2 BPSK	135	69		15.88		16.5 0.0
100	PI2 BPSK	135	138		15.88		16.5 0.0
100	PI2 BPSK	270	0		16.04		16.5 0.0
100	QPSK	1	1		15.89		16.5 0.0
100	QPSK	1	137		16.07		16.5 0.0
100	QPSK	1	271		16.06		16.5 0.0
100	QPSK	135	0		16.04		16.5 0.0
100	QPSK	135	69		16.01		16.5 0.0
100	QPSK	135	138		16.05		16.5 0.0
100	QPSK	270	0		15.96		16.5 0.0
100	16QAM	1	1		16.01		16.5 0.0
100	64QAM	1	1		15.92		16.5 0.0
100	256QAM	1	1		15.87		16.5 0.0
Channel							
Frequency (MHz)							
90	QPSK	1	1	633000	633332	633666	Tune-up MPR
Channel							
Frequency (MHz)							
80	QPSK	1	1	632668	633332	634000	Tune-up MPR
Channel							
Frequency (MHz)							
70	QPSK	1	1	632334	633332	634332	Tune-up MPR
Channel							
Frequency (MHz)							
60	QPSK	1	1	632000	633332	634666	Tune-up MPR
Channel							
Frequency (MHz)							
50	QPSK	1	1	631668	633332	635000	Tune-up MPR
Channel							
Frequency (MHz)							
40	QPSK	1	1	631334	633332	635332	Tune-up MPR
Channel							
Frequency (MHz)							
30	QPSK	1	1	631000	633332	635666	Tune-up MPR
Channel							
Frequency (MHz)							
20	QPSK	1	1	630668	633332	636000	Tune-up MPR
Channel							
Frequency (MHz)							
15	QPSK	1	1	630334	633332	636332	Tune-up MPR
Channel							
Frequency (MHz)							
10	QPSK	1	1	630000	633332	636666	Tune-up MPR

FR1 n2 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 372000	Power Middle Ch. / Freq. 376000	Power High Ch. / Freq. 380000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	PI/2 BPSK	1	1	22.90	22.91	22.87	24.0	0.0
20	PI/2 BPSK	1	53	22.85	22.68	22.57		
20	PI/2 BPSK	1	104	22.76	22.79	22.69		
20	PI/2 BPSK	50	0	22.64	22.81	22.82	24.0	0.0
20	PI/2 BPSK	50	28	22.64	22.82	22.82	24.0	0.0
20	PI/2 BPSK	50	56	22.80	22.90	22.80	24.0	0.0
20	PI/2 BPSK	100	0	22.75	22.85	22.92	24.0	0.0
20	QPSK	1	1	22.97	23.04	23.02		
20	QPSK	1	53	22.87	22.89	22.75		
20	QPSK	1	104	22.85	22.88	22.82	24.0	0.0
20	QPSK	50	0	22.85	22.88	22.92	24.0	0.0
20	QPSK	50	28	22.86	22.92	22.90	24.0	0.0
20	QPSK	50	56	22.86	22.91	22.82	24.0	0.0
20	QPSK	100	0	22.76	22.85	22.92	24.0	0.0
20	16QAM	1	1	22.92	23.02	23.01	24.0	0.0
20	64QAM	1	1	21.55	21.72	21.70	22.5	1.5
20	256QAM	1	1	19.64	19.70	19.66	20.5	3.5
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.93	22.98	23.02	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.76	22.88	22.83	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.83	22.89	22.81	24.0	0.0

Reduced Power Mode for Hotspot on								
FR1 n7 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 504000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 510000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI/2 BPSK	1	1	22.55	22.72	22.75	24.0	0.0
40	PI/2 BPSK	1	108	22.44	22.77	22.69		
40	PI/2 BPSK	1	214	22.72	22.62	22.53		
40	PI/2 BPSK	108	0	22.73	22.70	22.51	24.0	0.0
40	PI/2 BPSK	108	54	22.45	22.67	22.52	24.0	0.0
40	PI/2 BPSK	108	108	22.33	22.82	22.81	24.0	0.0
40	PI/2 BPSK	216	0	22.56	22.75	22.61	24.0	0.0
40	QPSK	1	1	22.73	22.84	22.81		
40	QPSK	1	108	22.61	22.78	22.69		
40	QPSK	1	214	22.72	22.76	22.58	24.0	0.0
40	QPSK	108	0	22.73	22.70	22.60	24.0	0.0
40	QPSK	108	54	22.55	22.83	22.52	24.0	0.0
40	QPSK	108	108	22.52	22.79	22.70	24.0	0.0
40	QPSK	216	0	22.56	22.81	22.67	24.0	0.0
40	16QAM	1	1	22.86	22.67	22.62	24.0	0.0
40	64QAM	1	1	21.32	21.31	21.31	22.5	1.5
40	256QAM	1	1	19.22	19.28	19.22	20.5	3.5
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.72	22.79	22.77	24.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	22.59	22.67	22.71	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.52	22.66	22.75	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.58	22.79	22.69	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.59	22.68	22.60	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.61	22.75	22.71	24.0	0.0

FR1 n25 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 374000	Power Middle Ch. / Freq. 376500	Power High Ch. / Freq. 379000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI/2 BPSK	1	1	22.96	22.97	22.74	24.0	0.0
40	PI/2 BPSK	1	108	22.87	22.80	22.65		
40	PI/2 BPSK	1	214	22.75	22.82	22.79		
40	PI/2 BPSK	108	0	22.82	22.87	22.76	24.0	0.0
40	PI/2 BPSK	108	54	22.80	22.80	22.79	24.0	0.0
40	PI/2 BPSK	108	108	22.74	22.69	22.80	24.0	0.0
40	PI/2 BPSK	216	0	22.67	22.98	22.65	24.0	0.0
40	QPSK	1	1	22.97	23.02	22.95		
40	QPSK	1	108	22.95	22.86	22.81		
40	QPSK	1	214	22.84	22.81	22.78	24.0	0.0
40	QPSK	108	0	22.80	22.94	22.80	24.0	0.0
40	QPSK	108	54	22.88	22.95	22.83	24.0	0.0
40	QPSK	108	108	22.93	22.81	22.84	24.0	0.0
40	QPSK	216	0	22.76	22.99	22.78	24.0	0.0
40	16QAM	1	1	22.95	22.78	22.77	24.0	0.0
40	64QAM	1	1	21.41	21.48	21.20	22.5	1.5
40	256QAM	1	1	19.54	19.42	19.27	20.5	3.5
Channel								
Frequency (MHz)								
35	QPSK	1	1	22.90	22.89	22.94	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.76	22.98	22.74	24.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	22.81	22.99	22.94	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.94	22.87	22.95	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.95	23.01	22.84	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.98	22.91	22.74	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.89	22.94	22.87	24.0	0.0

FR1 n30 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2310					
Frequency (MHz)									
10	PI/2 BPSK	1	1	21.64			23.0	0.0	
10	PI/2 BPSK	1	26	21.63					
10	PI/2 BPSK	1	50	21.51			23.0	0.0	
10	PI/2 BPSK	25	0	21.85					
10	PI/2 BPSK	25	14	21.74			23.0	0.0	
10	PI/2 BPSK	25	27	21.57					
10	PI/2 BPSK	50	0	21.69			23.0	0.0	
10	QPSK	1	1	21.88					
10	QPSK	1	26	21.63			23.0	0.0	
10	QPSK	1	50	21.71					
10	QPSK	25	0	21.81			23.0	0.0	
10	QPSK	25	14	21.85					
10	QPSK	25	27	21.69			23.0	0.0	
10	QPSK	50	0	21.78					
10	16QAM	1	1	21.75			23.0	0.0	
10	64QAM	1	1	21.52					
10	256QAM	1	1	19.35			20.5	2.5	
Channel				461500	462000	462500	Tune-up limit		
Frequency (MHz)				2307.5	2310	2312.5	MPR (dB)		
5	QPSK	1	1	21.74	21.77	21.76	23.0	0.0	

FR1 n66 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				346000					
Frequency (MHz)				1720			1745		
40	PI2 BPSK	1	1	23.13	22.97	23.01	24.0	0.0	
40	PI2 BPSK	1	108	22.77	22.79	22.80			
40	PI2 BPSK	1	214	22.61	22.81	22.77	24.0	0.0	
40	PI2 BPSK	108	0	23.06	22.84	22.82			
40	PI2 BPSK	108	54	22.69	22.84	22.82	24.0	0.0	
40	PI2 BPSK	108	108	22.53	22.75	22.52			
40	PI2 BPSK	216	0	22.58	22.73	22.50	24.0	0.0	
40	QPSK	1	1	23.12	23.15	23.11			
40	QPSK	1	108	22.84	23.00	22.79	24.0	0.0	
40	QPSK	1	214	22.81	22.93	22.88			
40	QPSK	108	0	23.11	23.13	22.97	24.0	0.0	
40	QPSK	108	54	22.96	23.15	22.84			
40	QPSK	108	108	22.74	22.88	22.66	24.0	0.0	
40	QPSK	216	0	22.64	22.73	22.59			
40	16QAM	1	1	22.91	23.11	22.97	24.0	0.0	
40	64QAM	1	1	21.84	21.88	21.85			
40	256QAM	1	1	19.87	20.06	20.05	20.5	3.5	
Channel				345500	346000	346500	Tune-up limit		
Frequency (MHz)				1727.5	1745	1762.5	MPR (db)		
35	QPSK	1	1	23.14	23.01	22.96	24.0	0.0	
Channel				345000	346000	346000			
Frequency (MHz)				1725	1745	1765	Tune-up limit		
30	QPSK	1	1	23.02	23.04	22.92	24.0	0.0	
Channel				344500	346000	346500			
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit		
25	QPSK	1	1	23.02	23.01	22.89	24.0	0.0	
Channel				344000	346000	346000			
Frequency (MHz)				1720	1745	1760	Tune-up limit		
20	QPSK	1	1	23.13	23.10	23.07	24.0	0.0	
Channel				343500	346000	346500			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit		
15	QPSK	1	1	22.93	22.98	23.03	24.0	0.0	
Channel				343000	346000	346000			
Frequency (MHz)				1715	1745	1775	Tune-up limit		
10	QPSK	1	1	23.04	23.04	23.00	24.0	0.0	
Channel				342500	346000	346500			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit		
5	QPSK	1	1	23.07	22.97	23.09	24.0	0.0	

FR1 n2 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1850	1880	1900			
Frequency (MHz)									
20	PI/2 BPSK	1	1	22.32	22.20	22.43			
20	PI/2 BPSK	1	53	22.30	22.21	22.33	24.0	0.0	
20	PI/2 BPSK	1	104	22.29	22.45	22.29			
20	PI/2 BPSK	50	0	22.17	22.34	22.35	24.0	0.0	
20	PI/2 BPSK	50	28	22.32	22.28	22.17	24.0	0.0	
20	PI/2 BPSK	50	56	22.30	22.36	22.43	24.0	0.0	
20	PI/2 BPSK	100	0	22.37	22.39	22.43			
20	QPSK	1	1	22.49	22.51	22.38			
20	QPSK	1	53	22.28	22.41	22.40	24.0	0.0	
20	QPSK	1	104	22.21	22.37	22.15			
20	QPSK	50	0	22.37	22.33	22.21	24.0	0.0	
20	QPSK	50	28	22.42	22.43	22.25	24.0	0.0	
20	QPSK	50	56	22.18	22.37	22.15	24.0	0.0	
20	QPSK	100	0	22.22	22.42	22.27			
20	16QAM	1	1	22.46	22.47	22.26	24.0	0.0	
20	64QAM	1	1	21.16	21.16	21.07	22.5	1.5	
20	256QAM	1	1	18.59	19.18	19.02	20.5	3.5	
Channel				314500	316100	318050	Tune-up	MPR	
Frequency (MHz)				1857.5	1880	1902.5	limit		
15	QPSK	1	1	22.38	22.47	22.17	24.0	0.0	
Channel				371000	375000	381000	Tune-up	MPR	
Frequency (MHz)				1855	1880	1905	limit		
10	QPSK	1	1	22.36	22.46	22.22	24.0	0.0	
Channel				370500	376000	381500	Tune-up	MPR	
Frequency (MHz)				1852.5	1880	1907.5	limit		
5	QPSK	1	1	22.47	22.30	22.32	24.0	0.0	

FR1 n5 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				834	836.5	839			
Frequency (MHz)									
20	PI/2 BPSK	1	1	23.11	23.13	23.13			
20	PI/2 BPSK	1	53	22.99	23.07	23.04	24.0	0.0	
20	PI/2 BPSK	1	104	23.23	23.29	23.31			
20	PI/2 BPSK	50	0	23.20	23.12	23.02	24.0	0.0	
20	PI/2 BPSK	50	28	23.07	23.06	23.22	24.0	0.0	
20	PI/2 BPSK	50	56	23.13	23.14	23.11	24.0	0.0	
20	PI/2 BPSK	100	0	23.29	23.25	23.20			
20	QPSK	1	1	23.27	23.35	23.34			
20	QPSK	1	53	23.14	23.30	23.16	24.0	0.0	
20	QPSK	1	104	23.09	23.14	23.12			
20	QPSK	50	0	23.16	23.29	23.23	24.0	0.0	
20	QPSK	50	28	23.19	23.31	23.18	24.0	0.0	
20	QPSK	50	56	23.05	23.24	23.23	24.0	0.0	
20	QPSK	100	0	23.25	23.26	23.14			
20	16QAM	1	1	23.34	23.32	23.19	24.0	0.0	
20	64QAM	1	1	22.08	22.09	22.02	22.5	1.5	
20	256QAM	1	1	19.95	20.09	20.01	20.5	3.5	
Channel				163300	163800	164300	Tune-up	MPR	
Frequency (MHz)				831.5	836.5	841.5	limit		
15	QPSK	1	1	23.14	23.26	23.16	24.0	0.0	
Channel				165300	167300	169300	Tune-up	MPR	
Frequency (MHz)				829	836.5	844	limit		
10	QPSK	1	1	23.20	23.31	23.34	24.0	0.0	
Channel				165300	167300	169300	Tune-up	MPR	
Frequency (MHz)				824.5	836.5	846.5	limit		
5	QPSK	1	1	23.27	23.33	23.19	24.0	0.0	

FR1 n7 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2530	2535	2550			
Frequency (MHz)									
40	PI/2 BPSK	1	1	21.83	21.84	21.92			
40	PI/2 BPSK	1	108	21.54	21.68	21.56	23.0	0.0	
40	PI/2 BPSK	1	214	21.70	21.54	21.73			
40	PI/2 BPSK	108	0	21.52	21.51	21.60	23.0	0.0	
40	PI/2 BPSK	108	54	21.55	21.53	21.46	23.0	0.0	
40	PI/2 BPSK	108	108	21.64	21.64	21.58			
40	PI/2 BPSK	216	0	21.67	21.94	21.79	23.0	0.0	
40	QPSK	1	1	21.87	22.00	21.94			
40	QPSK	1	108	21.74	21.90	21.81	23.0	0.0	
40	QPSK	1	214	21.62	21.76	21.59			
40	QPSK	108	0	21.61	21.74	21.64	23.0	0.0	
40	QPSK	108	54	21.54	21.75	21.44	23.0	0.0	
40	QPSK	108	108	21.44	21.63	21.42			
40	QPSK	216	0	21.70	21.74	21.66	23.0	0.0	
40	16QAM	1	1	21.67	21.82	21.73	23.0	0.0	
40	64QAM	1	1	20.21	20.38	20.18	21.5	1.5	
40	256QAM	1	1	18.31	18.47	18.41	19.5	3.5	
Channel				503000	507000	511000	Tune-up	MPR	
Frequency (MHz)				2515	2535	2555	limit		
30	QPSK	1	1	21.78	21.99	21.89	23.0	0.0	
Channel				502500	507000	511500	Tune-up	MPR	
Frequency (MHz)				2512.5	2535	2557.5	limit		
25	QPSK	1	1	21.68	21.94	21.81	23.0	0.0	
Channel				502000	507000	512000	Tune-up	MPR	
Frequency (MHz)				2510	2535	2560	limit		
20	QPSK	1	1	21.86	21.83	21.83	23.0	0.0	
Channel				501500	507000	512500	Tune-up	MPR	
Frequency (MHz)				2507.5	2535	2562.5	limit		
15	QPSK	1	1	21.72	21.94	21.73	23.0	0.0	
Channel				501000	507000	513000	Tune-up	MPR	
Frequency (MHz)				2505	2535	2565	limit		
10	QPSK	1	1	21.76	21.91	21.84	23.0	0.0	
Channel				500500	507000	513500	Tune-up	MPR	
Frequency (MHz)				2502.5	2535	2567.5	limit		
5	QPSK	1	1	21.86	21.79	21.76	23.0	0.0	

FR1 n12 Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low		Power Middle		Power High		Tune-up limit (dBm)	MPR (dB)
				Ch. / Freq. 1413.00	Ch. / Freq. 1415.00	Ch. / Freq. 1415.00	Ch. / Freq. 1417.00	Ch. / Freq. 1417.00			
Channel Frequency (MHz)				705.5	707.5	709.5					
15	PI/2 BPSK	1	1	23.08	23.15	23.12	24.0	0.0			
15	PI/2 BPSK	1	40	22.79	23.02	23.05					
15	PI/2 BPSK	1	77	23.25	23.20	23.33					
15	PI/2 BPSK	36	0	23.12	22.93	23.03	24.0	0.0			
15	PI/2 BPSK	36	22	22.85	22.90	23.00	24.0	0.0			
15	PI/2 BPSK	36	43	22.93	22.97	23.10	24.0	0.0			
15	PI/2 BPSK	75	0	23.30	23.25	22.98	24.0	0.0			
15	QPSK	1	1	23.31	23.39	23.24	24.0	0.0			
15	QPSK	1	40	23.07	23.20	23.13					
15	QPSK	1	77	23.09	23.13	22.96					
15	QPSK	36	0	23.03	23.18	23.18	24.0	0.0			
15	QPSK	36	22	22.91	23.19	23.10	24.0	0.0			
15	QPSK	36	43	22.97	23.07	23.09	24.0	0.0			
15	QPSK	75	0	23.25	23.27	22.97	24.0	0.0			
15	16QAM	1	1	23.30	23.29	23.10	24.0	0.0			
15	64QAM	1	1	22.01	21.87	21.82	22.5	1.5			
15	256QAM	1	1	19.81	20.09	19.82	20.5	3.5			
Channel				1408.00	1415.00	1422.00	Tune-up	MPR			
Frequency (MHz)				704	707.5	711	limit	(dB)			
10	QPSK	1	1	23.13	23.31	23.08	24.0	0.0			
Channel				1403.00	1415.00	1422.00	Tune-up	MPR			
Frequency (MHz)				701.5	707.5	713.5	limit	(dB)			
5	QPSK	1	1	23.12	23.28	23.23	24.0	0.0			

FR1 n13 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power		Power		Tune-up limit (dbm)	MPR (db)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				759		156400			
Frequency (MHz)									
10	PI/2 BPSK	1	1		23.00		24.0	0.0	
10	PI/2 BPSK	1	26		23.07				
10	PI/2 BPSK	1	50		22.98				
10	PI/2 BPSK	25	0		22.97		24.0	0.0	
10	PI/2 BPSK	25	14		22.87		24.0	0.0	
10	PI/2 BPSK	25	27		22.82		24.0	0.0	
10	PI/2 BPSK	50	0		22.98		24.0	0.0	
10	QPSK	1	1		23.12		24.0	0.0	
10	QPSK	1	26		23.11				
10	QPSK	1	50		23.09				
10	QPSK	25	0		23.00		24.0	0.0	
10	QPSK	25	14		23.05		24.0	0.0	
10	QPSK	25	27		23.03		24.0	0.0	
10	QPSK	50	0		23.10		24.0	0.0	
10	16QAM	1	1		23.11		24.0	0.0	
10	64QAM	1	1		21.85		22.5	1.5	
10	256QAM	1	1		19.82		20.5	3.5	
Channel				155900	156400	156900	limit	MPR	
Frequency (MHz)				779.5	782	784.5	limit	(db)	
5	QPSK	1	1	23.07	22.91	22.92	24.0	0.0	

FR1 n14 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				793					
Frequency (MHz)				158600					
10	PI/2 BPSK	1	1		23.13		24.0	0.0	
10	PI/2 BPSK	1	26		23.09				
10	PI/2 BPSK	1	50		23.02				
10	PI/2 BPSK	25	0		23.18		24.0	0.0	
10	PI/2 BPSK	25	14		23.18		24.0	0.0	
10	PI/2 BPSK	25	27		23.15		24.0	0.0	
10	PI/2 BPSK	50	0		23.08		24.0	0.0	
10	QPSK	1	1		23.31		24.0	0.0	
10	QPSK	1	26		23.30				
10	QPSK	1	50		23.22				
10	QPSK	25	0		23.21		24.0	0.0	
10	QPSK	25	14		23.27		24.0	0.0	
10	QPSK	25	27		23.24		24.0	0.0	
10	QPSK	50	0		23.30		24.0	0.0	
10	16QAM	1	1		23.29		24.0	0.0	
10	64QAM	1	1		21.88		22.5	1.5	
10	256QAM	1	1		19.76		20.5	3.5	
Channel				158100	158600	159100	limit	MPR	
Frequency (MHz)				790.5	793	795.5	limit	(dB)	
5	QPSK	1	1	23.30	23.14	23.23	24.0	0.0	

FR1 n25 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 374000	Power Middle Ch. / Freq. 376500	Power High Ch. / Freq. 379000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI/2 BPSK	1	1	22.16	22.34	22.22			
40	PI/2 BPSK	1	108	22.16	22.29	22.27	24.0	0.0	
40	PI/2 BPSK	1	214	22.11	22.06	22.27			
40	PI/2 BPSK	108	0	22.08	22.14	22.09	24.0	0.0	
40	PI/2 BPSK	108	54	22.13	22.06	22.27	24.0	0.0	
40	PI/2 BPSK	108	108	22.22	22.20	22.19	24.0	0.0	
40	PI/2 BPSK	216	0	22.24	22.38	22.20			
40	QPSK	1	1	22.38	22.49	22.41			
40	QPSK	1	108	22.21	22.34	22.35	24.0	0.0	
40	QPSK	1	214	22.12	22.32	22.26			
40	QPSK	108	0	22.18	22.27	22.09	24.0	0.0	
40	QPSK	108	54	22.09	22.29	22.18	24.0	0.0	
40	QPSK	108	108	22.05	22.26	22.25	24.0	0.0	
40	QPSK	216	0	22.25	22.39	22.29	24.0	0.0	
40	64QAM	1	1	21.21	21.39	21.27	24.0	0.0	
40	64QAM	1	1	20.94	21.03	21.00	22.5	1.5	
40	256QAM	1	1	18.99	19.08	18.87	20.5	3.5	
Channel									
Frequency (MHz)									
35	QPSK	1	1	22.19	22.45	22.23	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.18	22.42	22.42	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.19	22.40	22.28	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.20	22.55	22.30	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.34	22.42	22.36	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.29	22.38	22.27	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.38	22.49	22.28	24.0	0.0	

FR1 n26 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164800	Power Middle Ch. / Freq. 166300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI/2 BPSK	1	1	23.11	22.93	22.94			
20	PI/2 BPSK	1	53	23.09	23.17	23.24	24.0	0.0	
20	PI/2 BPSK	1	104	23.23	23.10	23.10			
20	PI/2 BPSK	50	0	23.13	23.09	23.14	24.0	0.0	
20	PI/2 BPSK	50	28	23.19	23.14	23.29	24.0	0.0	
20	PI/2 BPSK	50	56	23.21	23.16	23.15	24.0	0.0	
20	PI/2 BPSK	100	0	23.14	23.22	23.26			
20	QPSK	1	1	23.22	23.34	23.23			
20	QPSK	1	53	22.96	23.14	23.12	24.0	0.0	
20	QPSK	1	104	23.06	23.24	23.25			
20	QPSK	50	0	23.08	23.23	23.01	24.0	0.0	
20	QPSK	50	28	23.23	23.31	23.11	24.0	0.0	
20	QPSK	50	56	23.11	23.29	23.19			
20	QPSK	100	0	23.16	23.30	23.15	24.0	0.0	
20	16QAM	1	1	23.32	23.32	23.18	24.0	0.0	
20	64QAM	1	1	21.84	21.92	21.91	22.5	1.5	
20	256QAM	1	1	19.86	19.91	19.70	20.5	3.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.15	23.16	23.24	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.12	23.25	23.17	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	23.17	23.22	23.13	24.0	0.0	

FR1 n30 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	PI/2 BPSK	1	1		22.21				
10	PI/2 BPSK	1	26		22.15		23.0	0.0	
10	PI/2 BPSK	1	50		22.07				
10	PI/2 BPSK	25	0		21.92		23.0	0.0	
10	PI/2 BPSK	25	14		21.81		23.0	0.0	
10	PI/2 BPSK	25	27		21.96		23.0	0.0	
10	PI/2 BPSK	50	0		22.01				
10	QPSK	1	1		22.25				
10	QPSK	1	26		22.22		23.0	0.0	
10	QPSK	1	50		22.23				
10	QPSK	25	0		22.03		23.0	0.0	
10	QPSK	25	14		22.10		23.0	0.0	
10	QPSK	25	27		22.09		23.0	0.0	
10	QPSK	50	0		22.01		23.0	0.0	
10	16QAM	1	1		22.12		23.0	0.0	
10	64QAM	1	1		20.84		21.5	1.5	
10	256QAM	1	1		18.65		19.5	3.5	
Channel									
Frequency (MHz)									
5	QPSK	1	1	23.07.5	23.10	23.12.5	22.09	23.0	0.0

FR1 n66 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq. 346000	Middle Ch. / Freq. 349000	Power High Ch. / Freq. 355000			
Channel									
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	22.03	22.08	22.03			
40	PI/2 BPSK	1	108	22.01	22.09	22.07	24.0	0.0	
40	PI/2 BPSK	1	214	22.32	22.39	22.36			
40	PI/2 BPSK	108	0	22.20	22.23	22.18	24.0	0.0	
40	PI/2 BPSK	108	54	22.09	22.11	22.12	24.0	0.0	
40	PI/2 BPSK	108	108	22.11	22.32	22.33	24.0	0.0	
40	QPSK	1	1	22.37	22.24	22.29			
40	QPSK	1	108	22.44	22.45	22.24			
40	QPSK	1	214	22.02	22.15	22.05	24.0	0.0	
40	QPSK	108	0	22.27	22.24	22.37	24.0	0.0	
40	QPSK	108	54	22.25	22.35	22.25	24.0	0.0	
40	QPSK	108	108	22.12	22.22	22.13	24.0	0.0	
40	QPSK	216	0	22.26	22.32	22.28			
40	16QAM	1	1	22.35	22.44	22.41	24.0	0.0	
40	64QAM	1	1	21.06	21.11	21.02	22.5	1.5	
40	256QAM	1	1	19.08	19.23	19.18	20.5	3.5	
Channel				345500	349000	352500			MPR
Frequency (MHz)				1727.5	1745	1762.5	limit		(dB)
35	QPSK	1	1	22.23	22.40	22.05	24.0	0.0	
Channel				345000	349000	353000			MPR
Frequency (MHz)				1725	1745	1765	limit		(dB)
30	QPSK	1	1	22.44	22.25	22.07	24.0	0.0	
Channel				344500	349000	353500			MPR
Frequency (MHz)				1722.5	1745	1767.5	limit		(dB)
25	QPSK	1	1	22.30	22.37	22.15	24.0	0.0	
Channel				344000	349000	354000			MPR
Frequency (MHz)				1720	1745	1770	limit		(dB)
20	QPSK	1	1	22.30	22.26	22.07	24.0	0.0	
Channel				343500	349000	354500			MPR
Frequency (MHz)				1717.5	1745	1772.5	limit		(dB)
15	QPSK	1	1	22.36	22.26	22.21	24.0	0.0	
Channel				343000	349000	355000			MPR
Frequency (MHz)				1715	1745	1775	limit		(dB)
10	QPSK	1	1	22.43	22.25	22.21	24.0	0.0	
Channel				342500	349000	355500			MPR
Frequency (MHz)				1712.5	1745	1777.5	limit		(dB)
5	QPSK	1	1	22.22	22.43	22.16	24.0	0.0	

FR1 n71 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	PI/2 BPSK	1	1	22.88	22.92	23.03			
20	PI/2 BPSK	1	53	22.49	22.75	22.84	24.0	0.0	
20	PI/2 BPSK	1	104	22.97	22.94	23.12			
20	PI/2 BPSK	50	0	22.82	22.77	22.81	24.0	0.0	
20	PI/2 BPSK	50	28	22.54	22.81	22.74	24.0	0.0	
20	PI/2 BPSK	50	56	22.82	22.74	22.89	24.0	0.0	
20	PI/2 BPSK	100	0	23.04	22.96	22.82			
20	QPSK	1	1	23.17	23.22	23.18			
20	QPSK	1	53	23.07	23.01	23.10	24.0	0.0	
20	QPSK	1	104	23.10	22.82	22.81			
20	QPSK	50	0	23.04	23.05	23.10	24.0	0.0	
20	QPSK	50	28	22.81	23.12	22.81	24.0	0.0	
20	QPSK	50	56	22.78	23.07	23.00	24.0	0.0	
20	QPSK	100	0	23.14	23.15	22.97			
20	16QAM	1	1	23.17	23.21	22.99	24.0	0.0	
20	64QAM	1	1	22.02	21.82	21.71	22.5	1.5	
20	256QAM	1	1	19.68	20.08	19.68	20.5	3.5	
Channel				134100	135100	136100	Tune-up	MPR	
Frequency (MHz)				670.5	680.5	690.5	limit		
15	QPSK	1	1	23.00	23.08	23.03	24.0	0.0	
Channel				133500	135100	136600	Tune-up	MPR	
Frequency (MHz)				665	680.5	693	limit		
10	QPSK	1	1	22.99	22.94	23.09	24.0	0.0	
Channel				133100	136100	139100	Tune-up	MPR	
Frequency (MHz)				665.5	680.5	695.5	limit		
5	QPSK	1	1	22.92	23.04	23.06	24.0	0.0	

FR1 n30 Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				462000			24.0	0.0
Frequency (MHz)				2310				
10	PI/2 BPSK	1	1		23.01		24.0	0.0
10	PI/2 BPSK	1	26		22.79			
10	PI/2 BPSK	1	50		22.84			
10	PI/2 BPSK	25	0		22.87		24.0	0.0
10	PI/2 BPSK	25	14		22.86		24.0	0.0
10	PI/2 BPSK	25	27		22.70		24.0	0.0
10	PI/2 BPSK	50	0		22.77			
10	QPSK	1	1		23.08		24.0	0.0
10	QPSK	1	26		22.94			
10	QPSK	1	50		23.05			
10	QPSK	25	0		22.87		24.0	0.0
10	QPSK	25	14		22.90		24.0	0.0
10	QPSK	25	27		22.87		24.0	0.0
10	QPSK	50	0		22.92			
10	16QAM	1	1		23.05		24.0	0.0
10	64QAM	1	1		21.79		22.5	1.5
10	256QAM	1	1		19.55		20.5	3.5
Channel				461500	462000	462500	Tune-up	MPR
Frequency (MHz)				2307.5	2310	2312.5	limit	(dB)
5	QPSK	1	1	22.98	23.00	23.07	24.0	0.0

FR1 n2 Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1850 372000	1880 376000	1900 380000		
Frequency (MHz)				1850	1880	1900		
20	PI/2 BPSK	1	1	20.62	20.67	20.73		
20	PI/2 BPSK	1	53	20.70	20.72	20.55	21.5	0.0
20	PI/2 BPSK	1	104	20.61	20.66	20.63		
20	PI/2 BPSK	50	0	20.61	20.69	20.71	21.5	0.0
20	PI/2 BPSK	50	28	20.58	20.55	20.50	21.5	0.0
20	PI/2 BPSK	50	56	20.64	20.65	20.62		
20	PI/2 BPSK	100	0	20.72	20.72	20.64	21.5	0.0
20	QPSK	1	1	20.78	20.88	20.75		
20	QPSK	1	53	20.78	20.74	20.77	21.5	0.0
20	QPSK	1	104	20.68	20.75	20.69		
20	QPSK	50	0	20.64	20.64	20.63	21.5	0.0
20	QPSK	50	28	20.69	20.73	20.70	21.5	0.0
20	QPSK	50	56	20.72	20.68	20.64		
20	QPSK	100	0	20.64	20.70	20.68	21.5	0.0
20	16QAM	1	1	20.63	20.74	20.68	21.5	0.0
20	64QAM	1	1	20.73	20.73	20.66	21.5	0.0
20	256QAM	1	1	19.64	19.60	19.58	20.5	1.0
Channel				374500	376200	380000	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	limit	(dB)
15	QPSK	1	1	20.63	20.62	20.76	21.5	0.0
Channel				371600	375000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	limit	(dB)
10	QPSK	1	1	20.66	20.70	20.55	21.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	limit	(dB)
5	QPSK	1	1	20.49	20.71	20.55	21.5	0.0

FR1 n25 Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1870 374000	1892.5 376500	1895 379000		
Frequency (MHz)				1870	1892.5	1895		
40	PI/2 BPSK	1	1	20.71	20.75	20.78		
40	PI/2 BPSK	1	108	20.78	20.72	20.64	21.5	0.0
40	PI/2 BPSK	1	214	20.63	20.77	20.69		
40	PI/2 BPSK	108	0	20.69	20.70	20.71	21.5	0.0
40	PI/2 BPSK	108	54	20.57	20.51	20.62	21.5	0.0
40	PI/2 BPSK	108	108	20.65	20.70	20.64		
40	PI/2 BPSK	216	0	20.81	20.75	20.64	21.5	0.0
40	QPSK	1	1	20.75	20.96	20.80		
40	QPSK	1	108	20.80	20.80	20.75	21.5	0.0
40	QPSK	1	214	20.72	20.78	20.71		
40	QPSK	108	0	20.73	20.73	20.77	21.5	0.0
40	QPSK	108	54	20.75	20.84	20.72	21.5	0.0
40	QPSK	108	108	20.69	20.79	20.70		
40	QPSK	216	0	20.68	20.73	20.72	21.5	0.0
40	16QAM	1	1	20.69	20.72	20.73	21.5	0.0
40	64QAM	1	1	20.71	20.81	20.77	21.5	0.0
40	256QAM	1	1	19.95	20.08	19.98	20.5	1.0
Channel				376500	376500	376500	Tune-up limit	MPR
Frequency (MHz)				1887.5	1892.5	1897.5	limit	(dB)
35	QPSK	1	1	20.61	20.55	20.64	21.5	0.0
Channel				373000	376500	380000	Tune-up limit	MPR
Frequency (MHz)				1865	1892.5	1900	limit	(dB)
30	QPSK	1	1	20.47	20.52	20.57	21.5	0.0
Channel				372500	376500	380500	Tune-up limit	MPR
Frequency (MHz)				1862.5	1892.5	1902.5	limit	(dB)
25	QPSK	1	1	20.68	20.64	20.55	21.5	0.0
Channel				372000	376500	381000	Tune-up limit	MPR
Frequency (MHz)				1860	1892.5	1905	limit	(dB)
20	QPSK	1	1	20.70	20.71	20.61	21.5	0.0
Channel				371500	376500	381500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1892.5	1907.5	limit	(dB)
15	QPSK	1	1	20.74	20.83	20.70	21.5	0.0
Channel				371000	376500	382000	Tune-up limit	MPR
Frequency (MHz)				1855	1892.5	1910	limit	(dB)
10	QPSK	1	1	20.75	20.76	20.77	21.5	0.0
Channel				370500	376500	382500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1892.5	1912.5	limit	(dB)
5	QPSK	1	1	20.66	20.70	20.73	21.5	0.0

FR1 n66 Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1730 346000	1745 349000	1760 352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.05	18.99	18.96		
40	PI/2 BPSK	1	108	19.11	18.83	18.84	20.0	0.0
40	PI/2 BPSK	1	214	18.79	19.04	18.83		
40	PI/2 BPSK	108	0	18.87	19.16	18.78	20.0	0.0
40	PI/2 BPSK	108	54	18.96	18.97	18.85	20.0	0.0
40	PI/2 BPSK	108	108	18.77	19.00	18.65		
40	PI/2 BPSK	216	0	19.01	18.95	18.99	20.0	0.0
40	QPSK	1	1	19.14	19.27	19.10		
40	QPSK	1	108	19.06	19.03	19.05	20.0	0.0
40	QPSK	1	214	18.89	19.04	18.84		
40	QPSK	108	0	18.88	19.19	18.89	20.0	0.0
40	QPSK	108	54	18.86	19.13	18.87	20.0	0.0
40	QPSK	108	108	18.86	19.08	18.79		
40	QPSK	216	0	18.96	19.09	18.96	20.0	0.0
40	16QAM	1	1	18.98	19.14	18.97	20.0	0.0
40	64QAM	1	1	18.96	19.21	18.91	20.0	0.0
40	256QAM	1	1	19.10	19.06	18.93	20.0	0.0
Channel				348500	349000	352000	Tune-up limit	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	19.05	18.87	18.86	20.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	18.63	19.03	18.66	20.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	18.89	18.80	18.79	20.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	19.74	19.01	18.70	20.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	19.68	19.00	18.73	20.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	19.10	18.78	18.77	20.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	18.89	18.97	18.88	20.0	0.0

FR1 n38 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2500	2595	2600			
Frequency (MHz)									
40	PI/2 BPSK	1	1	22.91	22.94	22.85			
40	PI/2 BPSK	1	53	22.70	22.83	22.75	24.0	0.0	
40	PI/2 BPSK	1	104	22.70	22.84	22.82			
40	PI/2 BPSK	50	0	22.21	22.42	22.21	23.5	0.5	
40	PI/2 BPSK	50	28	22.68	22.89	22.51	24.0	0.0	
40	PI/2 BPSK	50	56	22.23	22.32	22.36	23.5	0.5	
40	PI/2 BPSK	100	0	22.39	22.41	22.31			
40	QPSK	1	1	22.86	22.95	22.91			
40	QPSK	1	53	22.83	22.88	22.74	24.0	0.0	
40	QPSK	1	104	22.86	22.78	22.89			
40	QPSK	50	0	21.67	21.87	21.66	23.0	1.0	
40	QPSK	50	28	22.71	22.85	22.79	24.0	0.0	
40	QPSK	50	56	21.58	21.90	21.66	23.0	1.0	
40	QPSK	100	0	21.75	21.62	21.60			
40	16QAM	1	1	22.19	22.02	22.06	23.0	1.0	
40	64QAM	1	1	20.81	20.77	20.62	21.5	2.5	
40	256QAM	1	1	18.45	18.54	18.44	19.5	4.5	
Channel				511000	519000	520000	Tune-up	MPR	
Frequency (MHz)				2585	2595	2605	limit	(dB)	
30	QPSK	1	1	22.83	22.83	22.76	24.0	0.0	
Channel				516000	519000	520000	Tune-up	MPR	
Frequency (MHz)				2580	2595	2610	limit	(dB)	
20	QPSK	1	1	22.64	22.93	22.70	24.0	0.0	
Channel				515500	519000	525500	Tune-up	MPR	
Frequency (MHz)				2571.5	2605	2612.5	limit	(dB)	
15	QPSK	1	1	22.75	22.86	22.73	24.0	0.0	
Channel				515000	519000	523000	Tune-up	MPR	
Frequency (MHz)				2515	2595	2615	limit	(dB)	
10	QPSK	1	1	22.82	22.80	22.83	24.0	0.0	

FR1 n41 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2544.01	2592.99	2640			
Frequency (MHz)									
100	PI/2 BPSK	1	1	22.26	22.40	22.35			
100	PI/2 BPSK	1	137	22.46	22.38	22.42	24.0	0.0	
100	PI/2 BPSK	1	271	22.44	22.45	22.37			
100	PI/2 BPSK	135	0	22.32	22.46	22.30	24.0	0.0	
100	PI/2 BPSK	135	69	22.17	22.01	22.16	24.0	0.0	
100	PI/2 BPSK	135	138	22.14	22.25	22.06	24.0	0.0	
100	PI/2 BPSK	270	0	22.20	22.51	22.15			
100	QPSK	1	1	22.20	22.53	22.38			
100	QPSK	1	137	22.05	22.25	22.41	24.0	0.0	
100	QPSK	1	271	22.28	22.39	22.26			
100	QPSK	135	0	22.25	22.21	22.15	24.0	0.0	
100	QPSK	135	69	22.19	22.23	22.17	24.0	0.0	
100	QPSK	135	138	22.23	22.27	22.22	24.0	0.0	
100	QPSK	270	0	22.25	22.44	22.22			
100	16QAM	1	1	22.36	22.35	22.18	24.0	0.0	
100	64QAM	1	1	22.22	22.42	22.32	24.0	0.0	
100	256QAM	1	1	20.81	20.92	20.74	22.5	1.5	
Channel				531000	531000	531000	Tune-up	MPR	
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)	
90	QPSK	1	1	22.18	22.38	22.21	24.0	0.0	
Channel				507004	518598	527705	Tune-up	MPR	
Frequency (MHz)				2636.02	2592.99	2649.99	limit	(dB)	
80	QPSK	1	1	22.11	22.39	22.34	24.0	0.0	
Channel				506202	518598	531000	Tune-up	MPR	
Frequency (MHz)				2631.01	2592.99	2655	limit	(dB)	
70	QPSK	1	1	22.01	22.46	22.26	24.0	0.0	
Channel				505200	518598	531996	Tune-up	MPR	
Frequency (MHz)				2526	2592.99	2659.96	limit	(dB)	
60	QPSK	1	1	22.19	22.39	22.30	24.0	0.0	
Channel				504204	518598	532998	Tune-up	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)	
50	QPSK	1	1	22.08	22.38	22.17	24.0	0.0	
Channel				503202	518598	534000	Tune-up	MPR	
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)	
40	QPSK	1	1	22.02	22.47	22.27	24.0	0.0	
Channel				502200	518598	534996	Tune-up	MPR	
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)	
30	QPSK	1	1	22.05	22.47	22.30	24.0	0.0	
Channel				2508.02	2592.99	2679.99	limit	(dB)	
20	QPSK	1	1	22.09	22.36	22.15	24.0	0.0	
Channel				500700	518598	535996	Tune-up	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)	
15	QPSK	1	1	22.05	22.44	22.36	24.0	0.0	
Channel				500202	518598	537000	Tune-up	MPR	
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)	
10	QPSK	1	1	22.21	22.47	22.16	24.0	0.0	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2546.01	2592.99	2640			
Frequency (MHz)									
100	PI/2 BPSK	1	1	23.09	23.28	23.22			
100	PI/2 BPSK	1	137	23.12	23.27	23.25	25.0	0.0	
100	PI/2 BPSK	1	271	23.07	23.31	23.25			
100	PI/2 BPSK	135	0	23.22	23.27	23.14	25.0	0.0	
100	PI/2 BPSK	135	69	23.08	23.31	23.21	25.0	0.0	
100	PI/2 BPSK	135	138	23.20	23.36	23.32	25.0	0.0	
100	PI/2 BPSK	270	0	23.12	23.11	23.20			
100	QPSK	1	1	23.38	23.60	23.29			
100	QPSK	1	137	23.16	23.31	23.29	25.0	0.0	
100	QPSK	1	271	23.11	23.30	23.27			
100	QPSK	135	0	23.08	23.07	23.08	25.0	0.0	
100	QPSK	135	69	23.37	23.50	23.32	25.0	0.0	
100	QPSK	135	138	23.05	23.13	23.15	25.0	0.0	
100	QPSK	270	0	22.80	22.81	22.64			
100	16QAM	1	1	23.01	23.00	23.05	25.0	0.0	
100	64QAM	1	1	22.95	23.14	23.03	24.5	0.5	
100	256QAM	1	1	20.99	21.06	21.06	22.5	2.5	
Channel				531000	518598	526005	Tune-up	MPR	
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)	
90	QPSK	1	1	23.05	23.27	23.25	25.0	0.0	
Channel				507204	518598	529996	Tune-up	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	limit	(dB)	
80	QPSK	1	1	23.08	23.26	23.15	25.0	0.0	
Channel				506202	518598	531000	Tune-up	MPR	
Frequency (MHz)				2631.01	2592.99	2655	limit	(dB)	
70	QPSK	1	1	23.09	23.19	23.14	25.0	0.0	
Channel				505200	518598	531996	Tune-up	MPR	
Frequency (MHz)				2526	2592.99	2659.96	limit	(dB)	
60	QPSK	1	1	23.07	23.22	23.24	25.0	0.0	
Channel				504204	518598	532998	Tune-up	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				2500	2505	2600		
Frequency (MHz)								
40	PI/2 BPSK	1	1	21.65	21.80	21.75		
40	PI/2 BPSK	1	53	21.94	21.94	21.89	23.0	0.0
40	PI/2 BPSK	1	104	22.03	22.09	21.90		
40	PI/2 BPSK	50	0	21.21	21.36	21.34	22.5	0.5
40	PI/2 BPSK	50	28	21.62	21.79	21.81	23.0	0.0
40	PI/2 BPSK	50	56	21.49	21.58	21.54		
40	PI/2 BPSK	100	0	21.37	21.51	21.32	22.5	0.5
40	QPSK	1	1	22.11	22.16	22.12		
40	QPSK	1	53	21.94	22.10	21.98	23.0	0.0
40	QPSK	1	104	21.66	21.89	21.84		
40	QPSK	50	0	20.94	20.93	20.81	22.0	1.0
40	QPSK	50	28	21.73	21.80	21.74	23.0	0.0
40	QPSK	50	56	21.02	21.14	21.01		
40	QPSK	100	0	20.77	20.89	20.79	22.0	1.0
40	16QAM	1	1	20.82	20.87	20.70	22.0	1.0
40	64QAM	1	1	19.22	19.23	19.12	20.5	2.5
40	256QAM	1	1	17.33	17.37	17.32	18.5	4.5
Channel				512000	512000	523000	Tune-up	MPR
Frequency (MHz)				2585	2595	2605	limit	(dB)
30	QPSK	1	1	22.01	22.09	21.91	23.0	0.0
Channel				516000	516000	522000	Tune-up	MPR
Frequency (MHz)				2590	2595	2610	limit	(dB)
20	QPSK	1	1	22.11	22.12	22.02	23.0	0.0
Channel				515500	516000	525500	Tune-up	MPR
Frequency (MHz)				2571.5	2595	2612.5	limit	(dB)
15	QPSK	1	1	22.08	22.13	22.13	23.0	0.0
Channel				515000	516000	523000	Tune-up	MPR
Frequency (MHz)				2575	2595	2615	limit	(dB)
10	QPSK	1	1	22.06	22.10	22.10	23.0	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				250202	518598	528000		
Frequency (MHz)				2544.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.37	21.48	21.49		
100	PI/2 BPSK	1	137	21.34	21.38	21.29	23.0	0.0
100	PI/2 BPSK	1	271	21.33	21.45	21.26		
100	PI/2 BPSK	135	0	21.28	21.37	21.16	23.0	0.0
100	PI/2 BPSK	135	69	21.17	21.33	21.15	23.0	0.0
100	PI/2 BPSK	135	138	21.19	21.34	21.31		
100	PI/2 BPSK	270	0	21.26	21.33	21.15	23.0	0.0
100	QPSK	1	1	21.45	21.56	21.52		
100	QPSK	1	137	21.34	21.42	21.34	23.0	0.0
100	QPSK	1	271	21.24	21.44	21.44		
100	QPSK	135	0	21.15	21.31	21.24	23.0	0.0
100	QPSK	135	69	21.42	21.45	21.45	23.0	0.0
100	QPSK	135	138	21.38	21.37	21.16	23.0	0.0
100	QPSK	270	0	21.13	21.29	21.08		
100	16QAM	1	1	21.21	21.38	21.24	23.0	0.0
100	64QAM	1	1	21.44	21.51	21.50	23.0	0.0
100	256QAM	1	1	19.96	19.94	19.90	21.5	1.5
Channel				538200	518598	528996	Tune-up	MPR
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	QPSK	1	1	21.34	21.39	21.31	23.0	0.0
Channel				507204	518598	529996	Tune-up	MPR
Frequency (MHz)				2636.02	2592.99	2649.99	limit	(dB)
80	QPSK	1	1	21.23	21.47	21.44	23.0	0.0
Channel				506202	518598	531000	Tune-up	MPR
Frequency (MHz)				2631.01	2592.99	2655	limit	(dB)
70	QPSK	1	1	21.31	21.50	21.39	23.0	0.0
Channel				505200	518598	531996	Tune-up	MPR
Frequency (MHz)				2598	2592.99	2659.98	limit	(dB)
60	QPSK	1	1	21.28	21.35	21.34	23.0	0.0
Channel				504204	518598	532998	Tune-up	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)
50	QPSK	1	1	21.12	21.43	21.33	23.0	0.0
Channel				503202	518598	534000	Tune-up	MPR
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	QPSK	1	1	21.24	21.48	21.43	23.0	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	QPSK	1	1	21.38	21.44	21.32	23.0	0.0
Channel				2508.02	2592.99	2679.99	limit	(dB)
20	QPSK	1	1	21.35	21.48	21.31	23.0	0.0
Channel				500700	518598	535996	Tune-up	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	QPSK	1	1	21.24	21.43	21.37	23.0	0.0
Channel				500202	518598	537000	Tune-up	MPR
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	QPSK	1	1	21.28	21.38	21.35	23.0	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				2546.01	2592.99	2640		
Frequency (MHz)								
100	PI/2 BPSK	1	1	24.45	24.59	24.21		
100	PI/2 BPSK	1	137	24.37	24.61	24.34	26.0	0.0
100	PI/2 BPSK	1	271	24.48	24.63	24.14		
100	PI/2 BPSK	135	0	24.12	24.31	23.84	25.5	0.5
100	PI/2 BPSK	135	69	24.50	24.58	24.27	26.0	0.0
100	PI/2 BPSK	135	138	24.00	24.23	23.78		
100	PI/2 BPSK	270	0	23.95	24.21	23.73	25.5	0.5
100	QPSK	1	1	24.53	24.71	24.33		
100	QPSK	1	137	24.32	24.59	24.35	26.0	0.0
100	QPSK	1	271	24.32	24.53	24.20		
100	QPSK	135	0	23.48	23.63	23.32	25.0	1.0
100	QPSK	135	69	24.43	24.61	24.34	26.0	0.0
100	QPSK	135	138	23.58	23.72	23.31		
100	QPSK	270	0	23.54	23.71	23.36	25.0	1.0
100	16QAM	1	1	23.61	23.66	23.40	25.0	1.0
100	64QAM	1	1	22.04	22.24	21.72	23.5	2.5
100	256QAM	1	1	19.96	20.22	19.94	21.5	4.5
Channel				538200	518598	528996	Tune-up	MPR
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	QPSK	1	1	24.51	24.62	24.29	26.0	0.0
Channel				507204	518598	529996	Tune-up	MPR
Frequency (MHz)				2636.02	2592.99	2649.99	limit	(dB)
80	QPSK	1	1	24.44	24.66	24.25	26.0	0.0
Channel				506202	518598	531000	Tune-up	MPR
Frequency (MHz)				2631.01	2592.99	2655	limit	(dB)
70	QPSK	1	1	24.38	24.61	24.28	26.0	0.0
Channel				505200	518598	531996	Tune-up	MPR
Frequency (MHz)				2598	2592.99	2659.98	limit	(dB)
60	QPSK	1	1	24.38	24.59	24.12	26.0	0.0
Channel				504204	518598	532998	Tune-up	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)
50	QPSK	1	1	24.45	24.40	24.33	26.0	0.0
Channel				503202	518598	534000	Tune-up	MPR
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	QPSK	1	1	24.43	24.61	24.16	26.0	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	QPSK	1	1	24.49	24.59	24.18	26.0	0.0
Channel				2508.02	2592.99	2679.99	limit	(dB)
20	QPSK	1	1	24.46	24.66	24.14	26.0	0.0
Channel				500700	518598	535996	Tune-up	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	QPSK	1	1	24.33	24.70	24.22	26.0	0.0
Channel				500202	518598	537000	Tune-up	MPR
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	QPSK	1	1	24.37	24.58	24.18	26.0	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518000	518000	520000			
Frequency (MHz)				2590	2595	2600			
40	PIQ2 BPSK	1	1	22.85	22.97	22.83			
40	PIQ2 BPSK	1	53	22.79	23.00	22.91	24.0	0.0	
40	PIQ2 BPSK	1	104	22.97	23.06	22.91			
40	PIQ2 BPSK	50	0	22.30	22.44	22.42	23.5	0.5	
40	PIQ2 BPSK	50	23	22.91	22.98	22.92	24.0	0.0	
40	PIQ2 BPSK	50	56	22.46	22.50	22.48	23.5	0.5	
40	PIQ2 BPSK	100	0	22.34	22.41	22.29			
40	QPSK	1	1	23.08	23.08	23.01			
40	QPSK	1	53	23.06	23.06	23.06	24.0	0.0	
40	QPSK	1	104	22.89	22.99	22.98			
40	QPSK	50	0	21.82	21.98	21.79	23.0	1.0	
40	QPSK	50	28	22.78	23.00	22.93	24.0	0.0	
40	QPSK	50	56	21.88	21.97	21.84	23.0	1.0	
40	QPSK	100	0	21.87	21.94	21.87			
40	16QAM	1	1	22.04	22.18	22.17	23.0	1.0	
40	16QAM	1	1	20.63	20.72	20.73	21.5	2.5	
40	256QAM	1	1	18.62	18.62	18.54	19.5	4.5	
Channel				517000	518000	521000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2585	2595	2605			
30	QPSK	1	1	22.99	22.95	22.91	24.0	0.0	
Channel				516000	518000	520000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	22.96	22.88	22.88	24.0	0.0	
Channel				515500	518000	522500	Tune-up limit (dB)	MPR	
Frequency (MHz)				2677.5	2695	2612.5			
15	QPSK	1	1	22.85	22.95	22.91	24.0	0.0	
Channel				515000	518000	523000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2675	2695	2615			
10	QPSK	1	1	23.04	22.99	22.80	24.0	0.0	

FR1 n41 Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509000	518596	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PIQ2 BPSK	1	1	22.61	22.50	22.56			
100	PIQ2 BPSK	1	137	22.54	22.83	22.52	24.0	0.0	
100	PIQ2 BPSK	1	271	22.49	22.80	22.72			
100	PIQ2 BPSK	135	0	22.49	22.41	22.40	24.0	0.0	
100	PIQ2 BPSK	135	89	22.44	22.55	22.45	24.0	0.0	
100	PIQ2 BPSK	135	138	22.51	22.80	22.58	24.0	0.0	
100	PIQ2 BPSK	270	0	22.60	22.55	22.49			
100	QPSK	1	1	22.75	22.86	22.83			
100	QPSK	1	137	22.82	22.80	22.78	24.0	0.0	
100	QPSK	1	271	22.74	22.68	22.78			
100	QPSK	135	0	22.48	22.48	22.37	24.0	0.0	
100	QPSK	135	89	22.72	22.85	22.81	24.0	0.0	
100	QPSK	135	138	22.50	22.56	22.67	24.0	0.0	
100	QPSK	270	0	22.63	22.81	22.55			
100	16QAM	1	1	22.78	22.86	22.82	24.0	0.0	
100	16QAM	1	1	22.70	22.70	22.75	24.0	0.0	
100	256QAM	1	1	21.17	21.35	21.28	22.5	1.5	
Channel				508000	518596	528996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	22.59	22.77	22.67	24.0	0.0	
Channel				507000	518596	529996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2634.01	2692.99	2648.99			
80	QPSK	1	1	22.70	22.67	22.65	24.0	0.0	
Channel				506000	518596	531000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2631.01	2692.99	2645			
70	QPSK	1	1	22.66	22.70	22.74	24.0	0.0	
Channel				505000	518596	531996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2629	2692.99	2639.98			
60	QPSK	1	1	22.60	22.82	22.70	24.0	0.0	
Channel				504000	518596	532996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2621.02	2692.99	2644.98			
50	QPSK	1	1	22.67	22.70	22.66	24.0	0.0	
Channel				503000	518596	534000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2619.01	2692.99	2670			
40	QPSK	1	1	22.69	22.81	22.65	24.0	0.0	
Channel				502000	518596	534996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2611	2692.99	2614.98			
30	QPSK	1	1	22.65	22.72	22.64	24.0	0.0	
Channel				501000	518596	535996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2608.02	2692.99	2679.98			
20	QPSK	1	1	22.69	22.79	22.68	24.0	0.0	
Channel				500000	518596	536996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2603.05	2692.99	2682.48			
15	QPSK	1	1	22.57	22.70	22.68	24.0	0.0	
Channel				500000	518596	537000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2601.01	2692.99	2685			
10	QPSK	1	1	22.64	22.77	22.73	24.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)
Channel				5052.02	518586	525300	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI2 BPSK	1	1	23.81	23.99	23.82	
100	PI2 BPSK	1	137	23.97	23.93	24.05	25.0
100	PI2 BPSK	1	271	23.84	23.98	23.94	
100	PI2 BPSK	135	0	23.97	23.81	23.81	25.0
100	PI2 BPSK	135	69	24.06	23.83	24.02	25.0
100	PI2 BPSK	135	138	23.81	23.94	23.99	25.0
100	PI2 BPSK	270	0	23.84	24.01	23.81	
100	QPSK	1	1	24.00	24.07	24.03	
100	QPSK	1	137	23.99	23.94	23.93	25.0
100	QPSK	1	271	23.84	24.04	23.93	
100	QPSK	135	0	23.91	23.83	23.98	24.0
100	QPSK	135	69	23.84	24.05	24.01	25.0
100	QPSK	135	138	23.84	24.04	23.82	24.0
100	QPSK	270	0	23.89	23.95	23.91	
100	16QAM	1	1	23.84	23.97	23.84	25.0
100	16QAM	1	1	22.07	23.19	23.14	24.0
100	256QAM	1	1	21.06	21.15	20.93	22.0
Channel				508200	518586	525996	
Frequency (MHz)				2541	2592.99	2644.96	
90	QPSK	1	1	23.95	23.88	23.98	25.0
Channel				507204	518586	525988	
Frequency (MHz)				2536.102	2592.99	2648.99	
80	QPSK	1	1	23.90	23.97	23.86	25.0
Channel				506202	518586	531000	
Frequency (MHz)				2531.01	2592.99	2665	
70	QPSK	1	1	23.81	24.01	23.88	25.0
Channel				505200	518586	531996	
Frequency (MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	23.95	23.98	23.91	25.0
Channel				504204	518586	532996	
Frequency (MHz)				2521.02	2592.99	2664.99	
60	QPSK	1	1	23.81	23.91	23.90	25.0
Channel				503202	518586	534000	
Frequency (MHz)				2516.01	2592.99	2670	
40	QPSK	1	1	23.80	23.93	23.84	25.0
Channel				502200	518586	534996	
Frequency (MHz)				2511	2592.99	2674.98	
30	QPSK	1	1	23.84	23.98	23.91	25.0
Channel				501204	518586	535996	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	23.90	24.00	23.97	25.0
Channel				500200	518586	536996	
Frequency (MHz)				2501.5	2592.99	2682.46	
15	QPSK	1	1	23.84	23.88	23.85	25.0
Channel				500202	518586	537000	
Frequency (MHz)				2501.01	2592.99	2685	
10	QPSK	1	1	23.84	23.99	23.94	25.0

1.27

FR1 n48 Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)
Channel				636000	641666	646332	
Frequency (MHz)				3070	3624.99	3678.98	
40	PI2 BPSK	1	1	18.74	18.75	18.75	
40	PI2 BPSK	1	53	18.74	18.74	18.77	20.0
40	PI2 BPSK	1	104	18.75	18.76	18.75	
40	PI2 BPSK	50	0	18.79	18.77	18.82	20.0
40	PI2 BPSK	50	28	18.79	18.84	18.91	20.0
40	PI2 BPSK	50	56	18.73	18.70	18.71	20.0
40	PI2 BPSK	100	0	18.74	18.77	18.79	
40	QPSK	1	1	18.71	18.87	18.85	
40	QPSK	1	53	18.72	18.84	18.70	20.0
40	QPSK	1	104	18.76	18.77	18.78	
40	QPSK	50	0	18.79	18.81	18.81	
40	QPSK	50	28	18.77	18.83	18.75	20.0
40	QPSK	50	56	18.76	18.80	18.82	
40	QPSK	100	0	18.70	18.80	18.78	20.0
40	16QAM	1	1	18.78	18.83	18.82	20.0
40	16QAM	1	1	18.82	18.71	18.74	20.0
40	256QAM	1	1	18.83	18.70	18.70	20.0
Channel				637668	641666	645666	
Frequency (MHz)				3065.02	3624.99	3664.99	
30	QPSK	1	1	18.59	18.75	18.75	20.0
Channel				637334	641666	646000	
Frequency (MHz)				3060.01	3624.99	3660	
20	QPSK	1	1	18.52	18.75	18.79	20.0
Channel				637168	641666	646166	
Frequency (MHz)				3057.52	3624.99	3662.49	
15	QPSK	1	1	18.58	18.76	18.80	20.0
Channel				637000	641666	646332	
Frequency (MHz)				3055	3624.99	3664.98	
10	QPSK	1	1	18.56	18.70	18.78	20.0

FR1 n77 Part 270 Ant 2 PC2&PC3								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3840	3930		
100	Plv2 BPSK	1	1	17.38	17.24	17.42		
100	Plv2 BPSK	1	137	17.14	17.05	17.29	18.0	0.0
100	Plv2 BPSK	1	271	17.24	17.35	17.45		
100	Plv2 BPSK	135	0	17.45	17.20	17.44	18.0	0.0
100	Plv2 BPSK	135	89	17.17	17.04	17.30	18.0	0.0
100	Plv2 BPSK	135	138	17.24	17.32	17.38		
100	Plv2 BPSK	270	0	17.47	17.28	17.42	18.0	0.0
100	QPSK	1	1	17.15	17.27	17.35		
100	QPSK	1	137	17.26	17.39	17.38	18.0	0.0
100	QPSK	1	271	17.46	17.26	17.49		
100	QPSK	135	0	17.08	17.12	17.25	18.0	0.0
100	QPSK	135	89	17.18	17.55	17.48	18.0	0.0
100	QPSK	135	138	17.46	17.29	17.51		
100	QPSK	270	0	17.14	17.46	17.32	18.0	0.0
100	16QAM	1	1	17.47	17.28	17.45	18.0	0.0
100	64QAM	1	1	17.28	17.07	17.31	18.0	0.0
100	256QAM	1	1	17.18	17.11	17.32	18.0	0.0
Channel				649868	650000	652332	Tune-up	MPR
Frequency (MHz)				3485.00	3490	3524.68	limit	(dB)
90	QPSK	1	1	17.40	17.17	17.41	18.0	0.0
Channel				649334	650000	652866	Tune-up	MPR
Frequency (MHz)				3480.01	3490	3528.99	limit	(dB)
80	QPSK	1	1	17.12	17.05	17.30	18.0	0.0
Channel				649000	650000	653000	Tune-up	MPR
Frequency (MHz)				3485	3490	3495	limit	(dB)
70	QPSK	1	1	17.19	17.37	17.37	18.0	0.0
Channel				648668	650000	653332	Tune-up	MPR
Frequency (MHz)				3480.02	3490	3545.98	limit	(dB)
60	QPSK	1	1	17.32	17.23	17.44	18.0	0.0
Channel				648334	650000	653666	Tune-up	MPR
Frequency (MHz)				3475.01	3490	3554.99	limit	(dB)
50	QPSK	1	1	17.13	17.01	17.19	18.0	0.0
Channel				648000	650000	654000	Tune-up	MPR
Frequency (MHz)				3470	3490	3560	limit	(dB)
40	QPSK	1	1	17.22	17.33	17.37	18.0	0.0
Channel				647668	650000	654332	Tune-up	MPR
Frequency (MHz)				34715.02	3485.00	3564.98	limit	(dB)
30	QPSK	1	1	17.35	17.12	17.40	18.0	0.0
Channel				647334	650000	654666	Tune-up	MPR
Frequency (MHz)				3470.01	3490	3569.99	limit	(dB)
20	QPSK	1	1	17.10	16.97	17.24	18.0	0.0
Channel				647000	650000	654832	Tune-up	MPR
Frequency (MHz)				3467.52	3490	3572.48	limit	(dB)
15	QPSK	1	1	17.33	17.21	17.45	18.0	0.0
Channel				647000	650000	655000	Tune-up	MPR
Frequency (MHz)				3465	3490	3575	limit	(dB)
10	QPSK	1	1	17.38	17.21	17.40	18.0	0.0

FR1 n77 Part 27Q Ant 2 PC2&PC3								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332	633332	636998		
Frequency (MHz)				3489.98				
100	Plv2 BPSK	1	1	17.18				
100	Plv2 BPSK	1	137	17.07			18.0	0.0
100	Plv2 BPSK	1	271	17.41				
100	Plv2 BPSK	135	0	17.21			18.0	0.0
100	Plv2 BPSK	135	89	17.09			18.0	0.0
100	Plv2 BPSK	135	138	17.32			18.0	0.0
100	Plv2 BPSK	270	0	17.21				
100	QPSK	1	1	17.51				
100	QPSK	1	137	17.39			18.0	0.0
100	QPSK	1	271	17.22				
100	QPSK	135	0	17.03			18.0	0.0
100	QPSK	135	89	17.45			18.0	0.0
100	QPSK	135	138	17.19			18.0	0.0
100	QPSK	270	0	17.33			18.0	0.0
100	16QAM	1	1	17.18			18.0	0.0
100	64QAM	1	1	17.14			18.0	0.0
100	256QAM	1	1	17.08			18.0	0.0
Channel				633000	633332	633666	Tune-up	MPR
Frequency (MHz)				3485	3489.98	3494.99	limit	(dB)
90	QPSK	1	1	17.30	17.22	17.15	18.0	0.0
Channel				632668	633332	634000	Tune-up	MPR
Frequency (MHz)				3480.03	3489.98	3490	limit	(dB)
80	QPSK	1	1	17.22	17.14	17.06	18.0	0.0
Channel				632334	633332	634332	Tune-up	MPR
Frequency (MHz)				3485.01	3489.98	3494.98	limit	(dB)
70	QPSK	1	1	17.40	17.06	17.65	18.0	0.0
Channel				632000	633332	634666	Tune-up	MPR
Frequency (MHz)				3480	3489.98	34919.96	limit	(dB)
60	QPSK	1	1	17.34	17.19	17.14	18.0	0.0
Channel				631668	633332	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3489.98	3495	limit	(dB)
50	QPSK	1	1	17.22	17.22	17.12	18.0	0.0
Channel				631334	633332	635332	Tune-up	MPR
Frequency (MHz)				3470.01	3489.98	3495.98	limit	(dB)
40	QPSK	1	1	17.35	17.07	17.60	18.0	0.0
Channel				631000	633332	635666	Tune-up	MPR
Frequency (MHz)				3465	3489.98	3494.98	limit	(dB)
30	QPSK	1	1	17.37	17.26	17.24	18.0	0.0
Channel				630668	633332	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3489.98	3490	limit	(dB)
20	QPSK	1	1	17.42	17.06	17.03	18.0	0.0
Channel				630300	633332	636166	Tune-up	MPR
Frequency (MHz)				3457.5	3489.98	3492.49	limit	(dB)
15	QPSK	1	1	17.27	17.21	17.07	18.0	0.0
Channel				630000	633332	636332	Tune-up	MPR
Frequency (MHz)				3455.01	3489.98	3494.98	limit	(dB)
10	QPSK	1	1	17.45	17.00	17.08	18.0	0.0

FR1 n78_Part 270 Ant 2 PC2&PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	Plv2 BPSK	1	1	17.46				18.0	0.0
100	Plv2 BPSK	1	137	17.39					
100	Plv2 BPSK	1	271	17.39				18.0	0.0
100	Plv2 BPSK	135	0	17.46					
100	Plv2 BPSK	135	89	17.39				18.0	0.0
100	Plv2 BPSK	135	138	17.42				18.0	0.0
100	Plv2 BPSK	270	0	17.46				18.0	0.0
100	QPSK	1	1	17.50					
100	QPSK	1	137	17.32				18.0	0.0
100	QPSK	1	271	17.49				18.0	0.0
100	QPSK	135	0	17.45					
100	QPSK	135	89	17.49				18.0	0.0
100	QPSK	135	138	17.41				18.0	0.0
100	QPSK	270	0	17.47				18.0	0.0
100	16QAM	1	1	17.41					
100	16QAM	1	1	17.49				18.0	0.0
100	256QAM	1	1	17.33				18.0	0.0
Channel				64968	650000	650332	Tune-up	MPR	
Frequency (MHz)				3745.00	3750	3754.98	limit (dB)		
90	QPSK	1	1	17.37	17.24	17.11	18.0	0.0	
Channel				649334	650000	650666	Tune-up	MPR	
Frequency (MHz)				3740.01	3750	3759.99	limit (dB)		
80	QPSK	1	1	17.36	17.25	17.11	18.0	0.0	
Channel				649000	650000	651000	Tune-up	MPR	
Frequency (MHz)				3735	3750	3765	limit (dB)		
70	QPSK	1	1	17.25	17.31	17.14	18.0	0.0	
Channel				648666	650000	651332	Tune-up	MPR	
Frequency (MHz)				3730.02	3750	3769.98	limit (dB)		
60	QPSK	1	1	17.30	17.28	17.04	18.0	0.0	
Channel				648334	650000	651666	Tune-up	MPR	
Frequency (MHz)				3725.01	3750	3774.99	limit (dB)		
50	QPSK	1	1	17.35	17.31	17.07	18.0	0.0	
Channel				648000	650000	652000	Tune-up	MPR	
Frequency (MHz)				3720	3750	3780	limit (dB)		
40	QPSK	1	1	17.30	17.35	17.08	18.0	0.0	
Channel				647666	650000	652332	Tune-up	MPR	
Frequency (MHz)				3715.00	3750.00	3784.98	limit (dB)		
30	QPSK	1	1	17.35	17.25	17.05	18.0	0.0	
Channel				647334	650000	652666	Tune-up	MPR	
Frequency (MHz)				3710.01	3750	3789.99	limit (dB)		
20	QPSK	1	1	17.36	17.28	17.10	18.0	0.0	
Channel				647000	650000	653000	Tune-up	MPR	
Frequency (MHz)				3707.52	3750	3792.48	limit (dB)		
15	QPSK	1	1	17.33	17.36	17.07	18.0	0.0	
Channel				647000	650000	653000	Tune-up	MPR	
Frequency (MHz)				3705	3750	3795	limit (dB)		
10	QPSK	1	1	17.38	17.21	17.10	18.0	0.0	

FR1 n78_Part 27Q Ant 2 PC2&PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.98					
100	Plv2 BPSK	1	1	17.30				18.0	0.0
100	Plv2 BPSK	1	137	17.38					
100	Plv2 BPSK	1	271	17.34				18.0	0.0
100	Plv2 BPSK	135	0	17.39					
100	Plv2 BPSK	135	89	17.34				18.0	0.0
100	Plv2 BPSK	135	138	17.25				18.0	0.0
100	Plv2 BPSK	270	0	17.40				18.0	0.0
100	QPSK	1	1	17.45					
100	QPSK	1	137	17.27				18.0	0.0
100	QPSK	1	271	17.37				18.0	0.0
100	QPSK	135	0	17.32					
100	QPSK	135	89	17.38				18.0	0.0
100	QPSK	135	138	17.34				18.0	0.0
100	QPSK	270	0	17.37				18.0	0.0
100	16QAM	1	1	17.32					
100	16QAM	1	1	17.35				18.0	0.0
100	256QAM	1	1	17.31				18.0	0.0
Channel				633000	633332	633666	Tune-up	MPR	
Frequency (MHz)				3495	3499.98	3504.98	limit (dB)		
90	QPSK	1	1	17.34	17.18	16.97	18.0	0.0	
Channel				632666	633332	634000	Tune-up	MPR	
Frequency (MHz)				3490.00	3499.98	3500	limit (dB)		
80	QPSK	1	1	17.26	17.20	16.97	18.0	0.0	
Channel				632334	633332	634332	Tune-up	MPR	
Frequency (MHz)				3485.01	3499.98	3514.98	limit (dB)		
70	QPSK	1	1	17.26	17.18	16.96	18.0	0.0	
Channel				632000	633332	634666	Tune-up	MPR	
Frequency (MHz)				3480	3499.98	3519.98	limit (dB)		
60	QPSK	1	1	17.25	17.26	17.00	18.0	0.0	
Channel				631666	633332	635000	Tune-up	MPR	
Frequency (MHz)				3475.02	3499.98	3525	limit (dB)		
50	QPSK	1	1	17.30	17.28	16.98	18.0	0.0	
Channel				631334	633332	635332	Tune-up	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	limit (dB)		
40	QPSK	1	1	17.26	17.16	17.06	18.0	0.0	
Channel				631000	633332	635666	Tune-up	MPR	
Frequency (MHz)				3465	3499.98	3534.98	limit (dB)		
30	QPSK	1	1	17.30	17.18	17.06	18.0	0.0	
Channel				630666	633332	636000	Tune-up	MPR	
Frequency (MHz)				3460.02	3499.98	3540	limit (dB)		
20	QPSK	1	1	17.27	17.33	16.99	18.0	0.0	
Channel				630300	633332	636166	Tune-up	MPR	
Frequency (MHz)				3457.5	3499.98	3542.49	limit (dB)		
15	QPSK	1	1	17.30	17.15	16.99	18.0	0.0	
Channel				630000	633332	636332	Tune-up	MPR	
Frequency (MHz)				3455.01	3499.98	3544.98	limit (dB)		
10	QPSK	1	1	17.35	17.10	17.04	18.0	0.0	

FR1 n38 Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518000	518000	520000			
Frequency (MHz)				2590	2595	2600			
40	PIQ2 BPSK	1	1	21.55	21.82	21.58			
40	PIQ2 BPSK	1	53	21.47	21.72	21.51	23.0	0.0	
40	PIQ2 BPSK	1	104	21.40	21.68	21.49			
40	PIQ2 BPSK	50	0	21.02	21.29	21.04	22.5	0.5	
40	PIQ2 BPSK	50	23	21.45	21.73	21.48	23.0	0.0	
40	PIQ2 BPSK	50	56	20.85	21.12	20.86	22.5	0.5	
40	PIQ2 BPSK	100	0	21.04	21.28	21.01			
40	QPSK	1	1	21.88	21.83	21.82			
40	QPSK	1	53	21.49	21.78	21.53	23.0	0.0	
40	QPSK	1	104	21.63	21.85	21.60			
40	QPSK	50	0	20.54	20.80	20.52	22.0	1.0	
40	QPSK	50	23	21.43	21.71	21.42	23.0	0.0	
40	QPSK	50	56	20.43	20.63	20.42	22.0	1.0	
40	QPSK	100	0	20.41	20.85	20.44			
40	16QAM	1	1	20.73	20.86	20.74	22.0	1.0	
40	16QAM	1	1	19.28	19.50	19.26	20.5	2.5	
40	256QAM	1	1	17.11	17.30	17.15	18.5	4.5	
Channel				517000	518000	521000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2585	2595	2605			
30	QPSK	1	1	21.76	21.80	21.75	23.0	0.0	
Channel				516000	518000	522000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	21.79	21.81	21.74	23.0	0.0	
Channel				515500	518000	522500	Tune-up limit (dB)	MPR	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	1	21.72	21.78	21.74	23.0	0.0	
Channel				515000	518000	523000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	1	21.75	21.86	21.71	23.0	0.0	

FR1 n41 Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	518596	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PIQ2 BPSK	1	1	21.37	21.81	21.38			
100	PIQ2 BPSK	1	137	21.44	21.89	21.43	23.0	0.0	
100	PIQ2 BPSK	1	271	21.37	21.58	21.31			
100	PIQ2 BPSK	135	0	21.32	21.53	21.28	23.0	0.0	
100	PIQ2 BPSK	135	69	21.29	21.57	21.38	23.0	0.0	
100	PIQ2 BPSK	135	138	21.38	21.55	21.27	23.0	0.0	
100	PIQ2 BPSK	270	0	21.38	21.60	21.33			
100	QPSK	1	1	21.58	21.75	21.62			
100	QPSK	1	137	21.52	21.72	21.52	23.0	0.0	
100	QPSK	1	271	21.57	21.74	21.46			
100	QPSK	135	0	21.28	21.54	21.29	23.0	0.0	
100	QPSK	135	69	21.54	21.59	21.58	23.0	0.0	
100	QPSK	135	138	21.28	21.54	21.24	23.0	0.0	
100	QPSK	270	0	21.37	21.52	21.33			
100	16QAM	1	1	21.39	21.87	21.39	23.0	0.0	
100	16QAM	1	1	21.54	21.74	21.51	23.0	0.0	
100	256QAM	1	1	19.84	20.17	19.90	21.5	1.5	
Channel				508000	518596	528996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	21.52	21.85	21.54	23.0	0.0	
Channel				507204	518596	529996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2534.01	2592.99	2649.99			
80	QPSK	1	1	21.40	21.89	21.49	23.0	0.0	
Channel				506202	518596	531000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	21.48	21.89	21.51	23.0	0.0	
Channel				505200	518596	531996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2529	2592.99	2660.98			
60	QPSK	1	1	21.41	21.57	21.56	23.0	0.0	
Channel				504204	518596	532996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2521.02	2592.99	2665.98			
50	QPSK	1	1	21.51	21.82	21.42	23.0	0.0	
Channel				503202	518596	534000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2519.01	2592.99	2670			
40	QPSK	1	1	21.42	21.57	21.49	23.0	0.0	
Channel				502200	518596	534996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	21.39	21.60	21.54	23.0	0.0	
Channel				501204	518596	535996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2506.04	2592.99	2679.98			
20	QPSK	1	1	21.52	21.66	21.56	23.0	0.0	
Channel				500200	518596	536996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2503.05	2592.99	2682.48			
15	QPSK	1	1	21.41	21.58	21.49	23.0	0.0	
Channel				500202	518596	537000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	21.44	21.55	21.56	23.0	0.0	

FR1 n41_HPUE Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 5052.02	Power Middle Ch. / Freq. 518598	Power High Ch. / Freq. 526500	Tune-up limit (dBm)	MPR (dB)
Channel				2546.01	2592.99	2640		
Frequency (MHz)								
100	PI2 BPSK	1	1	24.30	24.51	24.23		
100	PI2 BPSK	1	137	24.13	24.39	24.14	26.0	0.0
100	PI2 BPSK	1	271	24.21	24.45	24.26		
100	PI2 BPSK	135	0	23.88	24.09	23.83	25.5	0.5
100	PI2 BPSK	135	69	24.09	24.37	24.08	26.0	
100	PI2 BPSK	135	138	23.89	24.11	23.88	25.5	0.5
100	PI2 BPSK	270	0	23.89	24.08	23.84		
100	QPSK	1	1	24.37	24.58	24.46		
100	QPSK	1	137	24.28	24.53	24.27	26.0	0.0
100	QPSK	1	271	24.08	24.08	24.12		
100	QPSK	135	0	23.19	23.21	23.01	25.0	1.0
100	QPSK	135	69	24.25	24.47	24.18	26.0	0.0
100	QPSK	135	138	23.17	23.41	23.20	25.0	
100	QPSK	270	0	22.53	23.38	22.52	25.0	1.0
100	16QAM	1	1	23.05	23.30	23.05	25.0	1.0
100	16QAM	1	1	21.68	21.88	21.62	23.5	
100	256QAM	1	1	19.53	19.81	19.56	21.5	4.5
Channel				508200	518598	526996	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3541.02	3592.99	3644.96		
90	QPSK	1	1	24.25	24.50	24.35	26.0	0.0
Channel				507204	518598	526998	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3538.102	3592.99	3648.99		
80	QPSK	1	1	24.25	24.50	24.35	26.0	0.0
Channel				506202	518598	531000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2665		
70	QPSK	1	1	24.23	24.48	24.30	26.0	0.0
Channel				505200	518598	531996	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2508.01	2592.99	2659.98		
60	QPSK	1	1	24.26	24.37	24.38	26.0	0.0
Channel				504204	518598	532998	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.20	24.51	24.41	26.0	0.0
Channel				503202	518598	533996	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.31	24.38	24.34	26.0	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2511.01	2592.99	2674.88		
30	QPSK	1	1	24.25	24.48	24.31	26.0	0.0
Channel				501204	518598	535996	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	24.30	24.36	24.30	26.0	0.0
Channel				500200	518598	536996	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2503.51	2592.99	2682.48		
15	QPSK	1	1	24.31	24.40	24.33	26.0	0.0
Channel				500202	518598	537000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.30	24.36	24.41	26.0	0.0

FR1 n48 Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. [dBm] / [MHz]	Power Middle Ch. / Freq. [dBm] / [MHz]	Power High Ch. / Freq. [dBm] / [MHz]	Tune-up limit (dB)	MPR (dB)
Channel				637000	641666	646332		
Frequency (MHz)				3070	3624.99	3679.98		
40	PI2 BPSK	1	1	21.56	21.76	21.49		
40	PI2 BPSK	1	53	21.40	21.62	21.40	23.0	0.0
40	PI2 BPSK	1	104	21.30	21.59	21.32		
40	PI2 BPSK	50	0	20.94	21.16	20.87	22.5	0.5
40	PI2 BPSK	50	28	21.45	21.66	21.40	23.0	0.0
40	PI2 BPSK	50	56	20.99	21.23	21.01	22.5	0.5
40	PI2 BPSK	100	0	20.99	21.19	20.88		
40	QPSK	1	1	21.81	21.87	21.76		
40	QPSK	1	53	21.55	21.76	21.50	23.0	0.0
40	QPSK	1	104	21.52	21.75	21.53		
40	QPSK	50	0	21.40	21.62	21.34	22.0	1.0
40	QPSK	50	28	21.34	21.76	21.34	23.0	0.0
40	QPSK	50	56	21.36	21.85	21.42	22.0	1.0
40	QPSK	100	0	21.32	21.75	21.36	22.0	1.0
40	16QAM	1	1	21.56	21.85	21.66	22.0	1.0
40	64QAM	1	1	20.14	20.33	20.08	20.5	2.5
40	256QAM	1	1	18.19	18.43	18.22	18.5	4.5
Channel				637668	641666	645666		
Frequency (MHz)				3665.02	3694.99	3694.99		
30	QPSK	1	1	21.62	21.81	21.67	23.0	0.0
Channel				637334	641666	646000		
Frequency (MHz)				3661.01	3694.99	3690		
20	QPSK	1	1	21.76	21.81	21.57	23.0	0.0
Channel				637168	641666	646166		
Frequency (MHz)				3657.52	3694.99	3692.49		
15	QPSK	1	1	21.68	21.88	21.62	23.0	0.0
Channel				637000	641666	646332		
Frequency (MHz)				3655	3694.99	3694.98		
10	QPSK	1	1	21.74	21.77	21.69	23.0	0.0

FR1 n77 Part 27O Ant 3 PC2&PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	20.17	19.83	19.83			
100	PI2 BPSK	1	137	20.03	19.87	19.85	21.5	0.0	
100	PI2 BPSK	1	271	20.12	20.01	19.96			
100	PI2 BPSK	135	0	20.14	19.80	19.80	21.5	0.0	
100	PI2 BPSK	135	69	19.96	19.94	19.81	21.5	0.0	
100	PI2 BPSK	135	138	20.09	19.97	20.01	21.5	0.0	
100	PI2 BPSK	270	0	20.18	19.65	19.76			
100	QPSK	1	1	19.96	20.27	19.81			
100	QPSK	1	137	20.16	20.00	19.90	21.5	0.0	
100	QPSK	1	271	20.21	19.80	19.75			
100	QPSK	135	0	20.04	19.91	19.86	21.5	0.0	
100	QPSK	135	69	20.18	20.22	19.98	21.5	0.0	
100	QPSK	135	138	20.18	19.83	19.83	21.5	0.0	
100	QPSK	270	0	20.03	20.15	19.83			
100	16QAM	1	1	20.02	19.80	19.80	21.5	0.0	
100	16QAM	1	1	20.02	20.00	19.81	21.5	0.0	
100	256QAM	1	1	19.96	19.20	19.95	20.5	1.0	
Channel				649688	650000	652332	Tune-up	MPR	
Frequency (MHz)				3745.02	3840	3934.98	limit (dB)		
90	QPSK	1	1	20.17	19.83	19.83	21.5	0.0	
Channel				649334	650000	652666	Tune-up	MPR	
Frequency (MHz)				3740.01	3840	3939.99	limit (dB)		
80	QPSK	1	1	20.03	19.97	19.85	21.5	0.0	
Channel				649000	650000	653000	Tune-up	MPR	
Frequency (MHz)				3734.6	3840	3945.4	limit (dB)		
70	QPSK	1	1	20.12	20.01	19.96	21.5	0.0	
Channel				648668	650000	653332	Tune-up	MPR	
Frequency (MHz)				3729.02	3840	3949.98	limit (dB)		
60	QPSK	1	1	19.96	19.94	19.81	21.5	0.0	
Channel				648334	650000	653666	Tune-up	MPR	
Frequency (MHz)				3723.01	3840	3954.99	limit (dB)		
50	QPSK	1	1	20.09	19.97	20.01	21.5	0.0	
Channel				648000	650000	654000	Tune-up	MPR	
Frequency (MHz)				3720.1	3840	3954.99	limit (dB)		
40	QPSK	1	1	20.18	19.85	19.78	21.5	0.0	
Channel				647668	650000	654332	Tune-up	MPR	
Frequency (MHz)				3715.02	3840.00	3954.98	limit (dB)		
30	QPSK	1	1	19.96	19.93	19.81	21.5	0.0	
Channel				647334	650000	654666	Tune-up	MPR	
Frequency (MHz)				3710.01	3840	3959.99	limit (dB)		
20	QPSK	1	1	20.21	19.80	19.75	21.5	0.0	
Channel				647000	650000	655000	Tune-up	MPR	
Frequency (MHz)				3707.52	3840	3972.48	limit (dB)		
15	QPSK	1	1	20.04	19.91	19.86	21.5	0.0	
Channel				647000	650000	655000	Tune-up	MPR	
Frequency (MHz)				3705	3840	3975	limit (dB)		
10	QPSK	1	1	20.02	20.00	19.81	21.5	0.0	

FR1 n77 Part 27Q Ant 3 PC2&PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					633332				
Frequency (MHz)					3459.98				
100	PI2 BPSK	1	1		20.41				
100	PI2 BPSK	1	137		20.12		21.5	0.0	
100	PI2 BPSK	1	271		20.18				
100	PI2 BPSK	135	0		20.42		21.5	0.0	
100	PI2 BPSK	135	69		20.10		21.5	0.0	
100	PI2 BPSK	135	138		20.15		21.5	0.0	
100	PI2 BPSK	270	0		20.38				
100	QPSK	1	1		20.37				
100	QPSK	1	137		20.14		21.5	0.0	
100	QPSK	1	271		20.40				
100	QPSK	135	0		20.09		21.5	0.0	
100	QPSK	135	69		20.42		21.5	0.0	
100	QPSK	135	138		20.30		21.5	0.0	
100	QPSK	270	0		20.37				
100	16QAM	1	1		20.41		21.5	0.0	
100	16QAM	1	1		20.12		21.5	0.0	
100	256QAM	1	1		19.87		20.5	1.0	
Channel				633000	633332	633666	Tune-up	MPR	
Frequency (MHz)				3405	3459.98	3514.99	limit (dB)		
90	QPSK	1	1	20.41	20.20	20.37	21.5	0.0	
Channel				632668	633332	634000	Tune-up	MPR	
Frequency (MHz)				3400.02	3459.98	3510	limit (dB)		
80	QPSK	1	1	20.12	20.01	20.19	21.5	0.0	
Channel				632334	633332	634332	Tune-up	MPR	
Frequency (MHz)				3445.01	3459.98	3514.98	limit (dB)		
70	QPSK	1	1	20.18	20.35	20.40	21.5	0.0	
Channel				632000	633332	634666	Tune-up	MPR	
Frequency (MHz)				3440	3459.98	3511.99	limit (dB)		
60	QPSK	1	1	20.42	20.21	20.36	21.5	0.0	
Channel				631668	633332	635000	Tune-up	MPR	
Frequency (MHz)				3435.34	633332	635332	Tune-up	MPR	
50	QPSK	1	1	20.10	20.01	20.21	21.5	0.0	
Channel				631334	633332	635332	Tune-up	MPR	
Frequency (MHz)				3429.01	3459.98	3529.98	limit (dB)		
40	QPSK	1	1	20.15	20.35	20.38	21.5	0.0	
Channel				631000	633332	635666	Tune-up	MPR	
Frequency (MHz)				3445	3459.98	3534.99	limit (dB)		
30	QPSK	1	1	20.38	20.18	20.35	21.5	0.0	
Channel				630668	633332	636000	Tune-up	MPR	
Frequency (MHz)				3440.02	3459.98	3540	limit (dB)		
20	QPSK	1	1	20.11	20.03	20.23	21.5	0.0	
Channel				630300	633332	636166	Tune-up	MPR	
Frequency (MHz)				3437.5	3459.98	3542.49	limit (dB)		
15	QPSK	1	1	20.14	20.30	20.37	21.5	0.0	
Channel				630334	633332	636332	Tune-up	MPR	
Frequency (MHz)				3455.01	3459.98	3544.98	limit (dB)		
10	QPSK	1	1	20.40	20.22	20.43	21.5	0.0	

FR1 n78_Part 27O Ant 3 PC2&PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				650000			
Frequency (MHz)				3750			
100	PI2 BPSK	1	1	20.01			
100	PI2 BPSK	1	137	19.75			
100	PI2 BPSK	1	271	19.92			
100	PI2 BPSK	135	0	20.06		21.5	0.0
100	PI2 BPSK	135	69	19.79		21.5	0.0
100	PI2 BPSK	135	138	19.89		21.5	0.0
100	PI2 BPSK	270	0	20.06			
100	QPSK	1	1	20.11			
100	QPSK	1	137	19.89		21.5	0.0
100	QPSK	1	271	20.03			
100	QPSK	135	0	19.82		21.5	0.0
100	QPSK	135	69	20.09		21.5	0.0
100	QPSK	135	138	20.03		21.5	0.0
100	QPSK	270	0	20.01			
100	16QAM	1	1	20.08		21.5	0.0
100	64QAM	1	1	19.82		21.5	0.0
100	256QAM	1	1	19.43		20.5	1.0
Channel				649668	650000	650332	Tune-up
Frequency (MHz)				3749.02	3750	3750.98	limit (dB)
90	QPSK	1	1	20.01	19.81	20.10	21.5 0.0
Channel				649334	650000	650666	Tune-up
Frequency (MHz)				3749.01	3750	3750.99	limit (dB)
80	QPSK	1	1	19.81	19.70	19.98	21.5 0.0
Channel				649000	650000	651000	Tune-up
Frequency (MHz)				3746	3750	3754	limit (dB)
70	QPSK	1	1	19.85	19.97	20.02	21.5 0.0
Channel				648668	650000	651332	Tune-up
Frequency (MHz)				3743.02	3750	3756.98	limit (dB)
60	QPSK	1	1	20.01	19.84	20.03	21.5 0.0
Channel				648334	650000	651666	Tune-up
Frequency (MHz)				3740.01	3750	3759.99	limit (dB)
50	QPSK	1	1	19.81	19.71	19.90	21.5 0.0
Channel				648000	650000	652000	Tune-up
Frequency (MHz)				3737.01	3750	3763.99	limit (dB)
40	QPSK	1	1	19.83	19.97	20.02	21.5 0.0
Channel				647668	650000	652332	Tune-up
Frequency (MHz)				3734.02	3750.00	3765.98	limit (dB)
30	QPSK	1	1	20.01	19.84	20.04	21.5 0.0
Channel				647334	650000	652666	Tune-up
Frequency (MHz)				3731.01	3750	3769.99	limit (dB)
20	QPSK	1	1	19.73	19.69	19.94	21.5 0.0
Channel				647000	650000	653000	Tune-up
Frequency (MHz)				3727.52	3750	3762.48	limit (dB)
15	QPSK	1	1	19.88	20.05	20.08	21.5 0.0
Channel				646000	650000	653500	Tune-up
Frequency (MHz)				3705	3750	3795	limit (dB)
10	QPSK	1	1	19.80	19.67	19.93	21.5 0.0

FR1 n78_Part 27Q Ant 3 PC2&PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				633000			
Frequency (MHz)				3499.98			
100	PI2 BPSK	1	1	19.92			
100	PI2 BPSK	1	137	19.84			
100	PI2 BPSK	1	271	20.06			
100	PI2 BPSK	135	0	19.99		21.5	0.0
100	PI2 BPSK	135	69	19.75		21.5	0.0
100	PI2 BPSK	135	138	20.06		21.5	0.0
100	PI2 BPSK	270	0	19.91			
100	QPSK	1	1	20.35			
100	QPSK	1	137	20.07		21.5	0.0
100	QPSK	1	271	19.95			
100	QPSK	135	0	19.74		21.5	0.0
100	QPSK	135	69	20.22		21.5	0.0
100	QPSK	135	138	19.86		21.5	0.0
100	QPSK	270	0	20.16			
100	16QAM	1	1	19.85		21.5	0.0
100	64QAM	1	1	19.82		21.5	0.0
100	256QAM	1	1	19.85		20.5	1.0
Channel				633000	633332	633666	Tune-up
Frequency (MHz)				3495	3499.98	3504.99	limit (dB)
90	QPSK	1	1	20.06	19.92	20.16	21.5 0.0
Channel				632668	633332	634000	Tune-up
Frequency (MHz)				3490.02	3499.98	3510	limit (dB)
80	QPSK	1	1	19.81	19.84	19.94	21.5 0.0
Channel				632334	633332	634332	Tune-up
Frequency (MHz)				3485.01	3499.98	3514.98	limit (dB)
70	QPSK	1	1	19.89	20.06	20.16	21.5 0.0
Channel				632000	633332	634666	Tune-up
Frequency (MHz)				3480	3499.98	3519.99	limit (dB)
60	QPSK	1	1	20.15	19.88	20.18	21.5 0.0
Channel				631668	633332	635000	Tune-up
Frequency (MHz)				3475.02	3499.98	3525	limit (dB)
50	QPSK	1	1	19.80	19.75	20.03	21.5 0.0
Channel				631334	633332	635332	Tune-up
Frequency (MHz)				3470.01	3499.98	3529.98	limit (dB)
40	QPSK	1	1	19.96	20.06	20.07	21.5 0.0
Channel				631000	633332	635666	Tune-up
Frequency (MHz)				3465	3499.98	3534.99	limit (dB)
30	QPSK	1	1	20.17	19.91	20.19	21.5 0.0
Channel				630668	633332	636000	Tune-up
Frequency (MHz)				3460.02	3499.98	3540	limit (dB)
20	QPSK	1	1	19.82	19.77	19.98	21.5 0.0
Channel				630500	633332	636332	Tune-up
Frequency (MHz)				3457.5	3499.98	3542.49	limit (dB)
15	QPSK	1	1	19.87	20.07	20.09	21.5 0.0
Channel				630334	633332	636666	Tune-up
Frequency (MHz)				3455.01	3499.98	3544.98	limit (dB)
10	QPSK	1	1	19.82	19.74	19.99	21.5 0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				630000	641666	645332			
Frequency (MHz)				3670	3624.99	3679.98			
40	PV2 BPSK	1	1	19.94	19.91	19.97			
40	PV2 BPSK	1	53	19.92	19.85	19.99	21.0	0.0	
40	PV2 BPSK	1	104	19.91	19.97	19.95			
40	PV2 BPSK	50	0	20.00	19.89	19.89	21.0	0.0	
40	PV2 BPSK	50	25	19.90	19.86	19.94	21.0	0.0	
40	PV2 BPSK	50	50	19.91	19.99	19.91	21.0	0.0	
40	PV2 BPSK	100	0	19.89	19.96	19.95			
40	QPSK	1	1	19.89	20.03	19.92			
40	QPSK	1	53	19.91	19.98	19.89	21.0	0.0	
40	QPSK	1	104	19.97	19.91	19.98			
40	QPSK	50	0	19.94	20.01	20.00	21.0	0.0	
40	QPSK	50	25	19.91	19.99	19.94	21.0	0.0	
40	QPSK	50	50	19.90	19.97	19.95	21.0	0.0	
40	QPSK	100	0	19.99	20.00	19.92	21.0	0.0	
40	16QAM	1	1	19.98	19.92	19.97	21.0	0.0	
40	64QAM	1	1	19.99	20.00	20.00	21.0	0.0	
40	256QAM	1	1	19.96	19.42	19.33	19.5	1.5	
Channel				637666	641666	645666	Tune-up	MPR	
Frequency (MHz)				3685.02	3624.99	3684.98	limit (dB)		
30	QPSK	1	1	19.84	19.84	19.82	21.0	0.0	
Channel				637334	641666	646000	Tune-up	MPR	
Frequency (MHz)				3660.01	3624.99	3660	limit (dB)		
20	QPSK	1	1	19.80	19.78	19.81	21.0	0.0	
Channel				637168	641666	646166	Tune-up	MPR	
Frequency (MHz)				3657.52	3624.99	3662.48	limit (dB)		
15	QPSK	1	1	19.82	19.82	19.78	21.0	0.0	
Channel				637000	641666	646332	Tune-up	MPR	
Frequency (MHz)				3655	3624.99	3664.98	limit (dB)		
10	QPSK	1	1	19.79	19.84	19.85	21.0	0.0	

FR1 n77 Part 270 Ant 4 PC2&PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3760	3840	3920			
100	PV2 BPSK	1	1	19.97	19.94	19.94			
100	PV2 BPSK	1	137	19.97	19.95	19.99	20.0	0.0	
100	PV2 BPSK	1	271	19.90	19.82	19.95			
100	PV2 BPSK	135	0	19.93	19.93	19.92	20.0	0.0	
100	PV2 BPSK	135	69	19.96	19.93	19.94	20.0	0.0	
100	PV2 BPSK	135	138	19.91	19.99	19.91	20.0	0.0	
100	PV2 BPSK	270	0	19.90	19.97	19.95			
100	QPSK	1	1	19.97	19.98	19.94			
100	QPSK	1	137	19.94	19.93	19.93	20.0	0.0	
100	QPSK	1	271	19.90	19.91	19.98			
100	QPSK	135	0	19.91	19.95	19.97	20.0	0.0	
100	QPSK	135	69	19.93	19.98	19.96	20.0	0.0	
100	QPSK	135	138	19.97	19.93	19.93	20.0	0.0	
100	QPSK	270	0	19.93	19.94	19.99	20.0	0.0	
100	16QAM	1	1	19.80	19.98	19.63	20.0	0.0	
100	64QAM	1	1	19.94	19.99	19.95	20.0	0.0	
100	256QAM	1	1	19.99	19.92	19.92	20.0	0.0	
Channel				649668	656000	662332	Tune-up	MPR	
Frequency (MHz)				3745.02	3840	3924.98	limit (dB)		
90	QPSK	1	1	19.90	19.94	19.99	20.0	0.0	
Channel				649334	656000	662666	Tune-up	MPR	
Frequency (MHz)				3740.01	3840	3930.99	limit (dB)		
80	QPSK	1	1	19.90	19.94	19.90	20.0	0.0	
Channel				649000	656000	663000	Tune-up	MPR	
Frequency (MHz)				3735	3840	3945	limit (dB)		
70	QPSK	1	1	19.95	19.99	19.91	20.0	0.0	
Channel				648668	656000	663332	Tune-up	MPR	
Frequency (MHz)				3730.02	3840	3940.98	limit (dB)		
60	QPSK	1	1	19.49	19.48	19.55	20.0	0.0	
Channel				648334	656000	663666	Tune-up	MPR	
Frequency (MHz)				3725.01	3840	3954.99	limit (dB)		
50	QPSK	1	1	19.48	19.92	19.94	20.0	0.0	
Channel				648000	656000	664000	Tune-up	MPR	
Frequency (MHz)				3720	3840	3960	limit (dB)		
40	QPSK	1	1	19.48	19.90	19.49	20.0	0.0	
Channel				647668	656000	664332	Tune-up	MPR	
Frequency (MHz)				3715.02	3840.00	3964.98	limit (dB)		
30	QPSK	1	1	19.94	19.95	19.48	20.0	0.0	
Channel				647334	656000	664666	Tune-up	MPR	
Frequency (MHz)				3710.01	3840	3969.99	limit (dB)		
20	QPSK	1	1	19.94	19.92	19.95	20.0	0.0	
Channel				647000	656000	664832	Tune-up	MPR	
Frequency (MHz)				3707.99	3840	3972.48	limit (dB)		
15	QPSK	1	1	19.49	19.99	19.94	20.0	0.0	
Channel				647000	656000	665000	Tune-up	MPR	
Frequency (MHz)				3705	3840	3975	limit (dB)		
10	QPSK	1	1	19.91	19.92	19.99	20.0	0.0	

FR1 n77 Part 27Q Ant 4 PC2&PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1		19.28			20.0	0.0
100	PV2 BPSK	1	137		19.32			20.0	0.0
100	PV2 BPSK	1	271		19.36			20.0	0.0
100	PV2 BPSK	135	0		19.34			20.0	0.0
100	PV2 BPSK	135	69		19.31			20.0	0.0
100	PV2 BPSK	135	138		19.36			20.0	0.0
100	PV2 BPSK	270	0		19.35			20.0	0.0
100	QPSK	1	1		19.31			20.0	0.0
100	QPSK	1	137		19.30			20.0	0.0
100	QPSK	1	271		19.33			20.0	0.0
100	QPSK	135	0		19.29			20.0	0.0
100	QPSK	135	69		19.34			20.0	0.0
100	QPSK	135	138		19.30			20.0	0.0
100	QPSK	270	0		19.30			20.0	0.0
100	16QAM	1	1		19.38			20.0	0.0
100	64QAM	1	1		19.31			20.0	0.0
100	256QAM	1	1		19.33			20.0	0.0
Channel				633000	633332	633666	Tune-up	MPR	
Frequency (MHz)				3465	3469.98	3524.98	limit (dbm)		
90	QPSK	1	1	19.23	19.33	19.25	20.0	0.0	
Channel				632668	633332	634000	Tune-up	MPR	
Frequency (MHz)				3460.02	3469.98	3510	limit (dbm)		
80	QPSK	1	1	19.34	19.32	19.33	20.0	0.0	
Channel				632334	633332	634332	Tune-up	MPR	
Frequency (MHz)				3455.01	3469.98	3514.98	limit (dbm)		
70	QPSK	1	1	19.24	19.28	19.34	20.0	0.0	
Channel				632000	633332	634666	Tune-up	MPR	
Frequency (MHz)				3450	3469.98	3519.99	limit (dbm)		
60	QPSK	1	1	19.30	19.28	19.33	20.0	0.0	
Channel				631668	633332	635000	Tune-up	MPR	
Frequency (MHz)				3445.02	3469.98	3525	limit (dbm)		
50	QPSK	1	1	19.23	19.25	19.24	20.0	0.0	
Channel				631334	633332	635332	Tune-up	MPR	
Frequency (MHz)				3440.01	3469.98	3529.98	limit (dbm)		
40	QPSK	1	1	19.32	19.31	19.23	20.0	0.0	
Channel				631000	633332	635666	Tune-up	MPR	
Frequency (MHz)				3435	3469.98	3534.98	limit (dbm)		
30	QPSK	1	1	19.25	19.28	19.26	20.0	0.0	
Channel				630668	633332	636000	Tune-up	MPR	
Frequency (MHz)				3430.02	3469.98	3530	limit (dbm)		
20	QPSK	1	1	19.23	19.32	19.28	20.0	0.0	
Channel				630334	633332	636336	Tune-up	MPR	
Frequency (MHz)				3425.05	3469.98	3532.40	limit (dbm)		
15	QPSK	1	1	19.26	19.24	19.23	20.0	0.0	
Channel				630034	633332	636332	Tune-up	MPR	
Frequency (MHz)				3425.05	3469.98	3534.98	limit (dbm)		
10	QPSK	1	1	19.27	19.33	19.26	20.0	0.0	

FR1 n78_Part 27O Ant 4 PC2&PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				650000	3750		
Frequency (MHz)					19.52		
100	PI2 BPSK	1	1		19.52		
100	PI2 BPSK	1	137		19.20		
100	PI2 BPSK	1	271		19.29		
100	PI2 BPSK	135	0		19.50		20.0
100	PI2 BPSK	135	69		19.15		20.0
100	PI2 BPSK	135	138		19.24		20.0
100	PI2 BPSK	270	0		19.52		20.0
100	QPSK	1	1		19.58		
100	QPSK	1	137		19.33		20.0
100	QPSK	1	271		19.41		20.0
100	QPSK	135	0		19.20		20.0
100	QPSK	135	69		19.50		20.0
100	QPSK	135	138		19.21		20.0
100	QPSK	270	0		19.15		20.0
100	16QAM	1	1		19.52		20.0
100	64QAM	1	1		19.14		20.0
100	256QAM	1	1		19.24		20.0
Channel				649668	650000	650332	Tune-up
Frequency (MHz)				3745.02	3750	3754.98	limit
90	QPSK	1	1		19.49	19.08	19.01
Channel				649334	650000	650666	Tune-up
Frequency (MHz)				3749.01	3750	3750.99	limit
80	QPSK	1	1		19.25	19.24	19.19
Channel				649000	650000	651000	Tune-up
Frequency (MHz)				3746	3750	3754	limit
70	QPSK	1	1		19.45	19.25	19.18
Channel				648668	650000	651332	Tune-up
Frequency (MHz)				3742.02	3750	3753.98	limit
60	QPSK	1	1		19.49	19.08	19.01
Channel				648334	650000	651666	Tune-up
Frequency (MHz)				3738.01	3750	3751.99	limit
50	QPSK	1	1		19.23	19.25	19.15
Channel				648000	650000	652000	Tune-up
Frequency (MHz)				3734	3750	3756	limit
40	QPSK	1	1		19.40	19.20	19.22
Channel				647668	650000	652332	Tune-up
Frequency (MHz)				3730.02	3750.00	3754.98	limit
30	QPSK	1	1		19.39	19.05	19.13
Channel				647334	650000	652666	Tune-up
Frequency (MHz)				3719.01	3750	3753.99	limit
20	QPSK	1	1		19.32	19.25	19.08
Channel				647000	650000	652999	Tune-up
Frequency (MHz)				3717.52	3750	3752.48	limit
15	QPSK	1	1		19.39	19.30	19.23
Channel				647000	650000	653000	Tune-up
Frequency (MHz)				3715	3750	3755	limit
10	QPSK	1	1		19.35	19.28	19.26

FR1 n78_Part 27Q Ant 4 PC2&PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				633000	3495		
Frequency (MHz)					3499.98		
100	PI2 BPSK	1	1		19.04		
100	PI2 BPSK	1	137		19.11		
100	PI2 BPSK	1	271		19.22		
100	PI2 BPSK	135	0		19.36		20.0
100	PI2 BPSK	135	69		19.20		20.0
100	PI2 BPSK	135	138		19.18		20.0
100	PI2 BPSK	270	0		19.03		20.0
100	QPSK	1	1		19.55		
100	QPSK	1	137		19.20		20.0
100	QPSK	1	271		19.33		20.0
100	QPSK	135	0		19.15		20.0
100	QPSK	135	69		19.38		20.0
100	QPSK	135	138		19.30		20.0
100	QPSK	270	0		19.34		20.0
100	16QAM	1	1		19.06		20.0
100	64QAM	1	1		19.14		20.0
100	256QAM	1	1		19.22		20.0
Channel				633000	633332	633666	Tune-up
Frequency (MHz)				3495	3499.98	3504.99	limit
90	QPSK	1	1		19.42	19.97	19.00
Channel				632668	633332	634000	Tune-up
Frequency (MHz)				3490.02	3499.98	3510	limit
80	QPSK	1	1		19.35	19.23	19.11
Channel				632334	633332	634332	Tune-up
Frequency (MHz)				3485.01	3499.98	3514.98	limit
70	QPSK	1	1		19.34	19.03	18.93
Channel				632000	633332	634666	Tune-up
Frequency (MHz)				3480	3499.98	3519.99	limit
60	QPSK	1	1		19.23	19.14	19.09
Channel				631668	633332	635000	Tune-up
Frequency (MHz)				3475.02	3499.98	3525	limit
50	QPSK	1	1		19.29	19.19	19.20
Channel				631334	633332	635332	Tune-up
Frequency (MHz)				3470.01	3499.98	3529.98	limit
40	QPSK	1	1		19.36	18.98	18.93
Channel				631000	633332	635666	Tune-up
Frequency (MHz)				3465	3499.98	3534.99	limit
30	QPSK	1	1		19.32	19.13	19.16
Channel				630668	633332	636000	Tune-up
Frequency (MHz)				3460.02	3499.98	3540	limit
20	QPSK	1	1		19.29	19.14	19.12
Channel				630500	633332	636166	Tune-up
Frequency (MHz)				3457.5	3499.98	3542.49	limit
15	QPSK	1	1		19.27	19.18	19.07
Channel				630334	633332	636332	Tune-up
Frequency (MHz)				3455.01	3499.98	3544.98	limit
10	QPSK	1	1		19.24	19.17	19.01

FR1 n48 Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3670	3624.99	3679.98			
Frequency (MHz)				19.73	19.61	19.77			
40	PV2 BPSK	1	1	19.73	19.61	19.77			
40	PV2 BPSK	1	53	19.61	19.70	19.50	21.0	0.0	
40	PV2 BPSK	1	104	19.56	19.71	19.45			
40	PV2 BPSK	50	0	19.62	19.66	19.61	20.5	0.5	
40	PV2 BPSK	50	26	19.31	19.55	19.41	21.0	0.0	
40	PV2 BPSK	50	50	19.27	19.51	19.28	20.5	0.5	
40	PV2 BPSK	100	0	19.44	19.56	19.35			
40	QPSK	1	1	19.65	20.05	19.84			
40	QPSK	1	53	19.78	19.65	19.66	21.0	0.0	
40	QPSK	1	104	19.70	19.92	19.67			
40	QPSK	50	0	19.68	19.73	19.51	20.0	1.0	
40	QPSK	50	26	19.53	19.77	19.56	21.0	0.0	
40	QPSK	50	50	19.63	19.69	19.45	20.0	1.0	
40	QPSK	100	0	19.55	19.65	19.61			
40	16QAM	1	1	19.81	19.91	19.67	20.0	1.0	
40	64QAM	1	1	19.24	19.40	19.37	18.5	2.5	
40	256QAM	1	1	19.37	19.47	19.42	18.5	4.5	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3655.02	3624.99	3684.99			
30	QPSK	1	1	19.80	19.93	19.79	21.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3660.01	3624.99	3690			
20	QPSK	1	1	19.87	19.90	19.79	21.0	0.0	
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3657.52	3624.99	3692.48			
15	QPSK	1	1	19.82	19.88	19.78	21.0	0.0	
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3655	3624.99	3694.98			
10	QPSK	1	1	19.81	19.97	19.71	21.0	0.0	

FR1 n77 PC3/PC2 Part 270 Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3760	3840	3920			
100	PV2 BPSK	1	1	20.03	19.95	20.00			
100	PV2 BPSK	1	137	20.04	19.93	19.99	20.5	0.0	
100	PV2 BPSK	1	271	20.00	20.12	20.01			
100	PV2 BPSK	135	0	20.06	20.11	19.98	20.5	0.0	
100	PV2 BPSK	135	69	20.05	19.90	20.04	20.5	0.0	
100	PV2 BPSK	135	138	19.99	19.97	20.06	20.5	0.0	
100	PV2 BPSK	270	0	20.02	20.02	20.03	20.05		
100	QPSK	1	1	20.09	20.13	20.10			
100	QPSK	1	137	20.08	19.99	20.07	20.5	0.0	
100	QPSK	1	271	19.92	19.95	20.01			
100	QPSK	135	0	20.02	20.02	20.01	20.5	0.0	
100	QPSK	135	69	19.93	20.10	19.90	20.5	0.0	
100	QPSK	135	138	19.90	19.90	20.08	20.5	0.0	
100	QPSK	270	0	20.02	20.08	20.05			
100	16QAM	1	1	19.84	19.98	20.12	20.5	0.0	
100	64QAM	1	1	19.96	19.90	20.04	20.5	0.0	
100	256QAM	1	1	17.80	18.07	17.83	18.5	2.0	
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	19.87	20.03	19.91	20.5	0.0	
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1	20.02	20.09	19.92	20.5	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	20.02	20.10	19.94	20.5	0.0	
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3940.98			
60	QPSK	1	1	20.01	20.02	19.97	20.5	0.0	
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3945.99			
50	QPSK	1	1	20.02	19.98	19.95	20.5	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3940			
40	QPSK	1	1	19.93	19.98	20.07	20.5	0.0	
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3944.98			
30	QPSK	1	1	19.88	19.92	19.90	20.5	0.0	
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3949.99			
20	QPSK	1	1	19.90	19.92	19.96	20.5	0.0	
Channel				647000	656000	664932	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705.02	3840	3952.48			
15	QPSK	1	1	19.99	19.97	19.93	20.5	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3955			
10	QPSK	1	1	20.05	20.07	19.92	20.5	0.0	

FR1 n77 PC3/PC2 Part 27Q Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				633332	3469.98				
100	PV2 BPSK	1	1	20.13				20.5	0.0
100	PV2 BPSK	1	137	20.21				20.5	0.0
100	PV2 BPSK	1	271	20.07				20.5	0.0
100	PV2 BPSK	135	0	20.27				20.5	0.0
100	PV2 BPSK	135	69	20.07				20.5	0.0
100	PV2 BPSK	135	138	20.04				20.5	0.0
100	PV2 BPSK	270	0	20.05				20.5	0.0
100	QPSK	1	1	20.25				20.05	
100	QPSK	1	137	20.11				20.5	0.0
100	QPSK	1	271	20.07				20.5	0.0
100	QPSK	135	0	20.22				20.5	0.0
100	QPSK	135	69	20.27				20.5	0.0
100	QPSK	135	138	20.06				20.5	0.0
100	QPSK	270	0	20.25				20.5	0.0
100	16QAM	1	1	20.13				20.5	0.0
100	64QAM	1	1	20.05				20.5	0.0
100	256QAM	1	1	18.09				18.5	2.0
Channel									
Frequency (MHz)				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3468.98	3471.98			
90	QPSK	1	1	20.18	20.11	20.24	20.5	0.0	
Channel									
Frequency (MHz)				634002	3469.98	3510	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465.02	3468.98	3470			
80	QPSK	1	1	20.24	20.06	20.15	20.5	0.0	
Channel									
Frequency (MHz)				634334	3469.98	3513.32	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3468.98	3474.98			
70	QPSK	1	1	20.19	20.08	20.09	20.5	0.0	
Channel									
Frequency (MHz)				634666	3469.98	3515.98	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3450.03	3468.98	3479.98			
60	QPSK	1	1	20.23	20.10	20.26	20.5	0.0	
Channel									
Frequency (MHz)				635000	3469.98	3525	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3450.02	3468.98	3480			
50	QPSK	1	1	20.24	20.22	20.26	20.5	0.0	
Channel									
Frequency (MHz)				635334	3469.98	3532.32	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3468.98	3508.98			
40	QPSK	1	1	20.12	20.25	20.08	20.5	0.0	
Channel									
Frequency (MHz)				635100	3469.98	3535.66	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465.01	3471.98	3514.98			
30	QPSK	1	1	20.25	20.13	20.23	20.5	0.0	
Channel									
Frequency (MHz)				635668	3469.98	353800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3470.02	3510			
20	QPSK	1	1	20.22	20.12	20.20	20.5	0.0	
Channel									
Frequency (MHz)				635900	3469.98	3538.98	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3507.97	3469.98	3502.97			
15	QPSK	1	1	20.21	20.14	20.11	20.5	0.0	
Channel									
Frequency (MHz)				636034	3469.98	3540.34	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465.01	3471.98	3514.98			
10	QPSK	1	1	20.15	20.21	20.08	20.5	0.0	

FR1 n78_PC3/PC2 Part 270 Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				650000			
Frequency (MHz)				3750			
100	PI2 BPSK	1	1	19.87			
100	PI2 BPSK	1	137	19.89			
100	PI2 BPSK	1	271	19.82			
100	PI2 BPSK	135	0	20.02		20.5	0.0
100	PI2 BPSK	135	69	19.86		20.5	0.0
100	PI2 BPSK	135	138	19.93		20.5	0.0
100	PI2 BPSK	270	0	19.81		20.01	
100	QPSK	1	1	20.02			
100	QPSK	1	137	19.99		20.5	0.0
100	QPSK	1	271	20.01			
100	QPSK	135	0	19.88		20.5	0.0
100	QPSK	135	69	20.04		20.5	0.0
100	QPSK	135	138	19.91		20.5	0.0
100	QPSK	270	0	20.01		20.5	0.0
100	16QAM	1	1	19.96		20.5	0.0
100	64QAM	1	1	20.01		20.5	0.0
100	256QAM	1	1	17.88		19.5	2.0
Channel				649668	650000	650332	Tune-up
Frequency (MHz)				3745.02	3750	3754.98	limit (dB)
90	QPSK	1	1	19.94	19.91	19.88	20.5
Channel				649334	650000	650666	Tune-up
Frequency (MHz)				3740.01	3750	3760.99	limit (dB)
80	QPSK	1	1	19.97	19.84	19.96	20.5
Channel				649000	650000	651000	Tune-up
Frequency (MHz)				3736	3750	3764	limit (dB)
70	QPSK	1	1	19.99	20.01	19.84	20.5
Channel				648668	650000	651332	Tune-up
Frequency (MHz)				3730.02	3750	3769.98	limit (dB)
60	QPSK	1	1	19.98	20.02	19.96	20.5
Channel				648334	650000	651666	Tune-up
Frequency (MHz)				3725.01	3750	3774.99	limit (dB)
50	QPSK	1	1	19.93	19.86	19.93	20.5
Channel				648000	650000	652000	Tune-up
Frequency (MHz)				3720	3750	3780	limit (dB)
40	QPSK	1	1	19.85	20.02	19.94	20.5
Channel				647668	650000	652332	Tune-up
Frequency (MHz)				3715.02	3750	3784.98	limit (dB)
30	QPSK	1	1	20.02	19.83	19.91	20.5
Channel				647334	650000	652666	Tune-up
Frequency (MHz)				3710.01	3750	3789.99	limit (dB)
20	QPSK	1	1	19.88	19.93	19.86	20.5
Channel				647000	650000	653000	Tune-up
Frequency (MHz)				3707.52	3750	3792.48	limit (dB)
15	QPSK	1	1	19.92	19.92	19.97	20.5
Channel				647000	650000	653000	Tune-up
Frequency (MHz)				3705	3750	3795	limit (dB)
10	QPSK	1	1	19.87	19.99	20.01	20.5

FR1 n78_PC3/PC2 Part 27Q Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				633332			
Frequency (MHz)				3499.98			
100	PI2 BPSK	1	1	19.99			
100	PI2 BPSK	1	137	19.97			
100	PI2 BPSK	1	271	20.05			
100	PI2 BPSK	135	0	19.89		20.5	0.0
100	PI2 BPSK	135	69	20.07		20.5	0.0
100	PI2 BPSK	135	138	19.93		20.5	0.0
100	PI2 BPSK	270	0	20.01		20.01	
100	QPSK	1	1	20.12			
100	QPSK	1	137	20.09		20.5	0.0
100	QPSK	1	271	20.30			
100	QPSK	135	0	20.03		20.5	0.0
100	QPSK	135	69	20.08		20.5	0.0
100	QPSK	135	138	19.96		20.5	0.0
100	QPSK	270	0	20.03		20.5	0.0
100	16QAM	1	1	20.08		20.5	0.0
100	64QAM	1	1	19.93		20.5	0.0
100	256QAM	1	1	17.98		18.5	2.0
Channel				633000	633332	633666	Tune-up
Frequency (MHz)				3495	3499.98	3504.99	limit (dB)
90	QPSK	1	1	20.02	20.00	20.08	20.5
Channel				632668	633332	634000	Tune-up
Frequency (MHz)				3490.02	3499.98	3510	limit (dB)
80	QPSK	1	1	20.07	19.95	20.00	20.5
Channel				632334	633332	634332	Tune-up
Frequency (MHz)				3485.01	3499.98	3514.98	limit (dB)
70	QPSK	1	1	19.93	19.98	20.05	20.5
Channel				632000	633332	634666	Tune-up
Frequency (MHz)				3480	3499.98	3519.99	limit (dB)
60	QPSK	1	1	20.03	20.07	20.09	20.5
Channel				631668	633332	635000	Tune-up
Frequency (MHz)				3475.02	3499.98	3525	limit (dB)
50	QPSK	1	1	20.06	20.01	19.94	20.5
Channel				631334	633332	635332	Tune-up
Frequency (MHz)				3470.01	3499.98	3529.98	limit (dB)
40	QPSK	1	1	20.03	19.90	19.92	20.5
Channel				631000	633332	635666	Tune-up
Frequency (MHz)				3465	3499.98	3534.99	limit (dB)
30	QPSK	1	1	20.04	19.92	19.99	20.5
Channel				630668	633332	636000	Tune-up
Frequency (MHz)				3460.02	3499.98	3540	limit (dB)
20	QPSK	1	1	19.92	20.03	20.07	20.5
Channel				630300	633332	636366	Tune-up
Frequency (MHz)				3457.5	3499.98	3542.49	limit (dB)
15	QPSK	1	1	19.92	20.02	19.92	20.5
Channel				630334	633332	636332	Tune-up
Frequency (MHz)				3455.01	3499.98	3544.98	limit (dB)
10	QPSK	1	1	20.04	20.07	20.04	20.5

FR1 n2 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 372000	Power Middle Ch. / Freq. 376000	Power High Ch. / Freq. 380000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	PI/2 BPSK	1	1	22.90	22.91	22.87	24.0	0.0
20	PI/2 BPSK	1	53	22.85	22.68	22.57	24.0	0.0
20	PI/2 BPSK	1	104	22.76	22.79	22.69	24.0	0.0
20	PI/2 BPSK	50	0	22.64	22.81	22.82	24.0	0.0
20	PI/2 BPSK	50	28	22.64	22.82	22.82	24.0	0.0
20	PI/2 BPSK	50	56	22.80	22.90	22.80	24.0	0.0
20	PI/2 BPSK	100	0	22.75	22.85	22.92	24.0	0.0
20	QPSK	1	1	22.97	23.04	23.02	24.0	0.0
20	QPSK	1	53	22.87	22.89	22.75	24.0	0.0
20	QPSK	1	104	22.85	22.88	22.82	24.0	0.0
20	QPSK	50	0	22.85	22.88	22.92	24.0	0.0
20	QPSK	50	28	22.86	22.92	22.90	24.0	0.0
20	QPSK	50	56	22.86	22.91	22.82	24.0	0.0
20	QPSK	100	0	22.76	22.85	22.92	24.0	0.0
20	16QAM	1	1	22.92	23.02	23.01	24.0	0.0
20	64QAM	1	1	21.55	21.72	21.70	22.5	1.5
20	256QAM	1	1	19.64	19.70	19.66	20.5	3.5
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.93	22.98	23.02	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.76	22.88	22.83	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.83	22.89	22.81	24.0	0.0

Reduced Power Mode for Sensor on								
FR1 n7 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 504000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 510000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI/2 BPSK	1	1	22.55	22.72	22.75	24.0	0.0
40	PI/2 BPSK	1	108	22.44	22.77	22.69	24.0	0.0
40	PI/2 BPSK	1	214	22.72	22.62	22.53	24.0	0.0
40	PI/2 BPSK	108	0	22.73	22.70	22.51	24.0	0.0
40	PI/2 BPSK	108	54	22.45	22.67	22.52	24.0	0.0
40	PI/2 BPSK	108	108	22.33	22.82	22.81	24.0	0.0
40	PI/2 BPSK	216	0	22.56	22.75	22.61	24.0	0.0
40	QPSK	1	1	22.73	22.84	22.81	24.0	0.0
40	QPSK	1	108	22.61	22.78	22.69	24.0	0.0
40	QPSK	1	214	22.72	22.76	22.58	24.0	0.0
40	QPSK	108	0	22.73	22.70	22.60	24.0	0.0
40	QPSK	108	54	22.55	22.83	22.52	24.0	0.0
40	QPSK	108	108	22.52	22.79	22.70	24.0	0.0
40	QPSK	216	0	22.56	22.81	22.67	24.0	0.0
40	16QAM	1	1	22.86	22.67	22.62	24.0	0.0
40	64QAM	1	1	21.32	21.31	21.31	22.5	1.5
40	256QAM	1	1	19.22	19.28	19.22	20.5	3.5
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.72	22.79	22.77	24.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	22.59	22.67	22.71	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.52	22.66	22.75	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.58	22.79	22.69	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.59	22.68	22.60	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.61	22.75	22.71	24.0	0.0

FR1 n25 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 374000	Power Middle Ch. / Freq. 376500	Power High Ch. / Freq. 379000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI/2 BPSK	1	1	22.96	22.97	22.74	24.0	0.0
40	PI/2 BPSK	1	108	22.87	22.80	22.65	24.0	0.0
40	PI/2 BPSK	1	214	22.75	22.82	22.79	24.0	0.0
40	PI/2 BPSK	108	0	22.82	22.87	22.76	24.0	0.0
40	PI/2 BPSK	108	54	22.80	22.80	22.79	24.0	0.0
40	PI/2 BPSK	108	108	22.74	22.69	22.80	24.0	0.0
40	PI/2 BPSK	216	0	22.67	22.98	22.65	24.0	0.0
40	QPSK	1	1	22.97	23.02	22.95	24.0	0.0
40	QPSK	1	108	22.95	22.86	22.81	24.0	0.0
40	QPSK	1	214	22.84	22.81	22.78	24.0	0.0
40	QPSK	108	0	22.80	22.94	22.80	24.0	0.0
40	QPSK	108	54	22.88	22.95	22.83	24.0	0.0
40	QPSK	108	108	22.93	22.81	22.84	24.0	0.0
40	QPSK	216	0	22.76	22.99	22.78	24.0	0.0
40	16QAM	1	1	22.95	22.78	22.77	24.0	0.0
40	64QAM	1	1	21.41	21.48	21.20	22.5	1.5
40	256QAM	1	1	19.54	19.42	19.27	20.5	3.5
Channel								
Frequency (MHz)								
35	QPSK	1	1	22.90	22.89	22.94	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.76	22.98	22.74	24.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	22.81	22.99	22.94	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.94	22.87	22.95	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.95	23.01	22.84	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.98	22.91	22.74	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.89	22.94	22.87	24.0	0.0

FR1 n30 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2310					
Frequency (MHz)									
10	PI/2 BPSK	1	1		21.64		23.0	0.0	
10	PI/2 BPSK	1	26		21.63				
10	PI/2 BPSK	1	50		21.51		23.0	0.0	
10	PI/2 BPSK	25	0		21.85				
10	PI/2 BPSK	25	14		21.74		23.0	0.0	
10	PI/2 BPSK	25	27		21.57				
10	PI/2 BPSK	50	0		21.69		23.0	0.0	
10	QPSK	1	1		21.88				
10	QPSK	1	26		21.63		23.0	0.0	
10	QPSK	1	50		21.71				
10	QPSK	25	0		21.81		23.0	0.0	
10	QPSK	25	14		21.85				
10	QPSK	25	27		21.69		23.0	0.0	
10	QPSK	50	0		21.78				
10	16QAM	1	1		21.75		23.0	0.0	
10	64QAM	1	1		21.52				
10	256QAM	1	1		19.35		20.5	2.5	
Channel				461500	462000	462500	Tune-up		
Frequency (MHz)				2307.5	2310	2312.5	limit		
5	QPSK	1	1	21.74	21.77	21.76	23.0	0.0	

FR1 n66 Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)		
Channel				346000						
Frequency (MHz)				1720			1745			
40	PI2 BPSK	1	1	23.13	22.97	23.01	24.0	0.0		
40	PI2 BPSK	1	108	22.77	22.79	22.80				
40	PI2 BPSK	1	214	22.61	22.81	22.77	24.0	0.0		
40	PI2 BPSK	108	0	23.06	22.84	22.82				
40	PI2 BPSK	108	54	22.69	22.84	22.82	24.0	0.0		
40	PI2 BPSK	108	108	22.53	22.75	22.52				
40	PI2 BPSK	216	0	22.58	22.73	22.50	24.0	0.0		
40	QPSK	1	1	23.12	23.15	23.11				
40	QPSK	1	108	22.84	23.00	22.79	24.0	0.0		
40	QPSK	1	214	22.81	22.93	22.88				
40	QPSK	108	0	23.11	23.13	22.97	24.0	0.0		
40	QPSK	108	54	22.96	23.15	22.84				
40	QPSK	108	108	22.74	22.88	22.66	24.0	0.0		
40	QPSK	216	0	22.64	22.73	22.59				
40	16QAM	1	1	22.91	23.11	22.97	24.0	0.0		
40	64QAM	1	1	21.84	21.88	21.85				
40	256QAM	1	1	19.87	20.06	20.05	20.5	3.5		
Channel				345500	346000	346500	Tune-up limit			
Frequency (MHz)				1727.5	1745	1762.5	MPR (db)			
35	QPSK	1	1	23.14	23.01	22.96	24.0	0.0		
Channel				345000	346000	346000				
Frequency (MHz)				1725	1745	1765	Tune-up limit			
30	QPSK	1	1	23.02	23.04	22.92	24.0	0.0		
Channel				344500	346000	346500				
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit			
25	QPSK	1	1	23.02	23.01	22.89	24.0	0.0		
Channel				344000	346000	346000				
Frequency (MHz)				1720	1745	1760	Tune-up limit			
20	QPSK	1	1	23.13	23.10	23.07	24.0	0.0		
Channel				343500	346000	346500				
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit			
15	QPSK	1	1	22.93	22.98	23.03	24.0	0.0		
Channel				343000	346000	346000				
Frequency (MHz)				1715	1745	1775	Tune-up limit			
10	QPSK	1	1	23.04	23.04	23.00	24.0	0.0		
Channel				342500	346000	346500				
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit			
5	QPSK	1	1	23.07	22.97	23.09	24.0		0.0	

FR1 n2 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1850	1880	1900			
Frequency (MHz)									
20	PI/2 BPSK	1	1	22.32	22.20	22.43			
20	PI/2 BPSK	1	53	22.30	22.21	22.33	24.0	0.0	
20	PI/2 BPSK	1	104	22.29	22.45	22.29			
20	PI/2 BPSK	50	0	22.17	22.34	22.35	24.0	0.0	
20	PI/2 BPSK	50	28	22.32	22.28	22.17	24.0	0.0	
20	PI/2 BPSK	50	56	22.30	22.36	22.43	24.0	0.0	
20	PI/2 BPSK	100	0	22.37	22.39	22.43			
20	QPSK	1	1	22.49	22.51	22.38			
20	QPSK	1	53	22.28	22.41	22.40	24.0	0.0	
20	QPSK	1	104	22.21	22.37	22.15			
20	QPSK	50	0	22.37	22.33	22.21	24.0	0.0	
20	QPSK	50	28	22.42	22.43	22.25	24.0	0.0	
20	QPSK	50	56	22.18	22.37	22.15	24.0	0.0	
20	QPSK	100	0	22.22	22.42	22.27			
20	16QAM	1	1	22.46	22.47	22.26	24.0	0.0	
20	64QAM	1	1	21.16	21.16	21.07	22.5	1.5	
20	256QAM	1	1	18.59	18.18	18.02	20.5	3.5	
Channel				314500	316100	318050	Tune-up	MPR	
Frequency (MHz)				1857.5	1880	1902.5	limit		
15	QPSK	1	1	22.38	22.47	22.17	24.0	0.0	
Channel				371000	375000	381000	Tune-up	MPR	
Frequency (MHz)				1855	1880	1905	limit		
10	QPSK	1	1	22.36	22.46	22.22	24.0	0.0	
Channel				370500	376000	381500	Tune-up	MPR	
Frequency (MHz)				1852.5	1880	1907.5	limit		
5	QPSK	1	1	22.47	22.30	22.32	24.0	0.0	

FR1 n5 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				834	836.5	839			
Frequency (MHz)									
20	PI/2 BPSK	1	1	23.11	23.13	23.13			
20	PI/2 BPSK	1	53	22.99	23.07	23.04	24.0	0.0	
20	PI/2 BPSK	1	104	23.23	23.29	23.31			
20	PI/2 BPSK	50	0	23.20	23.12	23.02	24.0	0.0	
20	PI/2 BPSK	50	28	23.07	23.06	23.22	24.0	0.0	
20	PI/2 BPSK	50	56	23.13	23.14	23.11	24.0	0.0	
20	PI/2 BPSK	100	0	23.29	23.25	23.20			
20	QPSK	1	1	23.27	23.35	23.34			
20	QPSK	1	53	23.14	23.30	23.16	24.0	0.0	
20	QPSK	1	104	23.09	23.14	23.12			
20	QPSK	50	0	23.16	23.29	23.23	24.0	0.0	
20	QPSK	50	28	23.19	23.31	23.18	24.0	0.0	
20	QPSK	50	56	23.05	23.24	23.23	24.0	0.0	
20	QPSK	100	0	23.25	23.26	23.14			
20	16QAM	1	1	23.34	23.32	23.19	24.0	0.0	
20	64QAM	1	1	22.08	22.09	22.02	22.5	1.5	
20	256QAM	1	1	18.95	20.08	20.01	20.5	3.5	
Channel				163300	163800	164300	Tune-up	MPR	
Frequency (MHz)				831.5	836.5	841.5	limit		
15	QPSK	1	1	23.14	23.26	23.16	24.0	0.0	
Channel				165300	167300	169300	Tune-up	MPR	
Frequency (MHz)				829	836.5	844	limit		
10	QPSK	1	1	23.20	23.31	23.34	24.0	0.0	
Channel				165300	167300	169300	Tune-up	MPR	
Frequency (MHz)				824.5	836.5	846.5	limit		
5	QPSK	1	1	23.27	23.33	23.19	24.0	0.0	

FR1 n7 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2530	2535	2550			
Frequency (MHz)									
40	PI/2 BPSK	1	1	21.83	21.84	21.92			
40	PI/2 BPSK	1	108	21.54	21.68	21.56	23.0	0.0	
40	PI/2 BPSK	1	214	21.70	21.54	21.73			
40	PI/2 BPSK	108	0	21.52	21.51	21.60	23.0	0.0	
40	PI/2 BPSK	108	54	21.55	21.53	21.46	23.0	0.0	
40	PI/2 BPSK	108	108	21.64	21.64	21.58			
40	PI/2 BPSK	216	0	21.67	21.94	21.79	23.0	0.0	
40	QPSK	1	1	21.87	22.00	21.94			
40	QPSK	1	108	21.74	21.90	21.81	23.0	0.0	
40	QPSK	1	214	21.62	21.76	21.59			
40	QPSK	108	0	21.61	21.74	21.64	23.0	0.0	
40	QPSK	108	54	21.54	21.75	21.44	23.0	0.0	
40	QPSK	108	108	21.44	21.63	21.42			
40	QPSK	216	0	21.70	21.74	21.66	23.0	0.0	
40	16QAM	1	1	21.67	21.82	21.73	23.0	0.0	
40	64QAM	1	1	20.21	20.38	20.18	21.5	1.5	
40	256QAM	1	1	18.31	18.47	18.41	19.5	3.5	
Channel				503000	507000	511000	Tune-up	MPR	
Frequency (MHz)				2515	2535	2555	limit		
30	QPSK	1	1	21.78	21.99	21.89	23.0	0.0	
Channel				502500	507000	511500	Tune-up	MPR	
Frequency (MHz)				2512.5	2535	2557.5	limit		
25	QPSK	1	1	21.68	21.94	21.81	23.0	0.0	
Channel				502000	507000	512000	Tune-up	MPR	
Frequency (MHz)				2510	2535	2560	limit		
20	QPSK	1	1	21.86	21.83	21.83	23.0	0.0	
Channel				501500	507000	512500	Tune-up	MPR	
Frequency (MHz)				2507.5	2535	2562.5	limit		
15	QPSK	1	1	21.72	21.94	21.73	23.0	0.0	
Channel				501000	507000	513000	Tune-up	MPR	
Frequency (MHz)				2505	2535	2565	limit		
10	QPSK	1	1	21.76	21.91	21.84	23.0	0.0	
Channel				500500	507000	513500	Tune-up	MPR	
Frequency (MHz)				2502.5	2535	2567.5	limit		
5	QPSK	1	1	21.86	21.79	21.76	23.0	0.0	

FR1 n12 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 141300	Power Middle Ch. / Freq. 141500	Power High Ch. / Freq. 141700	Tune-up limit (dbm)	MPR (db)	
Channel				705.5	707.5	709.5			
Frequency (MHz)									
15	PI/2 BPSK	1	1	23.08	23.15	23.12			
15	PI/2 BPSK	1	40	22.79	23.02	23.05	24.0	0.0	
15	PI/2 BPSK	1	77	23.25	23.20	23.33			
15	PI/2 BPSK	36	0	23.12	22.93	23.03	24.0	0.0	
15	PI/2 BPSK	36	22	22.85	22.90	23.00	24.0	0.0	
15	PI/2 BPSK	36	43	22.93	22.97	23.10			
15	PI/2 BPSK	75	0	23.30	23.25	22.98	24.0	0.0	
15	QPSK	1	1	23.31	23.39	23.24			
15	QPSK	1	40	23.07	23.20	23.13	24.0	0.0	
15	QPSK	1	77	23.09	23.13	22.96			
15	QPSK	36	0	23.03	23.18	23.18	24.0	0.0	
15	QPSK	36	22	22.91	23.19	23.10	24.0	0.0	
15	QPSK	36	43	22.97	23.07	23.09			
15	QPSK	75	0	23.25	23.27	22.97	24.0	0.0	
15	16QAM	1	1	23.30	23.29	23.10	24.0	0.0	
15	64QAM	1	1	22.01	21.87	21.82	22.5	1.5	
15	256QAM	1	1	19.81	20.09	19.82	20.5	3.5	
Channel				140800	141500	142200	Tune-up	MPR	
Frequency (MHz)				707.5	711	715	limit	(db)	
10	QPSK	1	1	23.13	23.31	23.08	24.0	0.0	
Channel				140300	141500	142700	Tune-up	MPR	
Frequency (MHz)				701.5	707.5	713.5	limit	(db)	
5	QPSK	1	1	23.12	23.28	23.23	24.0	0.0	

FR1 n13 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				752	156400				
Frequency (MHz)									
10	PI/2 BPSK	1	1		23.00				
10	PI/2 BPSK	1	26		23.07		24.0	0.0	
10	PI/2 BPSK	1	50		22.98				
10	PI/2 BPSK	25	0		22.97		24.0	0.0	
10	PI/2 BPSK	25	14		22.87		24.0	0.0	
10	PI/2 BPSK	25	27		22.82		24.0	0.0	
10	PI/2 BPSK	50	0		22.98				
10	QPSK	1	1		23.12				
10	QPSK	1	26		23.11		24.0	0.0	
10	QPSK	1	50		23.09				
10	QPSK	25	0		23.00		24.0	0.0	
10	QPSK	25	14		23.05		24.0	0.0	
10	QPSK	25	27		23.03		24.0	0.0	
10	QPSK	50	0		23.10				
10	16QAM	1	1		23.11		24.0	0.0	
10	64QAM	1	1		21.85		22.5	1.5	
10	256QAM	1	1		19.82		20.5	3.5	
Channel				155900	156400	156900	Tune-up	MPR	
Frequency (MHz)				779.5	782	784.5	limit	(dB)	
5	QPSK	1	1	23.07	22.91	22.92	24.0	0.0	

FR1 n14 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				793					
Frequency (Mhz)									
10	PI/2 BPSK	1	1		23.13		24.0	0.0	
10	PI/2 BPSK	1	26		23.09				
10	PI/2 BPSK	1	50		23.02				
10	PI/2 BPSK	25	0		23.18		24.0	0.0	
10	PI/2 BPSK	25	14		23.18		24.0	0.0	
10	PI/2 BPSK	25	27		23.15		24.0	0.0	
10	PI/2 BPSK	50	0		23.08				
10	QPSK	1	1		23.31		24.0	0.0	
10	QPSK	1	26		23.30				
10	QPSK	1	50		23.22				
10	QPSK	25	0		23.21		24.0	0.0	
10	QPSK	25	14		23.27		24.0	0.0	
10	QPSK	25	27		23.24		24.0	0.0	
10	QPSK	50	0		23.30				
10	16QAM	1	1		23.29		24.0	0.0	
10	64QAM	1	1		21.88		22.5	1.5	
10	256QAM	1	1		19.76		20.5	3.5	
Channel				158100	158600	159100	Tune-up	MPR	
Frequency (MHz)				790.5	793	795.5	limit	(db)	
5	QPSK	1	1	23.30	23.14	23.23	24.0	0.0	

FR1 n25 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 374000	Power High Ch. / Freq. 376500	Power High Ch. / Freq. 379000	Tune-up limit (dbm)	MPR (db)	
Channel									
Frequency (MHz)									
40	PI/2 BPSK	1	1	22.16	22.34	22.22			
40	PI/2 BPSK	1	108	22.16	22.29	22.27	24.0	0.0	
40	PI/2 BPSK	1	214	22.11	22.06	22.27			
40	PI/2 BPSK	108	0	22.08	22.14	22.09	24.0	0.0	
40	PI/2 BPSK	108	54	22.13	22.06	22.27	24.0	0.0	
40	PI/2 BPSK	108	108	22.22	22.20	22.19	24.0	0.0	
40	PI/2 BPSK	216	0	22.24	22.38	22.20			
40	QPSK	1	1	22.38	22.49	22.41			
40	QPSK	1	108	22.21	22.34	22.35	24.0	0.0	
40	QPSK	1	214	22.12	22.32	22.26			
40	QPSK	108	0	22.18	22.27	22.09	24.0	0.0	
40	QPSK	108	54	22.09	22.29	22.18	24.0	0.0	
40	QPSK	108	108	22.05	22.26	22.25	24.0	0.0	
40	QPSK	216	0	22.25	22.39	22.29	24.0	0.0	
40	16QAM	1	1	22.21	22.39	22.27	24.0	0.0	
40	64QAM	1	1	20.94	21.03	21.00	22.5	1.5	
40	256QAM	1	1	18.99	19.08	18.87	20.5	3.5	
Channel									
Frequency (MHz)									
35	QPSK	1	1	22.19	22.45	22.23	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.18	22.42	22.42	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.19	22.40	22.28	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.28	22.43	22.53	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.34	22.42	22.36	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.26	22.36	22.27	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.38	22.49	22.28	24.0	0.0	

FR1 n26 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq 164600	Power High Ch / Freq 166300	Power High Ch / Freq 167800	Tune-up limit (dbm)	MPR (db)	
Channel									
Frequency (MHz)									
20	PI/2 BPSK	1	1	23.11	22.93	22.94			
20	PI/2 BPSK	1	53	23.09	23.17	23.24	24.0	0.0	
20	PI/2 BPSK	1	104	23.23	23.10	23.10			
20	PI/2 BPSK	50	0	23.13	23.09	23.14	24.0	0.0	
20	PI/2 BPSK	50	28	23.19	23.14	23.29	24.0	0.0	
20	PI/2 BPSK	50	56	23.21	23.16	23.15	24.0	0.0	
20	PI/2 BPSK	100	0	23.14	23.22	23.26	24.0	0.0	
20	QPSK	1	1	23.22	23.34	23.23			
20	QPSK	1	53	22.96	23.14	23.12	24.0	0.0	
20	QPSK	1	104	23.06	23.24	23.25			
20	QPSK	50	0	23.08	23.23	23.01	24.0	0.0	
20	QPSK	50	28	23.23	23.31	23.11	24.0	0.0	
20	QPSK	50	56	23.11	23.29	23.19			
20	QPSK	100	0	23.16	23.30	23.15	24.0	0.0	
20	16QAM	1	1	23.32	23.32	23.18	24.0	0.0	
20	64QAM	1	1	21.84	21.92	21.91	22.5	1.5	
20	256QAM	1	1	19.86	19.91	19.70	20.5	3.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.15	23.16	23.24	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.12	23.25	23.17	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	23.17	23.22	23.13	24.0	0.0	

FR1 n30 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel									
Frequency (Mhz)									
10	PI/2 BPSK	1	1		22.21		23.0		0.0
10	PI/2 BPSK	1	26		22.15				
10	PI/2 BPSK	1	50		22.07				
10	PI/2 BPSK	25	0		21.92				
10	PI/2 BPSK	25	14		21.81		23.0		0.0
10	PI/2 BPSK	25	27		21.96		23.0		0.0
10	PI/2 BPSK	50	0		22.01		23.0		0.0
10	QPSK	1	1		22.25		23.0		0.0
10	QPSK	1	26		22.22				
10	QPSK	1	50		22.23				
10	QPSK	25	0		22.03		23.0		0.0
10	QPSK	25	14		22.10		23.0		0.0
10	QPSK	25	27		22.09		23.0		0.0
10	QPSK	50	0		22.01		23.0		0.0
10	16QAM	1	1		22.12		23.0		0.0
10	64QAM	1	1		20.84		21.5		1.5
10	256QAM	1	1		18.65		19.5		3.5
Channel									
Frequency (Mhz)									
5	QPSK	1	1	22.20	22.20	22.29	23.0		0.0

FR1 n66 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power		Power		Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq. 346000	Low 1745	Middle Ch. / Freq. 349000	High Ch. / Freq. 355000		
Channel				1730	1745	1760			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	22.03	22.08	22.03			
40	PI/2 BPSK	1	108	22.01	22.09	22.07	24.0	0.0	
40	PI/2 BPSK	1	214	22.32	22.39	22.36			
40	PI/2 BPSK	108	0	22.20	22.23	22.18	24.0	0.0	
40	PI/2 BPSK	108	54	22.09	22.11	22.12	24.0	0.0	
40	PI/2 BPSK	108	108	22.11	22.32	22.33	24.0	0.0	
40	QPSK	1	1	22.37	22.24	22.29			
40	QPSK	1	108	22.44	22.45	22.24			
40	QPSK	1	214	22.02	22.15	22.05	24.0	0.0	
40	QPSK	108	0	22.27	22.24	22.37	24.0	0.0	
40	QPSK	108	54	22.25	22.35	22.25	24.0	0.0	
40	QPSK	108	108	22.12	22.22	22.13	24.0	0.0	
40	QPSK	216	0	22.26	22.32	22.28			
40	16QAM	1	1	22.35	22.44	22.41	24.0	0.0	
40	64QAM	1	1	21.06	21.11	21.02	22.5	1.5	
40	256QAM	1	1	19.08	19.23	19.18	20.5	3.5	
Channel				345500	349000	352500			
Frequency (MHz)				1727.5	1745	1762.5	limit		
35	QPSK	1	1	22.23	22.40	22.05	24.0	0.0	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765	limit		
30	QPSK	1	1	22.44	22.25	22.07	24.0	0.0	
Channel				344500	349000	353500			
Frequency (MHz)				1722.5	1745	1767.5	limit		
25	QPSK	1	1	22.30	22.37	22.15	24.0	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770	limit		
20	QPSK	1	1	22.30	22.26	22.07	24.0	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5	limit		
15	QPSK	1	1	22.36	22.26	22.21	24.0	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775	limit		
10	QPSK	1	1	22.43	22.25	22.21	24.0	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5	limit		
5	QPSK	1	1	22.22	22.43	22.16	24.0	0.0	

FR1 n71 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq. 134600	Middle Ch. / Freq. 136100	High Ch. / Freq. 137600			
Channel				673	680.5	688			
Frequency (MHz)									
20	PI/2 BPSK	1	1	22.88	22.92	23.03			
20	PI/2 BPSK	1	53	22.49	22.75	22.84	24.0	0.0	
20	PI/2 BPSK	1	104	22.97	22.94	23.12			
20	PI/2 BPSK	50	0	22.82	22.77	22.81	24.0	0.0	
20	PI/2 BPSK	50	28	22.54	22.61	22.74	24.0	0.0	
20	PI/2 BPSK	50	56	22.82	22.74	22.89	24.0	0.0	
20	PI/2 BPSK	100	0	23.04	22.96	22.92			
20	QPSK	1	1	23.17	23.22	23.18			
20	QPSK	1	53	23.07	23.01	23.10	24.0	0.0	
20	QPSK	1	104	23.10	22.82	22.81			
20	QPSK	50	0	23.04	23.05	23.10	24.0	0.0	
20	QPSK	50	28	22.81	23.12	22.81	24.0	0.0	
20	QPSK	50	56	22.78	23.07	23.00	24.0	0.0	
20	QPSK	100	0	23.14	23.15	22.97			
20	16QAM	1	1	23.17	23.21	22.99	24.0	0.0	
20	64QAM	1	1	22.02	21.82	21.71	22.5	1.5	
20	256QAM	1	1	19.68	20.08	19.68	20.5	3.5	
Channel				134100	135100	136100	Tune-up	MPR	
Frequency (MHz)				670.5	680.5	690.5	limit	(dB)	
15	QPSK	1	1	23.00	23.08	23.03	24.0	0.0	
Channel				133500	135100	136600	Tune-up	MPR	
Frequency (MHz)				665	680.5	693	limit	(dB)	
10	QPSK	1	1	22.99	22.94	23.09	24.0	0.0	
Channel				133100	136100	139100	Tune-up	MPR	
Frequency (MHz)				665.5	680.5	695.5	limit	(dB)	
5	QPSK	1	1	22.92	23.04	23.06	24.0	0.0	

FR1 n30 Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				462000			24.0	0.0
Frequency (MHz)				2310				
10	PI/2 BPSK	1	1	23.01				
10	PI/2 BPSK	1	26	22.79				
10	PI/2 BPSK	1	50	22.84				
10	PI/2 BPSK	25	0	22.87			24.0	0.0
10	PI/2 BPSK	25	14	22.86			24.0	0.0
10	PI/2 BPSK	25	27	22.70			24.0	0.0
10	PI/2 BPSK	50	0	22.77				
10	QPSK	1	1	23.08			24.0	0.0
10	QPSK	1	26	22.94				
10	QPSK	1	50	23.05				
10	QPSK	25	0	22.87			24.0	0.0
10	QPSK	25	14	22.87			24.0	0.0
10	QPSK	25	27	22.87			24.0	0.0
10	QPSK	50	0	22.92				
10	16QAM	1	1	23.05			24.0	0.0
10	64QAM	1	1	21.79			22.5	1.5
10	256QAM	1	1	19.55			20.5	3.5
Channel				461500	462000	462500	Tune-up limit	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	22.98	23.00	23.07	24.0	0.0

FR1 n2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1850	1880	1900			
Frequency (MHz)				20.62	20.67	20.73			
20	PI/2 BPSK	1	1	20.62	20.67	20.73			
20	PI/2 BPSK	1	53	20.70	20.72	20.55	21.5	0.0	
20	PI/2 BPSK	1	104	20.61	20.66	20.63			
20	PI/2 BPSK	50	0	20.61	20.69	20.71	21.5	0.0	
20	PI/2 BPSK	50	28	20.58	20.55	20.50	21.5	0.0	
20	PI/2 BPSK	50	56	20.64	20.65	20.62			
20	PI/2 BPSK	100	0	20.72	20.72	20.64	21.5	0.0	
20	QPSK	1	1	20.78	20.88	20.75			
20	QPSK	1	53	20.78	20.74	20.77	21.5	0.0	
20	QPSK	1	104	20.68	20.75	20.69			
20	QPSK	50	0	20.64	20.64	20.63	21.5	0.0	
20	QPSK	50	28	20.69	20.73	20.70	21.5	0.0	
20	QPSK	50	56	20.72	20.68	20.64			
20	QPSK	100	0	20.64	20.70	20.68	21.5	0.0	
20	16QAM	1	1	20.63	20.74	20.68	21.5	0.0	
20	64QAM	1	1	20.73	20.73	20.66	21.5	0.0	
20	256QAM	1	1	19.64	19.80	19.58	20.5	1.0	
Channel				314500	316200	318050	Tune-up	MPR	
Frequency (MHz)				1857.5	1880	1902.5	limit		
15	QPSK	1	1	20.63	20.62	20.76	21.5	0.0	
Channel				317000	319000	321000	Tune-up	MPR	
Frequency (MHz)				1855	1880	1905	limit		
10	QPSK	1	1	20.66	20.70	20.55	21.5	0.0	
Channel				370500	376000	381500	Tune-up	MPR	
Frequency (MHz)				1852.5	1880	1907.5	limit		
5	QPSK	1	1	20.49	20.71	20.55	21.5	0.0	

FR1 n25 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1870	1892.5	1895			
Frequency (MHz)				20.71	20.75	20.78			
40	PI/2 BPSK	1	1	20.71	20.75	20.78			
40	PI/2 BPSK	1	108	20.78	20.72	20.64	21.5	0.0	
40	PI/2 BPSK	1	214	20.63	20.77	20.69			
40	PI/2 BPSK	108	0	20.69	20.70	20.71	21.5	0.0	
40	PI/2 BPSK	108	54	20.57	20.51	20.62	21.5	0.0	
40	PI/2 BPSK	108	108	20.65	20.70	20.64			
40	PI/2 BPSK	216	0	20.81	20.75	20.64	21.5	0.0	
40	QPSK	1	1	20.75	20.96	20.80			
40	QPSK	1	108	20.80	20.80	20.75	21.5	0.0	
40	QPSK	1	214	20.72	20.78	20.71			
40	QPSK	108	0	20.73	20.73	20.77	21.5	0.0	
40	QPSK	108	54	20.75	20.84	20.72	21.5	0.0	
40	QPSK	108	108	20.69	20.79	20.70	21.5	0.0	
40	QPSK	216	0	20.68	20.73	20.72			
40	16QAM	1	1	20.69	20.72	20.73	21.5	0.0	
40	64QAM	1	1	20.71	20.81	20.77	21.5	0.0	
40	256QAM	1	1	19.95	20.08	19.98	20.5	1.0	
Channel				316300	316500	316500	Tune-up	MPR	
Frequency (MHz)				1887.5	1882.5	1887.5	limit		
35	QPSK	1	1	20.61	20.55	20.64	21.5	0.0	
Channel				317300	316500	380000	Tune-up	MPR	
Frequency (MHz)				1885	1882.5	1900	limit		
30	QPSK	1	1	20.47	20.52	20.57	21.5	0.0	
Channel				372500	376500	380500	Tune-up	MPR	
Frequency (MHz)				1892.5	1882.5	1902.5	limit		
25	QPSK	1	1	20.68	20.64	20.55	21.5	0.0	
Channel				372000	376500	381000	Tune-up	MPR	
Frequency (MHz)				1890	1882.5	1895	limit		
20	QPSK	1	1	20.70	20.71	20.61	21.5	0.0	
Channel				371600	376500	381500	Tune-up	MPR	
Frequency (MHz)				1887.5	1882.5	1907.5	limit		
15	QPSK	1	1	20.74	20.83	20.76	21.5	0.0	
Channel				371000	376500	382000	Tune-up	MPR	
Frequency (MHz)				1855	1882.5	1910	limit		
10	QPSK	1	1	20.75	20.76	20.77	21.5	0.0	
Channel				370500	376500	382500	Tune-up	MPR	
Frequency (MHz)				1882.5	1882.5	1912.5	limit		
5	QPSK	1	1	20.66	20.70	20.73	21.5	0.0	

FR1 n66 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1730	1745	1760			
Frequency (MHz)				20.08	20.11	20.04			
40	PI/2 BPSK	1	1	20.08	20.11	20.04			
40	PI/2 BPSK	1	108	20.18	19.91	19.88	21.0	0.0	
40	PI/2 BPSK	1	214	19.80	20.13	19.85			
40	PI/2 BPSK	108	0	19.83	20.19	19.83	21.0	0.0	
40	PI/2 BPSK	108	54	20.00	19.98	19.87	21.0	0.0	
40	PI/2 BPSK	108	108	19.78	20.11	19.77			
40	PI/2 BPSK	216	0	20.13	20.03	20.01	21.0	0.0	
40	QPSK	1	1	20.25	20.29	20.18			
40	QPSK	1	108	20.13	20.11	20.14	21.0	0.0	
40	QPSK	1	214	19.93	20.09	19.87			
40	QPSK	108	0	19.88	20.20	19.84	21.0	0.0	
40	QPSK	108	54	19.95	20.22	19.94	21.0	0.0	
40	QPSK	108	108	19.93	20.09	19.90			
40	QPSK	216	0	19.97	20.21	20.15	21.0	0.0	
40	16QAM	1	1	20.05	20.25	19.99	21.0	0.0	
40	64QAM	1	1	20.07	20.23	19.99	21.0	0.0	
40	256QAM	1	1	20.13	20.12	20.03	20.5	0.5	
Channel				343500	349000	355000	Tune-up	MPR	
Frequency (MHz)				1727.5	1745	1762.5	limit		
35	QPSK	1	1	20.03	20.05	19.94	21.0	0.0	
Channel				343000	349000	353000	Tune-up	MPR	
Frequency (MHz)				1725	1745	1765	limit		
30	QPSK	1	1	20.11	19.92	19.87	21.0	0.0	
Channel				344500	349000	353500	Tune-up	MPR	
Frequency (MHz)				1722.5	1745	1762.5	limit		
25	QPSK	1	1	19.72	20.04	19.71	21.0	0.0	
Channel				344000	349000	354000	Tune-up	MPR	
Frequency (MHz)				1720	1745	1770	limit		
20	QPSK	1	1	19.82	20.10	19.78	21.0	0.0	
Channel				343500	349000	354500	Tune-up	MPR	
Frequency (MHz)				1717.5	1745	1772.5	limit		
15	QPSK	1	1	19.91	19.92	19.90	21.0	0.0	
Channel				343000	349000	355000	Tune-up	MPR	
Frequency (MHz)				1715	1745	1775	limit		
10	QPSK	1	1	19.65	20.01	19.61	21.0	0.0	
Channel				342500	349000	355500	Tune-up	MPR	
Frequency (MHz)				1712.5	1745	1777.5	limit		
5	QPSK	1	1	20.06	20.09	20.00	21.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518000	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 520000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI/2 BPSK	1	1	22.91	22.94	22.85		
40	PI/2 BPSK	1	53	22.70	22.83	22.75	24.0	0.0
40	PI/2 BPSK	1	104	22.70	22.84	22.82		
40	PI/2 BPSK	50	0	22.21	22.42	22.21	23.5	0.5
40	PI/2 BPSK	50	28	22.68	22.89	22.51	24.0	0.0
40	PI/2 BPSK	50	56	22.23	22.32	22.36		
40	PI/2 BPSK	100	0	22.39	22.41	22.31	23.5	0.5
40	QPSK	1	1	22.86	22.95	22.91		
40	QPSK	1	53	22.83	22.88	22.74	24.0	0.0
40	QPSK	1	104	22.86	22.78	22.89		
40	QPSK	50	0	21.67	21.87	21.66	23.0	1.0
40	QPSK	50	28	22.71	22.85	22.79	24.0	0.0
40	QPSK	50	56	21.58	21.90	21.66		
40	QPSK	100	0	21.75	21.62	21.60	23.0	1.0
40	16QAM	1	1	22.19	22.02	22.06	23.0	1.0
40	64QAM	1	1	20.81	20.77	20.62	21.5	2.5
40	256QAM	1	1	18.45	18.54	18.44	19.5	4.5
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.83	22.83	22.76	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.64	22.93	22.70	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.75	22.86	22.73	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.82	22.80	22.83	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low		Power Middle		Power High		Tune-up limit (dBm)	MPR (dB)
				Ch. / Freq.	509202	Ch. / Freq.	518598	Ch. / Freq.	528000		
Channel											
Frequency (MHz)											
100	PI/2 BPSK	1	1	22.26	22.40	22.35					
100	PI/2 BPSK	1	137	22.46	22.38	22.42	24.0	0.0			
100	PI/2 BPSK	1	271	22.44	22.45	22.37					
100	PI/2 BPSK	135	0	22.32	22.46	22.30	24.0	0.0			
100	PI/2 BPSK	135	69	22.17	22.01	22.16	24.0	0.0			
100	PI/2 BPSK	135	138	22.14	22.25	22.06					
100	PI/2 BPSK	270	0	22.20	22.31	22.15	24.0	0.0			
100	QPSK	1	1	22.20	22.53	22.38					
100	QPSK	1	137	22.05	22.25	22.41	24.0	0.0			
100	QPSK	1	271	22.28	22.39	22.26					
100	QPSK	135	0	22.25	22.21	22.15	24.0	0.0			
100	QPSK	135	69	22.19	22.23	22.17	24.0	0.0			
100	QPSK	135	138	22.23	22.27	22.22	24.0	0.0			
100	QPSK	270	0	22.25	22.44	22.22					
100	16QAM	1	1	22.36	22.35	22.18	24.0	0.0			
100	64QAM	1	1	22.22	22.42	22.32	24.0	0.0			
100	256QAM	1	1	20.81	20.92	20.74	22.5	1.5			
Channel											
Frequency (MHz)											
90	QPSK	1	1	22.18	22.38	22.21	24.0	0.0			
Channel											
Frequency (MHz)											
80	QPSK	1	1	22.11	22.39	22.34	24.0	0.0			
Channel											
Frequency (MHz)											
70	QPSK	1	1	22.01	22.46	22.26	24.0	0.0			
Channel											
Frequency (MHz)											
60	QPSK	1	1	22.19	22.39	22.30	24.0	0.0			
Channel											
Frequency (MHz)											
50	QPSK	1	1	22.08	22.38	22.17	24.0	0.0			
Channel											
Frequency (MHz)											
40	QPSK	1	1	22.02	22.47	22.27	24.0	0.0			
Channel											
Frequency (MHz)											
30	QPSK	1	1	22.05	22.47	22.30	24.0	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	22.09	22.36	22.15	24.0	0.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	22.05	22.44	22.36	24.0	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	22.21	22.47	22.16	24.0	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 506202	Power Middle Ch. / Freq. 518598	Power High Ch. / Freq. 528000	Tune-up time (dbm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI/2 BPSK	1	1	23.09	23.28	23.22		
100	PI/2 BPSK	1	137	23.12	23.27	23.25	25.0	0.0
100	PI/2 BPSK	1	271	23.07	23.31	23.25		
100	PI/2 BPSK	135	0	23.22	23.27	23.14	25.0	0.0
100	PI/2 BPSK	135	69	23.08	23.31	23.21	25.0	0.0
100	PI/2 BPSK	135	138	23.20	23.36	23.32		
100	PI/2 BPSK	270	0	23.12	23.11	23.20	25.0	0.0
100	QPSK	1	1	23.38	23.60	23.29		
100	QPSK	1	137	23.16	23.31	23.29	25.0	0.0
100	QPSK	1	271	23.11	23.30	23.27		
100	QPSK	135	0	23.09	23.07	23.08	25.0	0.0
100	QPSK	135	69	23.37	23.50	23.32	25.0	0.0
100	QPSK	135	138	23.05	23.13	23.15		
100	QPSK	270	0	23.38	23.41	23.34	25.0	0.0
100	16QAM	1	1	23.01	23.00	23.05	25.0	0.0
100	64QAM	1	1	22.95	23.14	23.03	24.5	0.5
100	256QAM	1	1	20.99	21.06	21.06	22.5	2.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.05	23.27	23.25	25.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.08	23.26	23.15	25.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	23.09	23.19	23.14	25.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.07	23.22	23.24	25.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.11	23.23	23.19	25.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.06	23.26	23.19	25.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.10	23.28	23.23	25.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.08	23.29	23.19	25.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	23.06	23.25	23.14	25.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	23.13	23.29	23.18	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2500	2505	2600			
Frequency (MHz)									
40	PI/2 BPSK	1	1	21.65	21.80	21.75			
40	PI/2 BPSK	1	53	21.94	21.94	21.89	23.0	0.0	
40	PI/2 BPSK	1	104	22.03	22.09	21.90			
40	PI/2 BPSK	50	0	21.21	21.36	21.34	22.5	0.5	
40	PI/2 BPSK	50	28	21.62	21.79	21.81	23.0	0.0	
40	PI/2 BPSK	50	56	21.49	21.58	21.54			
40	PI/2 BPSK	100	0	21.37	21.51	21.32	22.5	0.5	
40	QPSK	1	1	22.11	22.16	22.12			
40	QPSK	1	53	21.94	22.10	21.98	23.0	0.0	
40	QPSK	1	104	21.66	21.89	21.84			
40	QPSK	50	0	20.94	20.93	20.81	22.0	1.0	
40	QPSK	50	28	21.73	21.80	21.74	23.0	0.0	
40	QPSK	50	56	21.02	21.14	21.01			
40	QPSK	100	0	20.77	20.89	20.79	22.0	1.0	
40	16QAM	1	1	20.82	20.87	20.70	22.0	1.0	
40	64QAM	1	1	19.22	19.23	19.12	20.5	2.5	
40	256QAM	1	1	17.33	17.37	17.32	18.5	4.5	
Channel				511000	511000	521000	Tune-up	MPR	
Frequency (MHz)				2585	2595	2605	limit	(dB)	
30	QPSK	1	1	22.01	22.09	21.91	23.0	0.0	
Channel				511000	511000	522000	Tune-up	MPR	
Frequency (MHz)				2590	2595	2610	limit	(dB)	
20	QPSK	1	1	22.11	22.12	22.02	23.0	0.0	
Channel				515500	519000	525500	Tune-up	MPR	
Frequency (MHz)				2571.5	2595	2612.5	limit	(dB)	
15	QPSK	1	1	22.08	22.13	22.13	23.0	0.0	
Channel				515500	519000	523000	Tune-up	MPR	
Frequency (MHz)				2575	2595	2615	limit	(dB)	
10	QPSK	1	1	22.06	22.10	22.10	23.0	0.0	

FR1 n41 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				250202	518598	528000			
Frequency (MHz)				2544.01	2592.99	2640			
100	PI/2 BPSK	1	1	21.37	21.48	21.49			
100	PI/2 BPSK	1	137	21.34	21.38	21.29	23.0	0.0	
100	PI/2 BPSK	1	271	21.33	21.45	21.26			
100	PI/2 BPSK	135	0	21.28	21.37	21.16	23.0	0.0	
100	PI/2 BPSK	135	69	21.17	21.33	21.15	23.0	0.0	
100	PI/2 BPSK	135	138	21.19	21.34	21.31			
100	PI/2 BPSK	270	0	21.26	21.33	21.15	23.0	0.0	
100	QPSK	1	1	21.45	21.56	21.52			
100	QPSK	1	137	21.34	21.42	21.34	23.0	0.0	
100	QPSK	1	271	21.24	21.44	21.44			
100	QPSK	135	0	21.15	21.31	21.24	23.0	0.0	
100	QPSK	135	69	21.42	21.45	21.45	23.0	0.0	
100	QPSK	135	138	21.38	21.37	21.16	23.0	0.0	
100	QPSK	270	0	21.13	21.29	21.08			
100	16QAM	1	1	21.21	21.38	21.24	23.0	0.0	
100	64QAM	1	1	21.44	21.51	21.50	23.0	0.0	
100	256QAM	1	1	19.96	19.94	19.90	21.5	1.5	
Channel				530200	518598	529998	Tune-up	MPR	
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)	
90	QPSK	1	1	21.34	21.39	21.31	23.0	0.0	
Channel				507204	518598	529998	Tune-up	MPR	
Frequency (MHz)				2636.02	2592.99	2649.99	limit	(dB)	
80	QPSK	1	1	21.23	21.47	21.44	23.0	0.0	
Channel				506202	518598	531000	Tune-up	MPR	
Frequency (MHz)				2631.01	2592.99	2655	limit	(dB)	
70	QPSK	1	1	21.31	21.50	21.39	23.0	0.0	
Channel				505200	518598	531996	Tune-up	MPR	
Frequency (MHz)				2598	2592.99	2659.98	limit	(dB)	
60	QPSK	1	1	21.28	21.35	21.34	23.0	0.0	
Channel				504204	518598	532998	Tune-up	MPR	
Frequency (MHz)				2521.02	2592.99	2654.99	limit	(dB)	
50	QPSK	1	1	21.12	21.43	21.33	23.0	0.0	
Channel				503202	518598	534000	Tune-up	MPR	
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)	
40	QPSK	1	1	21.24	21.48	21.43	23.0	0.0	
Channel				502200	518598	534996	Tune-up	MPR	
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)	
30	QPSK	1	1	21.38	21.44	21.32	23.0	0.0	
Channel				2508.02	2592.99	2679.99	limit	(dB)	
20	QPSK	1	1	21.35	21.48	21.31	23.0	0.0	
Channel				500700	518598	535996	Tune-up	MPR	
Frequency (MHz)				2503.5	2592.99	2692.48	limit	(dB)	
15	QPSK	1	1	21.24	21.43	21.37	23.0	0.0	
Channel				500202	518598	537000	Tune-up	MPR	
Frequency (MHz)				2501.01	2592.99	2695	limit	(dB)	
10	QPSK	1	1	21.28	21.38	21.35	23.0	0.0	

FR1 n41_HPUE Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2546.01	2592.99	2640			
Frequency (MHz)									
100	PI/2 BPSK	1	1	24.45	24.59	24.21			
100	PI/2 BPSK	1	137	24.37	24.61	24.34	26.0	0.0	
100	PI/2 BPSK	1	271	24.48	24.63	24.14			
100	PI/2 BPSK	135	0	24.12	24.31	23.84	25.5	0.5	
100	PI/2 BPSK	135	69	24.50	24.58	24.27	26.0	0.0	
100	PI/2 BPSK	135	138	24.00	24.23	23.78			
100	PI/2 BPSK	270	0	23.95	24.21	23.73	25.5	0.5	
100	QPSK	1	1	24.53	24.71	24.33			
100	QPSK	1	137	24.32	24.59	24.35	26.0	0.0	
100	QPSK	1	271	24.32	24.53	24.20			
100	QPSK	135	0	23.48	23.63	23.32	25.0	1.0	
100	QPSK	135	69	24.43	24.61	24.34	26.0	0.0	
100	QPSK	135	138	23.58	23.72	23.31	25.0	1.0	
100	QPSK	270	0	23.54	23.71	23.36	25.0	1.0	
100	16QAM	1	1	23.61	23.66	23.40	25.0	1.0	
100	64QAM	1	1	22.04	22.24	21.72	23.5	2.5	
100	256QAM	1	1	19.96	20.22	19.94	21.5	4.5	
Channel				530200	518598	529998	Tune-up	MPR	
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)	
90	QPSK	1	1	24.51	24.62	24.29	26.0	0.0	
Channel				507204	518598	529998	Tune-up	MPR	
Frequency (MHz)				2636.02	2592.99	2649.99	limit	(dB)	
80	QPSK	1	1	24.44	24.66	24.25	26.0	0.0	
Channel				506202	518598	531000	Tune-up	MPR	
Frequency (MHz)				2631.01	2592.99	2655	limit	(dB)	
70	QPSK	1	1	24.38	24.61	24.28	26.0	0.0	
Channel				505200	518598	531996	Tune-up	MPR	
Frequency (MHz)				2598	2592.99	2659.98	limit	(dB)	
60	QPSK	1	1	24.38	24.59	24.12	26.0	0.0	
Channel				504204	518598	532998	Tune-up	MPR	
Frequency (MHz)				2521.02	2592.99	2654.99	limit	(dB)	
50	QPSK	1	1	24.45	24.40	24.33	26.0	0.0	
Channel				503202	518598	534000	Tune-up	MPR	
Frequency (MHz)				2518.01	2592.99	2670	limit	(dB)	
40	QPSK	1	1	24.43	24.61	24.15	26.0	0.0	
Channel				502200	518598	534996	Tune-up	MPR	
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)	
30	QPSK	1	1	24.49	24.59	24.18	26.0	0.0	
Channel				501200	518598	535998	Tune-up	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	limit	(dB)	
20	QPSK	1	1	24.08	24.66	24.14	26.0	0.0	
Channel				500200	518598	536996	Tune-up	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)	
15	QPSK	1	1	24.33	24.70	24.22	26.0	0.0	
Channel				500202	518598	537000	Tune-up	MPR	
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)	
10	QPSK	1	1	24.37	24.58	24.18	26.0	0.0	

FR1 n38 Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518000	518000	520000			
Frequency (MHz)				2590	2595	2600			
40	Plv2 BPSK	1	1	22.85	22.97	22.83			
40	Plv2 BPSK	1	53	22.79	23.00	22.91	24.0	0.0	
40	Plv2 BPSK	1	104	22.97	23.06	22.91			
40	Plv2 BPSK	50	0	22.30	22.44	22.42	23.5	0.5	
40	Plv2 BPSK	50	23	22.91	22.98	22.92	24.0	0.0	
40	Plv2 BPSK	50	56	22.46	22.50	22.48	23.5	0.5	
40	Plv2 BPSK	100	0	22.34	22.41	22.29			
40	QPSK	1	1	23.06	23.03	23.01			
40	QPSK	1	53	23.06	23.06	23.06	24.0	0.0	
40	QPSK	1	104	22.99	22.99	22.98			
40	QPSK	50	0	21.82	21.98	21.79	23.0	1.0	
40	QPSK	50	23	22.78	23.00	22.93	24.0	0.0	
40	QPSK	50	56	21.88	21.97	21.84	23.0	1.0	
40	QPSK	100	0	21.87	21.94	21.87			
40	16QAM	1	1	22.04	22.18	22.17	23.0	1.0	
40	16QAM	1	1	20.63	20.72	20.73	21.5	2.5	
40	256QAM	1	1	18.62	18.62	18.54	19.5	4.5	
Channel				517000	518000	521000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2585	2595	2605			
30	QPSK	1	1	22.99	22.95	22.91	24.0	0.0	
Channel				516000	518000	520000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	22.96	22.88	22.88	24.0	0.0	
Channel				515500	518000	520500	Tune-up limit (dB)	MPR	
Frequency (MHz)				2677.5	2695	2612.5			
15	QPSK	1	1	22.85	22.95	22.91	24.0	0.0	
Channel				515000	518000	520000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	1	23.04	22.99	22.80	24.0	0.0	

FR1 n41 Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509000	518596	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	Plv2 BPSK	1	1	22.61	22.50	22.56			
100	Plv2 BPSK	1	137	22.54	22.83	22.52	24.0	0.0	
100	Plv2 BPSK	1	271	22.49	22.80	22.72			
100	Plv2 BPSK	135	0	22.49	22.41	22.40	24.0	0.0	
100	Plv2 BPSK	135	89	22.44	22.55	22.45	24.0	0.0	
100	Plv2 BPSK	135	138	22.51	22.80	22.58	24.0	0.0	
100	Plv2 BPSK	270	0	22.60	22.55	22.49			
100	QPSK	1	1	22.75	22.86	22.83			
100	QPSK	1	137	22.82	22.80	22.78	24.0	0.0	
100	QPSK	1	271	22.74	22.68	22.79			
100	QPSK	135	0	22.48	22.48	22.37	24.0	0.0	
100	QPSK	135	89	22.72	22.85	22.81	24.0	0.0	
100	QPSK	135	138	22.50	22.56	22.67	24.0	0.0	
100	QPSK	270	0	22.63	22.81	22.55			
100	16QAM	1	1	22.78	22.86	22.82	24.0	0.0	
100	16QAM	1	1	22.70	22.70	22.75	24.0	0.0	
100	256QAM	1	1	21.17	21.35	21.28	22.5	1.5	
Channel				508000	518596	528996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	22.59	22.77	22.67	24.0	0.0	
Channel				507000	518596	529996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2536.01	2592.99	2648.99			
80	QPSK	1	1	22.70	22.67	22.65	24.0	0.0	
Channel				506000	518596	531000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2531.01	2592.99	2649			
70	QPSK	1	1	22.66	22.70	22.74	24.0	0.0	
Channel				505000	518596	531996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	22.60	22.82	22.70	24.0	0.0	
Channel				504000	518596	532996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2521.02	2592.99	2664.98			
50	QPSK	1	1	22.67	22.70	22.66	24.0	0.0	
Channel				503000	518596	534000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	22.69	22.81	22.65	24.0	0.0	
Channel				502000	518596	534996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2511.02	2592.99	2674.98			
30	QPSK	1	1	22.65	22.72	22.64	24.0	0.0	
Channel				501000	518596	535996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2506.02	2592.99	2679.98			
20	QPSK	1	1	22.69	22.79	22.68	24.0	0.0	
Channel				500000	518596	536996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2500.05	2592.99	2682.48			
15	QPSK	1	1	22.57	22.70	22.68	24.0	0.0	
Channel				500000	518596	537000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2500.01	2592.99	2685			
10	QPSK	1	1	22.64	22.77	22.73	24.0	0.0	

FR1 n41_HPUE Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq. 505202	Power Middle Ch./Freq. 518598	Power High Ch./Freq. 532000	MPR (dB)
Channel							
Frequency (MHz)							
100	PI2 BPSK	1	1	23.81	23.99	23.82	
100	PI2 BPSK	1	137	23.97	23.93	24.05	25.0
100	PI2 BPSK	1	271	23.84	23.98	23.94	
100	PI2 BPSK	135	0	23.97	23.81	23.81	25.0
100	PI2 BPSK	135	69	24.06	23.83	24.02	25.0
100	PI2 BPSK	135	138	23.81	23.94	23.99	25.0
100	PI2 BPSK	270	0	23.84	24.01	23.81	
100	QPSK	1	1	24.00	24.07	24.03	
100	QPSK	1	137	23.99	23.94	23.93	25.0
100	QPSK	1	271	23.84	24.04	23.83	
100	QPSK	135	0	23.91	23.83	23.98	24.0
100	QPSK	135	69	23.84	24.05	24.01	25.0
100	QPSK	135	138	23.84	24.04	23.82	24.0
100	QPSK	270	0	23.89	23.95	23.91	
100	16QAM	1	1	23.84	23.97	23.84	25.0
100	16QAM	1	1	22.07	23.19	23.14	24.0
100	256QAM	1	1	21.06	21.15	20.93	22.0
Channel							
Frequency (MHz)							
90	QPSK	1	1	23.95	23.88	23.98	25.0
Channel							
Frequency (MHz)							
80	QPSK	1	1	23.90	23.97	23.86	25.0
Channel							
Frequency (MHz)							
70	QPSK	1	1	23.81	24.01	23.88	25.0
Channel							
Frequency (MHz)							
60	QPSK	1	1	23.95	23.98	23.91	25.0
Channel							
Frequency (MHz)							
50	QPSK	1	1	23.81	23.91	23.90	25.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	23.80	23.93	23.84	25.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	23.84	23.98	23.91	25.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	23.90	24.00	23.97	25.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	23.84	23.88	23.85	25.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	23.84	23.99	23.94	25.0

FR1 n48 Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq. 636000	Power Middle Ch./Freq. 641666	Power High Ch./Freq. 645332	MPR (dB)
Channel							
Frequency (MHz)							
40	PI2 BPSK	1	1	18.74	18.75	18.75	
40	PI2 BPSK	1	53	18.74	18.74	18.77	20.0
40	PI2 BPSK	1	104	18.75	18.76	18.75	
40	PI2 BPSK	50	0	18.79	18.77	18.82	20.0
40	PI2 BPSK	50	28	18.79	18.84	18.91	20.0
40	PI2 BPSK	50	56	18.73	18.70	18.71	20.0
40	PI2 BPSK	100	0	18.74	18.77	18.79	
40	QPSK	1	1	18.71	18.87	18.85	
40	QPSK	1	53	18.72	18.84	18.70	20.0
40	QPSK	1	104	18.76	18.77	18.78	
40	QPSK	50	0	18.79	18.81	18.81	
40	QPSK	50	28	18.77	18.83	18.75	20.0
40	QPSK	50	56	18.76	18.80	18.82	
40	QPSK	100	0	18.70	18.80	18.78	20.0
40	16QAM	1	1	18.78	18.83	18.82	20.0
40	16QAM	1	1	18.82	18.71	18.74	20.0
40	256QAM	1	1	18.83	18.70	18.70	20.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	18.59	18.75	18.75	20.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	18.52	18.75	18.79	20.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	18.58	18.76	18.80	20.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	18.56	18.70	18.78	20.0

FR1 n77 Part 27O Ant 2 PC2&PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				650000	650000	650000	
Frequency (MHz)				3760	3840	3920	
100	PI2 BPSK	1	1	17.38	17.24	17.42	
100	PI2 BPSK	1	137	17.14	17.05	17.29	18.0
100	PI2 BPSK	1	271	17.24	17.35	17.45	
100	PI2 BPSK	135	0	17.45	17.20	17.44	18.0
100	PI2 BPSK	135	69	17.17	17.04	17.30	18.0
100	PI2 BPSK	135	138	17.24	17.32	17.38	18.0
100	PI2 BPSK	270	0	17.47	17.28	17.42	
100	QPSK	1	1	17.15	17.07	17.35	
100	QPSK	1	137	17.28	17.39	17.38	18.0
100	QPSK	1	271	17.46	17.28	17.49	
100	QPSK	135	0	17.08	17.12	17.25	18.0
100	QPSK	135	69	17.18	17.55	17.48	18.0
100	QPSK	135	138	17.48	17.22	17.51	18.0
100	QPSK	270	0	17.14	17.48	17.32	
100	16QAM	1	1	17.47	17.28	17.45	18.0
100	64QAM	1	1	17.08	17.07	17.31	18.0
100	256QAM	1	1	17.18	17.11	17.32	18.0
Channel				649688	650000	652332	Tune-up
Frequency (MHz)				3745.02	3840	3934.98	MPR
90	QPSK	1	1	17.40	17.17	17.41	18.0
Channel				649334	650000	652686	Tune-up
Frequency (MHz)				3740.01	3840	3939.99	MPR
80	QPSK	1	1	17.12	17.05	17.30	18.0
Channel				649000	650000	653000	Tune-up
Frequency (MHz)				3736	3840	3945	MPR
70	QPSK	1	1	17.19	17.37	17.37	18.0
Channel				648688	650000	653332	Tune-up
Frequency (MHz)				3730.02	3840	3949.98	MPR
60	QPSK	1	1	17.32	17.23	17.44	18.0
Channel				648334	650000	653686	Tune-up
Frequency (MHz)				3725.01	3840	3954.99	MPR
50	QPSK	1	1	17.13	17.01	17.19	18.0
Channel				648000	650000	654000	Tune-up
Frequency (MHz)				3720	3840	3960	MPR
40	QPSK	1	1	17.22	17.33	17.37	18.0
Channel				647688	650000	654332	Tune-up
Frequency (MHz)				3715.02	3840.00	3954.98	MPR
30	QPSK	1	1	17.35	17.12	17.49	18.0
Channel				647334	650000	654686	Tune-up
Frequency (MHz)				3710.01	3840	3959.99	MPR
20	QPSK	1	1	17.10	16.97	17.24	18.0
Channel				647000	650000	655000	Tune-up
Frequency (MHz)				3707.52	3840	3972.48	MPR
15	QPSK	1	1	17.33	17.21	17.45	18.0
Channel				646600	650000	655900	Tune-up
Frequency (MHz)				3705	3840	3975	MPR
10	QPSK	1	1	17.38	17.21	17.40	18.0

FR1 n77 Part 27Q Ant 2 PC2&PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				633000	633332	633686	
Frequency (MHz)				3495.98	3499.98	3503.98	
100	PI2 BPSK	1	1	17.18	17.07	17.15	18.0
100	PI2 BPSK	1	137	17.07	17.15	17.15	18.0
100	PI2 BPSK	1	271	17.41	17.41	17.41	18.0
100	PI2 BPSK	135	0	17.21	17.21	17.21	18.0
100	PI2 BPSK	135	69	17.08	17.08	17.08	18.0
100	PI2 BPSK	135	138	17.32	17.32	17.32	18.0
100	PI2 BPSK	270	0	17.21	17.21	17.21	18.0
100	QPSK	1	1	17.51	17.51	17.51	18.0
100	QPSK	1	137	17.39	17.39	17.39	18.0
100	QPSK	1	271	17.22	17.22	17.22	18.0
100	QPSK	135	0	17.03	17.03	17.03	18.0
100	QPSK	135	69	17.43	17.43	17.43	18.0
100	QPSK	135	138	17.16	17.16	17.16	18.0
100	QPSK	270	0	17.33	17.33	17.33	18.0
100	16QAM	1	1	17.18	17.18	17.18	18.0
100	64QAM	1	1	17.14	17.14	17.14	18.0
100	256QAM	1	1	17.08	17.08	17.08	18.0
Channel				633000	633332	633686	Tune-up
Frequency (MHz)				3495	3499.98	3503.99	MPR
90	QPSK	1	1	17.39	17.22	17.15	18.0
Channel				632688	633332	634000	Tune-up
Frequency (MHz)				3490.02	3499.98	3500	MPR
80	QPSK	1	1	17.22	17.14	17.06	18.0
Channel				632334	633332	634332	Tune-up
Frequency (MHz)				3485.01	3499.98	3514.98	MPR
70	QPSK	1	1	17.40	17.06	17.05	18.0
Channel				632000	633332	634686	Tune-up
Frequency (MHz)				3480	3499.98	3519.99	MPR
60	QPSK	1	1	17.34	17.19	17.14	18.0
Channel				631688	633332	635000	Tune-up
Frequency (MHz)				3475.02	3499.98	3505	MPR
50	QPSK	1	1	17.22	17.22	17.12	18.0
Channel				631334	633332	635332	Tune-up
Frequency (MHz)				3470.01	3499.98	3529.98	MPR
40	QPSK	1	1	17.35	17.07	17.00	18.0
Channel				631000	633332	635686	Tune-up
Frequency (MHz)				3465	3499.98	3534.99	MPR
30	QPSK	1	1	17.37	17.26	17.24	18.0
Channel				630688	633332	636000	Tune-up
Frequency (MHz)				3460.02	3499.98	3540	MPR
20	QPSK	1	1	17.42	17.06	17.03	18.0
Channel				630300	633332	636366	Tune-up
Frequency (MHz)				3457.5	3499.98	3542.49	MPR
15	QPSK	1	1	17.27	17.21	17.07	18.0
Channel				630000	633332	636686	Tune-up
Frequency (MHz)				3455.01	3499.98	3544.99	MPR
10	QPSK	1	1	17.45	17.00	17.08	18.0

FR1 n78_Part 27O Ant 2 PC2&PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				650000			
Frequency (MHz)				3750			
100	PI2 BPSK	1	1	17.46			
100	PI2 BPSK	1	137	17.39			
100	PI2 BPSK	1	271	17.39			
100	PI2 BPSK	135	0	17.46			18.0
100	PI2 BPSK	135	69	17.39			18.0
100	PI2 BPSK	135	138	17.42			18.0
100	PI2 BPSK	270	0	17.46			18.0
100	QPSK	1	1	17.52			18.0
100	QPSK	1	137	17.32			18.0
100	QPSK	1	271	17.49			18.0
100	QPSK	135	0	17.45			18.0
100	QPSK	135	69	17.49			18.0
100	QPSK	135	138	17.41			18.0
100	QPSK	270	0	17.47			18.0
100	16QAM	1	1	17.41			18.0
100	64QAM	1	1	17.49			18.0
100	256QAM	1	1	17.33			18.0
Channel				649668	650000	650332	Tune-up
Frequency (MHz)				3745.02	3750	3754.98	limit (dB)
90	QPSK	1	1	17.37	17.24	17.11	18.0
Channel				649334	650000	650666	Tune-up
Frequency (MHz)				3740.01	3750	3760.99	limit (dB)
80	QPSK	1	1	17.36	17.25	17.11	18.0
Channel				649000	650000	651000	Tune-up
Frequency (MHz)				3736	3750	3764	limit (dB)
70	QPSK	1	1	17.25	17.31	17.14	18.0
Channel				648668	650000	651332	Tune-up
Frequency (MHz)				3730.02	3750	3769.98	limit (dB)
60	QPSK	1	1	17.30	17.28	17.04	18.0
Channel				648334	650000	651666	Tune-up
Frequency (MHz)				3725.01	3750	3774.99	limit (dB)
50	QPSK	1	1	17.35	17.31	17.07	18.0
Channel				648000	650000	652000	Tune-up
Frequency (MHz)				3720	3750	3780	limit (dB)
40	QPSK	1	1	17.30	17.35	17.08	18.0
Channel				647668	650000	652332	Tune-up
Frequency (MHz)				3715.02	3750.00	3764.98	limit (dB)
30	QPSK	1	1	17.35	17.25	17.05	18.0
Channel				647334	650000	652666	Tune-up
Frequency (MHz)				3710.01	3750	3769.99	limit (dB)
20	QPSK	1	1	17.36	17.28	17.10	18.0
Channel				647000	650000	653000	Tune-up
Frequency (MHz)				3707.52	3750	3762.48	limit (dB)
15	QPSK	1	1	17.33	17.36	17.07	18.0
Channel				646668	650000	653332	Tune-up
Frequency (MHz)				3705	3750	3795	limit (dB)
10	QPSK	1	1	17.38	17.21	17.10	18.0

FR1 n78_Part 27Q Ant 2 PC2&PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				633000			
Frequency (MHz)				3499.98			
100	PI2 BPSK	1	1	17.30			
100	PI2 BPSK	1	137	17.38			
100	PI2 BPSK	1	271	17.34			
100	PI2 BPSK	135	0	17.38			18.0
100	PI2 BPSK	135	69	17.34			18.0
100	PI2 BPSK	135	138	17.25			18.0
100	PI2 BPSK	270	0	17.45			18.0
100	QPSK	1	1	17.45			18.0
100	QPSK	1	137	17.27			18.0
100	QPSK	1	271	17.37			18.0
100	QPSK	135	0	17.32			18.0
100	QPSK	135	69	17.38			18.0
100	QPSK	135	138	17.34			18.0
100	QPSK	270	0	17.37			18.0
100	16QAM	1	1	17.32			18.0
100	64QAM	1	1	17.36			18.0
100	256QAM	1	1	17.31			18.0
Channel				633000	633332	633666	Tune-up
Frequency (MHz)				3495	3499.98	3504.99	limit (dB)
90	QPSK	1	1	17.34	17.18	16.97	18.0
Channel				632668	633332	634000	Tune-up
Frequency (MHz)				3490.02	3499.98	3510	limit (dB)
80	QPSK	1	1	17.28	17.29	16.97	18.0
Channel				632334	633332	634332	Tune-up
Frequency (MHz)				3485.01	3499.98	3514.98	limit (dB)
70	QPSK	1	1	17.28	17.18	16.96	18.0
Channel				632000	633332	634666	Tune-up
Frequency (MHz)				3480	3499.98	3519.99	limit (dB)
60	QPSK	1	1	17.25	17.26	17.00	18.0
Channel				631668	633332	635000	Tune-up
Frequency (MHz)				3475.02	3499.98	3525	limit (dB)
50	QPSK	1	1	17.30	17.28	16.98	18.0
Channel				631334	633332	635332	Tune-up
Frequency (MHz)				3470.01	3499.98	3529.98	limit (dB)
40	QPSK	1	1	17.28	17.16	17.06	18.0
Channel				631000	633332	635666	Tune-up
Frequency (MHz)				3465	3499.98	3534.99	limit (dB)
30	QPSK	1	1	17.30	17.18	17.06	18.0
Channel				630668	633332	636000	Tune-up
Frequency (MHz)				3460.02	3499.98	3540	limit (dB)
20	QPSK	1	1	17.27	17.33	16.99	18.0
Channel				630300	633332	636366	Tune-up
Frequency (MHz)				3457.5	3499.98	3547.49	limit (dB)
15	QPSK	1	1	17.30	17.15	16.99	18.0
Channel				630000	633332	636666	Tune-up
Frequency (MHz)				3455.01	3499.98	3549.98	limit (dB)
10	QPSK	1	1	17.35	17.19	17.04	18.0

FR1 n38 Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518000	518000	520000			
Frequency (MHz)				2590	2595	2600			
40	PIQ2 BPSK	1	1	21.55	21.82	21.56			
40	PIQ2 BPSK	1	53	21.47	21.72	21.51	23.0	0.0	
40	PIQ2 BPSK	1	104	21.40	21.66	21.49			
40	PIQ2 BPSK	50	0	21.02	21.29	21.04	22.5	0.5	
40	PIQ2 BPSK	50	23	21.45	21.73	21.48	23.0	0.0	
40	PIQ2 BPSK	50	56	20.85	21.12	20.86	22.5	0.5	
40	PIQ2 BPSK	100	0	21.04	21.26	21.01			
40	QPSK	1	1	21.88	21.83	21.82			
40	QPSK	1	53	21.49	21.78	21.53	23.0	0.0	
40	QPSK	1	104	21.63	21.85	21.60			
40	QPSK	50	0	20.54	20.80	20.52	22.0	1.0	
40	QPSK	50	23	21.43	21.71	21.42	23.0	0.0	
40	QPSK	50	56	20.43	20.63	20.42	22.0	1.0	
40	QPSK	100	0	20.41	20.85	20.44			
40	16QAM	1	1	20.73	20.86	20.74	22.0	1.0	
40	16QAM	1	1	19.28	19.50	19.26	20.5	2.5	
40	256QAM	1	1	17.11	17.30	17.15	18.5	4.5	
Channel				517000	518000	521000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2585	2595	2605			
30	QPSK	1	1	21.76	21.80	21.75	23.0	0.0	
Channel				516000	518000	522000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	21.79	21.81	21.74	23.0	0.0	
Channel				515500	518000	522500	Tune-up limit (dB)	MPR	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	1	21.72	21.78	21.74	23.0	0.0	
Channel				515000	518000	523000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	1	21.75	21.86	21.71	23.0	0.0	

FR1 n41 Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	518596	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PIQ2 BPSK	1	1	21.37	21.81	21.38			
100	PIQ2 BPSK	1	137	21.44	21.69	21.43	23.0	0.0	
100	PIQ2 BPSK	1	271	21.37	21.58	21.31			
100	PIQ2 BPSK	135	0	21.32	21.53	21.28	23.0	0.0	
100	PIQ2 BPSK	135	69	21.29	21.57	21.36	23.0	0.0	
100	PIQ2 BPSK	135	138	21.38	21.55	21.27	23.0	0.0	
100	PIQ2 BPSK	270	0	21.38	21.60	21.33			
100	QPSK	1	1	21.58	21.75	21.62			
100	QPSK	1	137	21.52	21.72	21.52	23.0	0.0	
100	QPSK	1	271	21.57	21.74	21.46			
100	QPSK	135	0	21.28	21.54	21.29	23.0	0.0	
100	QPSK	135	69	21.54	21.59	21.58	23.0	0.0	
100	QPSK	135	138	21.26	21.54	21.24	23.0	0.0	
100	QPSK	270	0	21.37	21.55	21.33			
100	16QAM	1	1	21.39	21.67	21.39	23.0	0.0	
100	16QAM	1	1	21.54	21.74	21.51	23.0	0.0	
100	256QAM	1	1	19.84	20.17	19.90	21.5	1.5	
Channel				508000	518596	528996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	21.52	21.85	21.54	23.0	0.0	
Channel				507204	518596	529996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2534.01	2592.99	2649.99			
80	QPSK	1	1	21.40	21.89	21.49	23.0	0.0	
Channel				506202	518596	531000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	21.48	21.69	21.51	23.0	0.0	
Channel				505200	518596	531996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2529	2592.99	2660.98			
60	QPSK	1	1	21.41	21.57	21.56	23.0	0.0	
Channel				504204	518596	532996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2521.02	2592.99	2665.98			
50	QPSK	1	1	21.51	21.62	21.42	23.0	0.0	
Channel				503202	518596	534000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2519.01	2592.99	2670			
40	QPSK	1	1	21.42	21.57	21.49	23.0	0.0	
Channel				502200	518596	534996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	21.39	21.60	21.54	23.0	0.0	
Channel				501204	518596	535996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2506.04	2592.99	2679.98			
20	QPSK	1	1	21.52	21.66	21.56	23.0	0.0	
Channel				500200	518596	536996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2503.05	2592.99	2682.48			
15	QPSK	1	1	21.41	21.58	21.49	23.0	0.0	
Channel				500202	518596	537000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	21.44	21.55	21.56	23.0	0.0	

FR1 n41_HPUE Ant 3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)
Channel							
Frequency (MHz)							
100	PI2 BPSK	1	1	24.30	24.51	24.23	
100	PI2 BPSK	1	137	24.13	24.39	24.14	26.0
100	PI2 BPSK	1	271	24.21	24.45	24.26	
100	PI2 BPSK	135	0	23.88	24.09	23.83	25.5
100	PI2 BPSK	135	69	24.09	24.37	24.08	26.0
100	PI2 BPSK	135	138	23.89	24.11	23.88	25.5
100	PI2 BPSK	270	0	23.89	24.08	23.84	0.5
100	QPSK	1	1	24.37	24.58	24.46	
100	QPSK	1	137	24.28	24.53	24.27	26.0
100	QPSK	1	271	24.08	24.08	24.12	
100	QPSK	135	0	23.19	23.21	23.01	25.0
100	QPSK	135	69	24.25	24.47	24.18	26.0
100	QPSK	135	138	23.17	23.41	23.20	25.0
100	QPSK	270	0	22.53	23.38	22.52	25.0
100	16QAM	1	1	23.05	23.30	23.05	25.0
100	16QAM	1	1	21.68	21.88	21.62	23.5
100	256QAM	1	1	19.53	19.81	19.58	21.5
Channel							
Frequency (MHz)							
90	QPSK	1	1	24.25	24.50	24.35	26.0
Channel							
Frequency (MHz)							
80	QPSK	1	1	24.25	24.50	24.35	26.0
Channel							
Frequency (MHz)							
70	QPSK	1	1	24.23	24.48	24.30	26.0
Channel							
Frequency (MHz)							
60	QPSK	1	1	24.26	24.37	24.38	26.0
Channel							
Frequency (MHz)							
60	QPSK	1	1	24.20	24.51	24.41	26.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	24.31	24.38	24.34	26.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	24.25	24.48	24.31	26.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	24.30	24.36	24.30	26.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	24.31	24.40	24.33	26.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	24.30	24.36	24.41	26.0

FR1 n48 Ant 3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)
Channel							
Frequency (MHz)							
40	PI2 BPSK	1	1	21.56	21.76	21.49	
40	PI2 BPSK	1	53	21.40	21.62	21.40	23.0
40	PI2 BPSK	1	104	21.30	21.59	21.32	
40	PI2 BPSK	50	0	20.94	21.16	20.87	22.5
40	PI2 BPSK	50	28	21.45	21.66	21.40	23.0
40	PI2 BPSK	50	56	20.99	21.23	21.01	22.5
40	PI2 BPSK	100	0	20.99	21.19	20.98	0.5
40	QPSK	1	1	21.81	21.87	21.76	
40	QPSK	1	53	21.55	21.76	21.50	23.0
40	QPSK	1	104	21.52	21.75	21.53	
40	QPSK	50	0	21.40	21.62	21.34	22.0
40	QPSK	50	28	21.34	21.76	21.34	23.0
40	QPSK	50	56	21.36	21.85	21.42	22.0
40	QPSK	100	0	21.32	21.75	21.36	22.0
40	16QAM	1	1	21.56	21.85	21.66	22.0
40	16QAM	1	1	20.14	20.33	20.08	20.5
40	256QAM	1	1	18.19	18.43	18.22	18.5
Channel							
Frequency (MHz)							
30	QPSK	1	1	21.62	21.81	21.67	23.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	21.76	21.81	21.57	23.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	21.68	21.68	21.62	23.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	21.74	21.77	21.69	23.0

FR1 n77 Part 27O Ant 3 PC2&PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	20.17	19.83	19.83			
100	PI2 BPSK	1	137	20.03	19.87	19.85	21.5	0.0	
100	PI2 BPSK	1	271	20.12	20.01	19.96			
100	PI2 BPSK	135	0	20.14	19.80	19.80	21.5	0.0	
100	PI2 BPSK	135	69	19.96	19.94	19.81	21.5	0.0	
100	PI2 BPSK	135	138	20.09	19.97	20.01	21.5	0.0	
100	PI2 BPSK	270	0	20.18	19.65	19.76			
100	QPSK	1	1	19.96	20.27	19.81			
100	QPSK	1	137	20.16	20.00	19.90	21.5	0.0	
100	QPSK	1	271	20.21	19.90	19.75			
100	QPSK	135	0	20.04	19.91	19.86	21.5	0.0	
100	QPSK	135	69	20.18	20.22	19.98	21.5	0.0	
100	QPSK	135	138	20.18	19.83	19.83	21.5	0.0	
100	QPSK	270	0	20.03	20.15	19.83	21.5	0.0	
100	16QAM	1	1	20.02	19.80	19.80	21.5	0.0	
100	16QAM	1	1	20.02	20.00	19.81	21.5	0.0	
100	256QAM	1	1	19.96	19.20	19.95	20.5	1.0	
Channel				649688	650000	652332	Tune-up	MPR	
Frequency (MHz)				3745.02	3840	3934.98	limit	(dB)	
90	QPSK	1	1	20.17	19.83	19.83	21.5	0.0	
Channel				649334	650000	652686	Tune-up	MPR	
Frequency (MHz)				3740.01	3840	3939.99	limit	(dB)	
80	QPSK	1	1	20.03	19.97	19.85	21.5	0.0	
Channel				649000	650000	653000	Tune-up	MPR	
Frequency (MHz)				3734	3840	3945	limit	(dB)	
70	QPSK	1	1	20.12	20.01	19.96	21.5	0.0	
Channel				648688	650000	653332	Tune-up	MPR	
Frequency (MHz)				3729.02	3840	3949.98	limit	(dB)	
60	QPSK	1	1	19.96	19.94	19.81	21.5	0.0	
Channel				648334	650000	653666	Tune-up	MPR	
Frequency (MHz)				3724.01	3840	3954.99	limit	(dB)	
50	QPSK	1	1	20.09	19.97	20.01	21.5	0.0	
Channel				648000	650000	654000	Tune-up	MPR	
Frequency (MHz)				3720	3840	3960	limit	(dB)	
40	QPSK	1	1	20.18	19.85	19.78	21.5	0.0	
Channel				647688	650000	654332	Tune-up	MPR	
Frequency (MHz)				3715.02	3840.00	3954.98	limit	(dB)	
30	QPSK	1	1	19.96	19.93	19.81	21.5	0.0	
Channel				647334	650000	654666	Tune-up	MPR	
Frequency (MHz)				3710.01	3840	3959.99	limit	(dB)	
20	QPSK	1	1	20.21	19.80	19.75	21.5	0.0	
Channel				647000	650000	655000	Tune-up	MPR	
Frequency (MHz)				3707.52	3840	3972.48	limit	(dB)	
15	QPSK	1	1	20.04	19.91	19.86	21.5	0.0	
Channel				647000	650000	655000	Tune-up	MPR	
Frequency (MHz)				3705	3840	3975	limit	(dB)	
10	QPSK	1	1	20.02	20.00	19.81	21.5	0.0	

FR1 n77 Part 27Q Ant 3 PC2&PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					633332				
Frequency (MHz)					3459.98				
100	PI2 BPSK	1	1		20.41				
100	PI2 BPSK	1	137		20.12		21.5	0.0	
100	PI2 BPSK	1	271		20.18				
100	PI2 BPSK	135	0		20.42		21.5	0.0	
100	PI2 BPSK	135	69		20.10		21.5	0.0	
100	PI2 BPSK	135	138		20.15		21.5	0.0	
100	PI2 BPSK	270	0		20.38				
100	QPSK	1	1		20.37				
100	QPSK	1	137		20.14		21.5	0.0	
100	QPSK	1	271		20.40				
100	QPSK	135	0		20.09		21.5	0.0	
100	QPSK	135	69		20.42		21.5	0.0	
100	QPSK	135	138		20.30		21.5	0.0	
100	QPSK	270	0		20.37				
100	16QAM	1	1		20.41		21.5	0.0	
100	16QAM	1	1		20.12		21.5	0.0	
100	256QAM	1	1		19.87		20.5	1.0	
Channel				633000	633332	633666	Tune-up	MPR	
Frequency (MHz)				3405	3459.98	3514.99	limit	(dB)	
90	QPSK	1	1	20.41	20.20	20.37	21.5	0.0	
Channel				632688	633332	634000	Tune-up	MPR	
Frequency (MHz)				3400.02	3459.98	3510	limit	(dB)	
80	QPSK	1	1	20.12	20.01	20.19	21.5	0.0	
Channel				632334	633332	634332	Tune-up	MPR	
Frequency (MHz)				3445.01	3459.98	3514.98	limit	(dB)	
70	QPSK	1	1	20.18	20.35	20.40	21.5	0.0	
Channel				632000	633332	634666	Tune-up	MPR	
Frequency (MHz)				3440	3459.98	3511.99	limit	(dB)	
60	QPSK	1	1	20.42	20.21	20.36	21.5	0.0	
Channel				631688	633332	635000	Tune-up	MPR	
Frequency (MHz)				3435.02	3459.98	3505	limit	(dB)	
50	QPSK	1	1	20.10	20.01	20.21	21.5	0.0	
Channel				631334	633332	635332	Tune-up	MPR	
Frequency (MHz)				3430.01	3459.98	3509.98	limit	(dB)	
40	QPSK	1	1	20.15	20.35	20.38	21.5	0.0	
Channel				631000	633332	635666	Tune-up	MPR	
Frequency (MHz)				3425	3459.98	3504.99	limit	(dB)	
30	QPSK	1	1	20.38	20.18	20.35	21.5	0.0	
Channel				630688	633332	636000	Tune-up	MPR	
Frequency (MHz)				3420.02	3459.98	3500	limit	(dB)	
20	QPSK	1	1	20.11	20.03	20.23	21.5	0.0	
Channel				630500	633332	636166	Tune-up	MPR	
Frequency (MHz)				3427.5	3459.98	3502.49	limit	(dB)	
15	QPSK	1	1	20.14	20.30	20.37	21.5	0.0	
Channel				630334	633332	636332	Tune-up	MPR	
Frequency (MHz)				3425.01	3459.98	3504.98	limit	(dB)	
10	QPSK	1	1	20.40	20.22	20.43	21.5	0.0	

FR1 n78_Part 27O Ant 3 PC2&PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR
Channel				650000			
Frequency (MHz)				3750			
100	PI2 BPSK	1	1	20.01			
100	PI2 BPSK	1	137	19.75			
100	PI2 BPSK	1	271	19.92			
100	PI2 BPSK	135	0	20.06		21.5	0.0
100	PI2 BPSK	135	69	19.79		21.5	0.0
100	PI2 BPSK	135	138	19.89		21.5	0.0
100	PI2 BPSK	270	0	20.06			
100	QPSK	1	1	20.11			
100	QPSK	1	137	19.89		21.5	0.0
100	QPSK	1	271	20.03			
100	QPSK	135	0	19.82		21.5	0.0
100	QPSK	135	69	20.09		21.5	0.0
100	QPSK	135	138	20.03		21.5	0.0
100	QPSK	270	0	20.01		21.5	0.0
100	16QAM	1	1	20.08		21.5	0.0
100	64QAM	1	1	19.82		21.5	0.0
100	256QAM	1	1	19.43		20.5	1.0
Channel				649668	650000	650332	Tune-up
Frequency (MHz)				3745.02	3750	3754.98	limit (dB)
90	QPSK	1	1	20.01	19.81	20.10	21.5
Channel				649334	650000	650666	Tune-up
Frequency (MHz)				3740.01	3750	3759.99	limit (dB)
80	QPSK	1	1	19.81	19.70	19.98	21.5
Channel				649000	650000	651000	Tune-up
Frequency (MHz)				3736	3750	3764	limit (dB)
70	QPSK	1	1	19.85	19.97	20.02	21.5
Channel				648668	650000	651332	Tune-up
Frequency (MHz)				3730.02	3750	3769.98	limit (dB)
60	QPSK	1	1	20.01	19.84	20.03	21.5
Channel				648334	650000	651666	Tune-up
Frequency (MHz)				3725.01	3750	3774.99	limit (dB)
50	QPSK	1	1	19.81	19.71	19.80	21.5
Channel				648000	650000	652000	Tune-up
Frequency (MHz)				3720	3750	3780	limit (dB)
40	QPSK	1	1	19.83	19.97	20.02	21.5
Channel				647668	650000	652332	Tune-up
Frequency (MHz)				3715.02	3750	3784.98	limit (dB)
30	QPSK	1	1	20.01	19.84	20.04	21.5
Channel				647334	650000	652666	Tune-up
Frequency (MHz)				3710.01	3750	3789.99	limit (dB)
20	QPSK	1	1	19.73	19.69	19.94	21.5
Channel				647000	650000	653000	Tune-up
Frequency (MHz)				3707.52	3750	3792.48	limit (dB)
15	QPSK	1	1	19.88	20.05	20.08	21.5
Channel				646000	650000	653500	Tune-up
Frequency (MHz)				3705	3750	3795	limit (dB)
10	QPSK	1	1	19.80	19.67	19.93	21.5

FR1 n78_Part 27Q Ant 3 PC2&PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR
Channel				633000			
Frequency (MHz)				3499.98			
100	PI2 BPSK	1	1	19.92			
100	PI2 BPSK	1	137	19.84			
100	PI2 BPSK	1	271	20.06			
100	PI2 BPSK	135	0	19.99		21.5	0.0
100	PI2 BPSK	135	69	19.75		21.5	0.0
100	PI2 BPSK	135	138	20.06		21.5	0.0
100	PI2 BPSK	270	0	19.91			
100	QPSK	1	1	20.35			
100	QPSK	1	137	20.07		21.5	0.0
100	QPSK	1	271	19.95			
100	QPSK	135	0	19.74		21.5	0.0
100	QPSK	135	69	20.22		21.5	0.0
100	QPSK	135	138	19.86		21.5	0.0
100	QPSK	270	0	20.18		21.5	0.0
100	16QAM	1	1	19.85		21.5	0.0
100	64QAM	1	1	19.82		21.5	0.0
100	256QAM	1	1	19.85		20.5	1.0
Channel				633000	633332	633666	Tune-up
Frequency (MHz)				3495	3499.98	3504.99	limit (dB)
90	QPSK	1	1	20.08	19.92	20.16	21.5
Channel				632668	633332	634000	Tune-up
Frequency (MHz)				3490.02	3499.98	3510	limit (dB)
80	QPSK	1	1	19.81	19.84	19.94	21.5
Channel				632334	633332	634332	Tune-up
Frequency (MHz)				3485.01	3499.98	3514.98	limit (dB)
70	QPSK	1	1	19.89	20.06	20.16	21.5
Channel				632000	633332	634666	Tune-up
Frequency (MHz)				3480	3499.98	3519.99	limit (dB)
60	QPSK	1	1	20.15	19.88	20.18	21.5
Channel				631668	633332	635000	Tune-up
Frequency (MHz)				3475.02	3499.98	3525	limit (dB)
50	QPSK	1	1	19.80	19.75	20.03	21.5
Channel				631334	633332	635332	Tune-up
Frequency (MHz)				3470.01	3499.98	3529.98	limit (dB)
40	QPSK	1	1	19.96	20.06	20.07	21.5
Channel				631000	633332	635666	Tune-up
Frequency (MHz)				3465	3499.98	3534.99	limit (dB)
30	QPSK	1	1	20.17	19.91	20.19	21.5
Channel				630668	633332	636000	Tune-up
Frequency (MHz)				3460.02	3499.98	3540	limit (dB)
20	QPSK	1	1	19.82	19.77	19.98	21.5
Channel				630500	633332	636166	Tune-up
Frequency (MHz)				3457.5	3499.98	3542.49	limit (dB)
15	QPSK	1	1	19.87	20.07	20.09	21.5
Channel				630334	633332	636332	Tune-up
Frequency (MHz)				3455.01	3499.98	3544.98	limit (dB)
10	QPSK	1	1	19.82	19.74	19.99	21.5

FR1 n48 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				630000	641666	645332			
Frequency (MHz)				3570	3624.99	3679.98			
40	PV2 BPSK	1	1	19.94	19.91	19.97			
40	PV2 BPSK	1	53	19.92	19.85	19.99	21.0	0.0	
40	PV2 BPSK	1	104	19.91	19.97	19.95			
40	PV2 BPSK	50	0	20.00	19.89	19.89	21.0	0.0	
40	PV2 BPSK	50	25	19.90	19.86	19.94	21.0	0.0	
40	PV2 BPSK	50	50	19.91	19.99	19.91	21.0	0.0	
40	PV2 BPSK	100	0	19.89	19.96	19.95			
40	QPSK	1	1	19.99	20.03	19.92			
40	QPSK	1	53	19.91	19.98	19.89	21.0	0.0	
40	QPSK	1	104	19.97	19.91	19.98			
40	QPSK	50	0	19.94	20.01	20.00	21.0	0.0	
40	QPSK	50	25	19.91	19.99	19.94	21.0	0.0	
40	QPSK	50	50	19.90	19.97	19.95	21.0	0.0	
40	QPSK	100	0	19.99	20.00	19.92	21.0	0.0	
40	16QAM	1	1	19.98	19.92	19.97	21.0	0.0	
40	64QAM	1	1	19.99	20.00	20.00	21.0	0.0	
40	256QAM	1	1	19.96	19.42	19.33	19.5	1.5	
Channel				637666	641666	645666	Tune-up	MPR	
Frequency (MHz)				3655.02	3624.99	3634.99	limit (dB)		
30	QPSK	1	1	19.84	19.84	19.82	21.0	0.0	
Channel				637334	641666	646000	Tune-up	MPR	
Frequency (MHz)				3650.01	3624.99	3650	limit (dB)		
20	QPSK	1	1	19.80	19.78	19.81	21.0	0.0	
Channel				637168	641666	646166	Tune-up	MPR	
Frequency (MHz)				3651.52	3624.99	3652.48	limit (dB)		
15	QPSK	1	1	19.82	19.82	19.78	21.0	0.0	
Channel				637000	641666	646332	Tune-up	MPR	
Frequency (MHz)				3655	3624.99	3654.98	limit (dB)		
10	QPSK	1	1	19.79	19.84	19.85	21.0	0.0	

FR1 n77 Part 270 Ant 4 PC2&PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3760	3840	3920			
100	PV2 BPSK	1	1	19.97	19.94	19.94			
100	PV2 BPSK	1	137	19.97	19.95	19.99	20.0	0.0	
100	PV2 BPSK	1	271	19.90	19.82	19.95			
100	PV2 BPSK	135	0	19.93	19.93	19.92	20.0	0.0	
100	PV2 BPSK	135	69	19.96	19.93	19.94	20.0	0.0	
100	PV2 BPSK	135	138	19.91	19.99	19.91	20.0	0.0	
100	PV2 BPSK	270	0	19.90	19.97	19.95			
100	QPSK	1	1	19.97	19.98	19.94			
100	QPSK	1	137	19.94	19.93	19.93	20.0	0.0	
100	QPSK	1	271	19.90	19.91	19.98			
100	QPSK	135	0	19.91	19.95	19.97	20.0	0.0	
100	QPSK	135	69	19.93	19.98	19.96	20.0	0.0	
100	QPSK	135	138	19.97	19.93	19.93	20.0	0.0	
100	QPSK	270	0	19.93	19.94	19.99	20.0	0.0	
100	16QAM	1	1	19.80	19.96	19.63	20.0	0.0	
100	64QAM	1	1	19.94	19.99	19.95	20.0	0.0	
100	256QAM	1	1	19.99	19.92	19.92	20.0	0.0	
Channel				649668	656000	662332	Tune-up	MPR	
Frequency (MHz)				3745.02	3840	3924.98	limit (dB)		
90	QPSK	1	1	19.90	19.94	19.99	20.0	0.0	
Channel				649334	656000	662666	Tune-up	MPR	
Frequency (MHz)				3740.01	3840	3930.99	limit (dB)		
80	QPSK	1	1	19.90	19.94	19.90	20.0	0.0	
Channel				649000	656000	663000	Tune-up	MPR	
Frequency (MHz)				3735	3840	3945	limit (dB)		
70	QPSK	1	1	19.95	19.99	19.91	20.0	0.0	
Channel				648668	656000	663332	Tune-up	MPR	
Frequency (MHz)				3730.02	3840	3940.98	limit (dB)		
60	QPSK	1	1	19.49	19.48	19.55	20.0	0.0	
Channel				648334	656000	663666	Tune-up	MPR	
Frequency (MHz)				3725.01	3840	3954.99	limit (dB)		
50	QPSK	1	1	19.48	19.92	19.94	20.0	0.0	
Channel				648000	656000	664000	Tune-up	MPR	
Frequency (MHz)				3720	3840	3959.99	limit (dB)		
40	QPSK	1	1	19.48	19.90	19.49	20.0	0.0	
Channel				647668	656000	664332	Tune-up	MPR	
Frequency (MHz)				3715.02	3840.00	3964.98	limit (dB)		
30	QPSK	1	1	19.94	19.95	19.48	20.0	0.0	
Channel				647334	656000	664666	Tune-up	MPR	
Frequency (MHz)				3710.01	3840	3969.99	limit (dB)		
20	QPSK	1	1	19.94	19.92	19.95	20.0	0.0	
Channel				647000	656000	664832	Tune-up	MPR	
Frequency (MHz)				3707.99	3840	3972.48	limit (dB)		
15	QPSK	1	1	19.49	19.99	19.94	20.0	0.0	
Channel				647000	656000	665000	Tune-up	MPR	
Frequency (MHz)				3705	3840	3975	limit (dB)		
10	QPSK	1	1	19.91	19.92	19.99	20.0	0.0	

FR1 n77 Part 27Q Ant 4 PC2&PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel <td>633332</td> <td>3469.98</td> <td></td> <td></td> <td></td> <td></td>				633332	3469.98				
Frequency (MHz)					19.28				
100	PV2 BPSK	1	1		19.32		20.0	0.0	
100	PV2 BPSK	1	137		19.30		20.0	0.0	
100	PV2 BPSK	1	271		19.36		20.0	0.0	
100	PV2 BPSK	135	0		19.34		20.0	0.0	
100	PV2 BPSK	135	69		19.31		20.0	0.0	
100	PV2 BPSK	135	138		19.36		20.0	0.0	
100	PV2 BPSK	270	0		19.35		20.0	0.0	
100	QPSK	1	1		19.31		20.0	0.0	
100	QPSK	1	137		19.30		20.0	0.0	
100	QPSK	1	271		19.33		20.0	0.0	
100	QPSK	135	0		19.29		20.0	0.0	
100	QPSK	135	69		19.34		20.0	0.0	
100	QPSK	135	138		19.30		20.0	0.0	
100	QPSK	270	0		19.30		20.0	0.0	
100	16QAM	1	1		19.38		20.0	0.0	
100	64QAM	1	1		19.31		20.0	0.0	
100	256QAM	1	1		19.33		20.0	0.0	
Channel				633000	633332	633666	Tune-up	MPR	
Frequency (MHz)				3465	3468.99	3472.98	limit (dB)		
90	QPSK	1	1	19.23	19.33	19.25	20.0	0.0	
Channel				632668	633332	634000	Tune-up	MPR	
Frequency (MHz)				3460.02	3468.99	3470	limit (dB)		
80	QPSK	1	1	19.34	19.32	19.33	20.0	0.0	
Channel				632334	633332	634332	Tune-up	MPR	
Frequency (MHz)				3455.01	3468.99	3474.98	limit (dB)		
70	QPSK	1	1	19.24	19.28	19.34	20.0	0.0	
Channel				632000	633332	634666	Tune-up	MPR	
Frequency (MHz)				3450	3468.99	3471.99	limit (dB)		
60	QPSK	1	1	19.30	19.28	19.33	20.0	0.0	
Channel				631668	633332	635000	Tune-up	MPR	
Frequency (MHz)				3445.02	3468.99	3475	limit (dB)		
50	QPSK	1	1	19.23	19.25	19.24	20.0	0.0	
Channel				631334	633332	635332	Tune-up	MPR	
Frequency (MHz)				3440.01	3468.99	3478.98	limit (dB)		
40	QPSK	1	1	19.32	19.31	19.23	20.0	0.0	
Channel				631000	633332	635666	Tune-up	MPR	
Frequency (MHz)				3435	3468.98	3474.99	limit (dB)		
30	QPSK	1	1	19.25	19.28	19.26	20.0	0.0	
Channel				630668	633332	636000	Tune-up	MPR	
Frequency (MHz)				3430.02	3468.98	3470	limit (dB)		
20	QPSK	1	1	19.28	19.32	19.28	20.0	0.0	
Channel				630300	633332	636366	Tune-up	MPR	
Frequency (MHz)				3425	3468.98	3470	limit (dB)		
15	QPSK	1	1	19.25	19.24	19.23	20.0	0.0	
Channel				630034	633332	636632	Tune-up	MPR	
Frequency (MHz)				3420.01	3468.98	3468.98	limit (dB)		
10	QPSK	1	1	19.27	19.33	19.33	20.0	0.0	

FR1 n78_Part 27O Ant 4 PC2&PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR
Channel				650000	3750		
Frequency (MHz)					19.52		
100	PI2 BPSK	1	1		19.52		
100	PI2 BPSK	1	137		19.20		
100	PI2 BPSK	1	271		19.29		
100	PI2 BPSK	135	0		19.50		20.0
100	PI2 BPSK	135	69		19.15		20.0
100	PI2 BPSK	135	138		19.24		20.0
100	PI2 BPSK	270	0		19.52		20.0
100	QPSK	1	1		19.58		
100	QPSK	1	137		19.33		20.0
100	QPSK	1	271		19.41		
100	QPSK	135	0		19.20		20.0
100	QPSK	135	69		19.50		20.0
100	QPSK	135	138		19.21		20.0
100	QPSK	270	0		19.15		20.0
100	16QAM	1	1		19.52		20.0
100	64QAM	1	1		19.14		20.0
100	256QAM	1	1		19.24		20.0
Channel				649668	650000	650332	Tune-up
Frequency (MHz)				3745.02	3750	3754.98	limit
90	QPSK	1	1		19.49	19.08	19.01
Channel				649334	650000	650666	Tune-up
Frequency (MHz)				3749.01	3750	3750.99	limit
80	QPSK	1	1		19.25	19.24	19.19
Channel				649000	650000	651000	Tune-up
Frequency (MHz)				3746	3750	3754	limit
70	QPSK	1	1		19.45	19.25	19.18
Channel				648668	650000	651332	Tune-up
Frequency (MHz)				3742.02	3750	3753.98	limit
60	QPSK	1	1		19.49	19.08	19.01
Channel				648334	650000	651666	Tune-up
Frequency (MHz)				3738.01	3750	3754.99	limit
50	QPSK	1	1		19.23	19.25	19.15
Channel				648000	650000	652000	Tune-up
Frequency (MHz)				3740	3750	3760	limit
40	QPSK	1	1		19.40	19.20	19.22
Channel				647668	650000	652332	Tune-up
Frequency (MHz)				3735.02	3750.00	3754.98	limit
30	QPSK	1	1		19.39	19.05	19.13
Channel				647334	650000	652666	Tune-up
Frequency (MHz)				3731.01	3750	3753.99	limit
20	QPSK	1	1		19.32	19.25	19.08
Channel				647000	650000	653000	Tune-up
Frequency (MHz)				3727.52	3750	3752.48	limit
15	QPSK	1	1		19.39	19.30	19.23
Channel				646668	650000	653332	Tune-up
Frequency (MHz)				3725	3750	3755	limit
10	QPSK	1	1		19.35	19.28	19.26

FR1 n78_Part 27Q Ant 4 PC2&PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR
Channel				633332	3495		
Frequency (MHz)					3499.98		
100	PI2 BPSK	1	1		19.04		
100	PI2 BPSK	1	137		19.11		
100	PI2 BPSK	1	271		19.22		
100	PI2 BPSK	135	0		19.36		20.0
100	PI2 BPSK	135	69		19.20		20.0
100	PI2 BPSK	135	138		19.18		20.0
100	PI2 BPSK	270	0		19.03		20.0
100	QPSK	1	1		19.55		
100	QPSK	1	137		19.20		20.0
100	QPSK	1	271		19.33		
100	QPSK	135	0		19.15		20.0
100	QPSK	135	69		19.38		20.0
100	QPSK	135	138		19.30		20.0
100	QPSK	270	0		19.34		20.0
100	16QAM	1	1		19.06		20.0
100	64QAM	1	1		19.14		20.0
100	256QAM	1	1		19.22		20.0
Channel				633000	633332	633666	Tune-up
Frequency (MHz)				3495	3499.98	3504.99	limit
90	QPSK	1	1		19.42	19.97	19.00
Channel				632668	633332	634000	Tune-up
Frequency (MHz)				3490.02	3499.98	3510	limit
80	QPSK	1	1		19.35	19.23	19.11
Channel				632334	633332	634332	Tune-up
Frequency (MHz)				3485.01	3499.98	3514.98	limit
70	QPSK	1	1		19.34	19.03	18.93
Channel				632000	633332	634666	Tune-up
Frequency (MHz)				3480	3499.98	3511.99	limit
60	QPSK	1	1		19.23	19.14	19.09
Channel				631668	633332	635000	Tune-up
Frequency (MHz)				3475.02	3499.98	3505	limit
50	QPSK	1	1		19.29	19.19	19.20
Channel				631334	633332	635332	Tune-up
Frequency (MHz)				3470.01	3499.98	3509.98	limit
40	QPSK	1	1		19.36	18.98	18.93
Channel				631000	633332	635666	Tune-up
Frequency (MHz)				3465	3499.98	3504.99	limit
30	QPSK	1	1		19.32	19.13	19.16
Channel				630668	633332	636000	Tune-up
Frequency (MHz)				3460.02	3499.98	3510	limit
20	QPSK	1	1		19.29	19.14	19.12
Channel				630300	633332	636366	Tune-up
Frequency (MHz)				3457.5	3499.98	3512.49	limit
15	QPSK	1	1		19.27	19.18	19.07
Channel				630334	633332	636332	Tune-up
Frequency (MHz)				3455.01	3499.98	3514.98	limit
10	QPSK	1	1		19.24	19.17	19.01

FR1 n48 Ant 5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				638000	641666	645332				
Frequency (MHz)				3570	3624.99	3679.98				
40	PI/2 BPSK	1	1	19.73	19.81	19.77		21.0	0.0	
40	PI/2 BPSK	1	53	19.61	19.70	19.50				
40	PI/2 BPSK	1	104	19.56	19.71	19.45				
40	PI/2 BPSK	50	0	19.62	19.68	19.61	20.5	0.5		
40	PI/2 BPSK	50	28	19.31	19.55	19.47	21.0	0.0		
40	PI/2 BPSK	50	56	19.27	19.51	19.28		20.5	0.5	
40	PI/2 BPSK	100	0	19.44	19.56	19.35				
40	QPSK	1	1	19.95	20.06	19.84				
40	QPSK	1	53	19.78	19.85	19.66	21.0	0.0		
40	QPSK	1	104	19.70	19.92	19.87				
40	QPSK	50	0	19.68	19.73	19.51	20.0	1.0		
40	QPSK	50	28	19.53	19.77	19.56	21.0	0.0		
40	QPSK	50	56	19.63	19.88	19.49	20.0	1.0		
40	QPSK	100	0	19.55	19.65	19.61				
40	16QAM	1	1	19.81	19.91	19.67	20.0	1.0		
40	64QAM	1	1	18.24	18.49	18.37	18.5	2.5		
40	256QAM	1	1	16.37	16.47	16.42	16.5	4.5		
Channel				637668	641666	645666	Tune-up	MPR		
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)		
30	QPSK	1	1	19.80	19.93	19.70	21.0	0.0		
Channel				637334	641666	646000	Tune-up	MPR		
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)		
20	QPSK	1	1	19.87	19.90	19.79	21.0	0.0		
Channel				637168	641666	646166	Tune-up	MPR		
Frequency (MHz)				3557.52	3624.99	3692.48	limit	(dB)		
15	QPSK	1	1	19.82	19.88	19.78	21.0	0.0		
Channel				637000	641666	646332	Tune-up	MPR		
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)		
10	QPSK	1	1	19.81	19.97	19.71	21.0	0.0		

FR1 n77 Part 270 Ant 5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				650000	656000	662000				
Frequency (MHz)				3750	3840	3930				
100	PI/2 BPSK	1	1	19.42	19.31	19.29		21.0	0.0	
100	PI/2 BPSK	1	137	19.32	19.33	19.15				
100	PI/2 BPSK	1	271	19.28	19.30	19.13				
100	PI/2 BPSK	135	0	19.45	19.50	19.29	21.0	0.0		
100	PI/2 BPSK	135	69	19.48	19.25	19.20	21.0	0.0		
100	PI/2 BPSK	135	138	19.27	19.14	19.15		21.0	0.0	
100	PI/2 BPSK	270	0	19.42	19.23	19.13				
100	QPSK	1	1	19.49	19.51	19.45				
100	QPSK	1	137	19.36	19.45	19.41	21.0	0.0		
100	QPSK	1	271	19.35	19.47	19.39				
100	QPSK	135	0	19.39	19.45	19.35	21.0	0.0		
100	QPSK	135	69	19.48	19.49	19.41	21.0	0.0		
100	QPSK	135	138	19.42	19.22	19.28	21.0	0.0		
100	QPSK	270	0	19.41	19.44	19.20				
100	16QAM	1	1	19.42	19.50	19.48	21.0	0.0		
100	64QAM	1	1	19.45	19.45	19.46	21.0	0.0		
100	256QAM	1	1	17.52	17.56	17.57	19.0	2.0		
Channel				649668	656000	662332	Tune-up	MPR		
Frequency (MHz)				3745.02	3840	3934.98	limit	(dB)		
90	QPSK	1	1	19.30	19.20	19.29	21.0	0.0		
Channel				649334	656000	662666	Tune-up	MPR		
Frequency (MHz)				3740.01	3840	3939.99	limit	(dB)		
80	QPSK	1	1	19.41	19.36	19.21	21.0	0.0		
Channel				649000	656000	663000	Tune-up	MPR		
Frequency (MHz)				3735	3840	3945	limit	(dB)		
70	QPSK	1	1	19.45	19.26	19.29	21.0	0.0		
Channel				648668	656000	663332	Tune-up	MPR		
Frequency (MHz)				3730.02	3840	3949.98	limit	(dB)		
60	QPSK	1	1	19.40	19.22	19.23	21.0	0.0		
Channel				648334	656000	663666	Tune-up	MPR		
Frequency (MHz)				3725.01	3840	3954.99	limit	(dB)		
50	QPSK	1	1	19.36	19.31	19.17	21.0	0.0		
Channel				648000	656000	664000	Tune-up	MPR		
Frequency (MHz)				3720	3840	3960	limit	(dB)		
40	QPSK	1	1	19.40	19.20	19.21	21.0	0.0		
Channel				647668	656000	664332	Tune-up	MPR		
Frequency (MHz)				3715.02	3840.00	3964.98	limit	(dB)		
30	QPSK	1	1	19.32	19.33	19.17	21.0	0.0		
Channel				647334	656000	664666	Tune-up	MPR		
Frequency (MHz)				3710.01	3840	3969.99	limit	(dB)		
20	QPSK	1	1	19.32	19.30	19.17	21.0	0.0		
Channel				647168	656000	664832	Tune-up	MPR		
Frequency (MHz)				3707.52	3840	3972.48	limit	(dB)		
15	QPSK	1	1	19.37	19.28	19.30	21.0	0.0		
Channel				647000	656000	665000	Tune-up	MPR		
Frequency (MHz)				3705	3840	3975	limit	(dB)		
10	QPSK	1	1	19.40	19.38	19.26	21.0	0.0		

FR1 n77 HPUE Part 270 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 656000	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3840	3930			
Frequency (MHz)									
100	PI/2 BPSK	1	1	22.30	22.38	22.14			
100	PI/2 BPSK	1	137	22.19	22.27	22.02			
100	PI/2 BPSK	1	271	22.06	22.21	22.13	23.0	0.0	
100	PI/2 BPSK	135	0	21.86	21.95	21.83	22.5	0.5	
100	PI/2 BPSK	135	69	22.11	22.20	22.07	23.0	0.0	
100	PI/2 BPSK	135	138	21.79	21.61	21.77	22.5	0.5	
100	PI/2 BPSK	270	0	21.60	21.72	21.69			
100	QPSK	1	1	22.32	22.59	22.27			
100	QPSK	1	137	22.08	22.27	22.11	23.0	0.0	
100	QPSK	1	271	22.13	22.30	22.05			
100	QPSK	135	0	21.20	21.39	21.30	22.0	1.0	
100	QPSK	135	69	22.29	22.37	22.33	23.0	0.0	
100	QPSK	135	138	21.13	21.06	21.09	22.0	1.0	
100	QPSK	270	0	21.07	21.27	21.03			
100	16QAM	1	1	21.42	21.66	21.54	22.0	1.0	
100	64QAM	1	1	19.93	20.17	19.94	20.5	2.5	
100	256QAM	1	1	17.80	18.07	17.83	18.5	4.5	
Channel				649668	656000	662332	Tune-up	MPR	
Frequency (MHz)				3745.02	3840	3934.98	limit	(dB)	
90	QPSK	1	1	22.20	22.51	22.14	23.0	0.0	
Channel				648334	656000	662666	Tune-up	MPR	
Frequency (MHz)				3740.01	3840	3939.99	limit	(dB)	
80	QPSK	1	1	22.15	22.53	22.07	23.0	0.0	
Channel				649000	656000	663000	Tune-up	MPR	
Frequency (MHz)				3735	3840	3945	limit	(dB)	
70	QPSK	1	1	22.21	22.42	22.16	23.0	0.0	
Channel				648668	656000	663332	Tune-up	MPR	
Frequency (MHz)				3730.02	3840	3940.98	limit	(dB)	
60	QPSK	1	1	22.20	22.43	22.09	23.0	0.0	
Channel				648334	656000	663666	Tune-up	MPR	
Frequency (MHz)				3725.01	3840	3954.99	limit	(dB)	
50	QPSK	1	1	22.17	22.48	22.19	23.0	0.0	
Channel				648000	656000	664000	Tune-up	MPR	
Frequency (MHz)				3720	3840	3960	limit	(dB)	
40	QPSK	1	1	22.14	22.41	22.08	23.0	0.0	
Channel				647668	656000	664332	Tune-up	MPR	
Frequency (MHz)				3715.02	3840.00	3954.98	limit	(dB)	
30	QPSK	1	1	22.24	22.46	22.12	23.0	0.0	
Channel				647334	656000	664666	Tune-up	MPR	
Frequency (MHz)				3710.01	3840	3969.99	limit	(dB)	
20	QPSK	1	1	22.26	22.46	22.22	23.0	0.0	
Channel				647168	656000	664832	Tune-up	MPR	
Frequency (MHz)				3707.50	3840	3972.48	limit	(dB)	
15	QPSK	1	1	22.12	22.50	22.12	23.0	0.0	
Channel				647000	656000	665000	Tune-up	MPR	
Frequency (MHz)				3705	3840	3975	limit	(dB)	
10	QPSK	1	1	22.14	22.46	22.22	23.0	0.0	

FR1 n77 Part 27Q Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 633000	Power Middle Ch. / Freq. 633332	Power High Ch. / Freq. 63499.98	Tune-up limit (dBm)	MPR (dB)	
Channel				3495	3499.98	3504.99			
Frequency (MHz)									
100	PI/2 BPSK	1	1	20.06					
100	PI/2 BPSK	1	137	20.01					
100	PI/2 BPSK	1	271	19.88			21.0	0.0	
100	PI/2 BPSK	135	0	19.94			21.0	0.0	
100	PI/2 BPSK	135	69	19.98			21.0	0.0	
100	PI/2 BPSK	135	138	20.03			21.0	0.0	
100	PI/2 BPSK	270	0	19.91					
100	QPSK	1	1	20.11					
100	QPSK	1	137	20.06			21.0	0.0	
100	QPSK	1	271	20.07					
100	QPSK	135	0	19.91			21.0	0.0	
100	QPSK	135	69	20.06			21.0	0.0	
100	QPSK	135	138	19.99			21.0	0.0	
100	QPSK	270	0	19.98					
100	16QAM	1	1	20.08			21.0	0.0	
100	64QAM	1	1	20.06			21.0	0.0	
100	256QAM	1	1	17.58			19.0	2.0	
Channel				633000	633332	633666	Tune-up	MPR	
Frequency (MHz)				3495	3499.98	3504.99	limit	(dB)	
90	QPSK	1	1	19.97	20.02	19.99	21.0	0.0	
Channel				632668	633332	634000	Tune-up	MPR	
Frequency (MHz)				3490.02	3499.98	3510	limit	(dB)	
80	QPSK	1	1	19.94	19.94	19.97	21.0	0.0	
Channel				632334	633332	634332	Tune-up	MPR	
Frequency (MHz)				3485.01	3499.98	3514.98	limit	(dB)	
70	QPSK	1	1	19.98	20.00	20.06	21.0	0.0	
Channel				632000	633332	634666	Tune-up	MPR	
Frequency (MHz)				3480	3499.98	3510.99	limit	(dB)	
60	QPSK	1	1	19.92	19.93	20.03	21.0	0.0	
Channel				631668	633332	635000	Tune-up	MPR	
Frequency (MHz)				3475.02	3499.98	3525	limit	(dB)	
50	QPSK	1	1	19.93	20.04	19.92	21.0	0.0	
Channel				631334	633332	635332	Tune-up	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	limit	(dB)	
40	QPSK	1	1	19.92	20.00	19.99	21.0	0.0	
Channel				631000	633332	635666	Tune-up	MPR	
Frequency (MHz)				3465	3499.98	3531.99	limit	(dB)	
30	QPSK	1	1	19.96	19.98	19.93	21.0	0.0	
Channel				630668	633332	636000	Tune-up	MPR	
Frequency (MHz)				3460.02	3499.98	3540	limit	(dB)	
20	QPSK	1	1	20.05	19.92	20.03	21.0	0.0	
Channel				630500	633332	636166	Tune-up	MPR	
Frequency (MHz)				3457.5	3499.98	3542.48	limit	(dB)	
15	QPSK	1	1	20.07	19.97	19.97	21.0	0.0	
Channel				630334	633332	636332	Tune-up	MPR	
Frequency (MHz)				3455.01	3499.98	3544.98	limit	(dB)	
10	QPSK	1	1	20.03	19.99	19.92	21.0	0.0	

FR1 n77 HPUE Part 27Q Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633300	633332	633666			
Frequency (MHz)				3495	3499.98	3504.99	limit	(dB)	
100	PI/2 BPSK	1	1	22.64	22.67	22.67	23.0	0.0	
100	PI/2 BPSK	1	137	22.62	22.62	22.62	23.0	0.0	
100	PI/2 BPSK	1	271	22.21	22.21	22.21	22.5	0.5	
100	PI/2 BPSK	135	0	22.60	22.60	22.60	23.0	0.0	
100	PI/2 BPSK	135	69	22.04	22.04	22.04	22.5	0.5	
100	PI/2 BPSK	270	0	22.18	22.18	22.18	22.5	0.5	
100	QPSK	1	1	22.75	22.75	22.75	23.0	0.0	
100	QPSK	1	137	22.66	22.66	22.66	23.0	0.0	
100	QPSK	1	271	22.71	22.71	22.71	22.0	1.0	
100	QPSK	135	0	21.50	21.50	21.50	22.0	1.0	
100	QPSK	135	69	22.65	22.65	22.65	23.0	0.0	
100	QPSK	135	138	21.47	21.47	21.47	22.0	1.0	
100	QPSK	270	0	21.54	21.54	21.54	22.0	1.0	
100	16QAM	1	1	21.62	21.62	21.62	22.0	1.0	
100	64QAM	1	1	20.13	20.13	20.13	20.5	2.5	
100	256QAM	1	1	18.09	18.09	18.09	18.5	4.5	
Channel				633000	633332	633666	Tune-up	MPR	
Frequency (MHz)				3495	3499.98	3504.99	limit	(dB)	
90	QPSK	1	1	22.64	22.67	22.67	23.0	0.0	
Channel				632668	633332	634000	Tune-up	MPR	
Frequency (MHz)				3490.02	3499.98	3510.00	limit	(dB)	
80	QPSK	1	1	22.60	22.57	22.68	23.0	0.0	
Channel				632334	633332	634332	Tune-up	MPR	
Frequency (MHz)				3485.01	3499.98	3514.98	limit	(dB)	
70	QPSK	1	1	22.67	22.69	22.70	23.0	0.0	
Channel				632000	633332	634666	Tune-up	MPR	
Frequency (MHz)				3480	3499.98	3510.99	limit	(dB)	
60	QPSK	1	1	22.61	22.65	22.69	23.0	0.0	
Channel				631668	633332	635000	Tune-up	MPR	
Frequency (MHz)				3475.02	3499.98	3525	limit	(dB)	
50	QPSK	1	1	22.57	22.70	22.69	23.0	0.0	
Channel				631334	633332	635332	Tune-up	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	limit	(dB)	
40	QPSK	1	1	22.63	22.64	22.69	23.0	0.0	
Channel				631000	633332	635666	Tune-up	MPR	
Frequency (MHz)				3465	3499.98	3531.99	limit	(dB)	
30	QPSK	1	1	22.62	22.70	22.65	23.0	0.0	
Channel				630668	633332	636000	Tune-up	MPR	
Frequency (MHz)				3460.02	3499.98	3540	limit	(dB)	
20	QPSK	1	1	22.59	22.62	22.65	23.0	0.0	
Channel				630500	633332	636166	Tune-up	MPR	
Frequency (MHz)				3457.5	3499.98	3542.46	limit	(dB)	
15	QPSK	1	1	22.56	22.64	22.56	23.0	0.0	
Channel				630334	633332	636332	Tune-up	MPR	
Frequency (MHz)				3455.01	3499.98	3544.98	limit	(dB)	
10	QPSK	1	1	22.63	22.62	22.60	23.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				649668	650000	650332			
Frequency (MHz)				3745.02	3750	3754.98	limit	(dB)	
100	PI/2 BPSK	1	1	19.23	19.26	19.26	20.0	0.0	
100	PI/2 BPSK	1	137	19.31	19.31	19.31	20.0	0.0	
100	PI/2 BPSK	1	271	19.39	19.39	19.39	20.0	0.0	
100	PI/2 BPSK	135	0	19.29	19.29	19.29	20.0	0.0	
100	PI/2 BPSK	135	69	19.41	19.41	19.41	20.0	0.0	
100	PI/2 BPSK	135	138	19.38	19.38	19.38	20.0	0.0	
100	PI/2 BPSK	270	0	19.33	19.33	19.33	20.0	0.0	
100	QPSK	1	1	19.25	19.25	19.25	20.0	0.0	
100	QPSK	1	137	19.42	19.42	19.42	20.0	0.0	
100	QPSK	1	271	18.79	18.79	18.79	20.0	0.0	
100	QPSK	135	0	18.77	18.77	18.77	20.0	0.0	
100	QPSK	135	69	19.26	19.26	19.26	20.0	0.0	
100	QPSK	135	138	18.32	18.32	18.32	20.0	0.0	
100	QPSK	270	0	19.11	19.11	19.11	20.0	0.0	
100	16QAM	1	1	19.35	19.35	19.35	20.0	0.0	
100	64QAM	1	1	18.74	18.74	18.74	20.0	0.0	
100	256QAM	1	1	17.47	17.47	17.47	18.0	2.0	
Channel				649668	650000	650332	Tune-up	MPR	
Frequency (MHz)				3745.02	3750	3754.98	limit	(dB)	
90	QPSK	1	1	19.23	19.26	19.26	20.0	0.0	
Channel				649334	650000	650666	Tune-up	MPR	
Frequency (MHz)				3740.01	3750	3759.99	limit	(dB)	
80	QPSK	1	1	19.29	19.37	19.24	20.0	0.0	
Channel				649000	650000	651000	Tune-up	MPR	
Frequency (MHz)				3735	3750	3765	limit	(dB)	
70	QPSK	1	1	19.33	19.28	19.25	20.0	0.0	
Channel				648668	650000	651332	Tune-up	MPR	
Frequency (MHz)				3730.02	3750	3769.98	limit	(dB)	
60	QPSK	1	1	19.25	19.34	19.23	20.0	0.0	
Channel				648334	650000	651666	Tune-up	MPR	
Frequency (MHz)				3725.01	3750	3774.99	limit	(dB)	
50	QPSK	1	1	19.34	19.27	19.30	20.0	0.0	
Channel				648000	650000	652000	Tune-up	MPR	
Frequency (MHz)				3720	3750	3780	limit	(dB)	
40	QPSK	1	1	19.25	19.32	19.33	20.0	0.0	
Channel				647668	650000	652332	Tune-up	MPR	
Frequency (MHz)				3715.02	3750.00	3784.98	limit	(dB)	
30	QPSK	1	1	19.23	19.29	19.35	20.0	0.0	
Channel				647334	650000	652666	Tune-up	MPR	
Frequency (MHz)				3710.01	3750	3789.99	limit	(dB)	
20	QPSK	1	1	19.31	19.38	19.34	20.0	0.0	
Channel				647168	650000	652832	Tune-up	MPR	
Frequency (MHz)				3707.52	3750	3792.48	limit	(dB)	
15	QPSK	1	1	19.23	19.30	19.35	20.0	0.0	
Channel				647000	650000	653000	Tune-up	MPR	
Frequency (MHz)				3705	3750	3795	limit	(dB)	
10	QPSK	1	1	19.24	19.29	19.25	20.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3405	3409.98	3504.99	limit	(dB)
100	QPSK	1	1	22.51	22.47	22.42	23.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	limit	(dB)
80	QPSK	1	1	22.49	22.44	22.35	23.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	limit	(dB)
70	QPSK	1	1	22.36	22.40	22.49	23.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	limit	(dB)
60	QPSK	1	1	22.43	22.41	22.50	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	limit	(dB)
50	QPSK	1	1	22.46	22.37	22.42	23.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	limit	(dB)
40	QPSK	1	1	22.44	22.50	22.40	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	limit	(dB)
30	QPSK	1	1	22.50	22.50	22.38	23.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	limit	(dB)
20	QPSK	1	1	22.47	22.42	22.42	23.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	limit	(dB)
15	QPSK	1	1	22.36	22.43	22.42	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	limit	(dB)
10	QPSK	1	1	22.45	22.39	22.38	23.0	0.0

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Bluetooth			Aver		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR/EDR	CH 01	2402	8.35	8.75	8.85
	CH 03	2441	8.72	7.15	7.15
	CH 05	2480	7.40	5.65	5.85
Total Cap Limit			0.00	8.00	8.00

BLE 1M			Aver		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps		
LE	CH 01	2402		7.55	
	CH 03	2441		8.45	
	CH 05	2480		7.45	
Total Cap Limit				0	

BLE 2M			Aver		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			2Mbps		
LE	CH 01	2402		8.25	
	CH 03	2441		8.85	
	CH 05	2480		7.45	
Total Cap Limit				9.00	

BLE_125K				Aver	
Mode	Channel	Frequency (MHz)		Average power (dBm)	
LE	CH 01	2402		7.65	
	CH 03	2441		8.25	
	CH 05	2480		7.11	
Total Cap Limit				8.00	

BLE_500K				Aver	
Mode	Channel	Frequency (MHz)		Average power (dBm)	
LE	CH 01	2402		7.80	
	CH 03	2441		8.42	
	CH 05	2480		7.35	
Total Cap Limit				9.00	

2nd BLE Ant <switch OFF State>

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH10	2402	2.71
	CH15	2443	3.54
	CH39	2483	3.91
Transmit Limit			4.00

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH10	2402	3.79
	CH15	2443	3.47
	CH39	2483	3.68
Transmit Limit			4.00

BLE_125K

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH10	2402	2.81
	CH15	2443	3.37
	CH39	2483	2.93
Transmit Limit			4.00

BLE_500K

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH10	2402	2.80
	CH15	2443	3.44
	CH39	2483	2.93
Transmit Limit			4.00